



*Ventura Countywide
Stormwater Quality
Management Program*

2018-2019
Permit Year

Ventura Countywide Stormwater Quality
Management Program Annual Report

Attachment D Monitoring Appendices F - G



December 13, 2019

Camarillo
County of Ventura
Fillmore
Moorpark
Ojai
Oxnard
Port Hueneme
Santa Paula
Simi Valley
Thousand Oaks
Ventura
Ventura County Watershed Protection District

Appendix F. Laboratory QA/QC Analysis Results

Appendix F
Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2018/19-1	000NONPJ	matrix spike	11/26/2018	Anion	Chloride	n/a	=	307	mg/L	EPA 300.0	1	5			
2018/19-1	000NONPJ	matrix spike	11/26/2018	Anion	Chloride	n/a	=	227	mg/L	EPA 300.0	1	5			
2018/19-1	000NONPJ	matrix spike dup	11/26/2018	Anion	Chloride	n/a	=	308	mg/L	EPA 300.0	1	5			
2018/19-1	000NONPJ	matrix spike dup	11/26/2018	Anion	Chloride	n/a	=	227	mg/L	EPA 300.0	1	5			
2018/19-1	000NONPJ	matrix spike dup, rec	11/26/2018	Anion	Chloride	n/a	=	103	%	EPA 300.0	-88	-88	76	118	
2018/19-1	000NONPJ	matrix spike dup, rec	11/26/2018	Anion	Chloride	n/a	=	103	%	EPA 300.0	-88	-88	76	118	
2018/19-1	000NONPJ	matrix spike, rec	11/26/2018	Anion	Chloride	n/a	=	103	%	EPA 300.0	-88	-88	76	118	
2018/19-1	000NONPJ	matrix spike, rec	11/26/2018	Anion	Chloride	n/a	=	103	%	EPA 300.0	-88	-88	76	118	
2018/19-1	000NONPJ	matrix spike, RPD	11/26/2018	Anion	Chloride	n/a	=	0.3	%	EPA 300.0	-88	-88	0	20	
2018/19-1	000NONPJ	matrix spike, RPD	11/26/2018	Anion	Chloride	n/a	=	0.05	%	EPA 300.0	-88	-88	0	20	
2018/19-1	000NONPJ	matrix spike	11/28/2018	Anion	Chloride	n/a	=	334	mg/L	EPA 300.0	1	5			
2018/19-1	000NONPJ	matrix spike	11/28/2018	Anion	Chloride	n/a	=	297	mg/L	EPA 300.0	1	5			
2018/19-1	000NONPJ	matrix spike dup	11/28/2018	Anion	Chloride	n/a	=	297	mg/L	EPA 300.0	1	5			
2018/19-1	000NONPJ	matrix spike dup	11/28/2018	Anion	Chloride	n/a	=	333	mg/L	EPA 300.0	1	5			
2018/19-1	000NONPJ	matrix spike dup, rec	11/28/2018	Anion	Chloride	n/a	=	102	%	EPA 300.0	-88	-88	76	118	
2018/19-1	000NONPJ	matrix spike dup, rec	11/28/2018	Anion	Chloride	n/a	=	99	%	EPA 300.0	-88	-88	76	118	
2018/19-1	000NONPJ	matrix spike, rec	11/28/2018	Anion	Chloride	n/a	=	100	%	EPA 300.0	-88	-88	76	118	
2018/19-1	000NONPJ	matrix spike, rec	11/28/2018	Anion	Chloride	n/a	=	101	%	EPA 300.0	-88	-88	76	118	
2018/19-1	000NONPJ	matrix spike, RPD	11/28/2018	Anion	Chloride	n/a	=	0.1	%	EPA 300.0	-88	-88	0	20	
2018/19-1	000NONPJ	matrix spike, RPD	11/28/2018	Anion	Chloride	n/a	=	0.2	%	EPA 300.0	-88	-88	0	20	
2018/19-1	Lab	LCS	11/26/2018	Anion	Chloride	n/a	=	20.6	mg/L	EPA 300.0	0.1	0.5			
2018/19-1	Lab	LCS, rec	11/26/2018	Anion	Chloride	n/a	=	103	%	EPA 300.0	-88	-88	90	110	
2018/19-1	Lab	method blank	11/26/2018	Anion	Chloride	n/a	<	0.1	mg/L	EPA 300.0	0.1	0.5			
2018/19-1	Lab	LCS	11/28/2018	Anion	Chloride	n/a	=	20.6	mg/L	EPA 300.0	0.1	0.5			
2018/19-1	Lab	LCS, rec	11/28/2018	Anion	Chloride	n/a	=	103	%	EPA 300.0	-88	-88	90	110	
2018/19-1	Lab	method blank	11/28/2018	Anion	Chloride	n/a	<	0.1	mg/L	EPA 300.0	0.1	0.5			
2018/19-1	000NONPJ	matrix spike	11/26/2018	Anion	Fluoride	n/a	=	21	mg/L	EPA 300.0	0.2	1			
2018/19-1	000NONPJ	matrix spike	11/26/2018	Anion	Fluoride	n/a	=	20.2	mg/L	EPA 300.0	0.2	1			
2018/19-1	000NONPJ	matrix spike dup	11/26/2018	Anion	Fluoride	n/a	=	19.4	mg/L	EPA 300.0	0.2	1			
2018/19-1	000NONPJ	matrix spike dup	11/26/2018	Anion	Fluoride	n/a	=	19.3	mg/L	EPA 300.0	0.2	1			
2018/19-1	000NONPJ	matrix spike dup, rec	11/26/2018	Anion	Fluoride	n/a	=	95	%	EPA 300.0	-88	-88	86	107	
2018/19-1	000NONPJ	matrix spike dup, rec	11/26/2018	Anion	Fluoride	n/a	=	94	%	EPA 300.0	-88	-88	86	107	
2018/19-1	000NONPJ	matrix spike, rec	11/26/2018	Anion	Fluoride	n/a	=	103	%	EPA 300.0	-88	-88	86	107	
2018/19-1	000NONPJ	matrix spike, rec	11/26/2018	Anion	Fluoride	n/a	=	99	%	EPA 300.0	-88	-88	86	107	
2018/19-1	000NONPJ	matrix spike, RPD	11/26/2018	Anion	Fluoride	n/a	=	9	%	EPA 300.0	-88	-88	0	20	
2018/19-1	000NONPJ	matrix spike, RPD	11/26/2018	Anion	Fluoride	n/a	=	4	%	EPA 300.0	-88	-88	0	20	
2018/19-1	000NONPJ	matrix spike	11/28/2018	Anion	Fluoride	n/a	=	21.2	mg/L	EPA 300.0	0.2	1			
2018/19-1	000NONPJ	matrix spike	11/28/2018	Anion	Fluoride	n/a	=	21.4	mg/L	EPA 300.0	0.2	1			
2018/19-1	000NONPJ	matrix spike dup	11/28/2018	Anion	Fluoride	n/a	=	21.5	mg/L	EPA 300.0	0.2	1			
2018/19-1	000NONPJ	matrix spike dup	11/28/2018	Anion	Fluoride	n/a	=	21.2	mg/L	EPA 300.0	0.2	1			
2018/19-1	000NONPJ	matrix spike dup, rec	11/28/2018	Anion	Fluoride	n/a	=	107	%	EPA 300.0	-88	-88	86	107	
2018/19-1	000NONPJ	matrix spike dup, rec	11/28/2018	Anion	Fluoride	n/a	=	106	%	EPA 300.0	-88	-88	86	107	
2018/19-1	000NONPJ	matrix spike, rec	11/28/2018	Anion	Fluoride	n/a	=	106	%	EPA 300.0	-88	-88	86	107	
2018/19-1	000NONPJ	matrix spike, rec	11/28/2018	Anion	Fluoride	n/a	=	107	%	EPA 300.0	-88	-88	86	107	
2018/19-1	000NONPJ	matrix spike, RPD	11/28/2018	Anion	Fluoride	n/a	=	0.5	%	EPA 300.0	-88	-88	0	20	
2018/19-1	000NONPJ	matrix spike, RPD	11/28/2018	Anion	Fluoride	n/a	=	0.5	%	EPA 300.0	-88	-88	0	20	
2018/19-1	000NONPJ	matrix spike	11/29/2018	Anion	Fluoride	n/a	=	21.1	mg/L	EPA 300.0	0.18	1			

Appendix F
Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2018/19-1	000NONPJ	matrix spike	11/29/2018	Anion	Fluoride	n/a	=	20.8	mg/L	EPA 300.0	0.18	1			
2018/19-1	000NONPJ	matrix spike dup	11/29/2018	Anion	Fluoride	n/a	=	21.2	mg/L	EPA 300.0	0.18	1			
2018/19-1	000NONPJ	matrix spike dup	11/29/2018	Anion	Fluoride	n/a	=	20.9	mg/L	EPA 300.0	0.18	1			
2018/19-1	000NONPJ	matrix spike dup, rec	11/29/2018	Anion	Fluoride	n/a	=	101	%	EPA 300.0	-88	-88	86	107	
2018/19-1	000NONPJ	matrix spike dup, rec	11/29/2018	Anion	Fluoride	n/a	=	104	%	EPA 300.0	-88	-88	86	107	
2018/19-1	000NONPJ	matrix spike, rec	11/29/2018	Anion	Fluoride	n/a	=	101	%	EPA 300.0	-88	-88	86	107	
2018/19-1	000NONPJ	matrix spike, rec	11/29/2018	Anion	Fluoride	n/a	=	103	%	EPA 300.0	-88	-88	86	107	
2018/19-1	000NONPJ	matrix spike, RPD	11/29/2018	Anion	Fluoride	n/a	=	0.4	%	EPA 300.0	-88	-88	0	20	
2018/19-1	000NONPJ	matrix spike, RPD	11/29/2018	Anion	Fluoride	n/a	=	0.5	%	EPA 300.0	-88	-88	0	20	
2018/19-1	Lab	LCS	11/26/2018	Anion	Fluoride	n/a	=	1.92	mg/L	EPA 300.0	0.02	0.1			
2018/19-1	Lab	LCS, rec	11/26/2018	Anion	Fluoride	n/a	=	96	%	EPA 300.0	-88	-88	90	110	
2018/19-1	Lab	method blank	11/26/2018	Anion	Fluoride	n/a	<	0.02	mg/L	EPA 300.0	0.02	0.1			
2018/19-1	Lab	LCS	11/28/2018	Anion	Fluoride	n/a	=	1.93	mg/L	EPA 300.0	0.02	0.1			
2018/19-1	Lab	LCS, rec	11/28/2018	Anion	Fluoride	n/a	=	96	%	EPA 300.0	-88	-88	90	110	
2018/19-1	Lab	method blank	11/28/2018	Anion	Fluoride	n/a	<	0.02	mg/L	EPA 300.0	0.02	0.1			
2018/19-1	Lab	LCS	11/29/2018	Anion	Fluoride	n/a	=	1.96	mg/L	EPA 300.0	0.018	0.1			
2018/19-1	Lab	LCS, rec	11/29/2018	Anion	Fluoride	n/a	=	98	%	EPA 300.0	-88	-88	90	110	
2018/19-1	Lab	method blank	11/29/2018	Anion	Fluoride	n/a	<	0.018	mg/L	EPA 300.0	0.018	0.1			
2018/19-1	000NONPJ	matrix spike	11/29/2018	Anion	Perchlorate	n/a	=	11.2	µg/L	EPA 314.0	0.95	2			
2018/19-1	000NONPJ	matrix spike, rec	11/29/2018	Anion	Perchlorate	n/a	=	98	%	EPA 314.0	-88	-88	80	120	
2018/19-1	000NONPJ	matrix spike dup	11/29/2018	Anion	Perchlorate	n/a	=	10.9	µg/L	EPA 314.0	0.95	2			
2018/19-1	000NONPJ	matrix spike dup, rec	11/29/2018	Anion	Perchlorate	n/a	=	95	%	EPA 314.0	-88	-88	80	120	
2018/19-1	000NONPJ	matrix spike, RPD	11/29/2018	Anion	Perchlorate	n/a	=	3	%	EPA 314.0	-88	-88	0	15	
2018/19-1	Lab	method blank	11/29/2018	Anion	Perchlorate	n/a	<	0.95	µg/L	EPA 314.0	0.95	2			
2018/19-1	Lab	LCS	11/29/2018	Anion	Perchlorate	n/a	=	9.86	µg/L	EPA 314.0	0.95	2			
2018/19-1	Lab	LCS, rec	11/29/2018	Anion	Perchlorate	n/a	=	99	%	EPA 314.0	-88	-88	85	115	
2018/19-1	000NONPJ	matrix spike	11/26/2018	Anion	Sulfate	Total	=	331	mg/L	EPA 300.0	1	5			
2018/19-1	000NONPJ	matrix spike	11/26/2018	Anion	Sulfate	Total	=	247	mg/L	EPA 300.0	1	5			
2018/19-1	000NONPJ	matrix spike dup	11/26/2018	Anion	Sulfate	Total	=	247	mg/L	EPA 300.0	1	5			
2018/19-1	000NONPJ	matrix spike dup	11/26/2018	Anion	Sulfate	Total	=	333	mg/L	EPA 300.0	1	5			
2018/19-1	000NONPJ	matrix spike dup, rec	11/26/2018	Anion	Sulfate	Total	=	105	%	EPA 300.0	-88	-88	78	111	
2018/19-1	000NONPJ	matrix spike dup, rec	11/26/2018	Anion	Sulfate	Total	=	107	%	EPA 300.0	-88	-88	78	111	
2018/19-1	000NONPJ	matrix spike, rec	11/26/2018	Anion	Sulfate	Total	=	105	%	EPA 300.0	-88	-88	78	111	
2018/19-1	000NONPJ	matrix spike, rec	11/26/2018	Anion	Sulfate	Total	=	104	%	EPA 300.0	-88	-88	78	111	
2018/19-1	000NONPJ	matrix spike, RPD	11/26/2018	Anion	Sulfate	Total	=	0.7	%	EPA 300.0	-88	-88	0	20	
2018/19-1	000NONPJ	matrix spike, RPD	11/26/2018	Anion	Sulfate	Total	=	0.2	%	EPA 300.0	-88	-88	0	20	
2018/19-1	000NONPJ	matrix spike	11/28/2018	Anion	Sulfate	Total	=	260	mg/L	EPA 300.0	1	5			
2018/19-1	000NONPJ	matrix spike	11/28/2018	Anion	Sulfate	Total	=	243	mg/L	EPA 300.0	1	5			
2018/19-1	000NONPJ	matrix spike dup	11/28/2018	Anion	Sulfate	Total	=	243	mg/L	EPA 300.0	1	5			
2018/19-1	000NONPJ	matrix spike dup	11/28/2018	Anion	Sulfate	Total	=	261	mg/L	EPA 300.0	1	5			
2018/19-1	000NONPJ	matrix spike dup, rec	11/28/2018	Anion	Sulfate	Total	=	104	%	EPA 300.0	-88	-88	78	111	
2018/19-1	000NONPJ	matrix spike dup, rec	11/28/2018	Anion	Sulfate	Total	=	102	%	EPA 300.0	-88	-88	78	111	
2018/19-1	000NONPJ	matrix spike, rec	11/28/2018	Anion	Sulfate	Total	=	104	%	EPA 300.0	-88	-88	78	111	
2018/19-1	000NONPJ	matrix spike, rec	11/28/2018	Anion	Sulfate	Total	=	102	%	EPA 300.0	-88	-88	78	111	
2018/19-1	000NONPJ	matrix spike, RPD	11/28/2018	Anion	Sulfate	Total	=	0.4	%	EPA 300.0	-88	-88	0	20	
2018/19-1	000NONPJ	matrix spike, RPD	11/28/2018	Anion	Sulfate	Total	=	0.07	%	EPA 300.0	-88	-88	0	20	
2018/19-1	Lab	LCS	11/26/2018	Anion	Sulfate	Total	=	20.7	mg/L	EPA 300.0	0.1	0.5			

Appendix F
Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2018/19-1	Lab	LCS, rec	11/26/2018	Anion	Sulfate	Total	=	104	%	EPA 300.0	-88	-88	90	110	
2018/19-1	Lab	method blank	11/26/2018	Anion	Sulfate	Total	DNQ	0.145	mg/L	EPA 300.0	0.1	0.5			IP
2018/19-1	Lab	LCS	11/28/2018	Anion	Sulfate	Total	=	20.9	mg/L	EPA 300.0	0.1	0.5			
2018/19-1	Lab	LCS, rec	11/28/2018	Anion	Sulfate	Total	=	105	%	EPA 300.0	-88	-88	90	110	
2018/19-1	Lab	method blank	11/28/2018	Anion	Sulfate	Total	DNQ	0.145	mg/L	EPA 300.0	0.1	0.5			IP
2018/19-1	MO-CAM	field duplicate	11/22/2018	Bacteriological	E. Coli	n/a	=	2489	MPN/100 mL	MMO-MUG	10	10	-88	-88	
2018/19-1	MO-CAM	field duplicate	11/22/2018	Bacteriological	Total Coliform	n/a	=	248100	MPN/100 mL	MMO-MUG	1000	1000	-88	-88	
2018/19-1	000NONPJ	matrix spike	11/27/2018	Cation	Calcium	Total	=	589	mg/L	EPA 200.7	0.16	1			
2018/19-1	000NONPJ	matrix spike, rec	11/27/2018	Cation	Calcium	Total	=	100	%	EPA 200.7	-88	-88	70	130	
2018/19-1	000NONPJ	matrix spike dup	11/27/2018	Cation	Calcium	Total	=	596	mg/L	EPA 200.7	0.16	1			
2018/19-1	000NONPJ	matrix spike dup, rec	11/27/2018	Cation	Calcium	Total	=	113	%	EPA 200.7	-88	-88	70	130	
2018/19-1	000NONPJ	matrix spike, RPD	11/27/2018	Cation	Calcium	Total	=	1	%	EPA 200.7	-88	-88	0	30	
2018/19-1	Lab	method blank	11/26/2018	Cation	Calcium	Total	DNQ	0.028	mg/L	EPA 200.7	0.016	0.1			IP
2018/19-1	Lab	LCS	11/26/2018	Cation	Calcium	Total	=	52	mg/L	EPA 200.7	0.016	0.1			
2018/19-1	Lab	LCS, rec	11/26/2018	Cation	Calcium	Total	=	104	%	EPA 200.7	-88	-88	85	115	
2018/19-1	Lab	method blank	11/27/2018	Cation	Calcium	Total	<	0.016	mg/L	EPA 200.7	0.016	0.1			
2018/19-1	Lab	LCS	11/27/2018	Cation	Calcium	Total	=	50.6	mg/L	EPA 200.7	0.016	0.1			
2018/19-1	Lab	LCS, rec	11/27/2018	Cation	Calcium	Total	=	101	%	EPA 200.7	-88	-88	85	115	
2018/19-1	ME-CC	matrix spike	11/26/2018	Cation	Calcium	Total	=	112	mg/L	EPA 200.7	0.016	0.1			
2018/19-1	ME-CC	matrix spike, rec	11/26/2018	Cation	Calcium	Total	=	97	%	EPA 200.7	-88	-88	70	130	
2018/19-1	ME-CC	matrix spike dup	11/26/2018	Cation	Calcium	Total	=	114	mg/L	EPA 200.7	0.016	0.1			
2018/19-1	ME-CC	matrix spike dup, rec	11/26/2018	Cation	Calcium	Total	=	100	%	EPA 200.7	-88	-88	70	130	
2018/19-1	ME-CC	matrix spike, RPD	11/26/2018	Cation	Calcium	Total	=	1	%	EPA 200.7	-88	-88	0	30	
2018/19-1	ME-VR2	matrix spike	11/26/2018	Cation	Calcium	Total	=	197	mg/L	EPA 200.7	0.016	0.1			
2018/19-1	ME-VR2	matrix spike, rec	11/26/2018	Cation	Calcium	Total	=	94	%	EPA 200.7	-88	-88	70	130	
2018/19-1	ME-VR2	matrix spike dup	11/26/2018	Cation	Calcium	Total	=	197	mg/L	EPA 200.7	0.016	0.1			
2018/19-1	ME-VR2	matrix spike dup, rec	11/26/2018	Cation	Calcium	Total	=	93	%	EPA 200.7	-88	-88	70	130	
2018/19-1	ME-VR2	matrix spike, RPD	11/26/2018	Cation	Calcium	Total	=	0.2	%	EPA 200.7	-88	-88	0	30	
2018/19-1	000NONPJ	matrix spike	11/27/2018	Cation	Magnesium	Total	=	77.8	mg/L	EPA 200.7	0.12	1			
2018/19-1	000NONPJ	matrix spike, rec	11/27/2018	Cation	Magnesium	Total	=	99	%	EPA 200.7	-88	-88	70	130	
2018/19-1	000NONPJ	matrix spike dup	11/27/2018	Cation	Magnesium	Total	=	78.1	mg/L	EPA 200.7	0.12	1			
2018/19-1	000NONPJ	matrix spike dup, rec	11/27/2018	Cation	Magnesium	Total	=	100	%	EPA 200.7	-88	-88	70	130	
2018/19-1	000NONPJ	matrix spike, RPD	11/27/2018	Cation	Magnesium	Total	=	0.5	%	EPA 200.7	-88	-88	0	30	
2018/19-1	Lab	method blank	11/26/2018	Cation	Magnesium	Total	<	0.012	mg/L	EPA 200.7	0.012	0.1			
2018/19-1	Lab	LCS	11/26/2018	Cation	Magnesium	Total	=	51.3	mg/L	EPA 200.7	0.012	0.1			
2018/19-1	Lab	LCS, rec	11/26/2018	Cation	Magnesium	Total	=	102	%	EPA 200.7	-88	-88	85	115	
2018/19-1	Lab	method blank	11/27/2018	Cation	Magnesium	Total	<	0.012	mg/L	EPA 200.7	0.012	0.1			
2018/19-1	Lab	LCS	11/27/2018	Cation	Magnesium	Total	=	50.7	mg/L	EPA 200.7	0.012	0.1			
2018/19-1	Lab	LCS, rec	11/27/2018	Cation	Magnesium	Total	=	101	%	EPA 200.7	-88	-88	85	115	
2018/19-1	ME-CC	matrix spike	11/26/2018	Cation	Magnesium	Total	=	85	mg/L	EPA 200.7	0.012	0.1			
2018/19-1	ME-CC	matrix spike, rec	11/26/2018	Cation	Magnesium	Total	=	102	%	EPA 200.7	-88	-88	70	130	
2018/19-1	ME-CC	matrix spike dup	11/26/2018	Cation	Magnesium	Total	=	85.8	mg/L	EPA 200.7	0.012	0.1			
2018/19-1	ME-CC	matrix spike dup, rec	11/26/2018	Cation	Magnesium	Total	=	103	%	EPA 200.7	-88	-88	70	130	
2018/19-1	ME-CC	matrix spike, RPD	11/26/2018	Cation	Magnesium	Total	=	1	%	EPA 200.7	-88	-88	0	30	
2018/19-1	ME-VR2	matrix spike	11/26/2018	Cation	Magnesium	Total	=	90.5	mg/L	EPA 200.7	0.012	0.1			
2018/19-1	ME-VR2	matrix spike, rec	11/26/2018	Cation	Magnesium	Total	=	102	%	EPA 200.7	-88	-88	70	130	
2018/19-1	ME-VR2	matrix spike dup	11/26/2018	Cation	Magnesium	Total	=	90.9	mg/L	EPA 200.7	0.012	0.1			

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Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2018/19-1	ME-VR2	matrix spike dup, rec	11/26/2018	Cation	Magnesium	Total	=	102	%	EPA 200.7	-88	-88	70	130	
2018/19-1	ME-VR2	matrix spike, RPD	11/26/2018	Cation	Magnesium	Total	=	0.5	%	EPA 200.7	-88	-88	0	30	
2018/19-1	000NONPJ	matrix spike	11/27/2018	Cation	Potassium	Total	=	159	mg/L	EPA 200.7	0.81	1			
2018/19-1	000NONPJ	matrix spike, rec	11/27/2018	Cation	Potassium	Total	=	111	%	EPA 200.7	-88	-88	70	130	
2018/19-1	000NONPJ	matrix spike dup	11/27/2018	Cation	Potassium	Total	=	160	mg/L	EPA 200.7	0.81	1			
2018/19-1	000NONPJ	matrix spike dup, rec	11/27/2018	Cation	Potassium	Total	=	114	%	EPA 200.7	-88	-88	70	130	
2018/19-1	000NONPJ	matrix spike, RPD	11/27/2018	Cation	Potassium	Total	=	0.6	%	EPA 200.7	-88	-88	0	30	
2018/19-1	Lab	method blank	11/26/2018	Cation	Potassium	Total	DNQ	0.097	mg/L	EPA 200.7	0.081	0.1			IP
2018/19-1	Lab	LCS	11/26/2018	Cation	Potassium	Total	=	55	mg/L	EPA 200.7	0.081	0.1			
2018/19-1	Lab	LCS, rec	11/26/2018	Cation	Potassium	Total	=	110	%	EPA 200.7	-88	-88	85	115	
2018/19-1	Lab	method blank	11/27/2018	Cation	Potassium	Total	<	0.081	mg/L	EPA 200.7	0.081	0.1			
2018/19-1	Lab	LCS	11/27/2018	Cation	Potassium	Total	=	52.6	mg/L	EPA 200.7	0.081	0.1			
2018/19-1	Lab	LCS, rec	11/27/2018	Cation	Potassium	Total	=	105	%	EPA 200.7	-88	-88	85	115	
2018/19-1	ME-CC	matrix spike	11/26/2018	Cation	Potassium	Total	=	80.2	mg/L	EPA 200.7	0.081	0.1			
2018/19-1	ME-CC	matrix spike, rec	11/26/2018	Cation	Potassium	Total	=	115	%	EPA 200.7	-88	-88	70	130	
2018/19-1	ME-CC	matrix spike dup	11/26/2018	Cation	Potassium	Total	=	80.8	mg/L	EPA 200.7	0.081	0.1			
2018/19-1	ME-CC	matrix spike dup, rec	11/26/2018	Cation	Potassium	Total	=	116	%	EPA 200.7	-88	-88	70	130	
2018/19-1	ME-CC	matrix spike, RPD	11/26/2018	Cation	Potassium	Total	=	0.8	%	EPA 200.7	-88	-88	0	30	
2018/19-1	ME-VR2	matrix spike	11/26/2018	Cation	Potassium	Total	=	63.7	mg/L	EPA 200.7	0.081	0.1			
2018/19-1	ME-VR2	matrix spike, rec	11/26/2018	Cation	Potassium	Total	=	118	%	EPA 200.7	-88	-88	70	130	
2018/19-1	ME-VR2	matrix spike dup	11/26/2018	Cation	Potassium	Total	=	64.1	mg/L	EPA 200.7	0.081	0.1			
2018/19-1	ME-VR2	matrix spike dup, rec	11/26/2018	Cation	Potassium	Total	=	119	%	EPA 200.7	-88	-88	70	130	
2018/19-1	ME-VR2	matrix spike, RPD	11/26/2018	Cation	Potassium	Total	=	0.6	%	EPA 200.7	-88	-88	0	30	
2018/19-1	000NONPJ	matrix spike	11/27/2018	Cation	Sodium	Total	=	3470	mg/L	EPA 200.7	0.15	5			
2018/19-1	000NONPJ	matrix spike, rec	11/27/2018	Cation	Sodium	Total	=	116	%	EPA 200.7	-88	-88	70	130	
2018/19-1	000NONPJ	matrix spike dup	11/27/2018	Cation	Sodium	Total	=	3500	mg/L	EPA 200.7	0.15	5			GB
2018/19-1	000NONPJ	matrix spike dup, rec	11/27/2018	Cation	Sodium	Total	=	167	%	EPA 200.7	-88	-88	70	130	GB
2018/19-1	000NONPJ	matrix spike, RPD	11/27/2018	Cation	Sodium	Total	=	0.7	%	EPA 200.7	-88	-88	0	30	
2018/19-1	Lab	method blank	11/27/2018	Cation	Sodium	Total	<	0.015	mg/L	EPA 200.7	0.015	0.5			
2018/19-1	Lab	LCS	11/27/2018	Cation	Sodium	Total	=	49.9	mg/L	EPA 200.7	0.015	0.5			
2018/19-1	Lab	LCS, rec	11/27/2018	Cation	Sodium	Total	=	99	%	EPA 200.7	-88	-88	85	115	
2018/19-1	Lab	method blank	11/27/2018	Cation	Sodium	Total	DNQ	0.158	mg/L	EPA 200.7	0.015	0.5			IP
2018/19-1	Lab	LCS	11/27/2018	Cation	Sodium	Total	=	50.1	mg/L	EPA 200.7	0.015	0.5			
2018/19-1	Lab	LCS, rec	11/27/2018	Cation	Sodium	Total	=	100	%	EPA 200.7	-88	-88	85	115	
2018/19-1	ME-CC	matrix spike	11/27/2018	Cation	Sodium	Total	=	182	mg/L	EPA 200.7	0.015	0.5			
2018/19-1	ME-CC	matrix spike, rec	11/27/2018	Cation	Sodium	Total	=	94	%	EPA 200.7	-88	-88	70	130	
2018/19-1	ME-CC	matrix spike dup	11/27/2018	Cation	Sodium	Total	=	186	mg/L	EPA 200.7	0.015	0.5			
2018/19-1	ME-CC	matrix spike dup, rec	11/27/2018	Cation	Sodium	Total	=	102	%	EPA 200.7	-88	-88	70	130	
2018/19-1	ME-CC	matrix spike, RPD	11/27/2018	Cation	Sodium	Total	=	2	%	EPA 200.7	-88	-88	0	30	
2018/19-1	ME-VR2	matrix spike	11/27/2018	Cation	Sodium	Total	=	122	mg/L	EPA 200.7	0.015	0.5			
2018/19-1	ME-VR2	matrix spike, rec	11/27/2018	Cation	Sodium	Total	=	104	%	EPA 200.7	-88	-88	70	130	
2018/19-1	ME-VR2	matrix spike dup	11/27/2018	Cation	Sodium	Total	=	121	mg/L	EPA 200.7	0.015	0.5			
2018/19-1	ME-VR2	matrix spike dup, rec	11/27/2018	Cation	Sodium	Total	=	101	%	EPA 200.7	-88	-88	70	130	
2018/19-1	ME-VR2	matrix spike, RPD	11/27/2018	Cation	Sodium	Total	=	1	%	EPA 200.7	-88	-88	0	30	
2018/19-1	000NONPJ	lab duplicate	11/27/2018	Conventional	Alkalinity as CaCO3	n/a	=	190	mg/L	SM 2320 B	0.56	2		15	
2018/19-1	000NONPJ	lab duplicate	11/29/2018	Conventional	Alkalinity as CaCO3	n/a	=	189	mg/L	SM 2320 B	0.56	2		15	
2018/19-1	Lab	LCS	11/27/2018	Conventional	Alkalinity as CaCO3	n/a	=	253	mg/L	SM 2320 B	0.56	2			

Appendix F
Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2018/19-1	Lab	LCS, rec	11/27/2018	Conventional	Alkalinity as CaCO3	n/a	=	101	%	SM 2320 B	-88	-88	94	108	
2018/19-1	Lab	method blank	11/27/2018	Conventional	Alkalinity as CaCO3	n/a	DNQ	0.77	mg/L	SM 2320 B	0.56	2			IP
2018/19-1	Lab	LCS	11/29/2018	Conventional	Alkalinity as CaCO3	n/a	=	254	mg/L	SM 2320 B	0.56	2			
2018/19-1	Lab	LCS, rec	11/29/2018	Conventional	Alkalinity as CaCO3	n/a	=	102	%	SM 2320 B	-88	-88	94	108	
2018/19-1	Lab	method blank	11/29/2018	Conventional	Alkalinity as CaCO3	n/a	DNQ	0.77	mg/L	SM 2320 B	0.56	2			IP
2018/19-1	Lab	LCS	11/28/2018	Conventional	BOD	n/a	=	196	mg/L	SM 5210 B	2	2			
2018/19-1	Lab	LCS, rec	11/28/2018	Conventional	BOD	n/a	=	99	%	SM 5210 B	-88	-88	85	115	
2018/19-1	Lab	method blank	11/28/2018	Conventional	BOD	n/a	<	2	mg/L	SM 5210 B	2	2			
2018/19-1	Lab	method blank	11/28/2018	Conventional	BOD	n/a	<	2	mg/L	SM 5210 B	2	2			
2018/19-1	MO-HUE	lab duplicate	11/28/2018	Conventional	BOD	n/a	=	11	mg/L	SM 5210 B	2	2		20	
2018/19-1	000NONPJ	lab duplicate	12/10/2018	Conventional	COD	n/a	=	4150	mg/L	EPA 410.4	7.3	50		15	
2018/19-1	000NONPJ	matrix spike	12/10/2018	Conventional	COD	n/a	=	195	mg/L	EPA 410.4	1.5	10			
2018/19-1	000NONPJ	matrix spike dup	12/10/2018	Conventional	COD	n/a	=	195	mg/L	EPA 410.4	1.5	10			
2018/19-1	000NONPJ	matrix spike dup, rec	12/10/2018	Conventional	COD	n/a	=	97	%	EPA 410.4	-88	-88	90	110	
2018/19-1	000NONPJ	matrix spike, rec	12/10/2018	Conventional	COD	n/a	=	97	%	EPA 410.4	-88	-88	90	110	
2018/19-1	000NONPJ	matrix spike, RPD	12/10/2018	Conventional	COD	n/a	=	0	%	EPA 410.4	-88	-88	0	15	
2018/19-1	Lab	LCS	11/27/2018	Conventional	COD	n/a	=	943	mg/L	EPA 410.4	0.73	5			
2018/19-1	Lab	LCS, rec	11/27/2018	Conventional	COD	n/a	=	94	%	EPA 410.4	-88	-88	90	110	
2018/19-1	Lab	method blank	11/27/2018	Conventional	COD	n/a	<	0.73	mg/L	EPA 410.4	0.73	5			
2018/19-1	Lab	LCS	12/10/2018	Conventional	COD	n/a	=	964	mg/L	EPA 410.4	0.73	5			
2018/19-1	Lab	LCS, rec	12/10/2018	Conventional	COD	n/a	=	96	%	EPA 410.4	-88	-88	90	110	
2018/19-1	Lab	method blank	12/10/2018	Conventional	COD	n/a	<	0.73	mg/L	EPA 410.4	0.73	5			
2018/19-1	ME-CC	lab duplicate	11/27/2018	Conventional	COD	n/a	=	23.7	mg/L	EPA 410.4	0.73	5		15	
2018/19-1	ME-VR2	matrix spike	12/10/2018	Conventional	COD	n/a	=	195	mg/L	EPA 410.4	1.5	10			
2018/19-1	ME-VR2	matrix spike dup	12/10/2018	Conventional	COD	n/a	=	195	mg/L	EPA 410.4	1.5	10			
2018/19-1	ME-VR2	matrix spike dup, rec	12/10/2018	Conventional	COD	n/a	=	98	%	EPA 410.4	-88	-88	90	110	
2018/19-1	ME-VR2	matrix spike, rec	12/10/2018	Conventional	COD	n/a	=	98	%	EPA 410.4	-88	-88	90	110	
2018/19-1	ME-VR2	matrix spike, RPD	12/10/2018	Conventional	COD	n/a	=	0	%	EPA 410.4	-88	-88	0	15	
2018/19-1	MO-MPK	matrix spike	11/27/2018	Conventional	COD	n/a	=	2390	mg/L	EPA 410.4	1.5	10			
2018/19-1	MO-MPK	matrix spike dup	11/27/2018	Conventional	COD	n/a	=	2390	mg/L	EPA 410.4	1.5	10			
2018/19-1	MO-MPK	matrix spike dup, rec	11/27/2018	Conventional	COD	n/a	=	98	%	EPA 410.4	-88	-88	90	110	
2018/19-1	MO-MPK	matrix spike, rec	11/27/2018	Conventional	COD	n/a	=	98	%	EPA 410.4	-88	-88	90	110	
2018/19-1	MO-MPK	matrix spike, RPD	11/27/2018	Conventional	COD	n/a	=	0	%	EPA 410.4	-88	-88	0	15	
2018/19-1	MO-OJA	matrix spike	11/27/2018	Conventional	COD	n/a	=	2390	mg/L	EPA 410.4	1.5	10			
2018/19-1	MO-OJA	matrix spike dup	11/27/2018	Conventional	COD	n/a	=	2390	mg/L	EPA 410.4	1.5	10			
2018/19-1	MO-OJA	matrix spike dup, rec	11/27/2018	Conventional	COD	n/a	=	96	%	EPA 410.4	-88	-88	90	110	
2018/19-1	MO-OJA	matrix spike, rec	11/27/2018	Conventional	COD	n/a	=	96	%	EPA 410.4	-88	-88	90	110	
2018/19-1	MO-OJA	matrix spike, RPD	11/27/2018	Conventional	COD	n/a	=	0	%	EPA 410.4	-88	-88	0	15	
2018/19-1	000NONPJ	matrix spike	11/28/2018	Conventional	Cyanide	Total	=	0.0493	mg/L	ASTM D7511	0.0005	0.002			
2018/19-1	000NONPJ	matrix spike dup	11/28/2018	Conventional	Cyanide	Total	=	0.0507	mg/L	ASTM D7511	0.0005	0.002			
2018/19-1	000NONPJ	matrix spike dup, rec	11/28/2018	Conventional	Cyanide	Total	=	103	%	ASTM D7511	-88	-88	64	136	
2018/19-1	000NONPJ	matrix spike, rec	11/28/2018	Conventional	Cyanide	Total	=	100	%	ASTM D7511	-88	-88	64	136	
2018/19-1	000NONPJ	matrix spike, RPD	11/28/2018	Conventional	Cyanide	Total	=	3	%	ASTM D7511	-88	-88	0	47	
2018/19-1	000NONPJ	lab duplicate	12/6/2018	Conventional	Cyanide	Total	<	0.0005	mg/L	ASTM D7511	0.0005	0.002			
2018/19-1	000NONPJ	matrix spike	12/6/2018	Conventional	Cyanide	Total	=	0.0476	mg/L	ASTM D7511	0.0005	0.002			
2018/19-1	000NONPJ	matrix spike	12/6/2018	Conventional	Cyanide	Total	=	0.0456	mg/L	ASTM D7511	0.0005	0.002			
2018/19-1	000NONPJ	matrix spike dup	12/6/2018	Conventional	Cyanide	Total	=	0.0479	mg/L	ASTM D7511	0.0005	0.002			

Appendix F
Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2018/19-1	000NONPJ	matrix spike dup	12/6/2018	Conventional	Cyanide	Total	=	0.046	mg/L	ASTM D7511	0.0005	0.002			
2018/19-1	000NONPJ	matrix spike dup, rec	12/6/2018	Conventional	Cyanide	Total	=	93	%	ASTM D7511	-88	-88	64	136	
2018/19-1	000NONPJ	matrix spike dup, rec	12/6/2018	Conventional	Cyanide	Total	=	97	%	ASTM D7511	-88	-88	64	136	
2018/19-1	000NONPJ	matrix spike, rec	12/6/2018	Conventional	Cyanide	Total	=	97	%	ASTM D7511	-88	-88	64	136	
2018/19-1	000NONPJ	matrix spike, rec	12/6/2018	Conventional	Cyanide	Total	=	93	%	ASTM D7511	-88	-88	64	136	
2018/19-1	000NONPJ	matrix spike, RPD	12/6/2018	Conventional	Cyanide	Total	=	0.6	%	ASTM D7511	-88	-88	0	47	
2018/19-1	000NONPJ	matrix spike, RPD	12/6/2018	Conventional	Cyanide	Total	=	0.8	%	ASTM D7511	-88	-88	0	47	
2018/19-1	Lab	LCS	11/28/2018	Conventional	Cyanide	Total	=	0.0528	mg/L	ASTM D7511	0.0005	0.002			
2018/19-1	Lab	LCS, rec	11/28/2018	Conventional	Cyanide	Total	=	105	%	ASTM D7511	-88	-88	84	116	
2018/19-1	Lab	method blank	11/28/2018	Conventional	Cyanide	Total	<	0.0005	mg/L	ASTM D7511	0.0005	0.002			
2018/19-1	Lab	LCS	12/6/2018	Conventional	Cyanide	Total	=	0.0478	mg/L	ASTM D7511	0.0005	0.002			
2018/19-1	Lab	LCS, rec	12/6/2018	Conventional	Cyanide	Total	=	95	%	ASTM D7511	-88	-88	84	116	
2018/19-1	Lab	method blank	12/6/2018	Conventional	Cyanide	Total	<	0.0005	mg/L	ASTM D7511	0.0005	0.002			
2018/19-1	Lab	LCS	12/26/2018	Conventional	Cyanide	Total	=	0.0471	mg/L	ASTM D7511	0.0005	0.002			
2018/19-1	Lab	LCS, rec	12/26/2018	Conventional	Cyanide	Total	=	94	%	ASTM D7511	-88	-88	84	116	
2018/19-1	Lab	method blank	12/26/2018	Conventional	Cyanide	Total	<	0.0005	mg/L	ASTM D7511	0.0005	0.002			
2018/19-1	MO-CAM	field duplicate	11/28/2018	Conventional	Cyanide	Total	=	0.011	mg/L	ASTM D7511	0.0019	0.008			
2018/19-1	Lab	LCS	12/4/2018	Conventional	Dissolved Inorganic Carbon	Dissolved	=	10.2	mg/L	SM 5310 B	0.016	0.1			
2018/19-1	Lab	LCS dup	12/4/2018	Conventional	Dissolved Inorganic Carbon	Dissolved	=	10.1	mg/L	SM 5310 B	0.016	0.1			
2018/19-1	Lab	LCS dup, rec	12/4/2018	Conventional	Dissolved Inorganic Carbon	Dissolved	=	101	%	SM 5310 B	-88	-88	85	115	
2018/19-1	Lab	LCS, rec	12/4/2018	Conventional	Dissolved Inorganic Carbon	Dissolved	=	102	%	SM 5310 B	-88	-88	85	115	
2018/19-1	Lab	LCS, RPD	12/4/2018	Conventional	Dissolved Inorganic Carbon	Dissolved	=	1	%	SM 5310 B	-88	-88	0	20	
2018/19-1	Lab	method blank	12/4/2018	Conventional	Dissolved Inorganic Carbon	Dissolved	DNQ	0.0918	mg/L	SM 5310 B	0.016	0.1			IP
2018/19-1	000NONPJ	matrix spike	12/3/2018	Conventional	Dissolved Organic Carbon	Dissolved	=	6.49	mg/L	SM 5310 B	0.013	0.3			
2018/19-1	000NONPJ	matrix spike dup	12/3/2018	Conventional	Dissolved Organic Carbon	Dissolved	=	6.29	mg/L	SM 5310 B	0.013	0.3			
2018/19-1	000NONPJ	matrix spike dup, rec	12/3/2018	Conventional	Dissolved Organic Carbon	Dissolved	=	93	%	SM 5310 B	-88	-88	74	120	
2018/19-1	000NONPJ	matrix spike, rec	12/3/2018	Conventional	Dissolved Organic Carbon	Dissolved	=	98	%	SM 5310 B	-88	-88	74	120	
2018/19-1	000NONPJ	matrix spike, RPD	12/3/2018	Conventional	Dissolved Organic Carbon	Dissolved	=	3	%	SM 5310 B	-88	-88	0	20	
2018/19-1	Lab	LCS	12/3/2018	Conventional	Dissolved Organic Carbon	Dissolved	=	1.05	mg/L	SM 5310 B	0.013	0.3			
2018/19-1	Lab	LCS, rec	12/3/2018	Conventional	Dissolved Organic Carbon	Dissolved	=	105	%	SM 5310 B	-88	-88	85	115	
2018/19-1	Lab	method blank	12/3/2018	Conventional	Dissolved Organic Carbon	Dissolved	<	0.013	mg/L	SM 5310 B	0.013	0.3			
2018/19-1	Lab	LCS	11/23/2018	Conventional	MBAS	n/a	=	0.195	mg/L	SM 5540 C	0.019	0.05			
2018/19-1	Lab	LCS, rec	11/23/2018	Conventional	MBAS	n/a	=	97	%	SM 5540 C	-88	-88	82	115	
2018/19-1	Lab	method blank	11/23/2018	Conventional	MBAS	n/a	<	0.019	mg/L	SM 5540 C	0.019	0.05			
2018/19-1	ME-VR2	matrix spike	11/23/2018	Conventional	MBAS	n/a	=	0.23	mg/L	SM 5540 C	0.019	0.05			
2018/19-1	ME-VR2	matrix spike dup	11/23/2018	Conventional	MBAS	n/a	=	0.226	mg/L	SM 5540 C	0.019	0.05			
2018/19-1	ME-VR2	matrix spike dup, rec	11/23/2018	Conventional	MBAS	n/a	=	102	%	SM 5540 C	-88	-88	74	123	
2018/19-1	ME-VR2	matrix spike, rec	11/23/2018	Conventional	MBAS	n/a	=	104	%	SM 5540 C	-88	-88	74	123	
2018/19-1	ME-VR2	matrix spike, RPD	11/23/2018	Conventional	MBAS	n/a	=	2	%	SM 5540 C	-88	-88	0	20	
2018/19-1	000NONPJ	matrix spike	12/4/2018	Conventional	Phenolics	n/a	=	0.245	mg/L	EPA 420.4	0.0042	0.01			GB
2018/19-1	000NONPJ	matrix spike dup	12/4/2018	Conventional	Phenolics	n/a	=	0.242	mg/L	EPA 420.4	0.0042	0.01			GB
2018/19-1	000NONPJ	matrix spike dup, rec	12/4/2018	Conventional	Phenolics	n/a	=	242	%	EPA 420.4	-88	-88	90	110	GB
2018/19-1	000NONPJ	matrix spike, rec	12/4/2018	Conventional	Phenolics	n/a	=	245	%	EPA 420.4	-88	-88	90	110	GB
2018/19-1	000NONPJ	matrix spike, RPD	12/4/2018	Conventional	Phenolics	n/a	=	1	%	EPA 420.4	-88	-88	0	20	
2018/19-1	000NONPJ	matrix spike	12/6/2018	Conventional	Phenolics	n/a	=	0.249	mg/L	EPA 420.4	0.0042	0.01			
2018/19-1	000NONPJ	matrix spike dup	12/6/2018	Conventional	Phenolics	n/a	=	0.25	mg/L	EPA 420.4	0.0042	0.01			
2018/19-1	000NONPJ	matrix spike dup, rec	12/6/2018	Conventional	Phenolics	n/a	=	100	%	EPA 420.4	-88	-88	90	110	

Appendix F
Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2018/19-1	000NONPJ	matrix spike, rec	12/6/2018	Conventional	Phenolics	n/a	=	100	%	EPA 420.4	-88	-88	90	110	
2018/19-1	000NONPJ	matrix spike, RPD	12/6/2018	Conventional	Phenolics	n/a	=	0.04	%	EPA 420.4	-88	-88	0	20	
2018/19-1	000NONPJ	matrix spike	12/19/2018	Conventional	Phenolics	n/a	=	0.247	mg/L	EPA 420.4	0.0042	0.01			
2018/19-1	000NONPJ	matrix spike dup	12/19/2018	Conventional	Phenolics	n/a	=	0.246	mg/L	EPA 420.4	0.0042	0.01			
2018/19-1	000NONPJ	matrix spike dup, rec	12/19/2018	Conventional	Phenolics	n/a	=	98	%	EPA 420.4	-88	-88	90	110	
2018/19-1	000NONPJ	matrix spike, rec	12/19/2018	Conventional	Phenolics	n/a	=	99	%	EPA 420.4	-88	-88	90	110	
2018/19-1	000NONPJ	matrix spike, RPD	12/19/2018	Conventional	Phenolics	n/a	=	0.4	%	EPA 420.4	-88	-88	0	20	
2018/19-1	Lab	LCS	12/4/2018	Conventional	Phenolics	n/a	=	0.0976	mg/L	EPA 420.4	0.0042	0.01			EUM
2018/19-1	Lab	LCS, rec	12/4/2018	Conventional	Phenolics	n/a	=	244	%	EPA 420.4	-88	-88	90	110	EUM
2018/19-1	Lab	method blank	12/4/2018	Conventional	Phenolics	n/a	<	0.0042	mg/L	EPA 420.4	0.0042	0.01			
2018/19-1	Lab	LCS	12/6/2018	Conventional	Phenolics	n/a	=	0.0978	mg/L	EPA 420.4	0.0042	0.01			
2018/19-1	Lab	LCS, rec	12/6/2018	Conventional	Phenolics	n/a	=	98	%	EPA 420.4	-88	-88	90	110	
2018/19-1	Lab	method blank	12/6/2018	Conventional	Phenolics	n/a	<	0.0042	mg/L	EPA 420.4	0.0042	0.01			
2018/19-1	Lab	LCS	12/19/2018	Conventional	Phenolics	n/a	=	0.0969	mg/L	EPA 420.4	0.0042	0.01			
2018/19-1	Lab	LCS, rec	12/19/2018	Conventional	Phenolics	n/a	=	97	%	EPA 420.4	-88	-88	90	110	
2018/19-1	Lab	method blank	12/19/2018	Conventional	Phenolics	n/a	<	0.0042	mg/L	EPA 420.4	0.0042	0.01			
2018/19-1	000NONPJ	lab duplicate	11/28/2018	Conventional	Specific Conductance	n/a	=	653	µmhos/cm	SM 2510 B	0.23	2		4.28	
2018/19-1	000NONPJ	lab duplicate	12/3/2018	Conventional	Specific Conductance	n/a	=	774	µmhos/cm	SM 2510 B	0.23	2		4.28	
2018/19-1	Lab	LCS	11/28/2018	Conventional	Specific Conductance	n/a	=	301	µmhos/cm	SM 2510 B	0.23	2			
2018/19-1	Lab	LCS, rec	11/28/2018	Conventional	Specific Conductance	n/a	=	97	%	SM 2510 B	-88	-88	95	105	
2018/19-1	Lab	method blank	11/28/2018	Conventional	Specific Conductance	n/a	DNQ	0.77	µmhos/cm	SM 2510 B	0.23	2			IP
2018/19-1	Lab	LCS	12/3/2018	Conventional	Specific Conductance	n/a	=	303	µmhos/cm	SM 2510 B	0.23	2			
2018/19-1	Lab	LCS, rec	12/3/2018	Conventional	Specific Conductance	n/a	=	98	%	SM 2510 B	-88	-88	95	105	
2018/19-1	Lab	method blank	12/3/2018	Conventional	Specific Conductance	n/a	<	0.23	µmhos/cm	SM 2510 B	0.23	2			
2018/19-1	Lab	LCS	12/10/2018	Conventional	Specific Conductance	n/a	=	25200	µmhos/cm	SM 2510 B	0.23	2			
2018/19-1	Lab	LCS, rec	12/10/2018	Conventional	Specific Conductance	n/a	=	101	%	SM 2510 B	-88	-88	95	105	
2018/19-1	Lab	method blank	12/10/2018	Conventional	Specific Conductance	n/a	<	0.23	µmhos/cm	SM 2510 B	0.23	2			
2018/19-1	MO-HUE	lab duplicate	12/10/2018	Conventional	Specific Conductance	n/a	=	12300	µmhos/cm	SM 2510 B	0.23	2		4.28	
2018/19-1	Lab	LCS	11/23/2018	Conventional	Total Chlorine Residual	n/a	=	0.187	mg/L	SM 4500-Cl G	0.0015	0.05			
2018/19-1	Lab	LCS, rec	11/23/2018	Conventional	Total Chlorine Residual	n/a	=	94	%	SM 4500-Cl G	-88	-88	85	110	
2018/19-1	Lab	method blank	11/23/2018	Conventional	Total Chlorine Residual	n/a	<	0.0015	mg/L	SM 4500-Cl G	0.0015	0.05			
2018/19-1	ME-CC	matrix spike	11/23/2018	Conventional	Total Chlorine Residual	n/a	=	0.608	mg/L	SM 4500-Cl G	0.0015	0.05			GB
2018/19-1	ME-CC	matrix spike dup	11/23/2018	Conventional	Total Chlorine Residual	n/a	=	0.619	mg/L	SM 4500-Cl G	0.0015	0.05			GB
2018/19-1	ME-CC	matrix spike dup, rec	11/23/2018	Conventional	Total Chlorine Residual	n/a	=	42	%	SM 4500-Cl G	-88	-88	78	114	GB
2018/19-1	ME-CC	matrix spike, rec	11/23/2018	Conventional	Total Chlorine Residual	n/a	=	36	%	SM 4500-Cl G	-88	-88	78	114	GB
2018/19-1	ME-CC	matrix spike, RPD	11/23/2018	Conventional	Total Chlorine Residual	n/a	=	2	%	SM 4500-Cl G	-88	-88	0	15	
2018/19-1	ME-CC	matrix spike	12/31/2018	Conventional	Total Chlorine Residual	n/a	=	1.05	mg/L	SM 4500-Cl G	0.006	0.2			GB
2018/19-1	ME-CC	matrix spike dup	12/31/2018	Conventional	Total Chlorine Residual	n/a	=	1.01	mg/L	SM 4500-Cl G	0.006	0.2			GB
2018/19-1	ME-CC	matrix spike dup, rec	12/31/2018	Conventional	Total Chlorine Residual	n/a	=	59	%	SM 4500-Cl G	-88	-88	78	114	GB
2018/19-1	ME-CC	matrix spike, rec	12/31/2018	Conventional	Total Chlorine Residual	n/a	=	64	%	SM 4500-Cl G	-88	-88	78	114	GB
2018/19-1	ME-CC	matrix spike, RPD	12/31/2018	Conventional	Total Chlorine Residual	n/a	=	4	%	SM 4500-Cl G	-88	-88	0	15	
2018/19-1	000NONPJ	lab duplicate	11/26/2018	Conventional	Total Dissolved Solids	n/a	=	39300	mg/L	SM 2540 C	4	10		10	
2018/19-1	000NONPJ	lab duplicate	11/26/2018	Conventional	Total Dissolved Solids	n/a	=	6670	mg/L	SM 2540 C	4	10		10	
2018/19-1	Lab	LCS	11/26/2018	Conventional	Total Dissolved Solids	n/a	=	840	mg/L	SM 2540 C	4	10			
2018/19-1	Lab	LCS, rec	11/26/2018	Conventional	Total Dissolved Solids	n/a	=	102	%	SM 2540 C	-88	-88	96	102	
2018/19-1	Lab	method blank	11/26/2018	Conventional	Total Dissolved Solids	n/a	<	4	mg/L	SM 2540 C	4	10			
2018/19-1	Lab	LCS	11/27/2018	Conventional	Total Dissolved Solids	n/a	=	837	mg/L	SM 2540 C	4	10			

Appendix F
Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2018/19-1	Lab	LCS, rec	11/27/2018	Conventional	Total Dissolved Solids	n/a	=	102	%	SM 2540 C	-88	-88	96	102	
2018/19-1	Lab	method blank	11/27/2018	Conventional	Total Dissolved Solids	n/a	<	4	mg/L	SM 2540 C	4	10			
2018/19-1	MO-HUE	lab duplicate	11/27/2018	Conventional	Total Dissolved Solids	n/a	=	930	mg/L	SM 2540 C	4	10		10	
2018/19-1	MO-THO	lab duplicate	11/27/2018	Conventional	Total Dissolved Solids	n/a	=	1050	mg/L	SM 2540 C	4	10		10	
2018/19-1	000NONPJ	matrix spike	11/30/2018	Conventional	Total Organic Carbon	n/a	=	6.18	mg/L	SM 5310 B	0.016	0.1			
2018/19-1	000NONPJ	matrix spike dup	11/30/2018	Conventional	Total Organic Carbon	n/a	=	5.93	mg/L	SM 5310 B	0.016	0.1			
2018/19-1	000NONPJ	matrix spike dup, rec	11/30/2018	Conventional	Total Organic Carbon	n/a	=	96	%	SM 5310 B	-88	-88	76	115	
2018/19-1	000NONPJ	matrix spike, rec	11/30/2018	Conventional	Total Organic Carbon	n/a	=	101	%	SM 5310 B	-88	-88	76	115	
2018/19-1	000NONPJ	matrix spike, RPD	11/30/2018	Conventional	Total Organic Carbon	n/a	=	4	%	SM 5310 B	-88	-88	0	20	
2018/19-1	Lab	LCS	11/30/2018	Conventional	Total Organic Carbon	n/a	=	1.08	mg/L	SM 5310 B	0.016	0.1			
2018/19-1	Lab	LCS, rec	11/30/2018	Conventional	Total Organic Carbon	n/a	=	108	%	SM 5310 B	-88	-88	85	115	
2018/19-1	Lab	method blank	11/30/2018	Conventional	Total Organic Carbon	n/a	<	0.016	mg/L	SM 5310 B	0.016	0.1			
2018/19-1	000NONPJ	lab duplicate	11/26/2018	Conventional	Total Suspended Solids	n/a	=	6	mg/L	SM 2540 D	-88	5		20	
2018/19-1	000NONPJ	lab duplicate	11/27/2018	Conventional	Total Suspended Solids	n/a	=	11	mg/L	SM 2540 D	-88	5		20	
2018/19-1	Lab	LCS	11/26/2018	Conventional	Total Suspended Solids	n/a	=	63	mg/L	SM 2540 D	-88	5			
2018/19-1	Lab	LCS, rec	11/26/2018	Conventional	Total Suspended Solids	n/a	=	105	%	SM 2540 D	-88	-88	90	110	
2018/19-1	Lab	method blank	11/26/2018	Conventional	Total Suspended Solids	n/a	<	5	mg/L	SM 2540 D	-88	5			
2018/19-1	Lab	LCS	11/27/2018	Conventional	Total Suspended Solids	n/a	=	66	mg/L	SM 2540 D	-88	5			
2018/19-1	Lab	LCS, rec	11/27/2018	Conventional	Total Suspended Solids	n/a	=	100	%	SM 2540 D	-88	-88	90	110	
2018/19-1	Lab	method blank	11/27/2018	Conventional	Total Suspended Solids	n/a	<	5	mg/L	SM 2540 D	-88	5			
2018/19-1	MO-HUE	lab duplicate	11/27/2018	Conventional	Total Suspended Solids	n/a	=	67	mg/L	SM 2540 D	-88	5		20	
2018/19-1	MO-SIM	lab duplicate	11/26/2018	Conventional	Total Suspended Solids	n/a	=	492	mg/L	SM 2540 D	-88	5		20	
2018/19-1	Lab	LCS	11/23/2018	Conventional	Turbidity	n/a	=	6.9	NTU	EPA 180.1	0.024	0.1			
2018/19-1	Lab	LCS, rec	11/23/2018	Conventional	Turbidity	n/a	=	99	%	EPA 180.1	-88	-88	90	110	
2018/19-1	Lab	method blank	11/23/2018	Conventional	Turbidity	n/a	<	0.024	NTU	EPA 180.1	0.024	0.1			
2018/19-1	MO-OJA	lab duplicate	11/23/2018	Conventional	Turbidity	n/a	=	524	NTU	EPA 180.1	0.96	4		10	
2018/19-1	000NONPJ	lab duplicate	11/27/2018	Conventional	Volatile Suspended Solids	n/a	=	8	mg/L	EPA 160.4	3.1	5		15	
2018/19-1	Lab	LCS	11/26/2018	Conventional	Volatile Suspended Solids	n/a	=	46	mg/L	EPA 160.4	3.1	5			
2018/19-1	Lab	LCS, rec	11/26/2018	Conventional	Volatile Suspended Solids	n/a	=	108	%	EPA 160.4	-88	-88	90	110	
2018/19-1	Lab	method blank	11/26/2018	Conventional	Volatile Suspended Solids	n/a	<	3.1	mg/L	EPA 160.4	3.1	5			
2018/19-1	Lab	LCS	11/27/2018	Conventional	Volatile Suspended Solids	n/a	=	48	mg/L	EPA 160.4	3.1	5			
2018/19-1	Lab	LCS, rec	11/27/2018	Conventional	Volatile Suspended Solids	n/a	=	102	%	EPA 160.4	-88	-88	90	110	
2018/19-1	Lab	method blank	11/27/2018	Conventional	Volatile Suspended Solids	n/a	<	3.1	mg/L	EPA 160.4	3.1	5			
2018/19-1	MO-HUE	lab duplicate	11/27/2018	Conventional	Volatile Suspended Solids	n/a	=	20	mg/L	EPA 160.4	3.1	5		15	
2018/19-1	MO-SIM	lab duplicate	11/26/2018	Conventional	Volatile Suspended Solids	n/a	=	120	mg/L	EPA 160.4	3.1	5		15	
2018/19-1	Lab	method blank	11/30/2018	Hydrocarbon	Diesel Range Organics	n/a	DNQ	0.0331	mg/L	EPA 8015D	0.024	0.1			IP
2018/19-1	Lab	LCS	11/30/2018	Hydrocarbon	Diesel Range Organics	n/a	=	0.323	mg/L	EPA 8015D	0.024	0.1			
2018/19-1	Lab	LCS, rec	11/30/2018	Hydrocarbon	Diesel Range Organics	n/a	=	65	%	EPA 8015D	-88	-88	56	136	
2018/19-1	Lab	LCS dup	11/30/2018	Hydrocarbon	Diesel Range Organics	n/a	=	0.348	mg/L	EPA 8015D	0.024	0.1			
2018/19-1	Lab	LCS dup, rec	11/30/2018	Hydrocarbon	Diesel Range Organics	n/a	=	70	%	EPA 8015D	-88	-88	56	136	
2018/19-1	Lab	LCS, RPD	11/30/2018	Hydrocarbon	Diesel Range Organics	n/a	=	8	%	EPA 8015D	-88	-88	0	25	
2018/19-1	Lab	LCS	11/30/2018	Hydrocarbon	Gasoline Range Organics	n/a	=	0.88	mg/L	LUFT GC/MS	0.012	0.1			
2018/19-1	Lab	LCS, rec	11/30/2018	Hydrocarbon	Gasoline Range Organics	n/a	=	88	%	LUFT GC/MS	-88	-88	53	136	
2018/19-1	Lab	LCS dup	11/30/2018	Hydrocarbon	Gasoline Range Organics	n/a	=	0.89	mg/L	LUFT GC/MS	0.012	0.1			
2018/19-1	Lab	LCS dup, rec	11/30/2018	Hydrocarbon	Gasoline Range Organics	n/a	=	89	%	LUFT GC/MS	-88	-88	53	136	
2018/19-1	Lab	LCS, RPD	11/30/2018	Hydrocarbon	Gasoline Range Organics	n/a	=	1	%	LUFT GC/MS	-88	-88	0	25	
2018/19-1	Lab	method blank	11/30/2018	Hydrocarbon	Gasoline Range Organics	n/a	<	0.012	mg/L	LUFT GC/MS	0.012	0.1			

Appendix F
Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2018/19-1	MO-CAM	field duplicate	11/30/2018	Hydrocarbon	Gasoline Range Organics	n/a	DNQ	0.04	mg/L	LUFT GC/MS	0.012	0.1			
2018/19-1	Lab	srgt method blank	11/30/2018	Hydrocarbon	n-Tetracosane	n/a	=	0.283	mg/L	EPA 8015D	-88	-88			
2018/19-1	Lab	srgt method blank, rec	11/30/2018	Hydrocarbon	n-Tetracosane	n/a	=	113	%	EPA 8015D	-88	-88	64	155	
2018/19-1	Lab	srgt LCS	11/30/2018	Hydrocarbon	n-Tetracosane	n/a	=	0.263	mg/L	EPA 8015D	-88	-88			
2018/19-1	Lab	srgt LCS, rec	11/30/2018	Hydrocarbon	n-Tetracosane	n/a	=	105	%	EPA 8015D	-88	-88	64	155	
2018/19-1	Lab	srgt LCS dup	11/30/2018	Hydrocarbon	n-Tetracosane	n/a	=	0.258	mg/L	EPA 8015D	-88	-88			
2018/19-1	Lab	srgt LCS dup, rec	11/30/2018	Hydrocarbon	n-Tetracosane	n/a	=	103	%	EPA 8015D	-88	-88	64	155	
2018/19-1	ME-CC	srgt environ	11/30/2018	Hydrocarbon	n-Tetracosane	n/a	=	0.226	mg/L	EPA 8015D	-88	-88			
2018/19-1	ME-CC	srgt environ, rec	11/30/2018	Hydrocarbon	n-Tetracosane	n/a	=	90	%	EPA 8015D	-88	-88	64	155	
2018/19-1	ME-VR2	srgt environ	11/30/2018	Hydrocarbon	n-Tetracosane	n/a	=	0.252	mg/L	EPA 8015D	-88	-88			
2018/19-1	ME-VR2	srgt environ, rec	11/30/2018	Hydrocarbon	n-Tetracosane	n/a	=	101	%	EPA 8015D	-88	-88	64	155	
2018/19-1	MO-CAM	srgt environ	11/30/2018	Hydrocarbon	n-Tetracosane	n/a	=	0.254	mg/L	EPA 8015D	-88	-88			
2018/19-1	MO-CAM	srgt environ, rec	11/30/2018	Hydrocarbon	n-Tetracosane	n/a	=	101	%	EPA 8015D	-88	-88	64	155	
2018/19-1	MO-FIL	srgt environ	11/30/2018	Hydrocarbon	n-Tetracosane	n/a	=	0.258	mg/L	EPA 8015D	-88	-88			
2018/19-1	MO-FIL	srgt environ, rec	11/30/2018	Hydrocarbon	n-Tetracosane	n/a	=	103	%	EPA 8015D	-88	-88	64	155	
2018/19-1	MO-HUE	srgt environ	12/1/2018	Hydrocarbon	n-Tetracosane	n/a	=	0.24	mg/L	EPA 8015D	-88	-88			
2018/19-1	MO-HUE	srgt environ, rec	12/1/2018	Hydrocarbon	n-Tetracosane	n/a	=	96	%	EPA 8015D	-88	-88	64	155	
2018/19-1	MO-MEI	srgt environ	11/30/2018	Hydrocarbon	n-Tetracosane	n/a	=	0.246	mg/L	EPA 8015D	-88	-88			
2018/19-1	MO-MEI	srgt environ, rec	11/30/2018	Hydrocarbon	n-Tetracosane	n/a	=	98	%	EPA 8015D	-88	-88	64	155	
2018/19-1	MO-MPK	srgt environ	12/1/2018	Hydrocarbon	n-Tetracosane	n/a	=	0.203	mg/L	EPA 8015D	-88	-88			
2018/19-1	MO-MPK	srgt environ, rec	12/1/2018	Hydrocarbon	n-Tetracosane	n/a	=	81	%	EPA 8015D	-88	-88	64	155	
2018/19-1	MO-OJA	srgt environ	11/30/2018	Hydrocarbon	n-Tetracosane	n/a	=	1.22	mg/L	EPA 8015D	-88	-88			
2018/19-1	MO-OJA	srgt environ, rec	11/30/2018	Hydrocarbon	n-Tetracosane	n/a	=	98	%	EPA 8015D	-88	-88	64	155	
2018/19-1	MO-OXN	srgt environ	12/1/2018	Hydrocarbon	n-Tetracosane	n/a	=	0.248	mg/L	EPA 8015D	-88	-88			
2018/19-1	MO-OXN	srgt environ, rec	12/1/2018	Hydrocarbon	n-Tetracosane	n/a	=	99	%	EPA 8015D	-88	-88	64	155	
2018/19-1	MO-SIM	srgt environ	11/30/2018	Hydrocarbon	n-Tetracosane	n/a	=	0.233	mg/L	EPA 8015D	-88	-88			
2018/19-1	MO-SIM	srgt environ, rec	11/30/2018	Hydrocarbon	n-Tetracosane	n/a	=	93	%	EPA 8015D	-88	-88	64	155	
2018/19-1	MO-SPA	srgt environ	11/30/2018	Hydrocarbon	n-Tetracosane	n/a	=	0.274	mg/L	EPA 8015D	-88	-88			
2018/19-1	MO-SPA	srgt environ, rec	11/30/2018	Hydrocarbon	n-Tetracosane	n/a	=	110	%	EPA 8015D	-88	-88	64	155	
2018/19-1	MO-THO	srgt environ	12/1/2018	Hydrocarbon	n-Tetracosane	n/a	=	0.229	mg/L	EPA 8015D	-88	-88			
2018/19-1	MO-THO	srgt environ, rec	12/1/2018	Hydrocarbon	n-Tetracosane	n/a	=	92	%	EPA 8015D	-88	-88	64	155	
2018/19-1	MO-VEN	srgt environ	11/30/2018	Hydrocarbon	n-Tetracosane	n/a	=	0.265	mg/L	EPA 8015D	-88	-88			
2018/19-1	MO-VEN	srgt environ, rec	11/30/2018	Hydrocarbon	n-Tetracosane	n/a	=	106	%	EPA 8015D	-88	-88	64	155	
2018/19-1	Lab	LCS	11/28/2018	Hydrocarbon	Oil and Grease	n/a	=	18.1	mg/L	EPA 1664A	1.3	5			
2018/19-1	Lab	LCS	11/28/2018	Hydrocarbon	Oil and Grease	n/a	DNQ	4.2	mg/L	EPA 1664A	1.3	5			
2018/19-1	Lab	LCS, rec	11/28/2018	Hydrocarbon	Oil and Grease	n/a	=	90	%	EPA 1664A	-88	-88	78	114	
2018/19-1	Lab	LCS, rec	11/28/2018	Hydrocarbon	Oil and Grease	n/a	=	84	%	EPA 1664A	-88	-88	78	114	
2018/19-1	Lab	method blank	11/28/2018	Hydrocarbon	Oil and Grease	n/a	<	1.3	mg/L	EPA 1664A	1.3	5			
2018/19-1	Lab	LCS	12/4/2018	Hydrocarbon	Oil and Grease	n/a	=	18.4	mg/L	EPA 1664A	1.3	5			
2018/19-1	Lab	LCS	12/4/2018	Hydrocarbon	Oil and Grease	n/a	DNQ	4.2	mg/L	EPA 1664A	1.3	5			
2018/19-1	Lab	LCS dup	12/4/2018	Hydrocarbon	Oil and Grease	n/a	=	18.2	mg/L	EPA 1664A	1.3	5			
2018/19-1	Lab	LCS dup, rec	12/4/2018	Hydrocarbon	Oil and Grease	n/a	=	91	%	EPA 1664A	-88	-88	78	114	
2018/19-1	Lab	LCS, rec	12/4/2018	Hydrocarbon	Oil and Grease	n/a	=	84	%	EPA 1664A	-88	-88	78	114	
2018/19-1	Lab	LCS, rec	12/4/2018	Hydrocarbon	Oil and Grease	n/a	=	92	%	EPA 1664A	-88	-88	78	114	
2018/19-1	Lab	LCS, RPD	12/4/2018	Hydrocarbon	Oil and Grease	n/a	=	1	%	EPA 1664A	-88	-88	0	18	
2018/19-1	Lab	method blank	12/4/2018	Hydrocarbon	Oil and Grease	n/a	<	1.3	mg/L	EPA 1664A	1.3	5			
2018/19-1	MO-CAM	field duplicate	11/28/2018	Hydrocarbon	Oil and Grease	n/a	DNQ	4.8	mg/L	EPA 1664A	1.3	5			

Appendix F
Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2018/19-1	MO-CAM	matrix spike	11/28/2018	Hydrocarbon	Oil and Grease	n/a	=	28.3	mg/L	EPA 1664A	1.3	5			
2018/19-1	MO-CAM	matrix spike dup	11/28/2018	Hydrocarbon	Oil and Grease	n/a	=	27.3	mg/L	EPA 1664A	1.3	5			
2018/19-1	MO-CAM	matrix spike dup, rec	11/28/2018	Hydrocarbon	Oil and Grease	n/a	=	104	%	EPA 1664A	-88	-88	78	114	
2018/19-1	MO-CAM	matrix spike, rec	11/28/2018	Hydrocarbon	Oil and Grease	n/a	=	104	%	EPA 1664A	-88	-88	78	114	
2018/19-1	MO-CAM	matrix spike, RPD	11/28/2018	Hydrocarbon	Oil and Grease	n/a	=	4	%	EPA 1664A	-88	-88	0	18	
2018/19-1	Lab	method blank	11/30/2018	Hydrocarbon	Oil Range Organics	n/a	<	0.33	mg/L	EPA 8015D	0.33	0.5			
2018/19-1	Lab	method blank	11/28/2018	Metal	Aluminum	Dissolved	DNQ	1.6	µg/L	EPA 200.8	1.3	5			IP
2018/19-1	Lab	LCS	11/28/2018	Metal	Aluminum	Dissolved	=	49.9	µg/L	EPA 200.8	1.3	5			
2018/19-1	Lab	LCS, rec	11/28/2018	Metal	Aluminum	Dissolved	=	100	%	EPA 200.8	-88	-88	85	115	
2018/19-1	Lab	method blank	11/29/2018	Metal	Aluminum	Dissolved	<	1.3	µg/L	EPA 200.8	1.3	5			
2018/19-1	Lab	LCS	11/29/2018	Metal	Aluminum	Dissolved	=	50.2	µg/L	EPA 200.8	1.3	5			
2018/19-1	Lab	LCS, rec	11/29/2018	Metal	Aluminum	Dissolved	=	101	%	EPA 200.8	-88	-88	85	115	
2018/19-1	Lab	method blank	11/28/2018	Metal	Aluminum	Total	<	1.3	µg/L	EPA 200.8	1.3	5			
2018/19-1	Lab	LCS	11/28/2018	Metal	Aluminum	Total	=	49.9	µg/L	EPA 200.8	1.3	5			
2018/19-1	Lab	LCS, rec	11/28/2018	Metal	Aluminum	Total	=	100	%	EPA 200.8	-88	-88	85	115	
2018/19-1	Lab	method blank	11/29/2018	Metal	Aluminum	Total	<	1.3	µg/L	EPA 200.8	1.3	5			
2018/19-1	Lab	LCS	11/29/2018	Metal	Aluminum	Total	=	50.2	µg/L	EPA 200.8	1.3	5			
2018/19-1	Lab	LCS, rec	11/29/2018	Metal	Aluminum	Total	=	101	%	EPA 200.8	-88	-88	85	115	
2018/19-1	Lab	method blank	12/3/2018	Metal	Aluminum	Total	<	1.3	µg/L	EPA 200.8	1.3	5			
2018/19-1	Lab	LCS	12/3/2018	Metal	Aluminum	Total	=	50.8	µg/L	EPA 200.8	1.3	5			
2018/19-1	Lab	LCS, rec	12/3/2018	Metal	Aluminum	Total	=	102	%	EPA 200.8	-88	-88	85	115	
2018/19-1	MO-CAM	matrix spike	11/29/2018	Metal	Aluminum	Total	=	5980	µg/L	EPA 200.8	1.3	5			GB
2018/19-1	MO-CAM	matrix spike, rec	11/29/2018	Metal	Aluminum	Total	=	1050	%	EPA 200.8	-88	-88	70	130	GB
2018/19-1	MO-CAM	matrix spike dup	11/29/2018	Metal	Aluminum	Total	=	5470	µg/L	EPA 200.8	1.3	5			GB
2018/19-1	MO-CAM	matrix spike dup, rec	11/29/2018	Metal	Aluminum	Total	=	15	%	EPA 200.8	-88	-88	70	130	GB
2018/19-1	MO-CAM	matrix spike, RPD	11/29/2018	Metal	Aluminum	Total	=	9	%	EPA 200.8	-88	-88	0	30	
2018/19-1	MO-CAM	matrix spike dup	12/3/2018	Metal	Aluminum	Total	=	5550	µg/L	EPA 200.8	1.3	50			GB
2018/19-1	MO-CAM	matrix spike dup, rec	12/3/2018	Metal	Aluminum	Total	=	182	%	EPA 200.8	-88	-88	70	130	GB
2018/19-1	MO-CAM	matrix spike, RPD	12/3/2018	Metal	Aluminum	Total	=	10	%	EPA 200.8	-88	-88	0	30	
2018/19-1	MO-CAM	matrix spike	12/3/2018	Metal	Aluminum	Total	=	6100	µg/L	EPA 200.8	1.3	50			GB
2018/19-1	MO-CAM	matrix spike, rec	12/3/2018	Metal	Aluminum	Total	=	1290	%	EPA 200.8	-88	-88	70	130	GB
2018/19-1	MO-THO	matrix spike	11/28/2018	Metal	Aluminum	Total	=	4130	µg/L	EPA 200.8	1.3	5			GB
2018/19-1	MO-THO	matrix spike, rec	11/28/2018	Metal	Aluminum	Total	=	974	%	EPA 200.8	-88	-88	70	130	GB
2018/19-1	MO-THO	matrix spike dup	11/28/2018	Metal	Aluminum	Total	=	4300	µg/L	EPA 200.8	1.3	5			
2018/19-1	MO-THO	matrix spike dup, rec	11/28/2018	Metal	Aluminum	Total	=	130	%	EPA 200.8	-88	-88	70	130	
2018/19-1	MO-THO	matrix spike, RPD	11/28/2018	Metal	Aluminum	Total	=	4	%	EPA 200.8	-88	-88	0	30	
2018/19-1	MO-VEN	matrix spike	11/29/2018	Metal	Aluminum	Total	=	3870	µg/L	EPA 200.8	1.3	5			GB
2018/19-1	MO-VEN	matrix spike, rec	11/29/2018	Metal	Aluminum	Total	=	449	%	EPA 200.8	-88	-88	70	130	GB
2018/19-1	MO-VEN	matrix spike dup	11/29/2018	Metal	Aluminum	Total	=	3480	µg/L	EPA 200.8	1.3	5			GB
2018/19-1	MO-VEN	matrix spike dup, rec	11/29/2018	Metal	Aluminum	Total	=	-34	%	EPA 200.8	-88	-88	70	130	GB
2018/19-1	MO-VEN	matrix spike, RPD	11/29/2018	Metal	Aluminum	Total	=	11	%	EPA 200.8	-88	-88	0	30	
2018/19-1	Lab	method blank	11/28/2018	Metal	Antimony	Dissolved	<	0.045	µg/L	EPA 200.8	0.045	0.5			
2018/19-1	Lab	LCS	11/28/2018	Metal	Antimony	Dissolved	=	48.3	µg/L	EPA 200.8	0.045	0.5			
2018/19-1	Lab	LCS, rec	11/28/2018	Metal	Antimony	Dissolved	=	97	%	EPA 200.8	-88	-88	85	115	
2018/19-1	Lab	method blank	11/29/2018	Metal	Antimony	Dissolved	<	0.045	µg/L	EPA 200.8	0.045	0.5			
2018/19-1	Lab	LCS	11/29/2018	Metal	Antimony	Dissolved	=	50.7	µg/L	EPA 200.8	0.045	0.5			
2018/19-1	Lab	LCS, rec	11/29/2018	Metal	Antimony	Dissolved	=	102	%	EPA 200.8	-88	-88	85	115	

Appendix F
Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2018/19-1	Lab	method blank	11/28/2018	Metal	Antimony	Total	<	0.045	µg/L	EPA 200.8	0.045	0.5			
2018/19-1	Lab	LCS	11/28/2018	Metal	Antimony	Total	=	48.3	µg/L	EPA 200.8	0.045	0.5			
2018/19-1	Lab	LCS, rec	11/28/2018	Metal	Antimony	Total	=	97	%	EPA 200.8	-88	-88	85	115	
2018/19-1	Lab	method blank	11/29/2018	Metal	Antimony	Total	<	0.045	µg/L	EPA 200.8	0.045	0.5			
2018/19-1	Lab	LCS	11/29/2018	Metal	Antimony	Total	=	50.7	µg/L	EPA 200.8	0.045	0.5			
2018/19-1	Lab	LCS, rec	11/29/2018	Metal	Antimony	Total	=	102	%	EPA 200.8	-88	-88	85	115	
2018/19-1	MO-CAM	matrix spike	11/29/2018	Metal	Antimony	Total	=	45.3	µg/L	EPA 200.8	0.045	0.5			
2018/19-1	MO-CAM	matrix spike, rec	11/29/2018	Metal	Antimony	Total	=	86	%	EPA 200.8	-88	-88	70	130	
2018/19-1	MO-CAM	matrix spike dup	11/29/2018	Metal	Antimony	Total	=	46.3	µg/L	EPA 200.8	0.045	0.5			
2018/19-1	MO-CAM	matrix spike dup, rec	11/29/2018	Metal	Antimony	Total	=	88	%	EPA 200.8	-88	-88	70	130	
2018/19-1	MO-CAM	matrix spike, RPD	11/29/2018	Metal	Antimony	Total	=	2	%	EPA 200.8	-88	-88	0	30	
2018/19-1	MO-THO	matrix spike	11/28/2018	Metal	Antimony	Total	=	42.1	µg/L	EPA 200.8	0.045	0.5			
2018/19-1	MO-THO	matrix spike, rec	11/28/2018	Metal	Antimony	Total	=	83	%	EPA 200.8	-88	-88	70	130	
2018/19-1	MO-THO	matrix spike dup	11/28/2018	Metal	Antimony	Total	=	41.4	µg/L	EPA 200.8	0.045	0.5			
2018/19-1	MO-THO	matrix spike dup, rec	11/28/2018	Metal	Antimony	Total	=	82	%	EPA 200.8	-88	-88	70	130	
2018/19-1	MO-THO	matrix spike, RPD	11/28/2018	Metal	Antimony	Total	=	2	%	EPA 200.8	-88	-88	0	30	
2018/19-1	MO-VEN	matrix spike	11/29/2018	Metal	Antimony	Total	=	47.6	µg/L	EPA 200.8	0.045	0.5			
2018/19-1	MO-VEN	matrix spike, rec	11/29/2018	Metal	Antimony	Total	=	90	%	EPA 200.8	-88	-88	70	130	
2018/19-1	MO-VEN	matrix spike dup	11/29/2018	Metal	Antimony	Total	=	52.6	µg/L	EPA 200.8	0.045	0.5			
2018/19-1	MO-VEN	matrix spike dup, rec	11/29/2018	Metal	Antimony	Total	=	100	%	EPA 200.8	-88	-88	70	130	
2018/19-1	MO-VEN	matrix spike, RPD	11/29/2018	Metal	Antimony	Total	=	10	%	EPA 200.8	-88	-88	0	30	
2018/19-1	Lab	method blank	11/28/2018	Metal	Arsenic	Dissolved	<	0.074	µg/L	EPA 200.8	0.074	0.4			
2018/19-1	Lab	LCS	11/28/2018	Metal	Arsenic	Dissolved	=	48.3	µg/L	EPA 200.8	0.074	0.4			
2018/19-1	Lab	LCS, rec	11/28/2018	Metal	Arsenic	Dissolved	=	97	%	EPA 200.8	-88	-88	85	115	
2018/19-1	Lab	method blank	11/29/2018	Metal	Arsenic	Dissolved	<	0.074	µg/L	EPA 200.8	0.074	0.4			
2018/19-1	Lab	LCS	11/29/2018	Metal	Arsenic	Dissolved	=	48.5	µg/L	EPA 200.8	0.074	0.4			
2018/19-1	Lab	LCS, rec	11/29/2018	Metal	Arsenic	Dissolved	=	97	%	EPA 200.8	-88	-88	85	115	
2018/19-1	Lab	method blank	11/28/2018	Metal	Arsenic	Total	<	0.074	µg/L	EPA 200.8	0.074	0.4			
2018/19-1	Lab	LCS	11/28/2018	Metal	Arsenic	Total	=	48.3	µg/L	EPA 200.8	0.074	0.4			
2018/19-1	Lab	LCS, rec	11/28/2018	Metal	Arsenic	Total	=	97	%	EPA 200.8	-88	-88	85	115	
2018/19-1	Lab	method blank	11/29/2018	Metal	Arsenic	Total	<	0.074	µg/L	EPA 200.8	0.074	0.4			
2018/19-1	Lab	LCS	11/29/2018	Metal	Arsenic	Total	=	48.5	µg/L	EPA 200.8	0.074	0.4			
2018/19-1	Lab	LCS, rec	11/29/2018	Metal	Arsenic	Total	=	97	%	EPA 200.8	-88	-88	85	115	
2018/19-1	MO-CAM	matrix spike	11/29/2018	Metal	Arsenic	Total	=	53.4	µg/L	EPA 200.8	0.074	0.4			
2018/19-1	MO-CAM	matrix spike, rec	11/29/2018	Metal	Arsenic	Total	=	99	%	EPA 200.8	-88	-88	70	130	
2018/19-1	MO-CAM	matrix spike dup	11/29/2018	Metal	Arsenic	Total	=	52.9	µg/L	EPA 200.8	0.074	0.4			
2018/19-1	MO-CAM	matrix spike dup, rec	11/29/2018	Metal	Arsenic	Total	=	98	%	EPA 200.8	-88	-88	70	130	
2018/19-1	MO-CAM	matrix spike, RPD	11/29/2018	Metal	Arsenic	Total	=	0.8	%	EPA 200.8	-88	-88	0	30	
2018/19-1	MO-THO	matrix spike	11/28/2018	Metal	Arsenic	Total	=	52.6	µg/L	EPA 200.8	0.074	0.4			
2018/19-1	MO-THO	matrix spike, rec	11/28/2018	Metal	Arsenic	Total	=	97	%	EPA 200.8	-88	-88	70	130	
2018/19-1	MO-THO	matrix spike dup	11/28/2018	Metal	Arsenic	Total	=	53.6	µg/L	EPA 200.8	0.074	0.4			
2018/19-1	MO-THO	matrix spike dup, rec	11/28/2018	Metal	Arsenic	Total	=	99	%	EPA 200.8	-88	-88	70	130	
2018/19-1	MO-THO	matrix spike, RPD	11/28/2018	Metal	Arsenic	Total	=	2	%	EPA 200.8	-88	-88	0	30	
2018/19-1	MO-VEN	matrix spike	11/29/2018	Metal	Arsenic	Total	=	52.4	µg/L	EPA 200.8	0.074	0.4			
2018/19-1	MO-VEN	matrix spike, rec	11/29/2018	Metal	Arsenic	Total	=	98	%	EPA 200.8	-88	-88	70	130	
2018/19-1	MO-VEN	matrix spike dup	11/29/2018	Metal	Arsenic	Total	=	51.3	µg/L	EPA 200.8	0.074	0.4			
2018/19-1	MO-VEN	matrix spike dup, rec	11/29/2018	Metal	Arsenic	Total	=	96	%	EPA 200.8	-88	-88	70	130	

Appendix F
Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2018/19-1	MO-VEN	matrix spike, RPD	11/29/2018	Metal	Arsenic	Total	=	2	%	EPA 200.8	-88	-88	0	30	
2018/19-1	Lab	method blank	11/28/2018	Metal	Barium	Total	<	0.071	µg/L	EPA 200.8	0.071	0.5			
2018/19-1	Lab	LCS	11/28/2018	Metal	Barium	Total	=	48.8	µg/L	EPA 200.8	0.071	0.5			
2018/19-1	Lab	LCS, rec	11/28/2018	Metal	Barium	Total	=	98	%	EPA 200.8	-88	-88	85	115	
2018/19-1	Lab	method blank	11/29/2018	Metal	Barium	Total	<	0.071	µg/L	EPA 200.8	0.071	0.5			
2018/19-1	Lab	LCS	11/29/2018	Metal	Barium	Total	=	50.6	µg/L	EPA 200.8	0.071	0.5			
2018/19-1	Lab	LCS, rec	11/29/2018	Metal	Barium	Total	=	101	%	EPA 200.8	-88	-88	85	115	
2018/19-1	MO-CAM	matrix spike	11/29/2018	Metal	Barium	Total	=	156	µg/L	EPA 200.8	0.071	0.5			
2018/19-1	MO-CAM	matrix spike, rec	11/29/2018	Metal	Barium	Total	=	113	%	EPA 200.8	-88	-88	70	130	
2018/19-1	MO-CAM	matrix spike dup	11/29/2018	Metal	Barium	Total	=	149	µg/L	EPA 200.8	0.071	0.5			
2018/19-1	MO-CAM	matrix spike dup, rec	11/29/2018	Metal	Barium	Total	=	98	%	EPA 200.8	-88	-88	70	130	
2018/19-1	MO-CAM	matrix spike, RPD	11/29/2018	Metal	Barium	Total	=	5	%	EPA 200.8	-88	-88	0	30	
2018/19-1	MO-THO	matrix spike	11/28/2018	Metal	Barium	Total	=	98	µg/L	EPA 200.8	0.071	0.5			
2018/19-1	MO-THO	matrix spike, rec	11/28/2018	Metal	Barium	Total	=	93	%	EPA 200.8	-88	-88	70	130	
2018/19-1	MO-THO	matrix spike dup	11/28/2018	Metal	Barium	Total	=	97.6	µg/L	EPA 200.8	0.071	0.5			
2018/19-1	MO-THO	matrix spike dup, rec	11/28/2018	Metal	Barium	Total	=	92	%	EPA 200.8	-88	-88	70	130	
2018/19-1	MO-THO	matrix spike, RPD	11/28/2018	Metal	Barium	Total	=	0.4	%	EPA 200.8	-88	-88	0	30	
2018/19-1	MO-VEN	matrix spike	11/29/2018	Metal	Barium	Total	=	126	µg/L	EPA 200.8	0.071	0.5			
2018/19-1	MO-VEN	matrix spike, rec	11/29/2018	Metal	Barium	Total	=	104	%	EPA 200.8	-88	-88	70	130	
2018/19-1	MO-VEN	matrix spike dup	11/29/2018	Metal	Barium	Total	=	131	µg/L	EPA 200.8	0.071	0.5			
2018/19-1	MO-VEN	matrix spike dup, rec	11/29/2018	Metal	Barium	Total	=	114	%	EPA 200.8	-88	-88	70	130	
2018/19-1	MO-VEN	matrix spike, RPD	11/29/2018	Metal	Barium	Total	=	4	%	EPA 200.8	-88	-88	0	30	
2018/19-1	Lab	method blank	11/28/2018	Metal	Beryllium	Dissolved	<	0.033	µg/L	EPA 200.8	0.033	0.1			
2018/19-1	Lab	LCS	11/28/2018	Metal	Beryllium	Dissolved	=	47.1	µg/L	EPA 200.8	0.033	0.1			
2018/19-1	Lab	LCS, rec	11/28/2018	Metal	Beryllium	Dissolved	=	94	%	EPA 200.8	-88	-88	85	115	
2018/19-1	Lab	method blank	11/29/2018	Metal	Beryllium	Dissolved	<	0.033	µg/L	EPA 200.8	0.033	0.1			
2018/19-1	Lab	LCS	11/29/2018	Metal	Beryllium	Dissolved	=	49.3	µg/L	EPA 200.8	0.033	0.1			
2018/19-1	Lab	LCS, rec	11/29/2018	Metal	Beryllium	Dissolved	=	99	%	EPA 200.8	-88	-88	85	115	
2018/19-1	Lab	method blank	11/28/2018	Metal	Beryllium	Total	<	0.033	µg/L	EPA 200.8	0.033	0.1			
2018/19-1	Lab	LCS	11/28/2018	Metal	Beryllium	Total	=	47.1	µg/L	EPA 200.8	0.033	0.1			
2018/19-1	Lab	LCS, rec	11/28/2018	Metal	Beryllium	Total	=	94	%	EPA 200.8	-88	-88	85	115	
2018/19-1	Lab	method blank	11/29/2018	Metal	Beryllium	Total	<	0.033	µg/L	EPA 200.8	0.033	0.1			
2018/19-1	Lab	LCS	11/29/2018	Metal	Beryllium	Total	=	49.3	µg/L	EPA 200.8	0.033	0.1			
2018/19-1	Lab	LCS, rec	11/29/2018	Metal	Beryllium	Total	=	99	%	EPA 200.8	-88	-88	85	115	
2018/19-1	MO-CAM	matrix spike	11/29/2018	Metal	Beryllium	Total	=	51.7	µg/L	EPA 200.8	0.033	0.1			
2018/19-1	MO-CAM	matrix spike, rec	11/29/2018	Metal	Beryllium	Total	=	103	%	EPA 200.8	-88	-88	70	130	
2018/19-1	MO-CAM	matrix spike dup	11/29/2018	Metal	Beryllium	Total	=	51.4	µg/L	EPA 200.8	0.033	0.1			
2018/19-1	MO-CAM	matrix spike dup, rec	11/29/2018	Metal	Beryllium	Total	=	102	%	EPA 200.8	-88	-88	70	130	
2018/19-1	MO-CAM	matrix spike, RPD	11/29/2018	Metal	Beryllium	Total	=	0.6	%	EPA 200.8	-88	-88	0	30	
2018/19-1	MO-THO	matrix spike	11/28/2018	Metal	Beryllium	Total	=	49.6	µg/L	EPA 200.8	0.033	0.1			
2018/19-1	MO-THO	matrix spike, rec	11/28/2018	Metal	Beryllium	Total	=	99	%	EPA 200.8	-88	-88	70	130	
2018/19-1	MO-THO	matrix spike dup	11/28/2018	Metal	Beryllium	Total	=	48.4	µg/L	EPA 200.8	0.033	0.1			
2018/19-1	MO-THO	matrix spike dup, rec	11/28/2018	Metal	Beryllium	Total	=	97	%	EPA 200.8	-88	-88	70	130	
2018/19-1	MO-THO	matrix spike, RPD	11/28/2018	Metal	Beryllium	Total	=	2	%	EPA 200.8	-88	-88	0	30	
2018/19-1	MO-VEN	matrix spike	11/29/2018	Metal	Beryllium	Total	=	50	µg/L	EPA 200.8	0.033	0.1			
2018/19-1	MO-VEN	matrix spike, rec	11/29/2018	Metal	Beryllium	Total	=	100	%	EPA 200.8	-88	-88	70	130	
2018/19-1	MO-VEN	matrix spike dup	11/29/2018	Metal	Beryllium	Total	=	54.7	µg/L	EPA 200.8	0.033	0.1			

Appendix F
Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2018/19-1	MO-VEN	matrix spike dup, rec	11/29/2018	Metal	Beryllium	Total	=	109	%	EPA 200.8	-88	-88	70	130	
2018/19-1	MO-VEN	matrix spike, RPD	11/29/2018	Metal	Beryllium	Total	=	9	%	EPA 200.8	-88	-88	0	30	
2018/19-1	Lab	method blank	11/28/2018	Metal	Cadmium	Dissolved	<	0.041	µg/L	EPA 200.8	0.041	0.1			
2018/19-1	Lab	LCS	11/28/2018	Metal	Cadmium	Dissolved	=	47.8	µg/L	EPA 200.8	0.041	0.1			
2018/19-1	Lab	LCS, rec	11/28/2018	Metal	Cadmium	Dissolved	=	96	%	EPA 200.8	-88	-88	85	115	
2018/19-1	Lab	method blank	11/29/2018	Metal	Cadmium	Dissolved	<	0.041	µg/L	EPA 200.8	0.041	0.1			
2018/19-1	Lab	LCS	11/29/2018	Metal	Cadmium	Dissolved	=	49.5	µg/L	EPA 200.8	0.041	0.1			
2018/19-1	Lab	LCS, rec	11/29/2018	Metal	Cadmium	Dissolved	=	99	%	EPA 200.8	-88	-88	85	115	
2018/19-1	Lab	method blank	11/28/2018	Metal	Cadmium	Total	<	0.041	µg/L	EPA 200.8	0.041	0.1			
2018/19-1	Lab	LCS	11/28/2018	Metal	Cadmium	Total	=	47.8	µg/L	EPA 200.8	0.041	0.1			
2018/19-1	Lab	LCS, rec	11/28/2018	Metal	Cadmium	Total	=	96	%	EPA 200.8	-88	-88	85	115	
2018/19-1	Lab	method blank	11/29/2018	Metal	Cadmium	Total	<	0.041	µg/L	EPA 200.8	0.041	0.1			
2018/19-1	Lab	LCS	11/29/2018	Metal	Cadmium	Total	=	49.5	µg/L	EPA 200.8	0.041	0.1			
2018/19-1	Lab	LCS, rec	11/29/2018	Metal	Cadmium	Total	=	99	%	EPA 200.8	-88	-88	85	115	
2018/19-1	MO-CAM	matrix spike	11/29/2018	Metal	Cadmium	Total	=	51.4	µg/L	EPA 200.8	0.041	0.1			
2018/19-1	MO-CAM	matrix spike, rec	11/29/2018	Metal	Cadmium	Total	=	101	%	EPA 200.8	-88	-88	70	130	
2018/19-1	MO-CAM	matrix spike dup	11/29/2018	Metal	Cadmium	Total	=	50.9	µg/L	EPA 200.8	0.041	0.1			
2018/19-1	MO-CAM	matrix spike dup, rec	11/29/2018	Metal	Cadmium	Total	=	100	%	EPA 200.8	-88	-88	70	130	
2018/19-1	MO-CAM	matrix spike, RPD	11/29/2018	Metal	Cadmium	Total	=	1	%	EPA 200.8	-88	-88	0	30	
2018/19-1	MO-THO	matrix spike	11/28/2018	Metal	Cadmium	Total	=	45.5	µg/L	EPA 200.8	0.041	0.1			
2018/19-1	MO-THO	matrix spike, rec	11/28/2018	Metal	Cadmium	Total	=	90	%	EPA 200.8	-88	-88	70	130	
2018/19-1	MO-THO	matrix spike dup	11/28/2018	Metal	Cadmium	Total	=	47.7	µg/L	EPA 200.8	0.041	0.1			
2018/19-1	MO-THO	matrix spike dup, rec	11/28/2018	Metal	Cadmium	Total	=	95	%	EPA 200.8	-88	-88	70	130	
2018/19-1	MO-THO	matrix spike, RPD	11/28/2018	Metal	Cadmium	Total	=	5	%	EPA 200.8	-88	-88	0	30	
2018/19-1	MO-VEN	matrix spike	11/29/2018	Metal	Cadmium	Total	=	50.4	µg/L	EPA 200.8	0.041	0.1			
2018/19-1	MO-VEN	matrix spike, rec	11/29/2018	Metal	Cadmium	Total	=	100	%	EPA 200.8	-88	-88	70	130	
2018/19-1	MO-VEN	matrix spike dup	11/29/2018	Metal	Cadmium	Total	=	49.9	µg/L	EPA 200.8	0.041	0.1			
2018/19-1	MO-VEN	matrix spike dup, rec	11/29/2018	Metal	Cadmium	Total	=	99	%	EPA 200.8	-88	-88	70	130	
2018/19-1	MO-VEN	matrix spike, RPD	11/29/2018	Metal	Cadmium	Total	=	0.9	%	EPA 200.8	-88	-88	0	30	
2018/19-1	Lab	method blank	11/28/2018	Metal	Chromium	Dissolved	<	0.035	µg/L	EPA 200.8	0.035	0.2			
2018/19-1	Lab	LCS	11/28/2018	Metal	Chromium	Dissolved	=	48.1	µg/L	EPA 200.8	0.035	0.2			
2018/19-1	Lab	LCS, rec	11/28/2018	Metal	Chromium	Dissolved	=	96	%	EPA 200.8	-88	-88	85	115	
2018/19-1	Lab	method blank	11/29/2018	Metal	Chromium	Dissolved	<	0.035	µg/L	EPA 200.8	0.035	0.2			
2018/19-1	Lab	LCS	11/29/2018	Metal	Chromium	Dissolved	=	48.6	µg/L	EPA 200.8	0.035	0.2			
2018/19-1	Lab	LCS, rec	11/29/2018	Metal	Chromium	Dissolved	=	97	%	EPA 200.8	-88	-88	85	115	
2018/19-1	Lab	method blank	11/28/2018	Metal	Chromium	Total	<	0.035	µg/L	EPA 200.8	0.035	0.2			
2018/19-1	Lab	LCS	11/28/2018	Metal	Chromium	Total	=	48.1	µg/L	EPA 200.8	0.035	0.2			
2018/19-1	Lab	LCS, rec	11/28/2018	Metal	Chromium	Total	=	96	%	EPA 200.8	-88	-88	85	115	
2018/19-1	Lab	method blank	11/29/2018	Metal	Chromium	Total	<	0.035	µg/L	EPA 200.8	0.035	0.2			
2018/19-1	Lab	LCS	11/29/2018	Metal	Chromium	Total	=	48.6	µg/L	EPA 200.8	0.035	0.2			
2018/19-1	Lab	LCS, rec	11/29/2018	Metal	Chromium	Total	=	97	%	EPA 200.8	-88	-88	85	115	
2018/19-1	MO-CAM	matrix spike	11/29/2018	Metal	Chromium	Total	=	62.6	µg/L	EPA 200.8	0.035	0.2			
2018/19-1	MO-CAM	matrix spike, rec	11/29/2018	Metal	Chromium	Total	=	100	%	EPA 200.8	-88	-88	70	130	
2018/19-1	MO-CAM	matrix spike dup	11/29/2018	Metal	Chromium	Total	=	62.1	µg/L	EPA 200.8	0.035	0.2			
2018/19-1	MO-CAM	matrix spike dup, rec	11/29/2018	Metal	Chromium	Total	=	99	%	EPA 200.8	-88	-88	70	130	
2018/19-1	MO-CAM	matrix spike, RPD	11/29/2018	Metal	Chromium	Total	=	0.8	%	EPA 200.8	-88	-88	0	30	
2018/19-1	MO-THO	matrix spike	11/28/2018	Metal	Chromium	Total	=	62.5	µg/L	EPA 200.8	0.035	0.2			

Appendix F
Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2018/19-1	MO-THO	matrix spike, rec	11/28/2018	Metal	Chromium	Total	=	97	%	EPA 200.8	-88	-88	70	130	
2018/19-1	MO-THO	matrix spike dup	11/28/2018	Metal	Chromium	Total	=	63.9	µg/L	EPA 200.8	0.035	0.2			
2018/19-1	MO-THO	matrix spike dup, rec	11/28/2018	Metal	Chromium	Total	=	100	%	EPA 200.8	-88	-88	70	130	
2018/19-1	MO-THO	matrix spike, RPD	11/28/2018	Metal	Chromium	Total	=	2	%	EPA 200.8	-88	-88	0	30	
2018/19-1	MO-VEN	matrix spike	11/29/2018	Metal	Chromium	Total	=	58	µg/L	EPA 200.8	0.035	0.2			
2018/19-1	MO-VEN	matrix spike, rec	11/29/2018	Metal	Chromium	Total	=	99	%	EPA 200.8	-88	-88	70	130	
2018/19-1	MO-VEN	matrix spike dup	11/29/2018	Metal	Chromium	Total	=	56.2	µg/L	EPA 200.8	0.035	0.2			
2018/19-1	MO-VEN	matrix spike dup, rec	11/29/2018	Metal	Chromium	Total	=	95	%	EPA 200.8	-88	-88	70	130	
2018/19-1	MO-VEN	matrix spike, RPD	11/29/2018	Metal	Chromium	Total	=	3	%	EPA 200.8	-88	-88	0	30	
2018/19-1	000NONPJ	matrix spike	11/30/2018	Metal	Chromium VI	n/a	=	106	µg/L	EPA 218.6	0.096	0.4			
2018/19-1	000NONPJ	matrix spike, rec	11/30/2018	Metal	Chromium VI	n/a	=	106	%	EPA 218.6	-88	-88	88	112	
2018/19-1	000NONPJ	matrix spike dup	11/30/2018	Metal	Chromium VI	n/a	=	101	µg/L	EPA 218.6	0.096	0.4			
2018/19-1	000NONPJ	matrix spike dup, rec	11/30/2018	Metal	Chromium VI	n/a	=	101	%	EPA 218.6	-88	-88	88	112	
2018/19-1	000NONPJ	matrix spike, RPD	11/30/2018	Metal	Chromium VI	n/a	=	5	%	EPA 218.6	-88	-88	0	10	
2018/19-1	000NONPJ	matrix spike	11/30/2018	Metal	Chromium VI	n/a	=	25.6	µg/L	EPA 218.6	0.024	0.1			
2018/19-1	000NONPJ	matrix spike, rec	11/30/2018	Metal	Chromium VI	n/a	=	102	%	EPA 218.6	-88	-88	88	112	
2018/19-1	000NONPJ	matrix spike dup	11/30/2018	Metal	Chromium VI	n/a	=	7.35	µg/L	EPA 218.6	0.024	0.1			GB,IL
2018/19-1	000NONPJ	matrix spike dup, rec	11/30/2018	Metal	Chromium VI	n/a	=	29	%	EPA 218.6	-88	-88	88	112	GB,IL
2018/19-1	000NONPJ	matrix spike, RPD	11/30/2018	Metal	Chromium VI	n/a	=	111	%	EPA 218.6	-88	-88	0	10	GB,IL
2018/19-1	Lab	method blank	11/30/2018	Metal	Chromium VI	n/a	<	0.0048	µg/L	EPA 218.6	0.0048	0.02			
2018/19-1	Lab	LCS	11/30/2018	Metal	Chromium VI	n/a	=	5.16	µg/L	EPA 218.6	0.0048	0.02			
2018/19-1	Lab	LCS, rec	11/30/2018	Metal	Chromium VI	n/a	=	103	%	EPA 218.6	-88	-88	90	110	
2018/19-1	Lab	method blank	11/28/2018	Metal	Copper	Dissolved	<	0.13	µg/L	EPA 200.8	0.13	0.5			
2018/19-1	Lab	LCS	11/28/2018	Metal	Copper	Dissolved	=	49.9	µg/L	EPA 200.8	0.13	0.5			
2018/19-1	Lab	LCS, rec	11/28/2018	Metal	Copper	Dissolved	=	100	%	EPA 200.8	-88	-88	85	115	
2018/19-1	Lab	method blank	11/29/2018	Metal	Copper	Dissolved	<	0.13	µg/L	EPA 200.8	0.13	0.5			
2018/19-1	Lab	LCS	11/29/2018	Metal	Copper	Dissolved	=	50.1	µg/L	EPA 200.8	0.13	0.5			
2018/19-1	Lab	LCS, rec	11/29/2018	Metal	Copper	Dissolved	=	100	%	EPA 200.8	-88	-88	85	115	
2018/19-1	Lab	method blank	11/28/2018	Metal	Copper	Total	<	0.13	µg/L	EPA 200.8	0.13	0.5			
2018/19-1	Lab	LCS	11/28/2018	Metal	Copper	Total	=	49.9	µg/L	EPA 200.8	0.13	0.5			
2018/19-1	Lab	LCS, rec	11/28/2018	Metal	Copper	Total	=	100	%	EPA 200.8	-88	-88	85	115	
2018/19-1	Lab	method blank	11/29/2018	Metal	Copper	Total	<	0.13	µg/L	EPA 200.8	0.13	0.5			
2018/19-1	Lab	LCS	11/29/2018	Metal	Copper	Total	=	50.1	µg/L	EPA 200.8	0.13	0.5			
2018/19-1	Lab	LCS, rec	11/29/2018	Metal	Copper	Total	=	100	%	EPA 200.8	-88	-88	85	115	
2018/19-1	MO-CAM	matrix spike	11/29/2018	Metal	Copper	Total	=	127	µg/L	EPA 200.8	0.13	0.5			
2018/19-1	MO-CAM	matrix spike, rec	11/29/2018	Metal	Copper	Total	=	107	%	EPA 200.8	-88	-88	70	130	
2018/19-1	MO-CAM	matrix spike dup	11/29/2018	Metal	Copper	Total	=	123	µg/L	EPA 200.8	0.13	0.5			
2018/19-1	MO-CAM	matrix spike dup, rec	11/29/2018	Metal	Copper	Total	=	99	%	EPA 200.8	-88	-88	70	130	
2018/19-1	MO-CAM	matrix spike, RPD	11/29/2018	Metal	Copper	Total	=	3	%	EPA 200.8	-88	-88	0	30	
2018/19-1	MO-THO	matrix spike	11/28/2018	Metal	Copper	Total	=	60.2	µg/L	EPA 200.8	0.13	0.5			
2018/19-1	MO-THO	matrix spike, rec	11/28/2018	Metal	Copper	Total	=	90	%	EPA 200.8	-88	-88	70	130	
2018/19-1	MO-THO	matrix spike dup	11/28/2018	Metal	Copper	Total	=	61.6	µg/L	EPA 200.8	0.13	0.5			
2018/19-1	MO-THO	matrix spike dup, rec	11/28/2018	Metal	Copper	Total	=	92	%	EPA 200.8	-88	-88	70	130	
2018/19-1	MO-THO	matrix spike, RPD	11/28/2018	Metal	Copper	Total	=	2	%	EPA 200.8	-88	-88	0	30	
2018/19-1	MO-VEN	matrix spike	11/29/2018	Metal	Copper	Total	=	137	µg/L	EPA 200.8	0.13	0.5			GB
2018/19-1	MO-VEN	matrix spike, rec	11/29/2018	Metal	Copper	Total	=	52	%	EPA 200.8	-88	-88	70	130	GB
2018/19-1	MO-VEN	matrix spike dup	11/29/2018	Metal	Copper	Total	=	129	µg/L	EPA 200.8	0.13	0.5			GB

Appendix F
Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2018/19-1	MO-VEN	matrix spike dup, rec	11/29/2018	Metal	Copper	Total	=	36	%	EPA 200.8	-88	-88	70	130	GB
2018/19-1	MO-VEN	matrix spike, RPD	11/29/2018	Metal	Copper	Total	=	6	%	EPA 200.8	-88	-88	0	30	
2018/19-1	Lab	method blank	11/26/2018	Metal	Iron	Dissolved	<	1.1	µg/L	EPA 200.7	1.1	10			
2018/19-1	Lab	LCS	11/26/2018	Metal	Iron	Dissolved	=	210	µg/L	EPA 200.7	1.1	10			
2018/19-1	Lab	LCS, rec	11/26/2018	Metal	Iron	Dissolved	=	105	%	EPA 200.7	-88	-88	85	115	
2018/19-1	Lab	method blank	11/27/2018	Metal	Iron	Dissolved	<	1.1	µg/L	EPA 200.7	1.1	10			
2018/19-1	Lab	LCS	11/27/2018	Metal	Iron	Dissolved	=	208	µg/L	EPA 200.7	1.1	10			
2018/19-1	Lab	LCS, rec	11/27/2018	Metal	Iron	Dissolved	=	104	%	EPA 200.7	-88	-88	85	115	
2018/19-1	000NONPJ	matrix spike	11/27/2018	Metal	Iron	Total	=	440	µg/L	EPA 200.7	11	100			GB
2018/19-1	000NONPJ	matrix spike, rec	11/27/2018	Metal	Iron	Total	=	142	%	EPA 200.7	-88	-88	70	130	GB
2018/19-1	000NONPJ	matrix spike dup	11/27/2018	Metal	Iron	Total	=	430	µg/L	EPA 200.7	11	100			GB
2018/19-1	000NONPJ	matrix spike dup, rec	11/27/2018	Metal	Iron	Total	=	137	%	EPA 200.7	-88	-88	70	130	GB
2018/19-1	000NONPJ	matrix spike, RPD	11/27/2018	Metal	Iron	Total	=	2	%	EPA 200.7	-88	-88	0	30	
2018/19-1	Lab	method blank	11/26/2018	Metal	Iron	Total	<	1.1	µg/L	EPA 200.7	1.1	10			
2018/19-1	Lab	LCS	11/26/2018	Metal	Iron	Total	=	210	µg/L	EPA 200.7	1.1	10			
2018/19-1	Lab	LCS, rec	11/26/2018	Metal	Iron	Total	=	105	%	EPA 200.7	-88	-88	85	115	
2018/19-1	Lab	method blank	11/27/2018	Metal	Iron	Total	<	1.1	µg/L	EPA 200.7	1.1	10			
2018/19-1	Lab	LCS	11/27/2018	Metal	Iron	Total	=	208	µg/L	EPA 200.7	1.1	10			
2018/19-1	Lab	LCS, rec	11/27/2018	Metal	Iron	Total	=	104	%	EPA 200.7	-88	-88	85	115	
2018/19-1	ME-CC	matrix spike	11/26/2018	Metal	Iron	Total	=	3750	µg/L	EPA 200.7	1.1	10			GB
2018/19-1	ME-CC	matrix spike, rec	11/26/2018	Metal	Iron	Total	=	172	%	EPA 200.7	-88	-88	70	130	GB
2018/19-1	ME-CC	matrix spike dup	11/26/2018	Metal	Iron	Total	=	3740	µg/L	EPA 200.7	1.1	10			GB
2018/19-1	ME-CC	matrix spike dup, rec	11/26/2018	Metal	Iron	Total	=	167	%	EPA 200.7	-88	-88	70	130	GB
2018/19-1	ME-CC	matrix spike, RPD	11/26/2018	Metal	Iron	Total	=	0.3	%	EPA 200.7	-88	-88	0	30	
2018/19-1	ME-VR2	matrix spike	11/26/2018	Metal	Iron	Total	=	415	µg/L	EPA 200.7	1.1	10			
2018/19-1	ME-VR2	matrix spike, rec	11/26/2018	Metal	Iron	Total	=	111	%	EPA 200.7	-88	-88	70	130	
2018/19-1	ME-VR2	matrix spike dup	11/26/2018	Metal	Iron	Total	=	409	µg/L	EPA 200.7	1.1	10			
2018/19-1	ME-VR2	matrix spike dup, rec	11/26/2018	Metal	Iron	Total	=	108	%	EPA 200.7	-88	-88	70	130	
2018/19-1	ME-VR2	matrix spike, RPD	11/26/2018	Metal	Iron	Total	=	1	%	EPA 200.7	-88	-88	0	30	
2018/19-1	Lab	method blank	11/28/2018	Metal	Lead	Dissolved	<	0.031	µg/L	EPA 200.8	0.031	0.2			
2018/19-1	Lab	LCS	11/28/2018	Metal	Lead	Dissolved	=	48.9	µg/L	EPA 200.8	0.031	0.2			
2018/19-1	Lab	LCS, rec	11/28/2018	Metal	Lead	Dissolved	=	98	%	EPA 200.8	-88	-88	85	115	
2018/19-1	Lab	method blank	11/29/2018	Metal	Lead	Dissolved	<	0.031	µg/L	EPA 200.8	0.031	0.2			
2018/19-1	Lab	LCS	11/29/2018	Metal	Lead	Dissolved	=	50.6	µg/L	EPA 200.8	0.031	0.2			
2018/19-1	Lab	LCS, rec	11/29/2018	Metal	Lead	Dissolved	=	101	%	EPA 200.8	-88	-88	85	115	
2018/19-1	Lab	method blank	11/28/2018	Metal	Lead	Total	<	0.031	µg/L	EPA 200.8	0.031	0.2			
2018/19-1	Lab	LCS	11/28/2018	Metal	Lead	Total	=	48.9	µg/L	EPA 200.8	0.031	0.2			
2018/19-1	Lab	LCS, rec	11/28/2018	Metal	Lead	Total	=	98	%	EPA 200.8	-88	-88	85	115	
2018/19-1	Lab	method blank	11/29/2018	Metal	Lead	Total	<	0.031	µg/L	EPA 200.8	0.031	0.2			
2018/19-1	Lab	LCS	11/29/2018	Metal	Lead	Total	=	50.6	µg/L	EPA 200.8	0.031	0.2			
2018/19-1	Lab	LCS, rec	11/29/2018	Metal	Lead	Total	=	101	%	EPA 200.8	-88	-88	85	115	
2018/19-1	MO-CAM	matrix spike	11/29/2018	Metal	Lead	Total	=	63.1	µg/L	EPA 200.8	0.031	0.2			
2018/19-1	MO-CAM	matrix spike, rec	11/29/2018	Metal	Lead	Total	=	100	%	EPA 200.8	-88	-88	70	130	
2018/19-1	MO-CAM	matrix spike dup	11/29/2018	Metal	Lead	Total	=	62.8	µg/L	EPA 200.8	0.031	0.2			
2018/19-1	MO-CAM	matrix spike dup, rec	11/29/2018	Metal	Lead	Total	=	99	%	EPA 200.8	-88	-88	70	130	
2018/19-1	MO-CAM	matrix spike, RPD	11/29/2018	Metal	Lead	Total	=	0.5	%	EPA 200.8	-88	-88	0	30	
2018/19-1	MO-THO	matrix spike	11/28/2018	Metal	Lead	Total	=	49.3	µg/L	EPA 200.8	0.031	0.2			

Appendix F
Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2018/19-1	MO-THO	matrix spike, rec	11/28/2018	Metal	Lead	Total	=	94	%	EPA 200.8	-88	-88	70	130	
2018/19-1	MO-THO	matrix spike dup	11/28/2018	Metal	Lead	Total	=	48.5	µg/L	EPA 200.8	0.031	0.2			
2018/19-1	MO-THO	matrix spike dup, rec	11/28/2018	Metal	Lead	Total	=	92	%	EPA 200.8	-88	-88	70	130	
2018/19-1	MO-THO	matrix spike, RPD	11/28/2018	Metal	Lead	Total	=	2	%	EPA 200.8	-88	-88	0	30	
2018/19-1	MO-VEN	matrix spike	11/29/2018	Metal	Lead	Total	=	64.9	µg/L	EPA 200.8	0.031	0.2			
2018/19-1	MO-VEN	matrix spike, rec	11/29/2018	Metal	Lead	Total	=	99	%	EPA 200.8	-88	-88	70	130	
2018/19-1	MO-VEN	matrix spike dup	11/29/2018	Metal	Lead	Total	=	68.5	µg/L	EPA 200.8	0.031	0.2			
2018/19-1	MO-VEN	matrix spike dup, rec	11/29/2018	Metal	Lead	Total	=	106	%	EPA 200.8	-88	-88	70	130	
2018/19-1	MO-VEN	matrix spike, RPD	11/29/2018	Metal	Lead	Total	=	5	%	EPA 200.8	-88	-88	0	30	
2018/19-1	Lab	method blank	11/28/2018	Metal	Mercury	Dissolved	<	17	ng/L	EPA 245.1	17	50			
2018/19-1	Lab	method blank	11/28/2018	Metal	Mercury	Dissolved	<	17	ng/L	EPA 245.1	17	50			
2018/19-1	Lab	method blank	11/28/2018	Metal	Mercury	Dissolved	<	17	ng/L	EPA 245.1	17	50			
2018/19-1	Lab	LCS	11/28/2018	Metal	Mercury	Dissolved	=	1060	ng/L	EPA 245.1	17	50			
2018/19-1	Lab	LCS, rec	11/28/2018	Metal	Mercury	Dissolved	=	106	%	EPA 245.1	-88	-88	85	115	
2018/19-1	Lab	method blank	11/28/2018	Metal	Mercury	Dissolved	<	17	ng/L	EPA 245.1	17	50			
2018/19-1	Lab	method blank	11/28/2018	Metal	Mercury	Dissolved	<	17	ng/L	EPA 245.1	17	50			
2018/19-1	Lab	LCS	11/28/2018	Metal	Mercury	Dissolved	=	1060	ng/L	EPA 245.1	17	50			
2018/19-1	Lab	LCS, rec	11/28/2018	Metal	Mercury	Dissolved	=	106	%	EPA 245.1	-88	-88	85	115	
2018/19-1	MO-MEI	matrix spike	11/28/2018	Metal	Mercury	Dissolved	=	976	ng/L	EPA 245.1	17	50			
2018/19-1	MO-MEI	matrix spike, rec	11/28/2018	Metal	Mercury	Dissolved	=	98	%	EPA 245.1	-88	-88	70	130	
2018/19-1	MO-MEI	matrix spike dup	11/28/2018	Metal	Mercury	Dissolved	=	970	ng/L	EPA 245.1	17	50			
2018/19-1	MO-MEI	matrix spike dup, rec	11/28/2018	Metal	Mercury	Dissolved	=	97	%	EPA 245.1	-88	-88	70	130	
2018/19-1	MO-MEI	matrix spike, RPD	11/28/2018	Metal	Mercury	Dissolved	=	0.6	%	EPA 245.1	-88	-88	0	20	
2018/19-1	MO-SPA	matrix spike	11/28/2018	Metal	Mercury	Dissolved	=	927	ng/L	EPA 245.1	17	50			
2018/19-1	MO-SPA	matrix spike, rec	11/28/2018	Metal	Mercury	Dissolved	=	93	%	EPA 245.1	-88	-88	70	130	
2018/19-1	MO-SPA	matrix spike dup	11/28/2018	Metal	Mercury	Dissolved	=	976	ng/L	EPA 245.1	17	50			
2018/19-1	MO-SPA	matrix spike dup, rec	11/28/2018	Metal	Mercury	Dissolved	=	98	%	EPA 245.1	-88	-88	70	130	
2018/19-1	MO-SPA	matrix spike, RPD	11/28/2018	Metal	Mercury	Dissolved	=	5	%	EPA 245.1	-88	-88	0	20	
2018/19-1	Lab	method blank	11/28/2018	Metal	Mercury	Total	<	17	ng/L	EPA 245.1	17	50			
2018/19-1	Lab	LCS	11/28/2018	Metal	Mercury	Total	=	1060	ng/L	EPA 245.1	17	50			
2018/19-1	Lab	LCS, rec	11/28/2018	Metal	Mercury	Total	=	106	%	EPA 245.1	-88	-88	85	115	
2018/19-1	Lab	method blank	11/28/2018	Metal	Mercury	Total	<	17	ng/L	EPA 245.1	17	50			
2018/19-1	Lab	LCS	11/28/2018	Metal	Mercury	Total	=	1060	ng/L	EPA 245.1	17	50			
2018/19-1	Lab	LCS, rec	11/28/2018	Metal	Mercury	Total	=	106	%	EPA 245.1	-88	-88	85	115	
2018/19-1	MO-HUE	matrix spike	11/28/2018	Metal	Mercury	Total	=	960	ng/L	EPA 245.1	17	50			
2018/19-1	MO-HUE	matrix spike, rec	11/28/2018	Metal	Mercury	Total	=	96	%	EPA 245.1	-88	-88	70	130	
2018/19-1	MO-HUE	matrix spike dup	11/28/2018	Metal	Mercury	Total	=	981	ng/L	EPA 245.1	17	50			
2018/19-1	MO-HUE	matrix spike dup, rec	11/28/2018	Metal	Mercury	Total	=	98	%	EPA 245.1	-88	-88	70	130	
2018/19-1	MO-HUE	matrix spike, RPD	11/28/2018	Metal	Mercury	Total	=	2	%	EPA 245.1	-88	-88	0	20	
2018/19-1	MO-MEI	matrix spike	11/28/2018	Metal	Mercury	Total	=	976	ng/L	EPA 245.1	17	50			
2018/19-1	MO-MEI	matrix spike, rec	11/28/2018	Metal	Mercury	Total	=	93	%	EPA 245.1	-88	-88	70	130	
2018/19-1	MO-MEI	matrix spike dup	11/28/2018	Metal	Mercury	Total	=	970	ng/L	EPA 245.1	17	50			
2018/19-1	MO-MEI	matrix spike dup, rec	11/28/2018	Metal	Mercury	Total	=	93	%	EPA 245.1	-88	-88	70	130	
2018/19-1	MO-MEI	matrix spike, RPD	11/28/2018	Metal	Mercury	Total	=	0.6	%	EPA 245.1	-88	-88	0	20	
2018/19-1	MO-MPK	matrix spike	11/28/2018	Metal	Mercury	Total	=	1010	ng/L	EPA 245.1	17	50			
2018/19-1	MO-MPK	matrix spike, rec	11/28/2018	Metal	Mercury	Total	=	96	%	EPA 245.1	-88	-88	70	130	
2018/19-1	MO-MPK	matrix spike dup	11/28/2018	Metal	Mercury	Total	=	1050	ng/L	EPA 245.1	17	50			

Appendix F
Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2018/19-1	MO-MPK	matrix spike dup, rec	11/28/2018	Metal	Mercury	Total	=	100	%	EPA 245.1	-88	-88	70	130	
2018/19-1	MO-MPK	matrix spike, RPD	11/28/2018	Metal	Mercury	Total	=	4	%	EPA 245.1	-88	-88	0	20	
2018/19-1	MO-SPA	matrix spike	11/28/2018	Metal	Mercury	Total	=	927	ng/L	EPA 245.1	17	50			
2018/19-1	MO-SPA	matrix spike, rec	11/28/2018	Metal	Mercury	Total	=	90	%	EPA 245.1	-88	-88	70	130	
2018/19-1	MO-SPA	matrix spike dup	11/28/2018	Metal	Mercury	Total	=	976	ng/L	EPA 245.1	17	50			
2018/19-1	MO-SPA	matrix spike dup, rec	11/28/2018	Metal	Mercury	Total	=	95	%	EPA 245.1	-88	-88	70	130	
2018/19-1	MO-SPA	matrix spike, RPD	11/28/2018	Metal	Mercury	Total	=	5	%	EPA 245.1	-88	-88	0	20	
2018/19-1	Lab	method blank	11/28/2018	Metal	Nickel	Dissolved	<	0.045	µg/L	EPA 200.8	0.045	0.8			
2018/19-1	Lab	LCS	11/28/2018	Metal	Nickel	Dissolved	=	48.8	µg/L	EPA 200.8	0.045	0.8			
2018/19-1	Lab	LCS, rec	11/28/2018	Metal	Nickel	Dissolved	=	98	%	EPA 200.8	-88	-88	85	115	
2018/19-1	Lab	method blank	11/29/2018	Metal	Nickel	Dissolved	<	0.045	µg/L	EPA 200.8	0.045	0.8			
2018/19-1	Lab	LCS	11/29/2018	Metal	Nickel	Dissolved	=	49.7	µg/L	EPA 200.8	0.045	0.8			
2018/19-1	Lab	LCS, rec	11/29/2018	Metal	Nickel	Dissolved	=	99	%	EPA 200.8	-88	-88	85	115	
2018/19-1	Lab	method blank	11/28/2018	Metal	Nickel	Total	<	0.045	µg/L	EPA 200.8	0.045	0.8			
2018/19-1	Lab	LCS	11/28/2018	Metal	Nickel	Total	=	48.8	µg/L	EPA 200.8	0.045	0.8			
2018/19-1	Lab	LCS, rec	11/28/2018	Metal	Nickel	Total	=	98	%	EPA 200.8	-88	-88	85	115	
2018/19-1	Lab	method blank	11/29/2018	Metal	Nickel	Total	<	0.045	µg/L	EPA 200.8	0.045	0.8			
2018/19-1	Lab	LCS	11/29/2018	Metal	Nickel	Total	=	49.7	µg/L	EPA 200.8	0.045	0.8			
2018/19-1	Lab	LCS, rec	11/29/2018	Metal	Nickel	Total	=	99	%	EPA 200.8	-88	-88	85	115	
2018/19-1	MO-CAM	matrix spike	11/29/2018	Metal	Nickel	Total	=	69.7	µg/L	EPA 200.8	0.045	0.8			
2018/19-1	MO-CAM	matrix spike, rec	11/29/2018	Metal	Nickel	Total	=	101	%	EPA 200.8	-88	-88	70	130	
2018/19-1	MO-CAM	matrix spike dup	11/29/2018	Metal	Nickel	Total	=	68.6	µg/L	EPA 200.8	0.045	0.8			
2018/19-1	MO-CAM	matrix spike dup, rec	11/29/2018	Metal	Nickel	Total	=	98	%	EPA 200.8	-88	-88	70	130	
2018/19-1	MO-CAM	matrix spike, RPD	11/29/2018	Metal	Nickel	Total	=	2	%	EPA 200.8	-88	-88	0	30	
2018/19-1	MO-THO	matrix spike	11/28/2018	Metal	Nickel	Total	=	66	µg/L	EPA 200.8	0.045	0.8			
2018/19-1	MO-THO	matrix spike, rec	11/28/2018	Metal	Nickel	Total	=	90	%	EPA 200.8	-88	-88	70	130	
2018/19-1	MO-THO	matrix spike dup	11/28/2018	Metal	Nickel	Total	=	67.8	µg/L	EPA 200.8	0.045	0.8			
2018/19-1	MO-THO	matrix spike dup, rec	11/28/2018	Metal	Nickel	Total	=	93	%	EPA 200.8	-88	-88	70	130	
2018/19-1	MO-THO	matrix spike, RPD	11/28/2018	Metal	Nickel	Total	=	3	%	EPA 200.8	-88	-88	0	30	
2018/19-1	MO-VEN	matrix spike	11/29/2018	Metal	Nickel	Total	=	62.5	µg/L	EPA 200.8	0.045	0.8			
2018/19-1	MO-VEN	matrix spike, rec	11/29/2018	Metal	Nickel	Total	=	100	%	EPA 200.8	-88	-88	70	130	
2018/19-1	MO-VEN	matrix spike dup	11/29/2018	Metal	Nickel	Total	=	61	µg/L	EPA 200.8	0.045	0.8			
2018/19-1	MO-VEN	matrix spike dup, rec	11/29/2018	Metal	Nickel	Total	=	96	%	EPA 200.8	-88	-88	70	130	
2018/19-1	MO-VEN	matrix spike, RPD	11/29/2018	Metal	Nickel	Total	=	2	%	EPA 200.8	-88	-88	0	30	
2018/19-1	Lab	method blank	11/28/2018	Metal	Selenium	Dissolved	<	0.14	µg/L	EPA 200.8	0.14	0.4			
2018/19-1	Lab	LCS	11/28/2018	Metal	Selenium	Dissolved	=	49.1	µg/L	EPA 200.8	0.14	0.4			
2018/19-1	Lab	LCS, rec	11/28/2018	Metal	Selenium	Dissolved	=	98	%	EPA 200.8	-88	-88	85	115	
2018/19-1	Lab	method blank	11/29/2018	Metal	Selenium	Dissolved	<	0.14	µg/L	EPA 200.8	0.14	0.4			
2018/19-1	Lab	LCS	11/29/2018	Metal	Selenium	Dissolved	=	51.1	µg/L	EPA 200.8	0.14	0.4			
2018/19-1	Lab	LCS, rec	11/29/2018	Metal	Selenium	Dissolved	=	102	%	EPA 200.8	-88	-88	85	115	
2018/19-1	Lab	method blank	11/28/2018	Metal	Selenium	Total	<	0.14	µg/L	EPA 200.8	0.14	0.4			
2018/19-1	Lab	LCS	11/28/2018	Metal	Selenium	Total	=	49.1	µg/L	EPA 200.8	0.14	0.4			
2018/19-1	Lab	LCS, rec	11/28/2018	Metal	Selenium	Total	=	98	%	EPA 200.8	-88	-88	85	115	
2018/19-1	Lab	method blank	11/29/2018	Metal	Selenium	Total	<	0.14	µg/L	EPA 200.8	0.14	0.4			
2018/19-1	Lab	LCS	11/29/2018	Metal	Selenium	Total	=	51.1	µg/L	EPA 200.8	0.14	0.4			
2018/19-1	Lab	LCS, rec	11/29/2018	Metal	Selenium	Total	=	102	%	EPA 200.8	-88	-88	85	115	
2018/19-1	MO-CAM	matrix spike	11/29/2018	Metal	Selenium	Total	=	49.6	µg/L	EPA 200.8	0.14	0.4			

Appendix F
Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2018/19-1	MO-CAM	matrix spike, rec	11/29/2018	Metal	Selenium	Total	=	98	%	EPA 200.8	-88	-88	70	130	
2018/19-1	MO-CAM	matrix spike dup	11/29/2018	Metal	Selenium	Total	=	50.7	µg/L	EPA 200.8	0.14	0.4			
2018/19-1	MO-CAM	matrix spike dup, rec	11/29/2018	Metal	Selenium	Total	=	100	%	EPA 200.8	-88	-88	70	130	
2018/19-1	MO-CAM	matrix spike, RPD	11/29/2018	Metal	Selenium	Total	=	2	%	EPA 200.8	-88	-88	0	30	
2018/19-1	MO-THO	matrix spike	11/28/2018	Metal	Selenium	Total	=	50.9	µg/L	EPA 200.8	0.14	0.4			
2018/19-1	MO-THO	matrix spike, rec	11/28/2018	Metal	Selenium	Total	=	97	%	EPA 200.8	-88	-88	70	130	
2018/19-1	MO-THO	matrix spike dup	11/28/2018	Metal	Selenium	Total	=	50	µg/L	EPA 200.8	0.14	0.4			
2018/19-1	MO-THO	matrix spike dup, rec	11/28/2018	Metal	Selenium	Total	=	95	%	EPA 200.8	-88	-88	70	130	
2018/19-1	MO-THO	matrix spike, RPD	11/28/2018	Metal	Selenium	Total	=	2	%	EPA 200.8	-88	-88	0	30	
2018/19-1	MO-VEN	matrix spike	11/29/2018	Metal	Selenium	Total	=	49.8	µg/L	EPA 200.8	0.14	0.4			
2018/19-1	MO-VEN	matrix spike, rec	11/29/2018	Metal	Selenium	Total	=	98	%	EPA 200.8	-88	-88	70	130	
2018/19-1	MO-VEN	matrix spike dup	11/29/2018	Metal	Selenium	Total	=	49.6	µg/L	EPA 200.8	0.14	0.4			
2018/19-1	MO-VEN	matrix spike dup, rec	11/29/2018	Metal	Selenium	Total	=	98	%	EPA 200.8	-88	-88	70	130	
2018/19-1	MO-VEN	matrix spike, RPD	11/29/2018	Metal	Selenium	Total	=	0.4	%	EPA 200.8	-88	-88	0	30	
2018/19-1	Lab	method blank	11/28/2018	Metal	Silver	Dissolved	<	0.062	µg/L	EPA 200.8	0.062	0.2			
2018/19-1	Lab	LCS	11/28/2018	Metal	Silver	Dissolved	=	50.1	µg/L	EPA 200.8	0.062	0.2			
2018/19-1	Lab	LCS, rec	11/28/2018	Metal	Silver	Dissolved	=	100	%	EPA 200.8	-88	-88	85	115	
2018/19-1	Lab	method blank	11/29/2018	Metal	Silver	Dissolved	<	0.062	µg/L	EPA 200.8	0.062	0.2			
2018/19-1	Lab	LCS	11/29/2018	Metal	Silver	Dissolved	=	49.5	µg/L	EPA 200.8	0.062	0.2			
2018/19-1	Lab	LCS, rec	11/29/2018	Metal	Silver	Dissolved	=	99	%	EPA 200.8	-88	-88	85	115	
2018/19-1	Lab	method blank	11/28/2018	Metal	Silver	Total	<	0.062	µg/L	EPA 200.8	0.062	0.2			
2018/19-1	Lab	LCS	11/28/2018	Metal	Silver	Total	=	50.1	µg/L	EPA 200.8	0.062	0.2			
2018/19-1	Lab	LCS, rec	11/28/2018	Metal	Silver	Total	=	100	%	EPA 200.8	-88	-88	85	115	
2018/19-1	Lab	method blank	11/29/2018	Metal	Silver	Total	<	0.062	µg/L	EPA 200.8	0.062	0.2			
2018/19-1	Lab	LCS	11/29/2018	Metal	Silver	Total	=	49.5	µg/L	EPA 200.8	0.062	0.2			
2018/19-1	Lab	LCS, rec	11/29/2018	Metal	Silver	Total	=	99	%	EPA 200.8	-88	-88	85	115	
2018/19-1	MO-CAM	matrix spike	11/29/2018	Metal	Silver	Total	=	48.8	µg/L	EPA 200.8	0.062	0.2			
2018/19-1	MO-CAM	matrix spike, rec	11/29/2018	Metal	Silver	Total	=	97	%	EPA 200.8	-88	-88	70	130	
2018/19-1	MO-CAM	matrix spike dup	11/29/2018	Metal	Silver	Total	=	48.1	µg/L	EPA 200.8	0.062	0.2			
2018/19-1	MO-CAM	matrix spike dup, rec	11/29/2018	Metal	Silver	Total	=	96	%	EPA 200.8	-88	-88	70	130	
2018/19-1	MO-CAM	matrix spike, RPD	11/29/2018	Metal	Silver	Total	=	1	%	EPA 200.8	-88	-88	0	30	
2018/19-1	MO-THO	matrix spike	11/28/2018	Metal	Silver	Total	=	45.1	µg/L	EPA 200.8	0.062	0.2			
2018/19-1	MO-THO	matrix spike, rec	11/28/2018	Metal	Silver	Total	=	90	%	EPA 200.8	-88	-88	70	130	
2018/19-1	MO-THO	matrix spike dup	11/28/2018	Metal	Silver	Total	=	44.5	µg/L	EPA 200.8	0.062	0.2			
2018/19-1	MO-THO	matrix spike dup, rec	11/28/2018	Metal	Silver	Total	=	89	%	EPA 200.8	-88	-88	70	130	
2018/19-1	MO-THO	matrix spike, RPD	11/28/2018	Metal	Silver	Total	=	1	%	EPA 200.8	-88	-88	0	30	
2018/19-1	MO-VEN	matrix spike	11/29/2018	Metal	Silver	Total	=	48	µg/L	EPA 200.8	0.062	0.2			
2018/19-1	MO-VEN	matrix spike, rec	11/29/2018	Metal	Silver	Total	=	96	%	EPA 200.8	-88	-88	70	130	
2018/19-1	MO-VEN	matrix spike dup	11/29/2018	Metal	Silver	Total	=	52.5	µg/L	EPA 200.8	0.062	0.2			
2018/19-1	MO-VEN	matrix spike dup, rec	11/29/2018	Metal	Silver	Total	=	105	%	EPA 200.8	-88	-88	70	130	
2018/19-1	MO-VEN	matrix spike, RPD	11/29/2018	Metal	Silver	Total	=	9	%	EPA 200.8	-88	-88	0	30	
2018/19-1	Lab	method blank	11/28/2018	Metal	Thallium	Dissolved	<	0.014	µg/L	EPA 200.8	0.014	0.2			
2018/19-1	Lab	LCS	11/28/2018	Metal	Thallium	Dissolved	=	50.3	µg/L	EPA 200.8	0.014	0.2			
2018/19-1	Lab	LCS, rec	11/28/2018	Metal	Thallium	Dissolved	=	101	%	EPA 200.8	-88	-88	85	115	
2018/19-1	Lab	method blank	11/29/2018	Metal	Thallium	Dissolved	<	0.014	µg/L	EPA 200.8	0.014	0.2			
2018/19-1	Lab	LCS	11/29/2018	Metal	Thallium	Dissolved	=	51.5	µg/L	EPA 200.8	0.014	0.2			
2018/19-1	Lab	LCS, rec	11/29/2018	Metal	Thallium	Dissolved	=	103	%	EPA 200.8	-88	-88	85	115	

Appendix F
Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2018/19-1	Lab	method blank	11/28/2018	Metal	Thallium	Total	<	0.014	µg/L	EPA 200.8	0.014	0.2			
2018/19-1	Lab	LCS	11/28/2018	Metal	Thallium	Total	=	50.3	µg/L	EPA 200.8	0.014	0.2			
2018/19-1	Lab	LCS, rec	11/28/2018	Metal	Thallium	Total	=	101	%	EPA 200.8	-88	-88	85	115	
2018/19-1	Lab	method blank	11/29/2018	Metal	Thallium	Total	<	0.014	µg/L	EPA 200.8	0.014	0.2			
2018/19-1	Lab	LCS	11/29/2018	Metal	Thallium	Total	=	51.5	µg/L	EPA 200.8	0.014	0.2			
2018/19-1	Lab	LCS, rec	11/29/2018	Metal	Thallium	Total	=	103	%	EPA 200.8	-88	-88	85	115	
2018/19-1	MO-CAM	matrix spike	11/29/2018	Metal	Thallium	Total	=	51	µg/L	EPA 200.8	0.014	0.2			
2018/19-1	MO-CAM	matrix spike, rec	11/29/2018	Metal	Thallium	Total	=	102	%	EPA 200.8	-88	-88	70	130	
2018/19-1	MO-CAM	matrix spike dup	11/29/2018	Metal	Thallium	Total	=	50.3	µg/L	EPA 200.8	0.014	0.2			
2018/19-1	MO-CAM	matrix spike dup, rec	11/29/2018	Metal	Thallium	Total	=	100	%	EPA 200.8	-88	-88	70	130	
2018/19-1	MO-CAM	matrix spike, RPD	11/29/2018	Metal	Thallium	Total	=	1	%	EPA 200.8	-88	-88	0	30	
2018/19-1	MO-THO	matrix spike	11/28/2018	Metal	Thallium	Total	=	48.9	µg/L	EPA 200.8	0.014	0.2			
2018/19-1	MO-THO	matrix spike, rec	11/28/2018	Metal	Thallium	Total	=	98	%	EPA 200.8	-88	-88	70	130	
2018/19-1	MO-THO	matrix spike dup	11/28/2018	Metal	Thallium	Total	=	48.2	µg/L	EPA 200.8	0.014	0.2			
2018/19-1	MO-THO	matrix spike dup, rec	11/28/2018	Metal	Thallium	Total	=	96	%	EPA 200.8	-88	-88	70	130	
2018/19-1	MO-THO	matrix spike, RPD	11/28/2018	Metal	Thallium	Total	=	1	%	EPA 200.8	-88	-88	0	30	
2018/19-1	MO-VEN	matrix spike	11/29/2018	Metal	Thallium	Total	=	50	µg/L	EPA 200.8	0.014	0.2			
2018/19-1	MO-VEN	matrix spike, rec	11/29/2018	Metal	Thallium	Total	=	100	%	EPA 200.8	-88	-88	70	130	
2018/19-1	MO-VEN	matrix spike dup	11/29/2018	Metal	Thallium	Total	=	54.1	µg/L	EPA 200.8	0.014	0.2			
2018/19-1	MO-VEN	matrix spike dup, rec	11/29/2018	Metal	Thallium	Total	=	108	%	EPA 200.8	-88	-88	70	130	
2018/19-1	MO-VEN	matrix spike, RPD	11/29/2018	Metal	Thallium	Total	=	8	%	EPA 200.8	-88	-88	0	30	
2018/19-1	Lab	method blank	11/28/2018	Metal	Zinc	Dissolved	DNQ	1.01	µg/L	EPA 200.8	0.94	5			IP
2018/19-1	Lab	LCS	11/28/2018	Metal	Zinc	Dissolved	=	52	µg/L	EPA 200.8	0.94	5			
2018/19-1	Lab	LCS, rec	11/28/2018	Metal	Zinc	Dissolved	=	104	%	EPA 200.8	-88	-88	85	115	
2018/19-1	Lab	method blank	11/29/2018	Metal	Zinc	Dissolved	<	0.94	µg/L	EPA 200.8	0.94	5			
2018/19-1	Lab	LCS	11/29/2018	Metal	Zinc	Dissolved	=	49.6	µg/L	EPA 200.8	0.94	5			
2018/19-1	Lab	LCS, rec	11/29/2018	Metal	Zinc	Dissolved	=	99	%	EPA 200.8	-88	-88	85	115	
2018/19-1	Lab	method blank	11/28/2018	Metal	Zinc	Total	<	0.94	µg/L	EPA 200.8	0.94	5			
2018/19-1	Lab	LCS	11/28/2018	Metal	Zinc	Total	=	52	µg/L	EPA 200.8	0.94	5			
2018/19-1	Lab	LCS, rec	11/28/2018	Metal	Zinc	Total	=	104	%	EPA 200.8	-88	-88	85	115	
2018/19-1	Lab	method blank	11/29/2018	Metal	Zinc	Total	<	0.94	µg/L	EPA 200.8	0.94	5			
2018/19-1	Lab	LCS	11/29/2018	Metal	Zinc	Total	=	49.6	µg/L	EPA 200.8	0.94	5			
2018/19-1	Lab	LCS, rec	11/29/2018	Metal	Zinc	Total	=	99	%	EPA 200.8	-88	-88	85	115	
2018/19-1	MO-CAM	matrix spike	11/29/2018	Metal	Zinc	Total	=	435	µg/L	EPA 200.8	0.94	5			
2018/19-1	MO-CAM	matrix spike, rec	11/29/2018	Metal	Zinc	Total	=	120	%	EPA 200.8	-88	-88	70	130	
2018/19-1	MO-CAM	matrix spike dup	11/29/2018	Metal	Zinc	Total	=	429	µg/L	EPA 200.8	0.94	5			
2018/19-1	MO-CAM	matrix spike dup, rec	11/29/2018	Metal	Zinc	Total	=	107	%	EPA 200.8	-88	-88	70	130	
2018/19-1	MO-CAM	matrix spike, RPD	11/29/2018	Metal	Zinc	Total	=	2	%	EPA 200.8	-88	-88	0	30	
2018/19-1	MO-THO	matrix spike	11/28/2018	Metal	Zinc	Total	=	94.3	µg/L	EPA 200.8	0.94	5			
2018/19-1	MO-THO	matrix spike, rec	11/28/2018	Metal	Zinc	Total	=	87	%	EPA 200.8	-88	-88	70	130	
2018/19-1	MO-THO	matrix spike dup	11/28/2018	Metal	Zinc	Total	=	96.8	µg/L	EPA 200.8	0.94	5			
2018/19-1	MO-THO	matrix spike dup, rec	11/28/2018	Metal	Zinc	Total	=	92	%	EPA 200.8	-88	-88	70	130	
2018/19-1	MO-THO	matrix spike, RPD	11/28/2018	Metal	Zinc	Total	=	3	%	EPA 200.8	-88	-88	0	30	
2018/19-1	MO-VEN	matrix spike	11/29/2018	Metal	Zinc	Total	=	377	µg/L	EPA 200.8	0.94	5			
2018/19-1	MO-VEN	matrix spike, rec	11/29/2018	Metal	Zinc	Total	=	101	%	EPA 200.8	-88	-88	70	130	
2018/19-1	MO-VEN	matrix spike dup	11/29/2018	Metal	Zinc	Total	=	369	µg/L	EPA 200.8	0.94	5			
2018/19-1	MO-VEN	matrix spike dup, rec	11/29/2018	Metal	Zinc	Total	=	85	%	EPA 200.8	-88	-88	70	130	

Appendix F
Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2018/19-1	MO-VEN	matrix spike, RPD	11/29/2018	Metal	Zinc	Total	=	2	%	EPA 200.8	-88	-88	0	30	
2018/19-1	000NONPJ	matrix spike	11/27/2018	Nutrient	Ammonia as N	n/a	=	0.273	mg/L	EPA 350.1	0.048	0.1			
2018/19-1	000NONPJ	matrix spike	11/27/2018	Nutrient	Ammonia as N	n/a	=	0.241	mg/L	EPA 350.1	0.048	0.1			
2018/19-1	000NONPJ	matrix spike	11/27/2018	Nutrient	Ammonia as N	n/a	=	0.351	mg/L	EPA 350.1	0.048	0.1			
2018/19-1	000NONPJ	matrix spike dup	11/27/2018	Nutrient	Ammonia as N	n/a	=	0.35	mg/L	EPA 350.1	0.048	0.1			
2018/19-1	000NONPJ	matrix spike dup	11/27/2018	Nutrient	Ammonia as N	n/a	=	0.265	mg/L	EPA 350.1	0.048	0.1			
2018/19-1	000NONPJ	matrix spike dup	11/27/2018	Nutrient	Ammonia as N	n/a	=	0.239	mg/L	EPA 350.1	0.048	0.1			
2018/19-1	000NONPJ	matrix spike dup, rec	11/27/2018	Nutrient	Ammonia as N	n/a	=	106	%	EPA 350.1	-88	-88	90	110	
2018/19-1	000NONPJ	matrix spike dup, rec	11/27/2018	Nutrient	Ammonia as N	n/a	=	96	%	EPA 350.1	-88	-88	90	110	
2018/19-1	000NONPJ	matrix spike dup, rec	11/27/2018	Nutrient	Ammonia as N	n/a	=	96	%	EPA 350.1	-88	-88	90	110	
2018/19-1	000NONPJ	matrix spike, rec	11/27/2018	Nutrient	Ammonia as N	n/a	=	109	%	EPA 350.1	-88	-88	90	110	
2018/19-1	000NONPJ	matrix spike, rec	11/27/2018	Nutrient	Ammonia as N	n/a	=	96	%	EPA 350.1	-88	-88	90	110	
2018/19-1	000NONPJ	matrix spike, rec	11/27/2018	Nutrient	Ammonia as N	n/a	=	97	%	EPA 350.1	-88	-88	90	110	
2018/19-1	000NONPJ	matrix spike, RPD	11/27/2018	Nutrient	Ammonia as N	n/a	=	1	%	EPA 350.1	-88	-88	0	15	
2018/19-1	000NONPJ	matrix spike, RPD	11/27/2018	Nutrient	Ammonia as N	n/a	=	3	%	EPA 350.1	-88	-88	0	15	
2018/19-1	000NONPJ	matrix spike, RPD	11/27/2018	Nutrient	Ammonia as N	n/a	=	0.07	%	EPA 350.1	-88	-88	0	15	
2018/19-1	Lab	LCS	11/27/2018	Nutrient	Ammonia as N	n/a	=	0.254	mg/L	EPA 350.1	0.048	0.1			
2018/19-1	Lab	LCS	11/27/2018	Nutrient	Ammonia as N	n/a	=	0.254	mg/L	EPA 350.1	0.048	0.1			
2018/19-1	Lab	LCS	11/27/2018	Nutrient	Ammonia as N	n/a	=	0.255	mg/L	EPA 350.1	0.048	0.1			
2018/19-1	Lab	LCS	11/27/2018	Nutrient	Ammonia as N	n/a	=	0.252	mg/L	EPA 350.1	0.048	0.1			
2018/19-1	Lab	LCS, rec	11/27/2018	Nutrient	Ammonia as N	n/a	=	102	%	EPA 350.1	-88	-88	90	110	
2018/19-1	Lab	LCS, rec	11/27/2018	Nutrient	Ammonia as N	n/a	=	102	%	EPA 350.1	-88	-88	90	110	
2018/19-1	Lab	LCS, rec	11/27/2018	Nutrient	Ammonia as N	n/a	=	102	%	EPA 350.1	-88	-88	90	110	
2018/19-1	Lab	LCS, rec	11/27/2018	Nutrient	Ammonia as N	n/a	=	101	%	EPA 350.1	-88	-88	90	110	
2018/19-1	Lab	method blank	11/27/2018	Nutrient	Ammonia as N	n/a	<	0.048	mg/L	EPA 350.1	0.048	0.1			
2018/19-1	Lab	method blank	11/27/2018	Nutrient	Ammonia as N	n/a	<	0.048	mg/L	EPA 350.1	0.048	0.1			
2018/19-1	Lab	method blank	11/27/2018	Nutrient	Ammonia as N	n/a	<	0.048	mg/L	EPA 350.1	0.048	0.1			
2018/19-1	Lab	method blank	11/27/2018	Nutrient	Ammonia as N	n/a	<	0.048	mg/L	EPA 350.1	0.048	0.1			
2018/19-1	ME-VR2	matrix spike	11/27/2018	Nutrient	Ammonia as N	n/a	=	0.291	mg/L	EPA 350.1	0.048	0.1			
2018/19-1	ME-VR2	matrix spike dup	11/27/2018	Nutrient	Ammonia as N	n/a	=	0.29	mg/L	EPA 350.1	0.048	0.1			
2018/19-1	ME-VR2	matrix spike dup, rec	11/27/2018	Nutrient	Ammonia as N	n/a	=	96	%	EPA 350.1	-88	-88	90	110	
2018/19-1	ME-VR2	matrix spike, rec	11/27/2018	Nutrient	Ammonia as N	n/a	=	96	%	EPA 350.1	-88	-88	90	110	
2018/19-1	ME-VR2	matrix spike, RPD	11/27/2018	Nutrient	Ammonia as N	n/a	=	0.3	%	EPA 350.1	-88	-88	0	15	
2018/19-1	000NONPJ	matrix spike	12/12/2018	Nutrient	Nitrate + Nitrite as N	n/a	=	3.08	mg/L	EPA 353.2	0.083	0.2			
2018/19-1	000NONPJ	matrix spike, rec	12/12/2018	Nutrient	Nitrate + Nitrite as N	n/a	=	95	%	EPA 353.2	-88	-88	90	110	
2018/19-1	000NONPJ	matrix spike dup	12/12/2018	Nutrient	Nitrate + Nitrite as N	n/a	=	3.06	mg/L	EPA 353.2	0.083	0.2			
2018/19-1	000NONPJ	matrix spike dup, rec	12/12/2018	Nutrient	Nitrate + Nitrite as N	n/a	=	94	%	EPA 353.2	-88	-88	90	110	
2018/19-1	000NONPJ	matrix spike, RPD	12/12/2018	Nutrient	Nitrate + Nitrite as N	n/a	=	0.7	%	EPA 353.2	-88	-88	0	20	
2018/19-1	000NONPJ	matrix spike	12/12/2018	Nutrient	Nitrate + Nitrite as N	n/a	=	3.07	mg/L	EPA 353.2	0.083	0.2			
2018/19-1	000NONPJ	matrix spike, rec	12/12/2018	Nutrient	Nitrate + Nitrite as N	n/a	=	97	%	EPA 353.2	-88	-88	90	110	
2018/19-1	000NONPJ	matrix spike dup	12/12/2018	Nutrient	Nitrate + Nitrite as N	n/a	=	3.08	mg/L	EPA 353.2	0.083	0.2			
2018/19-1	000NONPJ	matrix spike dup, rec	12/12/2018	Nutrient	Nitrate + Nitrite as N	n/a	=	98	%	EPA 353.2	-88	-88	90	110	
2018/19-1	000NONPJ	matrix spike, RPD	12/12/2018	Nutrient	Nitrate + Nitrite as N	n/a	=	0.3	%	EPA 353.2	-88	-88	0	20	
2018/19-1	000NONPJ	matrix spike	12/17/2018	Nutrient	Nitrate + Nitrite as N	n/a	=	1.82	mg/L	EPA 353.2	0.083	0.2			
2018/19-1	000NONPJ	matrix spike, rec	12/17/2018	Nutrient	Nitrate + Nitrite as N	n/a	=	91	%	EPA 353.2	-88	-88	90	110	
2018/19-1	000NONPJ	matrix spike dup	12/17/2018	Nutrient	Nitrate + Nitrite as N	n/a	=	1.81	mg/L	EPA 353.2	0.083	0.2			
2018/19-1	000NONPJ	matrix spike dup, rec	12/17/2018	Nutrient	Nitrate + Nitrite as N	n/a	=	90	%	EPA 353.2	-88	-88	90	110	

Appendix F
Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2018/19-1	000NONPJ	matrix spike, RPD	12/17/2018	Nutrient	Nitrate + Nitrite as N	n/a	=	0.6	%	EPA 353.2	-88	-88	0	20	
2018/19-1	000NONPJ	matrix spike	12/17/2018	Nutrient	Nitrate + Nitrite as N	n/a	=	1.84	mg/L	EPA 353.2	0.083	0.2			
2018/19-1	000NONPJ	matrix spike, rec	12/17/2018	Nutrient	Nitrate + Nitrite as N	n/a	=	92	%	EPA 353.2	-88	-88	90	110	
2018/19-1	000NONPJ	matrix spike dup	12/17/2018	Nutrient	Nitrate + Nitrite as N	n/a	=	1.83	mg/L	EPA 353.2	0.083	0.2			
2018/19-1	000NONPJ	matrix spike dup, rec	12/17/2018	Nutrient	Nitrate + Nitrite as N	n/a	=	92	%	EPA 353.2	-88	-88	90	110	
2018/19-1	000NONPJ	matrix spike, RPD	12/17/2018	Nutrient	Nitrate + Nitrite as N	n/a	=	0.5	%	EPA 353.2	-88	-88	0	20	
2018/19-1	Lab	method blank	12/12/2018	Nutrient	Nitrate + Nitrite as N	n/a	<	0.083	mg/L	EPA 353.2	0.083	0.2			
2018/19-1	Lab	LCS	12/12/2018	Nutrient	Nitrate + Nitrite as N	n/a	=	0.936	mg/L	EPA 353.2	0.083	0.2			
2018/19-1	Lab	LCS, rec	12/12/2018	Nutrient	Nitrate + Nitrite as N	n/a	=	94	%	EPA 353.2	-88	-88	90	110	
2018/19-1	Lab	method blank	12/17/2018	Nutrient	Nitrate + Nitrite as N	n/a	<	0.083	mg/L	EPA 353.2	0.083	0.2			
2018/19-1	Lab	LCS	12/17/2018	Nutrient	Nitrate + Nitrite as N	n/a	=	0.903	mg/L	EPA 353.2	0.083	0.2			
2018/19-1	Lab	LCS, rec	12/17/2018	Nutrient	Nitrate + Nitrite as N	n/a	=	90	%	EPA 353.2	-88	-88	90	110	
2018/19-1	000NONPJ	matrix spike	11/23/2018	Nutrient	Nitrate as N	n/a	=	1.88	mg/L	EPA 353.2	0.083	0.2			
2018/19-1	000NONPJ	matrix spike, rec	11/23/2018	Nutrient	Nitrate as N	n/a	=	94	%	EPA 353.2	-88	-88	90	110	
2018/19-1	000NONPJ	matrix spike dup	11/23/2018	Nutrient	Nitrate as N	n/a	=	1.88	mg/L	EPA 353.2	0.083	0.2			
2018/19-1	000NONPJ	matrix spike dup, rec	11/23/2018	Nutrient	Nitrate as N	n/a	=	94	%	EPA 353.2	-88	-88	90	110	
2018/19-1	000NONPJ	matrix spike, RPD	11/23/2018	Nutrient	Nitrate as N	n/a	=	0	%	EPA 353.2	-88	-88	0	20	
2018/19-1	Lab	method blank	11/23/2018	Nutrient	Nitrate as N	n/a	<	0.083	mg/L	EPA 353.2	0.083	0.2			
2018/19-1	Lab	LCS	11/23/2018	Nutrient	Nitrate as N	n/a	=	0.924	mg/L	EPA 353.2	0.083	0.2			
2018/19-1	Lab	LCS, rec	11/23/2018	Nutrient	Nitrate as N	n/a	=	92	%	EPA 353.2	-88	-88	90	110	
2018/19-1	000NONPJ	matrix spike	1/17/2019	Nutrient	Phosphorus as P	Dissolved	=	1.21	mg/L	EPA 200.7	0.012	0.02			
2018/19-1	000NONPJ	matrix spike, rec	1/17/2019	Nutrient	Phosphorus as P	Dissolved	=	107	%	EPA 200.7	-88	-88	70	130	
2018/19-1	000NONPJ	matrix spike dup	1/17/2019	Nutrient	Phosphorus as P	Dissolved	=	1.21	mg/L	EPA 200.7	0.012	0.02			
2018/19-1	000NONPJ	matrix spike dup, rec	1/17/2019	Nutrient	Phosphorus as P	Dissolved	=	107	%	EPA 200.7	-88	-88	70	130	
2018/19-1	000NONPJ	matrix spike, RPD	1/17/2019	Nutrient	Phosphorus as P	Dissolved	=	0.2	%	EPA 200.7	-88	-88	0	30	
2018/19-1	000NONPJ	matrix spike	1/17/2019	Nutrient	Phosphorus as P	Dissolved	=	1.4	mg/L	EPA 200.7	0.012	0.02			
2018/19-1	000NONPJ	matrix spike, rec	1/17/2019	Nutrient	Phosphorus as P	Dissolved	=	116	%	EPA 200.7	-88	-88	70	130	
2018/19-1	000NONPJ	matrix spike dup	1/17/2019	Nutrient	Phosphorus as P	Dissolved	=	1.4	mg/L	EPA 200.7	0.012	0.02			
2018/19-1	000NONPJ	matrix spike dup, rec	1/17/2019	Nutrient	Phosphorus as P	Dissolved	=	115	%	EPA 200.7	-88	-88	70	130	
2018/19-1	000NONPJ	matrix spike, RPD	1/17/2019	Nutrient	Phosphorus as P	Dissolved	=	0.7	%	EPA 200.7	-88	-88	0	30	
2018/19-1	Lab	method blank	1/17/2019	Nutrient	Phosphorus as P	Dissolved	<	0.012	mg/L	EPA 200.7	0.012	0.02			
2018/19-1	Lab	method blank	1/17/2019	Nutrient	Phosphorus as P	Dissolved	<	0.012	mg/L	EPA 200.7	0.012	0.02			
2018/19-1	Lab	method blank	1/17/2019	Nutrient	Phosphorus as P	Dissolved	<	0.012	mg/L	EPA 200.7	0.012	0.02			
2018/19-1	Lab	LCS	1/17/2019	Nutrient	Phosphorus as P	Dissolved	=	1.01	mg/L	EPA 200.7	0.012	0.02			
2018/19-1	Lab	LCS, rec	1/17/2019	Nutrient	Phosphorus as P	Dissolved	=	101	%	EPA 200.7	-88	-88	85	115	
2018/19-1	Lab	method blank	1/25/2019	Nutrient	Phosphorus as P	Dissolved	<	0.012	mg/L	EPA 200.7	0.012	0.02			
2018/19-1	Lab	method blank	1/25/2019	Nutrient	Phosphorus as P	Dissolved	<	0.012	mg/L	EPA 200.7	0.012	0.02			
2018/19-1	Lab	LCS	1/25/2019	Nutrient	Phosphorus as P	Dissolved	=	1	mg/L	EPA 200.7	0.012	0.02			
2018/19-1	Lab	LCS, rec	1/25/2019	Nutrient	Phosphorus as P	Dissolved	=	100	%	EPA 200.7	-88	-88	85	115	
2018/19-1	000NONPJ	matrix spike	1/17/2019	Nutrient	Phosphorus as P	Total	=	1.21	mg/L	EPA 200.7	0.012	0.02			
2018/19-1	000NONPJ	matrix spike, rec	1/17/2019	Nutrient	Phosphorus as P	Total	=	103	%	EPA 200.7	-88	-88	70	130	
2018/19-1	000NONPJ	matrix spike dup	1/17/2019	Nutrient	Phosphorus as P	Total	=	1.21	mg/L	EPA 200.7	0.012	0.02			
2018/19-1	000NONPJ	matrix spike dup, rec	1/17/2019	Nutrient	Phosphorus as P	Total	=	103	%	EPA 200.7	-88	-88	70	130	
2018/19-1	000NONPJ	matrix spike, RPD	1/17/2019	Nutrient	Phosphorus as P	Total	=	0.2	%	EPA 200.7	-88	-88	0	30	
2018/19-1	000NONPJ	matrix spike	1/17/2019	Nutrient	Phosphorus as P	Total	=	1.4	mg/L	EPA 200.7	0.012	0.02			
2018/19-1	000NONPJ	matrix spike, rec	1/17/2019	Nutrient	Phosphorus as P	Total	=	109	%	EPA 200.7	-88	-88	70	130	
2018/19-1	000NONPJ	matrix spike dup	1/17/2019	Nutrient	Phosphorus as P	Total	=	1.4	mg/L	EPA 200.7	0.012	0.02			

Appendix F
Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2018/19-1	000NONPJ	matrix spike dup, rec	1/17/2019	Nutrient	Phosphorus as P	Total	=	108	%	EPA 200.7	-88	-88	70	130	
2018/19-1	000NONPJ	matrix spike, RPD	1/17/2019	Nutrient	Phosphorus as P	Total	=	0.7	%	EPA 200.7	-88	-88	0	30	
2018/19-1	Lab	method blank	1/17/2019	Nutrient	Phosphorus as P	Total	<	0.012	mg/L	EPA 200.7	0.012	0.02			
2018/19-1	Lab	LCS	1/17/2019	Nutrient	Phosphorus as P	Total	=	1.01	mg/L	EPA 200.7	0.012	0.02			
2018/19-1	Lab	LCS, rec	1/17/2019	Nutrient	Phosphorus as P	Total	=	101	%	EPA 200.7	-88	-88	85	115	
2018/19-1	Lab	method blank	1/25/2019	Nutrient	Phosphorus as P	Total	<	0.012	mg/L	EPA 200.7	0.012	0.02			
2018/19-1	Lab	LCS	1/25/2019	Nutrient	Phosphorus as P	Total	=	1	mg/L	EPA 200.7	0.012	0.02			
2018/19-1	Lab	LCS, rec	1/25/2019	Nutrient	Phosphorus as P	Total	=	100	%	EPA 200.7	-88	-88	85	115	
2018/19-1	MO-FIL	matrix spike	1/25/2019	Nutrient	Phosphorus as P	Total	=	1.77	mg/L	EPA 200.7	0.012	0.02			
2018/19-1	MO-FIL	matrix spike, rec	1/25/2019	Nutrient	Phosphorus as P	Total	=	96	%	EPA 200.7	-88	-88	70	130	
2018/19-1	MO-FIL	matrix spike dup	1/25/2019	Nutrient	Phosphorus as P	Total	=	1.8	mg/L	EPA 200.7	0.012	0.02			
2018/19-1	MO-FIL	matrix spike dup, rec	1/25/2019	Nutrient	Phosphorus as P	Total	=	100	%	EPA 200.7	-88	-88	70	130	
2018/19-1	MO-FIL	matrix spike, RPD	1/25/2019	Nutrient	Phosphorus as P	Total	=	2	%	EPA 200.7	-88	-88	0	30	
2018/19-1	MO-SIM	matrix spike	1/25/2019	Nutrient	Phosphorus as P	Total	=	1.92	mg/L	EPA 200.7	0.012	0.02			
2018/19-1	MO-SIM	matrix spike, rec	1/25/2019	Nutrient	Phosphorus as P	Total	=	93	%	EPA 200.7	-88	-88	70	130	
2018/19-1	MO-SIM	matrix spike dup	1/25/2019	Nutrient	Phosphorus as P	Total	=	1.98	mg/L	EPA 200.7	0.012	0.02			
2018/19-1	MO-SIM	matrix spike dup, rec	1/25/2019	Nutrient	Phosphorus as P	Total	=	99	%	EPA 200.7	-88	-88	70	130	
2018/19-1	MO-SIM	matrix spike, RPD	1/25/2019	Nutrient	Phosphorus as P	Total	=	3	%	EPA 200.7	-88	-88	0	30	
2018/19-1	000NONPJ	matrix spike	11/29/2018	Nutrient	TKN	n/a	=	1.41	mg/L	EPA 351.2	0.05	0.1			GB,IL
2018/19-1	000NONPJ	matrix spike	11/29/2018	Nutrient	TKN	n/a	=	1.33	mg/L	EPA 351.2	0.05	0.1			
2018/19-1	000NONPJ	matrix spike dup	11/29/2018	Nutrient	TKN	n/a	=	1.37	mg/L	EPA 351.2	0.05	0.1			GB
2018/19-1	000NONPJ	matrix spike dup	11/29/2018	Nutrient	TKN	n/a	=	1.26	mg/L	EPA 351.2	0.05	0.1			IL
2018/19-1	000NONPJ	matrix spike dup, rec	11/29/2018	Nutrient	TKN	n/a	=	112	%	EPA 351.2	-88	-88	90	110	GB
2018/19-1	000NONPJ	matrix spike dup, rec	11/29/2018	Nutrient	TKN	n/a	=	106	%	EPA 351.2	-88	-88	90	110	IL
2018/19-1	000NONPJ	matrix spike, rec	11/29/2018	Nutrient	TKN	n/a	=	108	%	EPA 351.2	-88	-88	90	110	
2018/19-1	000NONPJ	matrix spike, rec	11/29/2018	Nutrient	TKN	n/a	=	121	%	EPA 351.2	-88	-88	90	110	GB,IL
2018/19-1	000NONPJ	matrix spike, RPD	11/29/2018	Nutrient	TKN	n/a	=	3	%	EPA 351.2	-88	-88	0	10	
2018/19-1	000NONPJ	matrix spike, RPD	11/29/2018	Nutrient	TKN	n/a	=	11	%	EPA 351.2	-88	-88	0	10	IL
2018/19-1	000NONPJ	lab duplicate	12/12/2018	Nutrient	TKN	n/a	<	0.05	mg/L	EPA 351.2	0.05	0.1			
2018/19-1	000NONPJ	matrix spike	12/12/2018	Nutrient	TKN	n/a	=	1.13	mg/L	EPA 351.2	0.05	0.1			GB
2018/19-1	000NONPJ	matrix spike	12/12/2018	Nutrient	TKN	n/a	=	1.28	mg/L	EPA 351.2	0.05	0.1			GB
2018/19-1	000NONPJ	matrix spike dup	12/12/2018	Nutrient	TKN	n/a	=	1.24	mg/L	EPA 351.2	0.05	0.1			
2018/19-1	000NONPJ	matrix spike dup	12/12/2018	Nutrient	TKN	n/a	=	1.19	mg/L	EPA 351.2	0.05	0.1			GB
2018/19-1	000NONPJ	matrix spike dup, rec	12/12/2018	Nutrient	TKN	n/a	=	99	%	EPA 351.2	-88	-88	90	110	
2018/19-1	000NONPJ	matrix spike dup, rec	12/12/2018	Nutrient	TKN	n/a	=	80	%	EPA 351.2	-88	-88	90	110	GB
2018/19-1	000NONPJ	matrix spike, rec	12/12/2018	Nutrient	TKN	n/a	=	88	%	EPA 351.2	-88	-88	90	110	GB
2018/19-1	000NONPJ	matrix spike, rec	12/12/2018	Nutrient	TKN	n/a	=	88	%	EPA 351.2	-88	-88	90	110	GB
2018/19-1	000NONPJ	matrix spike, RPD	12/12/2018	Nutrient	TKN	n/a	=	7	%	EPA 351.2	-88	-88	0	10	
2018/19-1	000NONPJ	matrix spike, RPD	12/12/2018	Nutrient	TKN	n/a	=	9	%	EPA 351.2	-88	-88	0	10	
2018/19-1	000NONPJ	matrix spike	12/18/2018	Nutrient	TKN	n/a	=	1.31	mg/L	EPA 351.2	0.05	0.1			
2018/19-1	000NONPJ	matrix spike dup	12/18/2018	Nutrient	TKN	n/a	=	1.29	mg/L	EPA 351.2	0.05	0.1			
2018/19-1	000NONPJ	matrix spike dup, rec	12/18/2018	Nutrient	TKN	n/a	=	90	%	EPA 351.2	-88	-88	90	110	
2018/19-1	000NONPJ	matrix spike, rec	12/18/2018	Nutrient	TKN	n/a	=	92	%	EPA 351.2	-88	-88	90	110	
2018/19-1	000NONPJ	matrix spike, RPD	12/18/2018	Nutrient	TKN	n/a	=	1	%	EPA 351.2	-88	-88	0	10	
2018/19-1	000NONPJ	matrix spike	12/19/2018	Nutrient	TKN	n/a	=	1.24	mg/L	EPA 351.2	0.05	0.1			
2018/19-1	000NONPJ	matrix spike	12/19/2018	Nutrient	TKN	n/a	=	1.23	mg/L	EPA 351.2	0.05	0.1			
2018/19-1	000NONPJ	matrix spike dup	12/19/2018	Nutrient	TKN	n/a	=	1.48	mg/L	EPA 351.2	0.05	0.1			GB,IL

Appendix F
Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2018/19-1	000NONPJ	matrix spike dup	12/19/2018	Nutrient	TKN	n/a	=	1.26	mg/L	EPA 351.2	0.05	0.1			
2018/19-1	000NONPJ	matrix spike dup, rec	12/19/2018	Nutrient	TKN	n/a	=	104	%	EPA 351.2	-88	-88	90	110	
2018/19-1	000NONPJ	matrix spike dup, rec	12/19/2018	Nutrient	TKN	n/a	=	127	%	EPA 351.2	-88	-88	90	110	GB,IL
2018/19-1	000NONPJ	matrix spike, rec	12/19/2018	Nutrient	TKN	n/a	=	102	%	EPA 351.2	-88	-88	90	110	
2018/19-1	000NONPJ	matrix spike, rec	12/19/2018	Nutrient	TKN	n/a	=	102	%	EPA 351.2	-88	-88	90	110	
2018/19-1	000NONPJ	matrix spike, RPD	12/19/2018	Nutrient	TKN	n/a	=	2	%	EPA 351.2	-88	-88	0	10	
2018/19-1	000NONPJ	matrix spike, RPD	12/19/2018	Nutrient	TKN	n/a	=	19	%	EPA 351.2	-88	-88	0	10	GB,IL
2018/19-1	Lab	LCS	11/29/2018	Nutrient	TKN	n/a	=	0.955	mg/L	EPA 351.2	0.05	0.1			
2018/19-1	Lab	LCS	11/29/2018	Nutrient	TKN	n/a	=	0.975	mg/L	EPA 351.2	0.05	0.1			
2018/19-1	Lab	LCS, rec	11/29/2018	Nutrient	TKN	n/a	=	95	%	EPA 351.2	-88	-88	90	110	
2018/19-1	Lab	LCS, rec	11/29/2018	Nutrient	TKN	n/a	=	98	%	EPA 351.2	-88	-88	90	110	
2018/19-1	Lab	method blank	11/29/2018	Nutrient	TKN	n/a	<	0.05	mg/L	EPA 351.2	0.05	0.1			
2018/19-1	Lab	method blank	11/29/2018	Nutrient	TKN	n/a	<	0.05	mg/L	EPA 351.2	0.05	0.1			
2018/19-1	Lab	LCS	12/12/2018	Nutrient	TKN	n/a	=	0.932	mg/L	EPA 351.2	0.05	0.1			
2018/19-1	Lab	LCS	12/12/2018	Nutrient	TKN	n/a	=	0.915	mg/L	EPA 351.2	0.05	0.1			
2018/19-1	Lab	LCS, rec	12/12/2018	Nutrient	TKN	n/a	=	91	%	EPA 351.2	-88	-88	90	110	
2018/19-1	Lab	LCS, rec	12/12/2018	Nutrient	TKN	n/a	=	93	%	EPA 351.2	-88	-88	90	110	
2018/19-1	Lab	method blank	12/12/2018	Nutrient	TKN	n/a	<	0.05	mg/L	EPA 351.2	0.05	0.1			
2018/19-1	Lab	method blank	12/12/2018	Nutrient	TKN	n/a	<	0.05	mg/L	EPA 351.2	0.05	0.1			
2018/19-1	Lab	LCS	12/18/2018	Nutrient	TKN	n/a	=	1.01	mg/L	EPA 351.2	0.05	0.1			
2018/19-1	Lab	LCS, rec	12/18/2018	Nutrient	TKN	n/a	=	101	%	EPA 351.2	-88	-88	90	110	
2018/19-1	Lab	method blank	12/18/2018	Nutrient	TKN	n/a	<	0.05	mg/L	EPA 351.2	0.05	0.1			
2018/19-1	Lab	LCS	12/19/2018	Nutrient	TKN	n/a	=	0.917	mg/L	EPA 351.2	0.05	0.1			
2018/19-1	Lab	LCS	12/19/2018	Nutrient	TKN	n/a	=	0.978	mg/L	EPA 351.2	0.05	0.1			
2018/19-1	Lab	LCS, rec	12/19/2018	Nutrient	TKN	n/a	=	92	%	EPA 351.2	-88	-88	90	110	
2018/19-1	Lab	LCS, rec	12/19/2018	Nutrient	TKN	n/a	=	98	%	EPA 351.2	-88	-88	90	110	
2018/19-1	Lab	method blank	12/19/2018	Nutrient	TKN	n/a	<	0.05	mg/L	EPA 351.2	0.05	0.1			
2018/19-1	Lab	method blank	12/19/2018	Nutrient	TKN	n/a	<	0.05	mg/L	EPA 351.2	0.05	0.1			
2018/19-1	Lab	method blank	12/28/2018	Organic	1,2,4-Trichlorobenzene	n/a	<	0.55	µg/L	EPA 625	0.55	1			
2018/19-1	Lab	LCS	12/28/2018	Organic	1,2,4-Trichlorobenzene	n/a	=	18.9	µg/L	EPA 625	0.55	1			
2018/19-1	Lab	LCS, rec	12/28/2018	Organic	1,2,4-Trichlorobenzene	n/a	=	76	%	EPA 625	-88	-88	44	142	
2018/19-1	Lab	LCS dup	12/28/2018	Organic	1,2,4-Trichlorobenzene	n/a	=	17.7	µg/L	EPA 625	0.55	1			
2018/19-1	Lab	LCS dup, rec	12/28/2018	Organic	1,2,4-Trichlorobenzene	n/a	=	71	%	EPA 625	-88	-88	44	142	
2018/19-1	Lab	LCS, RPD	12/28/2018	Organic	1,2,4-Trichlorobenzene	n/a	=	7	%	EPA 625	-88	-88	0	30	
2018/19-1	Lab	method blank	12/28/2018	Organic	1,2-Dichlorobenzene	n/a	<	0.57	µg/L	EPA 625	0.57	1			
2018/19-1	Lab	LCS	12/28/2018	Organic	1,2-Dichlorobenzene	n/a	=	17.4	µg/L	EPA 625	0.57	1			
2018/19-1	Lab	LCS, rec	12/28/2018	Organic	1,2-Dichlorobenzene	n/a	=	70	%	EPA 625	-88	-88	32	129	
2018/19-1	Lab	LCS dup	12/28/2018	Organic	1,2-Dichlorobenzene	n/a	=	16.5	µg/L	EPA 625	0.57	1			
2018/19-1	Lab	LCS dup, rec	12/28/2018	Organic	1,2-Dichlorobenzene	n/a	=	66	%	EPA 625	-88	-88	32	129	
2018/19-1	Lab	LCS, RPD	12/28/2018	Organic	1,2-Dichlorobenzene	n/a	=	5	%	EPA 625	-88	-88	0	30	
2018/19-1	Lab	srgt LCS	11/26/2018	Organic	1,2-Dichloroethane-d4	n/a	=	43.4	µg/L	EPA 624	-88	-88			
2018/19-1	Lab	srgt LCS, rec	11/26/2018	Organic	1,2-Dichloroethane-d4	n/a	=	87	%	EPA 624	-88	-88	82	125	
2018/19-1	Lab	srgt LCS dup	11/26/2018	Organic	1,2-Dichloroethane-d4	n/a	=	45.8	µg/L	EPA 624	-88	-88			
2018/19-1	Lab	srgt LCS dup, rec	11/26/2018	Organic	1,2-Dichloroethane-d4	n/a	=	92	%	EPA 624	-88	-88	82	125	
2018/19-1	Lab	srgt method blank	11/26/2018	Organic	1,2-Dichloroethane-d4	n/a	=	47.8	µg/L	EPA 624	-88	-88			
2018/19-1	Lab	srgt method blank, rec	11/26/2018	Organic	1,2-Dichloroethane-d4	n/a	=	96	%	EPA 624	-88	-88	82	125	
2018/19-1	ME-CC	srgt environ	11/26/2018	Organic	1,2-Dichloroethane-d4	n/a	=	52.2	µg/L	EPA 624	-88	-88			

Appendix F
Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2018/19-1	ME-CC	srgt environ, rec	11/26/2018	Organic	1,2-Dichloroethane-d4	n/a	=	104	%	EPA 624	-88	-88	82	125	
2018/19-1	ME-VR2	srgt environ	11/26/2018	Organic	1,2-Dichloroethane-d4	n/a	=	52.4	µg/L	EPA 624	-88	-88			
2018/19-1	ME-VR2	srgt environ, rec	11/26/2018	Organic	1,2-Dichloroethane-d4	n/a	=	105	%	EPA 624	-88	-88	82	125	
2018/19-1	MO-CAM	srgt environ	11/26/2018	Organic	1,2-Dichloroethane-d4	n/a	=	54.6	µg/L	EPA 624	-88	-88			
2018/19-1	MO-CAM	srgt environ, rec	11/26/2018	Organic	1,2-Dichloroethane-d4	n/a	=	109	%	EPA 624	-88	-88	82	125	
2018/19-1	MO-CAM	srgt environ	11/26/2018	Organic	1,2-Dichloroethane-d4	n/a	=	57.4	µg/L	EPA 624	-88	-88			
2018/19-1	MO-CAM	srgt environ, rec	11/26/2018	Organic	1,2-Dichloroethane-d4	n/a	=	115	%	EPA 624	-88	-88	82	125	
2018/19-1	MO-FIL	srgt environ	11/26/2018	Organic	1,2-Dichloroethane-d4	n/a	=	56.5	µg/L	EPA 624	-88	-88			
2018/19-1	MO-FIL	srgt environ, rec	11/26/2018	Organic	1,2-Dichloroethane-d4	n/a	=	113	%	EPA 624	-88	-88	82	125	
2018/19-1	MO-HUE	srgt environ	11/26/2018	Organic	1,2-Dichloroethane-d4	n/a	=	57.3	µg/L	EPA 624	-88	-88			
2018/19-1	MO-HUE	srgt environ, rec	11/26/2018	Organic	1,2-Dichloroethane-d4	n/a	=	115	%	EPA 624	-88	-88	82	125	
2018/19-1	MO-MEI	srgt environ	11/26/2018	Organic	1,2-Dichloroethane-d4	n/a	=	54.9	µg/L	EPA 624	-88	-88			
2018/19-1	MO-MEI	srgt environ, rec	11/26/2018	Organic	1,2-Dichloroethane-d4	n/a	=	110	%	EPA 624	-88	-88	82	125	
2018/19-1	MO-MPK	srgt environ	11/26/2018	Organic	1,2-Dichloroethane-d4	n/a	=	63.2	µg/L	EPA 624	-88	-88			GN
2018/19-1	MO-MPK	srgt environ, rec	11/26/2018	Organic	1,2-Dichloroethane-d4	n/a	=	126	%	EPA 624	-88	-88	82	125	GN
2018/19-1	MO-OJA	srgt environ	11/26/2018	Organic	1,2-Dichloroethane-d4	n/a	=	56.2	µg/L	EPA 624	-88	-88			
2018/19-1	MO-OJA	srgt environ, rec	11/26/2018	Organic	1,2-Dichloroethane-d4	n/a	=	112	%	EPA 624	-88	-88	82	125	
2018/19-1	MO-OXN	srgt environ	11/26/2018	Organic	1,2-Dichloroethane-d4	n/a	=	57.9	µg/L	EPA 624	-88	-88			
2018/19-1	MO-OXN	srgt environ, rec	11/26/2018	Organic	1,2-Dichloroethane-d4	n/a	=	116	%	EPA 624	-88	-88	82	125	
2018/19-1	MO-SIM	srgt environ	11/26/2018	Organic	1,2-Dichloroethane-d4	n/a	=	57.9	µg/L	EPA 624	-88	-88			
2018/19-1	MO-SIM	srgt environ, rec	11/26/2018	Organic	1,2-Dichloroethane-d4	n/a	=	116	%	EPA 624	-88	-88	82	125	
2018/19-1	MO-VEN	srgt environ	11/26/2018	Organic	1,2-Dichloroethane-d4	n/a	=	54.6	µg/L	EPA 624	-88	-88			
2018/19-1	MO-VEN	srgt environ, rec	11/26/2018	Organic	1,2-Dichloroethane-d4	n/a	=	109	%	EPA 624	-88	-88	82	125	
2018/19-1	Lab	method blank	12/28/2018	Organic	1,2-Diphenylhydrazine	n/a	<	0.25	µg/L	EPA 625	0.25	1			
2018/19-1	Lab	method blank	12/28/2018	Organic	1,3-Dichlorobenzene	n/a	<	0.53	µg/L	EPA 625	0.53	1			
2018/19-1	Lab	LCS	12/28/2018	Organic	1,3-Dichlorobenzene	n/a	=	16.8	µg/L	EPA 625	0.53	1			
2018/19-1	Lab	LCS, rec	12/28/2018	Organic	1,3-Dichlorobenzene	n/a	=	67	%	EPA 625	-88	-88	0.1	172	
2018/19-1	Lab	LCS dup	12/28/2018	Organic	1,3-Dichlorobenzene	n/a	=	16	µg/L	EPA 625	0.53	1			
2018/19-1	Lab	LCS dup, rec	12/28/2018	Organic	1,3-Dichlorobenzene	n/a	=	64	%	EPA 625	-88	-88	0.1	172	
2018/19-1	Lab	LCS, RPD	12/28/2018	Organic	1,3-Dichlorobenzene	n/a	=	5	%	EPA 625	-88	-88	0	30	
2018/19-1	000NONPJ	srgt matrix spike dup	1/3/2019	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	0.524	µg/L	EPA 525.2m	-88	-88			
2018/19-1	000NONPJ	srgt matrix spike dup, rec	1/3/2019	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	105	%	EPA 525.2m	-88	-88	76	128	
2018/19-1	000NONPJ	srgt matrix spike	1/3/2019	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	0.538	µg/L	EPA 525.2m	-88	-88			
2018/19-1	000NONPJ	srgt matrix spike, rec	1/3/2019	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	108	%	EPA 525.2m	-88	-88	76	128	
2018/19-1	Lab	srgt method blank	12/12/2018	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	0.447	µg/L	EPA 525.2m	-88	-88			
2018/19-1	Lab	srgt method blank, rec	12/12/2018	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	89	%	EPA 525.2m	-88	-88	76	128	
2018/19-1	Lab	srgt LCS	12/12/2018	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	0.449	µg/L	EPA 525.2m	-88	-88			
2018/19-1	Lab	srgt LCS, rec	12/12/2018	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	90	%	EPA 525.2m	-88	-88	76	128	
2018/19-1	Lab	srgt method blank	12/14/2018	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	4.74	µg/L	EPA 525.2	-88	-88			
2018/19-1	Lab	srgt method blank, rec	12/14/2018	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	95	%	EPA 525.2	-88	-88	70	130	
2018/19-1	Lab	srgt LCS	12/14/2018	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	4.48	µg/L	EPA 525.2	-88	-88			
2018/19-1	Lab	srgt LCS, rec	12/14/2018	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	90	%	EPA 525.2	-88	-88	70	130	
2018/19-1	Lab	srgt LCS dup	12/14/2018	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	4.74	µg/L	EPA 525.2	-88	-88			
2018/19-1	Lab	srgt LCS dup, rec	12/14/2018	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	95	%	EPA 525.2	-88	-88	70	130	
2018/19-1	Lab	srgt method blank	1/3/2019	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	0.481	µg/L	EPA 525.2m	-88	-88			
2018/19-1	Lab	srgt method blank, rec	1/3/2019	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	96	%	EPA 525.2m	-88	-88	76	128	
2018/19-1	Lab	srgt LCS	1/3/2019	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	0.478	µg/L	EPA 525.2m	-88	-88			

Appendix F
Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2018/19-1	Lab	srgt LCS, rec	1/3/2019	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	96	%	EPA 525.2m	-88	-88	76	128	
2018/19-1	ME-CC	srgt environ	12/14/2018	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	5.17	µg/L	EPA 525.2	-88	-88			
2018/19-1	ME-CC	srgt environ, rec	12/14/2018	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	103	%	EPA 525.2	-88	-88	70	130	
2018/19-1	ME-CC	srgt environ	1/3/2019	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	0.491	µg/L	EPA 525.2m	-88	-88			
2018/19-1	ME-CC	srgt environ, rec	1/3/2019	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	98	%	EPA 525.2m	-88	-88	76	128	
2018/19-1	ME-VR2	srgt environ	12/12/2018	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	0.532	µg/L	EPA 525.2m	-88	-88			
2018/19-1	ME-VR2	srgt environ, rec	12/12/2018	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	106	%	EPA 525.2m	-88	-88	76	128	
2018/19-1	ME-VR2	srgt environ	12/14/2018	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	5.36	µg/L	EPA 525.2	-88	-88			
2018/19-1	ME-VR2	srgt environ, rec	12/14/2018	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	107	%	EPA 525.2	-88	-88	70	130	
2018/19-1	MO-CAM	srgt environ	12/12/2018	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	0.812	µg/L	EPA 525.2m	-88	-88			
2018/19-1	MO-CAM	srgt environ, rec	12/12/2018	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	81	%	EPA 525.2m	-88	-88	76	128	
2018/19-1	MO-CAM	srgt environ	12/14/2018	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	10.4	µg/L	EPA 525.2	-88	-88			
2018/19-1	MO-CAM	srgt environ, rec	12/14/2018	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	104	%	EPA 525.2	-88	-88	70	130	
2018/19-1	MO-FIL	srgt environ	12/12/2018	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	0.799	µg/L	EPA 525.2m	-88	-88			
2018/19-1	MO-FIL	srgt environ, rec	12/12/2018	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	80	%	EPA 525.2m	-88	-88	76	128	
2018/19-1	MO-FIL	srgt environ	12/14/2018	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	10.5	µg/L	EPA 525.2	-88	-88			
2018/19-1	MO-FIL	srgt environ, rec	12/14/2018	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	105	%	EPA 525.2	-88	-88	70	130	
2018/19-1	MO-HUE	srgt environ	12/12/2018	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	0.584	µg/L	EPA 525.2m	-88	-88			
2018/19-1	MO-HUE	srgt environ, rec	12/12/2018	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	117	%	EPA 525.2m	-88	-88	76	128	
2018/19-1	MO-HUE	srgt environ	12/14/2018	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	6.13	µg/L	EPA 525.2	-88	-88			
2018/19-1	MO-HUE	srgt environ, rec	12/14/2018	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	123	%	EPA 525.2	-88	-88	70	130	
2018/19-1	MO-MEI	srgt environ	12/12/2018	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	0.42	µg/L	EPA 525.2m	-88	-88			GN
2018/19-1	MO-MEI	srgt environ, rec	12/12/2018	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	42	%	EPA 525.2m	-88	-88	76	128	GN
2018/19-1	MO-MEI	srgt environ	12/14/2018	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	11.5	µg/L	EPA 525.2	-88	-88			
2018/19-1	MO-MEI	srgt environ, rec	12/14/2018	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	115	%	EPA 525.2	-88	-88	70	130	
2018/19-1	MO-MPK	srgt environ	12/14/2018	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	11.7	µg/L	EPA 525.2	-88	-88			
2018/19-1	MO-MPK	srgt environ, rec	12/14/2018	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	117	%	EPA 525.2	-88	-88	70	130	
2018/19-1	MO-MPK	srgt environ	1/3/2019	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	1.02	µg/L	EPA 525.2m	-88	-88			
2018/19-1	MO-MPK	srgt environ, rec	1/3/2019	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	102	%	EPA 525.2m	-88	-88	76	128	
2018/19-1	MO-OJA	srgt environ	12/12/2018	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	0.788	µg/L	EPA 525.2m	-88	-88			
2018/19-1	MO-OJA	srgt environ, rec	12/12/2018	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	79	%	EPA 525.2m	-88	-88	76	128	
2018/19-1	MO-OJA	srgt environ	12/14/2018	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	5.67	µg/L	EPA 525.2	-88	-88			
2018/19-1	MO-OJA	srgt environ, rec	12/14/2018	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	113	%	EPA 525.2	-88	-88	70	130	
2018/19-1	MO-OXN	srgt environ	12/12/2018	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	0.778	µg/L	EPA 525.2m	-88	-88			
2018/19-1	MO-OXN	srgt environ, rec	12/12/2018	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	78	%	EPA 525.2m	-88	-88	76	128	
2018/19-1	MO-OXN	srgt environ	12/14/2018	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	10	µg/L	EPA 525.2	-88	-88			
2018/19-1	MO-OXN	srgt environ, rec	12/14/2018	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	100	%	EPA 525.2	-88	-88	70	130	
2018/19-1	MO-SIM	srgt environ	12/12/2018	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	1.98	µg/L	EPA 525.2m	-88	-88			
2018/19-1	MO-SIM	srgt environ, rec	12/12/2018	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	79	%	EPA 525.2m	-88	-88	76	128	
2018/19-1	MO-SIM	srgt environ	12/14/2018	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	11.9	µg/L	EPA 525.2	-88	-88			
2018/19-1	MO-SIM	srgt environ, rec	12/14/2018	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	119	%	EPA 525.2	-88	-88	70	130	
2018/19-1	MO-SPA	srgt environ	12/12/2018	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	0.659	µg/L	EPA 525.2m	-88	-88			GN
2018/19-1	MO-SPA	srgt environ, rec	12/12/2018	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	66	%	EPA 525.2m	-88	-88	76	128	GN
2018/19-1	MO-SPA	srgt environ	12/14/2018	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	9.2	µg/L	EPA 525.2	-88	-88			
2018/19-1	MO-SPA	srgt environ, rec	12/14/2018	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	92	%	EPA 525.2	-88	-88	70	130	
2018/19-1	MO-THO	srgt environ	12/12/2018	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	0.827	µg/L	EPA 525.2m	-88	-88			
2018/19-1	MO-THO	srgt environ, rec	12/12/2018	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	83	%	EPA 525.2m	-88	-88	76	128	

Appendix F
Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2018/19-1	MO-THO	srgt environ	12/14/2018	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	11	µg/L	EPA 525.2	-88	-88			
2018/19-1	MO-THO	srgt environ, rec	12/14/2018	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	110	%	EPA 525.2	-88	-88	70	130	
2018/19-1	MO-VEN	srgt matrix spike	12/12/2018	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	0.881	µg/L	EPA 525.2m	-88	-88			
2018/19-1	MO-VEN	srgt matrix spike, rec	12/12/2018	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	88	%	EPA 525.2m	-88	-88	76	128	
2018/19-1	MO-VEN	srgt matrix spike dup	12/12/2018	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	0.947	µg/L	EPA 525.2m	-88	-88			
2018/19-1	MO-VEN	srgt matrix spike dup, rec	12/12/2018	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	95	%	EPA 525.2m	-88	-88	76	128	
2018/19-1	MO-VEN	srgt environ	12/12/2018	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	0.831	µg/L	EPA 525.2m	-88	-88			
2018/19-1	MO-VEN	srgt environ, rec	12/12/2018	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	83	%	EPA 525.2m	-88	-88	76	128	
2018/19-1	MO-VEN	srgt environ	12/14/2018	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	9.83	µg/L	EPA 525.2	-88	-88			
2018/19-1	MO-VEN	srgt environ, rec	12/14/2018	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	98	%	EPA 525.2	-88	-88	70	130	
2018/19-1	Lab	method blank	12/28/2018	Organic	1,4-Dichlorobenzene	n/a	<	0.55	µg/L	EPA 625	0.55	1			
2018/19-1	Lab	LCS	12/28/2018	Organic	1,4-Dichlorobenzene	n/a	=	16.9	µg/L	EPA 625	0.55	1			
2018/19-1	Lab	LCS, rec	12/28/2018	Organic	1,4-Dichlorobenzene	n/a	=	68	%	EPA 625	-88	-88	20	124	
2018/19-1	Lab	LCS dup	12/28/2018	Organic	1,4-Dichlorobenzene	n/a	=	16.2	µg/L	EPA 625	0.55	1			
2018/19-1	Lab	LCS dup, rec	12/28/2018	Organic	1,4-Dichlorobenzene	n/a	=	65	%	EPA 625	-88	-88	20	124	
2018/19-1	Lab	LCS, RPD	12/28/2018	Organic	1,4-Dichlorobenzene	n/a	=	5	%	EPA 625	-88	-88	0	30	
2018/19-1	Lab	method blank	1/3/2019	Organic	1-Methylnaphthalene	n/a	<	0.1	µg/L	EPA 8270C	0.1	0.1			
2018/19-1	Lab	method blank	1/5/2019	Organic	1-Methylnaphthalene	n/a	<	0.1	µg/L	EPA 8270C	0.1	0.1			
2018/19-1	Lab	method blank	1/2/2019	Organic	2,4,5-Trichlorophenol	n/a	<	0.29	µg/L	EPA 8270C	0.29	1			
2018/19-1	Lab	srgt method blank	12/28/2018	Organic	2,4,6-Tribromophenol	n/a	=	35	µg/L	EPA 625	-88	-88			
2018/19-1	Lab	srgt method blank, rec	12/28/2018	Organic	2,4,6-Tribromophenol	n/a	=	70	%	EPA 625	-88	-88	25	102	
2018/19-1	Lab	srgt LCS	12/28/2018	Organic	2,4,6-Tribromophenol	n/a	=	47.8	µg/L	EPA 625	-88	-88			
2018/19-1	Lab	srgt LCS, rec	12/28/2018	Organic	2,4,6-Tribromophenol	n/a	=	96	%	EPA 625	-88	-88	25	102	
2018/19-1	Lab	srgt LCS dup	12/28/2018	Organic	2,4,6-Tribromophenol	n/a	=	39.1	µg/L	EPA 625	-88	-88			
2018/19-1	Lab	srgt LCS dup, rec	12/28/2018	Organic	2,4,6-Tribromophenol	n/a	=	78	%	EPA 625	-88	-88	25	102	
2018/19-1	Lab	srgt method blank	1/2/2019	Organic	2,4,6-Tribromophenol	n/a	=	5.09	µg/L	EPA 8270C	-88	-88			
2018/19-1	Lab	srgt method blank, rec	1/2/2019	Organic	2,4,6-Tribromophenol	n/a	=	51	%	EPA 8270C	-88	-88	26	117	
2018/19-1	Lab	srgt LCS	1/2/2019	Organic	2,4,6-Tribromophenol	n/a	=	6.86	µg/L	EPA 8270C	-88	-88			
2018/19-1	Lab	srgt LCS, rec	1/2/2019	Organic	2,4,6-Tribromophenol	n/a	=	69	%	EPA 8270C	-88	-88	26	117	
2018/19-1	Lab	srgt LCS dup	1/2/2019	Organic	2,4,6-Tribromophenol	n/a	=	6.8	µg/L	EPA 8270C	-88	-88			
2018/19-1	Lab	srgt LCS dup, rec	1/2/2019	Organic	2,4,6-Tribromophenol	n/a	=	68	%	EPA 8270C	-88	-88	26	117	
2018/19-1	ME-CC	srgt environ	12/28/2018	Organic	2,4,6-Tribromophenol	n/a	=	39	µg/L	EPA 625	-88	-88			
2018/19-1	ME-CC	srgt environ, rec	12/28/2018	Organic	2,4,6-Tribromophenol	n/a	=	78	%	EPA 625	-88	-88	25	102	
2018/19-1	ME-CC	srgt environ	1/2/2019	Organic	2,4,6-Tribromophenol	n/a	=	6.19	µg/L	EPA 8270C	-88	-88			
2018/19-1	ME-CC	srgt environ, rec	1/2/2019	Organic	2,4,6-Tribromophenol	n/a	=	62	%	EPA 8270C	-88	-88	26	117	
2018/19-1	ME-VR2	srgt environ	12/28/2018	Organic	2,4,6-Tribromophenol	n/a	=	43.1	µg/L	EPA 625	-88	-88			
2018/19-1	ME-VR2	srgt environ, rec	12/28/2018	Organic	2,4,6-Tribromophenol	n/a	=	86	%	EPA 625	-88	-88	25	102	
2018/19-1	ME-VR2	srgt environ	1/2/2019	Organic	2,4,6-Tribromophenol	n/a	=	7.05	µg/L	EPA 8270C	-88	-88			
2018/19-1	ME-VR2	srgt environ, rec	1/2/2019	Organic	2,4,6-Tribromophenol	n/a	=	70	%	EPA 8270C	-88	-88	26	117	
2018/19-1	MO-CAM	srgt environ	12/28/2018	Organic	2,4,6-Tribromophenol	n/a	=	34.2	µg/L	EPA 625	-88	-88			
2018/19-1	MO-CAM	srgt environ, rec	12/28/2018	Organic	2,4,6-Tribromophenol	n/a	=	68	%	EPA 625	-88	-88	25	102	
2018/19-1	MO-CAM	srgt environ	1/2/2019	Organic	2,4,6-Tribromophenol	n/a	=	6.6	µg/L	EPA 8270C	-88	-88			
2018/19-1	MO-CAM	srgt environ, rec	1/2/2019	Organic	2,4,6-Tribromophenol	n/a	=	66	%	EPA 8270C	-88	-88	26	117	
2018/19-1	MO-FIL	srgt environ	12/29/2018	Organic	2,4,6-Tribromophenol	n/a	=	41	µg/L	EPA 625	-88	-88			
2018/19-1	MO-FIL	srgt environ, rec	12/29/2018	Organic	2,4,6-Tribromophenol	n/a	=	82	%	EPA 625	-88	-88	25	102	
2018/19-1	MO-FIL	srgt environ	1/2/2019	Organic	2,4,6-Tribromophenol	n/a	=	6.8	µg/L	EPA 8270C	-88	-88			
2018/19-1	MO-FIL	srgt environ, rec	1/2/2019	Organic	2,4,6-Tribromophenol	n/a	=	68	%	EPA 8270C	-88	-88	26	117	

Appendix F
Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2018/19-1	MO-HUE	srgt environ	12/29/2018	Organic	2,4,6-Tribromophenol	n/a	=	40.9	µg/L	EPA 625	-88	-88			
2018/19-1	MO-HUE	srgt environ, rec	12/29/2018	Organic	2,4,6-Tribromophenol	n/a	=	82	%	EPA 625	-88	-88	25	102	
2018/19-1	MO-HUE	srgt environ	1/3/2019	Organic	2,4,6-Tribromophenol	n/a	=	6.69	µg/L	EPA 8270C	-88	-88			
2018/19-1	MO-HUE	srgt environ, rec	1/3/2019	Organic	2,4,6-Tribromophenol	n/a	=	67	%	EPA 8270C	-88	-88	26	117	
2018/19-1	MO-MEI	srgt environ	12/28/2018	Organic	2,4,6-Tribromophenol	n/a	=	36.9	µg/L	EPA 625	-88	-88			
2018/19-1	MO-MEI	srgt environ, rec	12/28/2018	Organic	2,4,6-Tribromophenol	n/a	=	74	%	EPA 625	-88	-88	25	102	
2018/19-1	MO-MEI	srgt environ	1/2/2019	Organic	2,4,6-Tribromophenol	n/a	=	7.43	µg/L	EPA 8270C	-88	-88			
2018/19-1	MO-MEI	srgt environ, rec	1/2/2019	Organic	2,4,6-Tribromophenol	n/a	=	74	%	EPA 8270C	-88	-88	26	117	
2018/19-1	MO-MPK	srgt environ	12/29/2018	Organic	2,4,6-Tribromophenol	n/a	=	197	µg/L	EPA 625	-88	-88			
2018/19-1	MO-MPK	srgt environ, rec	12/29/2018	Organic	2,4,6-Tribromophenol	n/a	=	79	%	EPA 625	-88	-88	25	102	
2018/19-1	MO-MPK	srgt environ	1/2/2019	Organic	2,4,6-Tribromophenol	n/a	=	32.1	µg/L	EPA 8270C	-88	-88			
2018/19-1	MO-MPK	srgt environ, rec	1/2/2019	Organic	2,4,6-Tribromophenol	n/a	=	64	%	EPA 8270C	-88	-88	26	117	
2018/19-1	MO-OJA	srgt environ	12/28/2018	Organic	2,4,6-Tribromophenol	n/a	=	232	µg/L	EPA 625	-88	-88			
2018/19-1	MO-OJA	srgt environ, rec	12/28/2018	Organic	2,4,6-Tribromophenol	n/a	=	93	%	EPA 625	-88	-88	25	102	
2018/19-1	MO-OJA	srgt environ	1/2/2019	Organic	2,4,6-Tribromophenol	n/a	=	37.2	µg/L	EPA 8270C	-88	-88			
2018/19-1	MO-OJA	srgt environ, rec	1/2/2019	Organic	2,4,6-Tribromophenol	n/a	=	74	%	EPA 8270C	-88	-88	26	117	
2018/19-1	MO-OXN	srgt environ	12/29/2018	Organic	2,4,6-Tribromophenol	n/a	=	39.5	µg/L	EPA 625	-88	-88			
2018/19-1	MO-OXN	srgt environ, rec	12/29/2018	Organic	2,4,6-Tribromophenol	n/a	=	79	%	EPA 625	-88	-88	25	102	
2018/19-1	MO-OXN	srgt environ	1/2/2019	Organic	2,4,6-Tribromophenol	n/a	=	7.04	µg/L	EPA 8270C	-88	-88			
2018/19-1	MO-OXN	srgt environ, rec	1/2/2019	Organic	2,4,6-Tribromophenol	n/a	=	70	%	EPA 8270C	-88	-88	26	117	
2018/19-1	MO-SIM	srgt environ	12/29/2018	Organic	2,4,6-Tribromophenol	n/a	=	42.4	µg/L	EPA 625	-88	-88			
2018/19-1	MO-SIM	srgt environ, rec	12/29/2018	Organic	2,4,6-Tribromophenol	n/a	=	85	%	EPA 625	-88	-88	25	102	
2018/19-1	MO-SIM	srgt environ	1/2/2019	Organic	2,4,6-Tribromophenol	n/a	=	35.7	µg/L	EPA 8270C	-88	-88			
2018/19-1	MO-SIM	srgt environ, rec	1/2/2019	Organic	2,4,6-Tribromophenol	n/a	=	71	%	EPA 8270C	-88	-88	26	117	
2018/19-1	MO-SPA	srgt environ	12/29/2018	Organic	2,4,6-Tribromophenol	n/a	=	40.1	µg/L	EPA 625	-88	-88			
2018/19-1	MO-SPA	srgt environ, rec	12/29/2018	Organic	2,4,6-Tribromophenol	n/a	=	80	%	EPA 625	-88	-88	25	102	
2018/19-1	MO-SPA	srgt environ	1/2/2019	Organic	2,4,6-Tribromophenol	n/a	=	8.68	µg/L	EPA 8270C	-88	-88			
2018/19-1	MO-SPA	srgt environ, rec	1/2/2019	Organic	2,4,6-Tribromophenol	n/a	=	87	%	EPA 8270C	-88	-88	26	117	
2018/19-1	MO-THO	srgt environ	12/29/2018	Organic	2,4,6-Tribromophenol	n/a	=	38.4	µg/L	EPA 625	-88	-88			
2018/19-1	MO-THO	srgt environ, rec	12/29/2018	Organic	2,4,6-Tribromophenol	n/a	=	77	%	EPA 625	-88	-88	25	102	
2018/19-1	MO-THO	srgt environ	1/2/2019	Organic	2,4,6-Tribromophenol	n/a	=	6.17	µg/L	EPA 8270C	-88	-88			
2018/19-1	MO-THO	srgt environ, rec	1/2/2019	Organic	2,4,6-Tribromophenol	n/a	=	62	%	EPA 8270C	-88	-88	26	117	
2018/19-1	MO-VEN	srgt environ	12/28/2018	Organic	2,4,6-Tribromophenol	n/a	=	44.5	µg/L	EPA 625	-88	-88			
2018/19-1	MO-VEN	srgt environ, rec	12/28/2018	Organic	2,4,6-Tribromophenol	n/a	=	89	%	EPA 625	-88	-88	25	102	
2018/19-1	MO-VEN	srgt environ	1/2/2019	Organic	2,4,6-Tribromophenol	n/a	=	8.82	µg/L	EPA 8270C	-88	-88			
2018/19-1	MO-VEN	srgt environ, rec	1/2/2019	Organic	2,4,6-Tribromophenol	n/a	=	88	%	EPA 8270C	-88	-88	26	117	
2018/19-1	Lab	method blank	12/28/2018	Organic	2,4,6-Trichlorophenol	n/a	<	0.22	µg/L	EPA 625	0.22	1			
2018/19-1	Lab	LCS	12/28/2018	Organic	2,4,6-Trichlorophenol	n/a	=	19.2	µg/L	EPA 625	0.22	1			
2018/19-1	Lab	LCS, rec	12/28/2018	Organic	2,4,6-Trichlorophenol	n/a	=	77	%	EPA 625	-88	-88	37	144	
2018/19-1	Lab	LCS dup	12/28/2018	Organic	2,4,6-Trichlorophenol	n/a	=	17.5	µg/L	EPA 625	0.22	1			
2018/19-1	Lab	LCS dup, rec	12/28/2018	Organic	2,4,6-Trichlorophenol	n/a	=	70	%	EPA 625	-88	-88	37	144	
2018/19-1	Lab	LCS, RPD	12/28/2018	Organic	2,4,6-Trichlorophenol	n/a	=	9	%	EPA 625	-88	-88	0	30	
2018/19-1	Lab	method blank	1/2/2019	Organic	2,4,6-Trichlorophenol	n/a	<	0.3	µg/L	EPA 8270C	0.3	1			
2018/19-1	Lab	LCS	1/2/2019	Organic	2,4,6-Trichlorophenol	n/a	=	7	µg/L	EPA 8270C	0.3	1			
2018/19-1	Lab	LCS, rec	1/2/2019	Organic	2,4,6-Trichlorophenol	n/a	=	70	%	EPA 8270C	-88	-88	30	115	
2018/19-1	Lab	LCS dup	1/2/2019	Organic	2,4,6-Trichlorophenol	n/a	=	6.9	µg/L	EPA 8270C	0.3	1			
2018/19-1	Lab	LCS dup, rec	1/2/2019	Organic	2,4,6-Trichlorophenol	n/a	=	69	%	EPA 8270C	-88	-88	30	115	

Appendix F
Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2018/19-1	Lab	LCS, RPD	1/2/2019	Organic	2,4,6-Trichlorophenol	n/a	=	1	%	EPA 8270C	-88	-88	0	30	
2018/19-1	Lab	method blank	12/28/2018	Organic	2,4-Dichlorophenol	n/a	<	0.26	µg/L	EPA 625	0.26	1			
2018/19-1	Lab	LCS	12/28/2018	Organic	2,4-Dichlorophenol	n/a	=	20.8	µg/L	EPA 625	0.26	1			
2018/19-1	Lab	LCS, rec	12/28/2018	Organic	2,4-Dichlorophenol	n/a	=	83	%	EPA 625	-88	-88	39	135	
2018/19-1	Lab	LCS dup	12/28/2018	Organic	2,4-Dichlorophenol	n/a	=	19.3	µg/L	EPA 625	0.26	1			
2018/19-1	Lab	LCS dup, rec	12/28/2018	Organic	2,4-Dichlorophenol	n/a	=	77	%	EPA 625	-88	-88	39	135	
2018/19-1	Lab	LCS, RPD	12/28/2018	Organic	2,4-Dichlorophenol	n/a	=	7	%	EPA 625	-88	-88	0	30	
2018/19-1	Lab	method blank	1/2/2019	Organic	2,4-Dichlorophenol	n/a	<	0.51	µg/L	EPA 8270C	0.51	1			
2018/19-1	Lab	LCS	1/2/2019	Organic	2,4-Dichlorophenol	n/a	=	7.15	µg/L	EPA 8270C	0.51	1			
2018/19-1	Lab	LCS, rec	1/2/2019	Organic	2,4-Dichlorophenol	n/a	=	72	%	EPA 8270C	-88	-88	32	105	
2018/19-1	Lab	LCS dup	1/2/2019	Organic	2,4-Dichlorophenol	n/a	=	6.84	µg/L	EPA 8270C	0.51	1			
2018/19-1	Lab	LCS dup, rec	1/2/2019	Organic	2,4-Dichlorophenol	n/a	=	68	%	EPA 8270C	-88	-88	32	105	
2018/19-1	Lab	LCS, RPD	1/2/2019	Organic	2,4-Dichlorophenol	n/a	=	5	%	EPA 8270C	-88	-88	0	30	
2018/19-1	000NONPJ	srgt matrix spike	12/14/2018	Organic	2,4-Dichlorophenylacetic acid	n/a	=	10.9	µg/L	EPA 515.3	-88	-88			
2018/19-1	000NONPJ	srgt matrix spike, rec	12/14/2018	Organic	2,4-Dichlorophenylacetic acid	n/a	=	109	%	EPA 515.3	-88	-88	70	130	
2018/19-1	000NONPJ	srgt matrix spike dup	12/14/2018	Organic	2,4-Dichlorophenylacetic acid	n/a	=	10.9	µg/L	EPA 515.3	-88	-88			
2018/19-1	000NONPJ	srgt matrix spike dup, rec	12/14/2018	Organic	2,4-Dichlorophenylacetic acid	n/a	=	109	%	EPA 515.3	-88	-88	70	130	
2018/19-1	000NONPJ	srgt matrix spike	12/14/2018	Organic	2,4-Dichlorophenylacetic acid	n/a	=	10.8	µg/L	EPA 515.3	-88	-88			
2018/19-1	000NONPJ	srgt matrix spike, rec	12/14/2018	Organic	2,4-Dichlorophenylacetic acid	n/a	=	108	%	EPA 515.3	-88	-88	70	130	
2018/19-1	000NONPJ	srgt matrix spike dup	12/14/2018	Organic	2,4-Dichlorophenylacetic acid	n/a	=	11.3	µg/L	EPA 515.3	-88	-88			
2018/19-1	000NONPJ	srgt matrix spike dup, rec	12/14/2018	Organic	2,4-Dichlorophenylacetic acid	n/a	=	113	%	EPA 515.3	-88	-88	70	130	
2018/19-1	Lab	srgt method blank	12/14/2018	Organic	2,4-Dichlorophenylacetic acid	n/a	=	10.5	µg/L	EPA 515.3	-88	-88			
2018/19-1	Lab	srgt method blank, rec	12/14/2018	Organic	2,4-Dichlorophenylacetic acid	n/a	=	105	%	EPA 515.3	-88	-88	70	130	
2018/19-1	Lab	srgt LCS	12/14/2018	Organic	2,4-Dichlorophenylacetic acid	n/a	=	11	µg/L	EPA 515.3	-88	-88			
2018/19-1	Lab	srgt LCS, rec	12/14/2018	Organic	2,4-Dichlorophenylacetic acid	n/a	=	110	%	EPA 515.3	-88	-88	70	130	
2018/19-1	ME-CC	srgt environ	12/15/2018	Organic	2,4-Dichlorophenylacetic acid	n/a	=	10.5	µg/L	EPA 515.3	-88	-88			
2018/19-1	ME-CC	srgt environ, rec	12/15/2018	Organic	2,4-Dichlorophenylacetic acid	n/a	=	105	%	EPA 515.3	-88	-88	70	130	
2018/19-1	ME-VR2	srgt environ	12/15/2018	Organic	2,4-Dichlorophenylacetic acid	n/a	=	10.6	µg/L	EPA 515.3	-88	-88			
2018/19-1	ME-VR2	srgt environ, rec	12/15/2018	Organic	2,4-Dichlorophenylacetic acid	n/a	=	106	%	EPA 515.3	-88	-88	70	130	
2018/19-1	MO-CAM	srgt environ	12/15/2018	Organic	2,4-Dichlorophenylacetic acid	n/a	=	12	µg/L	EPA 515.3	-88	-88			
2018/19-1	MO-CAM	srgt environ, rec	12/15/2018	Organic	2,4-Dichlorophenylacetic acid	n/a	=	120	%	EPA 515.3	-88	-88	70	130	
2018/19-1	MO-FIL	srgt environ	12/15/2018	Organic	2,4-Dichlorophenylacetic acid	n/a	=	11.5	µg/L	EPA 515.3	-88	-88			
2018/19-1	MO-FIL	srgt environ, rec	12/15/2018	Organic	2,4-Dichlorophenylacetic acid	n/a	=	115	%	EPA 515.3	-88	-88	70	130	
2018/19-1	MO-HUE	srgt environ	12/15/2018	Organic	2,4-Dichlorophenylacetic acid	n/a	=	10.6	µg/L	EPA 515.3	-88	-88			
2018/19-1	MO-HUE	srgt environ, rec	12/15/2018	Organic	2,4-Dichlorophenylacetic acid	n/a	=	106	%	EPA 515.3	-88	-88	70	130	
2018/19-1	MO-MEI	srgt environ	12/15/2018	Organic	2,4-Dichlorophenylacetic acid	n/a	=	12.6	µg/L	EPA 515.3	-88	-88			
2018/19-1	MO-MEI	srgt environ, rec	12/15/2018	Organic	2,4-Dichlorophenylacetic acid	n/a	=	126	%	EPA 515.3	-88	-88	70	130	
2018/19-1	MO-MPK	srgt environ	12/15/2018	Organic	2,4-Dichlorophenylacetic acid	n/a	=	11.8	µg/L	EPA 515.3	-88	-88			
2018/19-1	MO-MPK	srgt environ, rec	12/15/2018	Organic	2,4-Dichlorophenylacetic acid	n/a	=	118	%	EPA 515.3	-88	-88	70	130	
2018/19-1	MO-OJA	srgt environ	12/15/2018	Organic	2,4-Dichlorophenylacetic acid	n/a	=	11.6	µg/L	EPA 515.3	-88	-88			
2018/19-1	MO-OJA	srgt environ, rec	12/15/2018	Organic	2,4-Dichlorophenylacetic acid	n/a	=	116	%	EPA 515.3	-88	-88	70	130	
2018/19-1	MO-OXN	srgt environ	12/15/2018	Organic	2,4-Dichlorophenylacetic acid	n/a	=	11.6	µg/L	EPA 515.3	-88	-88			
2018/19-1	MO-OXN	srgt environ, rec	12/15/2018	Organic	2,4-Dichlorophenylacetic acid	n/a	=	116	%	EPA 515.3	-88	-88	70	130	
2018/19-1	MO-SIM	srgt environ	12/15/2018	Organic	2,4-Dichlorophenylacetic acid	n/a	=	10.7	µg/L	EPA 515.3	-88	-88			
2018/19-1	MO-SIM	srgt environ, rec	12/15/2018	Organic	2,4-Dichlorophenylacetic acid	n/a	=	107	%	EPA 515.3	-88	-88	70	130	
2018/19-1	MO-SPA	srgt environ	12/15/2018	Organic	2,4-Dichlorophenylacetic acid	n/a	=	11.6	µg/L	EPA 515.3	-88	-88			
2018/19-1	MO-SPA	srgt environ, rec	12/15/2018	Organic	2,4-Dichlorophenylacetic acid	n/a	=	116	%	EPA 515.3	-88	-88	70	130	

Appendix F
Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2018/19-1	MO-THO	srgt environ	12/15/2018	Organic	2,4-Dichlorophenylacetic acid	n/a	=	11	µg/L	EPA 515.3	-88	-88			
2018/19-1	MO-THO	srgt environ, rec	12/15/2018	Organic	2,4-Dichlorophenylacetic acid	n/a	=	110	%	EPA 515.3	-88	-88	70	130	
2018/19-1	MO-VEN	srgt environ	12/15/2018	Organic	2,4-Dichlorophenylacetic acid	n/a	=	11.5	µg/L	EPA 515.3	-88	-88			
2018/19-1	MO-VEN	srgt environ, rec	12/15/2018	Organic	2,4-Dichlorophenylacetic acid	n/a	=	115	%	EPA 515.3	-88	-88	70	130	
2018/19-1	Lab	method blank	12/28/2018	Organic	2,4-Dimethylphenol	n/a	<	0.3	µg/L	EPA 625	0.3	1			
2018/19-1	Lab	LCS	12/28/2018	Organic	2,4-Dimethylphenol	n/a	=	19	µg/L	EPA 625	0.3	1			
2018/19-1	Lab	LCS, rec	12/28/2018	Organic	2,4-Dimethylphenol	n/a	=	76	%	EPA 625	-88	-88	32	119	
2018/19-1	Lab	LCS dup	12/28/2018	Organic	2,4-Dimethylphenol	n/a	=	15.9	µg/L	EPA 625	0.3	1			
2018/19-1	Lab	LCS dup, rec	12/28/2018	Organic	2,4-Dimethylphenol	n/a	=	64	%	EPA 625	-88	-88	32	119	
2018/19-1	Lab	LCS, RPD	12/28/2018	Organic	2,4-Dimethylphenol	n/a	=	17	%	EPA 625	-88	-88	0	30	
2018/19-1	Lab	method blank	1/2/2019	Organic	2,4-Dimethylphenol	n/a	<	1	µg/L	EPA 8270C	1	2			
2018/19-1	Lab	LCS	1/2/2019	Organic	2,4-Dimethylphenol	n/a	=	5.89	µg/L	EPA 8270C	1	2			
2018/19-1	Lab	LCS, rec	1/2/2019	Organic	2,4-Dimethylphenol	n/a	=	59	%	EPA 8270C	-88	-88	31	97	
2018/19-1	Lab	LCS dup	1/2/2019	Organic	2,4-Dimethylphenol	n/a	=	4.52	µg/L	EPA 8270C	1	2			
2018/19-1	Lab	LCS dup, rec	1/2/2019	Organic	2,4-Dimethylphenol	n/a	=	45	%	EPA 8270C	-88	-88	31	97	
2018/19-1	Lab	LCS, RPD	1/2/2019	Organic	2,4-Dimethylphenol	n/a	=	26	%	EPA 8270C	-88	-88	0	30	
2018/19-1	Lab	method blank	12/28/2018	Organic	2,4-Dinitrophenol	n/a	<	1.6	µg/L	EPA 625	1.6	10			
2018/19-1	Lab	LCS	12/28/2018	Organic	2,4-Dinitrophenol	n/a	=	33.8	µg/L	EPA 625	1.6	10			
2018/19-1	Lab	LCS, rec	12/28/2018	Organic	2,4-Dinitrophenol	n/a	=	135	%	EPA 625	-88	-88	0.1	191	
2018/19-1	Lab	LCS dup	12/28/2018	Organic	2,4-Dinitrophenol	n/a	=	30.7	µg/L	EPA 625	1.6	10			
2018/19-1	Lab	LCS dup, rec	12/28/2018	Organic	2,4-Dinitrophenol	n/a	=	123	%	EPA 625	-88	-88	0.1	191	
2018/19-1	Lab	LCS, RPD	12/28/2018	Organic	2,4-Dinitrophenol	n/a	=	10	%	EPA 625	-88	-88	0	30	
2018/19-1	Lab	method blank	1/2/2019	Organic	2,4-Dinitrophenol	n/a	<	1	µg/L	EPA 8270C	1	2			
2018/19-1	Lab	LCS	1/2/2019	Organic	2,4-Dinitrophenol	n/a	=	20.7	µg/L	EPA 8270C	1	2			EUM
2018/19-1	Lab	LCS, rec	1/2/2019	Organic	2,4-Dinitrophenol	n/a	=	207	%	EPA 8270C	-88	-88	7	155	EUM
2018/19-1	Lab	LCS dup	1/2/2019	Organic	2,4-Dinitrophenol	n/a	=	21.4	µg/L	EPA 8270C	1	2			EUM
2018/19-1	Lab	LCS dup, rec	1/2/2019	Organic	2,4-Dinitrophenol	n/a	=	214	%	EPA 8270C	-88	-88	7	155	EUM
2018/19-1	Lab	LCS, RPD	1/2/2019	Organic	2,4-Dinitrophenol	n/a	=	4	%	EPA 8270C	-88	-88	0	30	
2018/19-1	Lab	method blank	12/28/2018	Organic	2,4-Dinitrotoluene	n/a	<	0.18	µg/L	EPA 625	0.18	1			
2018/19-1	Lab	LCS	12/28/2018	Organic	2,4-Dinitrotoluene	n/a	=	24.6	µg/L	EPA 625	0.18	1			
2018/19-1	Lab	LCS, rec	12/28/2018	Organic	2,4-Dinitrotoluene	n/a	=	98	%	EPA 625	-88	-88	39	139	
2018/19-1	Lab	LCS dup	12/28/2018	Organic	2,4-Dinitrotoluene	n/a	=	22.7	µg/L	EPA 625	0.18	1			
2018/19-1	Lab	LCS dup, rec	12/28/2018	Organic	2,4-Dinitrotoluene	n/a	=	91	%	EPA 625	-88	-88	39	139	
2018/19-1	Lab	LCS, RPD	12/28/2018	Organic	2,4-Dinitrotoluene	n/a	=	8	%	EPA 625	-88	-88	0	30	
2018/19-1	Lab	method blank	12/28/2018	Organic	2,6-Dinitrotoluene	n/a	<	0.27	µg/L	EPA 625	0.27	1			
2018/19-1	Lab	LCS	12/28/2018	Organic	2,6-Dinitrotoluene	n/a	=	19.7	µg/L	EPA 625	0.27	1			
2018/19-1	Lab	LCS, rec	12/28/2018	Organic	2,6-Dinitrotoluene	n/a	=	79	%	EPA 625	-88	-88	50	158	
2018/19-1	Lab	LCS dup	12/28/2018	Organic	2,6-Dinitrotoluene	n/a	=	18	µg/L	EPA 625	0.27	1			
2018/19-1	Lab	LCS dup, rec	12/28/2018	Organic	2,6-Dinitrotoluene	n/a	=	72	%	EPA 625	-88	-88	50	158	
2018/19-1	Lab	LCS, RPD	12/28/2018	Organic	2,6-Dinitrotoluene	n/a	=	9	%	EPA 625	-88	-88	0	30	
2018/19-1	Lab	LCS	11/26/2018	Organic	2-Chloroethyl vinyl ether	n/a	=	40.3	µg/L	EPA 624	0.28	1			
2018/19-1	Lab	LCS, rec	11/26/2018	Organic	2-Chloroethyl vinyl ether	n/a	=	81	%	EPA 624	-88	-88	0.1	305	
2018/19-1	Lab	LCS dup	11/26/2018	Organic	2-Chloroethyl vinyl ether	n/a	=	42.9	µg/L	EPA 624	0.28	1			
2018/19-1	Lab	LCS dup, rec	11/26/2018	Organic	2-Chloroethyl vinyl ether	n/a	=	86	%	EPA 624	-88	-88	0.1	305	
2018/19-1	Lab	LCS, RPD	11/26/2018	Organic	2-Chloroethyl vinyl ether	n/a	=	6	%	EPA 624	-88	-88	0	25	
2018/19-1	Lab	method blank	11/26/2018	Organic	2-Chloroethyl vinyl ether	n/a	<	0.28	µg/L	EPA 624	0.28	1			
2018/19-1	MO-CAM	field duplicate	11/26/2018	Organic	2-Chloroethyl vinyl ether	n/a	<	0.28	µg/L	EPA 624	0.28	1			

Appendix F
Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2018/19-1	Lab	method blank	12/28/2018	Organic	2-Chloronaphthalene	n/a	<	0.45	µg/L	EPA 625	0.45	1			
2018/19-1	Lab	LCS	12/28/2018	Organic	2-Chloronaphthalene	n/a	=	18.6	µg/L	EPA 625	0.45	1			
2018/19-1	Lab	LCS, rec	12/28/2018	Organic	2-Chloronaphthalene	n/a	=	75	%	EPA 625	-88	-88	60	118	
2018/19-1	Lab	LCS dup	12/28/2018	Organic	2-Chloronaphthalene	n/a	=	17.3	µg/L	EPA 625	0.45	1			
2018/19-1	Lab	LCS dup, rec	12/28/2018	Organic	2-Chloronaphthalene	n/a	=	69	%	EPA 625	-88	-88	60	118	
2018/19-1	Lab	LCS, RPD	12/28/2018	Organic	2-Chloronaphthalene	n/a	=	8	%	EPA 625	-88	-88	0	30	
2018/19-1	Lab	method blank	12/28/2018	Organic	2-Chlorophenol	n/a	<	0.28	µg/L	EPA 625	0.28	1			
2018/19-1	Lab	LCS	12/28/2018	Organic	2-Chlorophenol	n/a	=	17.3	µg/L	EPA 625	0.28	1			
2018/19-1	Lab	LCS, rec	12/28/2018	Organic	2-Chlorophenol	n/a	=	69	%	EPA 625	-88	-88	23	134	
2018/19-1	Lab	LCS dup	12/28/2018	Organic	2-Chlorophenol	n/a	=	16.3	µg/L	EPA 625	0.28	1			
2018/19-1	Lab	LCS dup, rec	12/28/2018	Organic	2-Chlorophenol	n/a	=	65	%	EPA 625	-88	-88	23	134	
2018/19-1	Lab	LCS, RPD	12/28/2018	Organic	2-Chlorophenol	n/a	=	6	%	EPA 625	-88	-88	0	30	
2018/19-1	Lab	method blank	1/2/2019	Organic	2-Chlorophenol	n/a	<	0.65	µg/L	EPA 8270C	0.65	1			
2018/19-1	Lab	LCS	1/2/2019	Organic	2-Chlorophenol	n/a	=	7.33	µg/L	EPA 8270C	0.65	1			
2018/19-1	Lab	LCS, rec	1/2/2019	Organic	2-Chlorophenol	n/a	=	73	%	EPA 8270C	-88	-88	27	90	
2018/19-1	Lab	LCS dup	1/2/2019	Organic	2-Chlorophenol	n/a	=	7.01	µg/L	EPA 8270C	0.65	1			
2018/19-1	Lab	LCS dup, rec	1/2/2019	Organic	2-Chlorophenol	n/a	=	70	%	EPA 8270C	-88	-88	27	90	
2018/19-1	Lab	LCS, RPD	1/2/2019	Organic	2-Chlorophenol	n/a	=	4	%	EPA 8270C	-88	-88	0	30	
2018/19-1	Lab	srgt method blank	12/28/2018	Organic	2-Fluorobiphenyl	n/a	=	16.3	µg/L	EPA 625	-88	-88			
2018/19-1	Lab	srgt method blank, rec	12/28/2018	Organic	2-Fluorobiphenyl	n/a	=	65	%	EPA 625	-88	-88	22	107	
2018/19-1	Lab	srgt LCS	12/28/2018	Organic	2-Fluorobiphenyl	n/a	=	17.9	µg/L	EPA 625	-88	-88			
2018/19-1	Lab	srgt LCS, rec	12/28/2018	Organic	2-Fluorobiphenyl	n/a	=	72	%	EPA 625	-88	-88	22	107	
2018/19-1	Lab	srgt LCS dup	12/28/2018	Organic	2-Fluorobiphenyl	n/a	=	16.2	µg/L	EPA 625	-88	-88			
2018/19-1	Lab	srgt LCS dup, rec	12/28/2018	Organic	2-Fluorobiphenyl	n/a	=	65	%	EPA 625	-88	-88	22	107	
2018/19-1	Lab	srgt method blank	1/3/2019	Organic	2-Fluorobiphenyl	n/a	=	3.17	µg/L	EPA 8270C	-88	-88			
2018/19-1	Lab	srgt method blank, rec	1/3/2019	Organic	2-Fluorobiphenyl	n/a	=	63	%	EPA 8270C	-88	-88	51	139	
2018/19-1	Lab	srgt LCS	1/4/2019	Organic	2-Fluorobiphenyl	n/a	=	3.86	µg/L	EPA 8270C	-88	-88			
2018/19-1	Lab	srgt LCS, rec	1/4/2019	Organic	2-Fluorobiphenyl	n/a	=	77	%	EPA 8270C	-88	-88	51	139	
2018/19-1	Lab	srgt LCS dup	1/4/2019	Organic	2-Fluorobiphenyl	n/a	=	3.6	µg/L	EPA 8270C	-88	-88			
2018/19-1	Lab	srgt LCS dup, rec	1/4/2019	Organic	2-Fluorobiphenyl	n/a	=	72	%	EPA 8270C	-88	-88	51	139	
2018/19-1	Lab	srgt method blank	1/5/2019	Organic	2-Fluorobiphenyl	n/a	=	2.95	µg/L	EPA 8270C	-88	-88			
2018/19-1	Lab	srgt method blank, rec	1/5/2019	Organic	2-Fluorobiphenyl	n/a	=	59	%	EPA 8270C	-88	-88	51	139	
2018/19-1	Lab	srgt LCS	1/5/2019	Organic	2-Fluorobiphenyl	n/a	=	3.55	µg/L	EPA 8270C	-88	-88			
2018/19-1	Lab	srgt LCS, rec	1/5/2019	Organic	2-Fluorobiphenyl	n/a	=	71	%	EPA 8270C	-88	-88	51	139	
2018/19-1	Lab	srgt LCS dup	1/5/2019	Organic	2-Fluorobiphenyl	n/a	=	3.29	µg/L	EPA 8270C	-88	-88			
2018/19-1	Lab	srgt LCS dup, rec	1/5/2019	Organic	2-Fluorobiphenyl	n/a	=	66	%	EPA 8270C	-88	-88	51	139	
2018/19-1	ME-CC	srgt environ	12/28/2018	Organic	2-Fluorobiphenyl	n/a	=	16.8	µg/L	EPA 625	-88	-88			
2018/19-1	ME-CC	srgt environ, rec	12/28/2018	Organic	2-Fluorobiphenyl	n/a	=	67	%	EPA 625	-88	-88	22	107	
2018/19-1	ME-CC	srgt environ	1/4/2019	Organic	2-Fluorobiphenyl	n/a	=	2.74	µg/L	EPA 8270C	-88	-88			
2018/19-1	ME-CC	srgt environ, rec	1/4/2019	Organic	2-Fluorobiphenyl	n/a	=	55	%	EPA 8270C	-88	-88	51	139	
2018/19-1	ME-VR2	srgt environ	12/28/2018	Organic	2-Fluorobiphenyl	n/a	=	18.2	µg/L	EPA 625	-88	-88			
2018/19-1	ME-VR2	srgt environ, rec	12/28/2018	Organic	2-Fluorobiphenyl	n/a	=	73	%	EPA 625	-88	-88	22	107	
2018/19-1	ME-VR2	srgt environ	1/4/2019	Organic	2-Fluorobiphenyl	n/a	=	4.02	µg/L	EPA 8270C	-88	-88			
2018/19-1	ME-VR2	srgt environ, rec	1/4/2019	Organic	2-Fluorobiphenyl	n/a	=	80	%	EPA 8270C	-88	-88	51	139	
2018/19-1	MO-CAM	srgt environ	12/28/2018	Organic	2-Fluorobiphenyl	n/a	=	12.8	µg/L	EPA 625	-88	-88			
2018/19-1	MO-CAM	srgt environ, rec	12/28/2018	Organic	2-Fluorobiphenyl	n/a	=	51	%	EPA 625	-88	-88	22	107	
2018/19-1	MO-CAM	srgt environ	1/4/2019	Organic	2-Fluorobiphenyl	n/a	=	3.09	µg/L	EPA 8270C	-88	-88			

Appendix F
Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2018/19-1	MO-CAM	srgt environ, rec	1/4/2019	Organic	2-Fluorobiphenyl	n/a	=	62	%	EPA 8270C	-88	-88	51	139	
2018/19-1	MO-FIL	srgt environ	12/29/2018	Organic	2-Fluorobiphenyl	n/a	=	15.4	µg/L	EPA 625	-88	-88			
2018/19-1	MO-FIL	srgt environ, rec	12/29/2018	Organic	2-Fluorobiphenyl	n/a	=	62	%	EPA 625	-88	-88	22	107	
2018/19-1	MO-FIL	srgt environ	1/4/2019	Organic	2-Fluorobiphenyl	n/a	=	3.13	µg/L	EPA 8270C	-88	-88			
2018/19-1	MO-FIL	srgt environ, rec	1/4/2019	Organic	2-Fluorobiphenyl	n/a	=	63	%	EPA 8270C	-88	-88	51	139	
2018/19-1	MO-HUE	srgt environ	12/29/2018	Organic	2-Fluorobiphenyl	n/a	=	18.3	µg/L	EPA 625	-88	-88			
2018/19-1	MO-HUE	srgt environ, rec	12/29/2018	Organic	2-Fluorobiphenyl	n/a	=	73	%	EPA 625	-88	-88	22	107	
2018/19-1	MO-HUE	srgt environ	1/4/2019	Organic	2-Fluorobiphenyl	n/a	=	3.52	µg/L	EPA 8270C	-88	-88			
2018/19-1	MO-HUE	srgt environ, rec	1/4/2019	Organic	2-Fluorobiphenyl	n/a	=	70	%	EPA 8270C	-88	-88	51	139	
2018/19-1	MO-MEI	srgt environ	12/28/2018	Organic	2-Fluorobiphenyl	n/a	=	14.7	µg/L	EPA 625	-88	-88			
2018/19-1	MO-MEI	srgt environ, rec	12/28/2018	Organic	2-Fluorobiphenyl	n/a	=	59	%	EPA 625	-88	-88	22	107	
2018/19-1	MO-MEI	srgt environ	1/4/2019	Organic	2-Fluorobiphenyl	n/a	=	3.63	µg/L	EPA 8270C	-88	-88			
2018/19-1	MO-MEI	srgt environ, rec	1/4/2019	Organic	2-Fluorobiphenyl	n/a	=	73	%	EPA 8270C	-88	-88	51	139	
2018/19-1	MO-MPK	srgt environ	12/29/2018	Organic	2-Fluorobiphenyl	n/a	=	78.2	µg/L	EPA 625	-88	-88			
2018/19-1	MO-MPK	srgt environ, rec	12/29/2018	Organic	2-Fluorobiphenyl	n/a	=	63	%	EPA 625	-88	-88	22	107	
2018/19-1	MO-MPK	srgt environ	1/4/2019	Organic	2-Fluorobiphenyl	n/a	=	19.2	µg/L	EPA 8270C	-88	-88			
2018/19-1	MO-MPK	srgt environ, rec	1/4/2019	Organic	2-Fluorobiphenyl	n/a	=	77	%	EPA 8270C	-88	-88	51	139	
2018/19-1	MO-OJA	srgt environ	12/28/2018	Organic	2-Fluorobiphenyl	n/a	=	106	µg/L	EPA 625	-88	-88			
2018/19-1	MO-OJA	srgt environ, rec	12/28/2018	Organic	2-Fluorobiphenyl	n/a	=	85	%	EPA 625	-88	-88	22	107	
2018/19-1	MO-OJA	srgt environ	1/4/2019	Organic	2-Fluorobiphenyl	n/a	=	22.2	µg/L	EPA 8270C	-88	-88			
2018/19-1	MO-OJA	srgt environ, rec	1/4/2019	Organic	2-Fluorobiphenyl	n/a	=	89	%	EPA 8270C	-88	-88	51	139	
2018/19-1	MO-OXN	srgt environ	12/29/2018	Organic	2-Fluorobiphenyl	n/a	=	15.4	µg/L	EPA 625	-88	-88			
2018/19-1	MO-OXN	srgt environ, rec	12/29/2018	Organic	2-Fluorobiphenyl	n/a	=	62	%	EPA 625	-88	-88	22	107	
2018/19-1	MO-OXN	srgt environ	1/4/2019	Organic	2-Fluorobiphenyl	n/a	=	3.43	µg/L	EPA 8270C	-88	-88			
2018/19-1	MO-OXN	srgt environ, rec	1/4/2019	Organic	2-Fluorobiphenyl	n/a	=	69	%	EPA 8270C	-88	-88	51	139	
2018/19-1	MO-SIM	srgt environ	12/29/2018	Organic	2-Fluorobiphenyl	n/a	=	16.8	µg/L	EPA 625	-88	-88			
2018/19-1	MO-SIM	srgt environ, rec	12/29/2018	Organic	2-Fluorobiphenyl	n/a	=	67	%	EPA 625	-88	-88	22	107	
2018/19-1	MO-SIM	srgt environ	1/4/2019	Organic	2-Fluorobiphenyl	n/a	=	19.7	µg/L	EPA 8270C	-88	-88			
2018/19-1	MO-SIM	srgt environ, rec	1/4/2019	Organic	2-Fluorobiphenyl	n/a	=	79	%	EPA 8270C	-88	-88	51	139	
2018/19-1	MO-SPA	srgt environ	12/29/2018	Organic	2-Fluorobiphenyl	n/a	=	16	µg/L	EPA 625	-88	-88			
2018/19-1	MO-SPA	srgt environ, rec	12/29/2018	Organic	2-Fluorobiphenyl	n/a	=	64	%	EPA 625	-88	-88	22	107	
2018/19-1	MO-SPA	srgt environ	1/4/2019	Organic	2-Fluorobiphenyl	n/a	=	3.3	µg/L	EPA 8270C	-88	-88			
2018/19-1	MO-SPA	srgt environ, rec	1/4/2019	Organic	2-Fluorobiphenyl	n/a	=	66	%	EPA 8270C	-88	-88	51	139	
2018/19-1	MO-THO	srgt environ	12/29/2018	Organic	2-Fluorobiphenyl	n/a	=	14.1	µg/L	EPA 625	-88	-88			
2018/19-1	MO-THO	srgt environ, rec	12/29/2018	Organic	2-Fluorobiphenyl	n/a	=	56	%	EPA 625	-88	-88	22	107	
2018/19-1	MO-THO	srgt environ	1/4/2019	Organic	2-Fluorobiphenyl	n/a	=	3.6	µg/L	EPA 8270C	-88	-88			
2018/19-1	MO-THO	srgt environ, rec	1/4/2019	Organic	2-Fluorobiphenyl	n/a	=	72	%	EPA 8270C	-88	-88	51	139	
2018/19-1	MO-VEN	srgt environ	12/28/2018	Organic	2-Fluorobiphenyl	n/a	=	16.6	µg/L	EPA 625	-88	-88			
2018/19-1	MO-VEN	srgt environ, rec	12/28/2018	Organic	2-Fluorobiphenyl	n/a	=	66	%	EPA 625	-88	-88	22	107	
2018/19-1	MO-VEN	srgt environ	1/4/2019	Organic	2-Fluorobiphenyl	n/a	=	3.57	µg/L	EPA 8270C	-88	-88			
2018/19-1	MO-VEN	srgt environ, rec	1/4/2019	Organic	2-Fluorobiphenyl	n/a	=	71	%	EPA 8270C	-88	-88	51	139	
2018/19-1	Lab	srgt method blank	12/28/2018	Organic	2-Fluorophenol	n/a	=	27.3	µg/L	EPA 625	-88	-88			
2018/19-1	Lab	srgt method blank, rec	12/28/2018	Organic	2-Fluorophenol	n/a	=	55	%	EPA 625	-88	-88	3	74	
2018/19-1	Lab	srgt LCS	12/28/2018	Organic	2-Fluorophenol	n/a	=	27.2	µg/L	EPA 625	-88	-88			
2018/19-1	Lab	srgt LCS, rec	12/28/2018	Organic	2-Fluorophenol	n/a	=	54	%	EPA 625	-88	-88	3	74	
2018/19-1	Lab	srgt LCS dup	12/28/2018	Organic	2-Fluorophenol	n/a	=	20.9	µg/L	EPA 625	-88	-88			
2018/19-1	Lab	srgt LCS dup, rec	12/28/2018	Organic	2-Fluorophenol	n/a	=	42	%	EPA 625	-88	-88	3	74	

Appendix F
Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2018/19-1	Lab	srgt method blank	1/2/2019	Organic	2-Fluorophenol	n/a	=	5.29	µg/L	EPA 8270C	-88	-88			
2018/19-1	Lab	srgt method blank, rec	1/2/2019	Organic	2-Fluorophenol	n/a	=	53	%	EPA 8270C	-88	-88	11	62	
2018/19-1	Lab	srgt LCS	1/2/2019	Organic	2-Fluorophenol	n/a	=	5.3	µg/L	EPA 8270C	-88	-88			
2018/19-1	Lab	srgt LCS, rec	1/2/2019	Organic	2-Fluorophenol	n/a	=	53	%	EPA 8270C	-88	-88	11	62	
2018/19-1	Lab	srgt LCS dup	1/2/2019	Organic	2-Fluorophenol	n/a	=	5.17	µg/L	EPA 8270C	-88	-88			
2018/19-1	Lab	srgt LCS dup, rec	1/2/2019	Organic	2-Fluorophenol	n/a	=	52	%	EPA 8270C	-88	-88	11	62	
2018/19-1	ME-CC	srgt environ	12/28/2018	Organic	2-Fluorophenol	n/a	=	25.2	µg/L	EPA 625	-88	-88			
2018/19-1	ME-CC	srgt environ, rec	12/28/2018	Organic	2-Fluorophenol	n/a	=	50	%	EPA 625	-88	-88	3	74	
2018/19-1	ME-CC	srgt environ	1/2/2019	Organic	2-Fluorophenol	n/a	=	5.29	µg/L	EPA 8270C	-88	-88			
2018/19-1	ME-CC	srgt environ, rec	1/2/2019	Organic	2-Fluorophenol	n/a	=	53	%	EPA 8270C	-88	-88	11	62	
2018/19-1	ME-VR2	srgt environ	12/28/2018	Organic	2-Fluorophenol	n/a	=	23.1	µg/L	EPA 625	-88	-88			
2018/19-1	ME-VR2	srgt environ, rec	12/28/2018	Organic	2-Fluorophenol	n/a	=	46	%	EPA 625	-88	-88	3	74	
2018/19-1	ME-VR2	srgt environ	1/2/2019	Organic	2-Fluorophenol	n/a	=	5.59	µg/L	EPA 8270C	-88	-88			
2018/19-1	ME-VR2	srgt environ, rec	1/2/2019	Organic	2-Fluorophenol	n/a	=	56	%	EPA 8270C	-88	-88	11	62	
2018/19-1	MO-CAM	srgt environ	12/28/2018	Organic	2-Fluorophenol	n/a	=	15.9	µg/L	EPA 625	-88	-88			
2018/19-1	MO-CAM	srgt environ, rec	12/28/2018	Organic	2-Fluorophenol	n/a	=	32	%	EPA 625	-88	-88	3	74	
2018/19-1	MO-CAM	srgt environ	1/2/2019	Organic	2-Fluorophenol	n/a	=	4.43	µg/L	EPA 8270C	-88	-88			
2018/19-1	MO-CAM	srgt environ, rec	1/2/2019	Organic	2-Fluorophenol	n/a	=	44	%	EPA 8270C	-88	-88	11	62	
2018/19-1	MO-FIL	srgt environ	12/29/2018	Organic	2-Fluorophenol	n/a	=	23.3	µg/L	EPA 625	-88	-88			
2018/19-1	MO-FIL	srgt environ, rec	12/29/2018	Organic	2-Fluorophenol	n/a	=	47	%	EPA 625	-88	-88	3	74	
2018/19-1	MO-FIL	srgt environ	1/2/2019	Organic	2-Fluorophenol	n/a	=	3.92	µg/L	EPA 8270C	-88	-88			
2018/19-1	MO-FIL	srgt environ, rec	1/2/2019	Organic	2-Fluorophenol	n/a	=	39	%	EPA 8270C	-88	-88	11	62	
2018/19-1	MO-HUE	srgt environ	12/29/2018	Organic	2-Fluorophenol	n/a	=	21.6	µg/L	EPA 625	-88	-88			
2018/19-1	MO-HUE	srgt environ, rec	12/29/2018	Organic	2-Fluorophenol	n/a	=	43	%	EPA 625	-88	-88	3	74	
2018/19-1	MO-HUE	srgt environ	1/3/2019	Organic	2-Fluorophenol	n/a	=	5.45	µg/L	EPA 8270C	-88	-88			
2018/19-1	MO-HUE	srgt environ, rec	1/3/2019	Organic	2-Fluorophenol	n/a	=	54	%	EPA 8270C	-88	-88	11	62	
2018/19-1	MO-MEI	srgt environ	12/28/2018	Organic	2-Fluorophenol	n/a	=	17.1	µg/L	EPA 625	-88	-88			
2018/19-1	MO-MEI	srgt environ, rec	12/28/2018	Organic	2-Fluorophenol	n/a	=	34	%	EPA 625	-88	-88	3	74	
2018/19-1	MO-MEI	srgt environ	1/2/2019	Organic	2-Fluorophenol	n/a	=	5.16	µg/L	EPA 8270C	-88	-88			
2018/19-1	MO-MEI	srgt environ, rec	1/2/2019	Organic	2-Fluorophenol	n/a	=	52	%	EPA 8270C	-88	-88	11	62	
2018/19-1	MO-MPK	srgt environ	12/29/2018	Organic	2-Fluorophenol	n/a	=	81.6	µg/L	EPA 625	-88	-88			
2018/19-1	MO-MPK	srgt environ, rec	12/29/2018	Organic	2-Fluorophenol	n/a	=	33	%	EPA 625	-88	-88	3	74	
2018/19-1	MO-MPK	srgt environ	1/2/2019	Organic	2-Fluorophenol	n/a	=	31.3	µg/L	EPA 8270C	-88	-88			GN
2018/19-1	MO-MPK	srgt environ, rec	1/2/2019	Organic	2-Fluorophenol	n/a	=	63	%	EPA 8270C	-88	-88	11	62	GN
2018/19-1	MO-OJA	srgt environ	12/28/2018	Organic	2-Fluorophenol	n/a	=	136	µg/L	EPA 625	-88	-88			
2018/19-1	MO-OJA	srgt environ, rec	12/28/2018	Organic	2-Fluorophenol	n/a	=	54	%	EPA 625	-88	-88	3	74	
2018/19-1	MO-OJA	srgt environ	1/2/2019	Organic	2-Fluorophenol	n/a	=	37	µg/L	EPA 8270C	-88	-88			GN
2018/19-1	MO-OJA	srgt environ, rec	1/2/2019	Organic	2-Fluorophenol	n/a	=	74	%	EPA 8270C	-88	-88	11	62	GN
2018/19-1	MO-OXN	srgt environ	12/29/2018	Organic	2-Fluorophenol	n/a	=	19.9	µg/L	EPA 625	-88	-88			
2018/19-1	MO-OXN	srgt environ, rec	12/29/2018	Organic	2-Fluorophenol	n/a	=	40	%	EPA 625	-88	-88	3	74	
2018/19-1	MO-OXN	srgt environ	1/2/2019	Organic	2-Fluorophenol	n/a	=	4.87	µg/L	EPA 8270C	-88	-88			
2018/19-1	MO-OXN	srgt environ, rec	1/2/2019	Organic	2-Fluorophenol	n/a	=	49	%	EPA 8270C	-88	-88	11	62	
2018/19-1	MO-SIM	srgt environ	12/29/2018	Organic	2-Fluorophenol	n/a	=	18.3	µg/L	EPA 625	-88	-88			
2018/19-1	MO-SIM	srgt environ, rec	12/29/2018	Organic	2-Fluorophenol	n/a	=	37	%	EPA 625	-88	-88	3	74	
2018/19-1	MO-SIM	srgt environ	1/2/2019	Organic	2-Fluorophenol	n/a	=	31.2	µg/L	EPA 8270C	-88	-88			
2018/19-1	MO-SIM	srgt environ, rec	1/2/2019	Organic	2-Fluorophenol	n/a	=	62	%	EPA 8270C	-88	-88	11	62	
2018/19-1	MO-SPA	srgt environ	12/29/2018	Organic	2-Fluorophenol	n/a	=	17.7	µg/L	EPA 625	-88	-88			

Appendix F
Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2018/19-1	MO-SPA	srgt environ, rec	12/29/2018	Organic	2-Fluorophenol	n/a	=	35	%	EPA 625	-88	-88	3	74	
2018/19-1	MO-SPA	srgt environ	1/2/2019	Organic	2-Fluorophenol	n/a	=	4.33	µg/L	EPA 8270C	-88	-88			
2018/19-1	MO-SPA	srgt environ, rec	1/2/2019	Organic	2-Fluorophenol	n/a	=	43	%	EPA 8270C	-88	-88	11	62	
2018/19-1	MO-THO	srgt environ	12/29/2018	Organic	2-Fluorophenol	n/a	=	20.9	µg/L	EPA 625	-88	-88			
2018/19-1	MO-THO	srgt environ, rec	12/29/2018	Organic	2-Fluorophenol	n/a	=	42	%	EPA 625	-88	-88	3	74	
2018/19-1	MO-THO	srgt environ	1/2/2019	Organic	2-Fluorophenol	n/a	=	5.67	µg/L	EPA 8270C	-88	-88			
2018/19-1	MO-THO	srgt environ, rec	1/2/2019	Organic	2-Fluorophenol	n/a	=	57	%	EPA 8270C	-88	-88	11	62	
2018/19-1	MO-VEN	srgt environ	12/28/2018	Organic	2-Fluorophenol	n/a	=	22.4	µg/L	EPA 625	-88	-88			
2018/19-1	MO-VEN	srgt environ, rec	12/28/2018	Organic	2-Fluorophenol	n/a	=	45	%	EPA 625	-88	-88	3	74	
2018/19-1	MO-VEN	srgt environ	1/2/2019	Organic	2-Fluorophenol	n/a	=	5.52	µg/L	EPA 8270C	-88	-88			
2018/19-1	MO-VEN	srgt environ, rec	1/2/2019	Organic	2-Fluorophenol	n/a	=	55	%	EPA 8270C	-88	-88	11	62	
2018/19-1	Lab	method blank	1/3/2019	Organic	2-Methylnaphthalene	n/a	<	0.1	µg/L	EPA 8270C	0.1	0.1			
2018/19-1	Lab	method blank	1/5/2019	Organic	2-Methylnaphthalene	n/a	<	0.1	µg/L	EPA 8270C	0.1	0.1			
2018/19-1	Lab	method blank	1/2/2019	Organic	2-Methylphenol	n/a	<	0.34	µg/L	EPA 8270C	0.34	1			
2018/19-1	Lab	method blank	12/28/2018	Organic	2-Nitrophenol	n/a	<	0.26	µg/L	EPA 625	0.26	1			
2018/19-1	Lab	LCS	12/28/2018	Organic	2-Nitrophenol	n/a	=	20.9	µg/L	EPA 625	0.26	1			
2018/19-1	Lab	LCS, rec	12/28/2018	Organic	2-Nitrophenol	n/a	=	84	%	EPA 625	-88	-88	29	182	
2018/19-1	Lab	LCS dup	12/28/2018	Organic	2-Nitrophenol	n/a	=	19.1	µg/L	EPA 625	0.26	1			
2018/19-1	Lab	LCS dup, rec	12/28/2018	Organic	2-Nitrophenol	n/a	=	76	%	EPA 625	-88	-88	29	182	
2018/19-1	Lab	LCS, RPD	12/28/2018	Organic	2-Nitrophenol	n/a	=	9	%	EPA 625	-88	-88	0	30	
2018/19-1	Lab	method blank	1/2/2019	Organic	2-Nitrophenol	n/a	<	0.71	µg/L	EPA 8270C	0.71	1			
2018/19-1	Lab	LCS	1/2/2019	Organic	2-Nitrophenol	n/a	=	7.9	µg/L	EPA 8270C	0.71	1			
2018/19-1	Lab	LCS, rec	1/2/2019	Organic	2-Nitrophenol	n/a	=	79	%	EPA 8270C	-88	-88	33	103	
2018/19-1	Lab	LCS dup	1/2/2019	Organic	2-Nitrophenol	n/a	=	7.6	µg/L	EPA 8270C	0.71	1			
2018/19-1	Lab	LCS dup, rec	1/2/2019	Organic	2-Nitrophenol	n/a	=	76	%	EPA 8270C	-88	-88	33	103	
2018/19-1	Lab	LCS, RPD	1/2/2019	Organic	2-Nitrophenol	n/a	=	4	%	EPA 8270C	-88	-88	0	30	
2018/19-1	Lab	method blank	12/28/2018	Organic	3,3'-Dichlorobenzidine	n/a	<	1.2	µg/L	EPA 625	1.2	5			
2018/19-1	Lab	LCS	12/28/2018	Organic	3,3'-Dichlorobenzidine	n/a	=	17.3	µg/L	EPA 625	1.2	5			
2018/19-1	Lab	LCS, rec	12/28/2018	Organic	3,3'-Dichlorobenzidine	n/a	=	69	%	EPA 625	-88	-88	0.1	262	
2018/19-1	Lab	LCS dup	12/28/2018	Organic	3,3'-Dichlorobenzidine	n/a	=	19.1	µg/L	EPA 625	1.2	5			
2018/19-1	Lab	LCS dup, rec	12/28/2018	Organic	3,3'-Dichlorobenzidine	n/a	=	76	%	EPA 625	-88	-88	0.1	262	
2018/19-1	Lab	LCS, RPD	12/28/2018	Organic	3,3'-Dichlorobenzidine	n/a	=	10	%	EPA 625	-88	-88	0	30	
2018/19-1	Lab	method blank	1/2/2019	Organic	3-/4-Methylphenol	n/a	<	0.3	µg/L	EPA 8270C	0.3	1			
2018/19-1	Lab	method blank	12/28/2018	Organic	4,6-Dinitro-2-methylphenol	n/a	<	1.7	µg/L	EPA 625	1.7	5			
2018/19-1	Lab	LCS	12/28/2018	Organic	4,6-Dinitro-2-methylphenol	n/a	=	31.2	µg/L	EPA 625	1.7	5			
2018/19-1	Lab	LCS, rec	12/28/2018	Organic	4,6-Dinitro-2-methylphenol	n/a	=	125	%	EPA 625	-88	-88	0.1	181	
2018/19-1	Lab	LCS dup	12/28/2018	Organic	4,6-Dinitro-2-methylphenol	n/a	=	25.8	µg/L	EPA 625	1.7	5			
2018/19-1	Lab	LCS dup, rec	12/28/2018	Organic	4,6-Dinitro-2-methylphenol	n/a	=	103	%	EPA 625	-88	-88	0.1	181	
2018/19-1	Lab	LCS, RPD	12/28/2018	Organic	4,6-Dinitro-2-methylphenol	n/a	=	19	%	EPA 625	-88	-88	0	30	
2018/19-1	Lab	method blank	1/2/2019	Organic	4,6-Dinitro-2-methylphenol	n/a	<	0.14	µg/L	EPA 8270C	0.14	1			
2018/19-1	Lab	LCS	1/2/2019	Organic	4,6-Dinitro-2-methylphenol	n/a	=	16.6	µg/L	EPA 8270C	0.14	1			EUM
2018/19-1	Lab	LCS, rec	1/2/2019	Organic	4,6-Dinitro-2-methylphenol	n/a	=	166	%	EPA 8270C	-88	-88	33	118	EUM
2018/19-1	Lab	LCS dup	1/2/2019	Organic	4,6-Dinitro-2-methylphenol	n/a	=	16.9	µg/L	EPA 8270C	0.14	1			EUM
2018/19-1	Lab	LCS dup, rec	1/2/2019	Organic	4,6-Dinitro-2-methylphenol	n/a	=	169	%	EPA 8270C	-88	-88	33	118	EUM
2018/19-1	Lab	LCS, RPD	1/2/2019	Organic	4,6-Dinitro-2-methylphenol	n/a	=	2	%	EPA 8270C	-88	-88	0	30	
2018/19-1	Lab	srgt LCS	11/26/2018	Organic	4-Bromofluorobenzene	n/a	=	56.5	µg/L	EPA 624	-88	-88			GN
2018/19-1	Lab	srgt LCS, rec	11/26/2018	Organic	4-Bromofluorobenzene	n/a	=	113	%	EPA 624	-88	-88	88	108	GN

Appendix F
Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2018/19-1	Lab	srgt LCS dup	11/26/2018	Organic	4-Bromofluorobenzene	n/a	=	55.3	µg/L	EPA 624	-88	-88			GN
2018/19-1	Lab	srgt LCS dup, rec	11/26/2018	Organic	4-Bromofluorobenzene	n/a	=	111	%	EPA 624	-88	-88	88	108	GN
2018/19-1	Lab	srgt method blank	11/26/2018	Organic	4-Bromofluorobenzene	n/a	=	48	µg/L	EPA 624	-88	-88			
2018/19-1	Lab	srgt method blank, rec	11/26/2018	Organic	4-Bromofluorobenzene	n/a	=	96	%	EPA 624	-88	-88	88	108	
2018/19-1	Lab	srgt LCS	11/30/2018	Organic	4-Bromofluorobenzene	n/a	=	49.6	µg/L	LUFT GC/MS	-88	-88			
2018/19-1	Lab	srgt LCS, rec	11/30/2018	Organic	4-Bromofluorobenzene	n/a	=	99	%	LUFT GC/MS	-88	-88	83	110	
2018/19-1	Lab	srgt LCS dup	11/30/2018	Organic	4-Bromofluorobenzene	n/a	=	50.3	µg/L	LUFT GC/MS	-88	-88			
2018/19-1	Lab	srgt LCS dup, rec	11/30/2018	Organic	4-Bromofluorobenzene	n/a	=	101	%	LUFT GC/MS	-88	-88	83	110	
2018/19-1	Lab	srgt method blank	11/30/2018	Organic	4-Bromofluorobenzene	n/a	=	49.8	µg/L	LUFT GC/MS	-88	-88			
2018/19-1	Lab	srgt method blank, rec	11/30/2018	Organic	4-Bromofluorobenzene	n/a	=	100	%	LUFT GC/MS	-88	-88	83	110	
2018/19-1	ME-CC	srgt environ	11/26/2018	Organic	4-Bromofluorobenzene	n/a	=	43.8	µg/L	EPA 624	-88	-88			
2018/19-1	ME-CC	srgt environ, rec	11/26/2018	Organic	4-Bromofluorobenzene	n/a	=	88	%	EPA 624	-88	-88	88	108	
2018/19-1	ME-CC	srgt environ	11/30/2018	Organic	4-Bromofluorobenzene	n/a	=	49.7	µg/L	LUFT GC/MS	-88	-88			
2018/19-1	ME-CC	srgt environ, rec	11/30/2018	Organic	4-Bromofluorobenzene	n/a	=	99	%	LUFT GC/MS	-88	-88	83	110	
2018/19-1	ME-VR2	srgt environ	11/26/2018	Organic	4-Bromofluorobenzene	n/a	=	46	µg/L	EPA 624	-88	-88			
2018/19-1	ME-VR2	srgt environ, rec	11/26/2018	Organic	4-Bromofluorobenzene	n/a	=	92	%	EPA 624	-88	-88	88	108	
2018/19-1	ME-VR2	srgt environ	11/30/2018	Organic	4-Bromofluorobenzene	n/a	=	49.6	µg/L	LUFT GC/MS	-88	-88			
2018/19-1	ME-VR2	srgt environ, rec	11/30/2018	Organic	4-Bromofluorobenzene	n/a	=	99	%	LUFT GC/MS	-88	-88	83	110	
2018/19-1	MO-CAM	srgt environ	11/26/2018	Organic	4-Bromofluorobenzene	n/a	=	43.5	µg/L	EPA 624	-88	-88			GN
2018/19-1	MO-CAM	srgt environ, rec	11/26/2018	Organic	4-Bromofluorobenzene	n/a	=	87	%	EPA 624	-88	-88	88	108	GN
2018/19-1	MO-CAM	srgt environ	11/26/2018	Organic	4-Bromofluorobenzene	n/a	=	43.2	µg/L	EPA 624	-88	-88			GN
2018/19-1	MO-CAM	srgt environ, rec	11/26/2018	Organic	4-Bromofluorobenzene	n/a	=	86	%	EPA 624	-88	-88	88	108	GN
2018/19-1	MO-CAM	srgt environ	11/30/2018	Organic	4-Bromofluorobenzene	n/a	=	50	µg/L	LUFT GC/MS	-88	-88			
2018/19-1	MO-CAM	srgt environ, rec	11/30/2018	Organic	4-Bromofluorobenzene	n/a	=	100	%	LUFT GC/MS	-88	-88	83	110	
2018/19-1	MO-CAM	srgt environ	11/30/2018	Organic	4-Bromofluorobenzene	n/a	=	49.7	µg/L	LUFT GC/MS	-88	-88			
2018/19-1	MO-CAM	srgt environ, rec	11/30/2018	Organic	4-Bromofluorobenzene	n/a	=	99	%	LUFT GC/MS	-88	-88	83	110	
2018/19-1	MO-FIL	srgt environ	11/26/2018	Organic	4-Bromofluorobenzene	n/a	=	48.3	µg/L	EPA 624	-88	-88			
2018/19-1	MO-FIL	srgt environ, rec	11/26/2018	Organic	4-Bromofluorobenzene	n/a	=	97	%	EPA 624	-88	-88	88	108	
2018/19-1	MO-FIL	srgt environ	11/30/2018	Organic	4-Bromofluorobenzene	n/a	=	49.6	µg/L	LUFT GC/MS	-88	-88			
2018/19-1	MO-FIL	srgt environ, rec	11/30/2018	Organic	4-Bromofluorobenzene	n/a	=	99	%	LUFT GC/MS	-88	-88	83	110	
2018/19-1	MO-HUE	srgt environ	11/26/2018	Organic	4-Bromofluorobenzene	n/a	=	42.1	µg/L	EPA 624	-88	-88			GN
2018/19-1	MO-HUE	srgt environ, rec	11/26/2018	Organic	4-Bromofluorobenzene	n/a	=	84	%	EPA 624	-88	-88	88	108	GN
2018/19-1	MO-HUE	srgt environ	11/30/2018	Organic	4-Bromofluorobenzene	n/a	=	49.8	µg/L	LUFT GC/MS	-88	-88			
2018/19-1	MO-HUE	srgt environ, rec	11/30/2018	Organic	4-Bromofluorobenzene	n/a	=	100	%	LUFT GC/MS	-88	-88	83	110	
2018/19-1	MO-MEI	srgt environ	11/26/2018	Organic	4-Bromofluorobenzene	n/a	=	43	µg/L	EPA 624	-88	-88			GN
2018/19-1	MO-MEI	srgt environ, rec	11/26/2018	Organic	4-Bromofluorobenzene	n/a	=	86	%	EPA 624	-88	-88	88	108	GN
2018/19-1	MO-MEI	srgt environ	11/30/2018	Organic	4-Bromofluorobenzene	n/a	=	49.6	µg/L	LUFT GC/MS	-88	-88			
2018/19-1	MO-MEI	srgt environ, rec	11/30/2018	Organic	4-Bromofluorobenzene	n/a	=	99	%	LUFT GC/MS	-88	-88	83	110	
2018/19-1	MO-MPK	srgt environ	11/26/2018	Organic	4-Bromofluorobenzene	n/a	=	44	µg/L	EPA 624	-88	-88			
2018/19-1	MO-MPK	srgt environ, rec	11/26/2018	Organic	4-Bromofluorobenzene	n/a	=	88	%	EPA 624	-88	-88	88	108	
2018/19-1	MO-MPK	srgt environ	11/30/2018	Organic	4-Bromofluorobenzene	n/a	=	49.8	µg/L	LUFT GC/MS	-88	-88			
2018/19-1	MO-MPK	srgt environ, rec	11/30/2018	Organic	4-Bromofluorobenzene	n/a	=	100	%	LUFT GC/MS	-88	-88	83	110	
2018/19-1	MO-OJA	srgt environ	11/26/2018	Organic	4-Bromofluorobenzene	n/a	=	44.8	µg/L	EPA 624	-88	-88			
2018/19-1	MO-OJA	srgt environ, rec	11/26/2018	Organic	4-Bromofluorobenzene	n/a	=	90	%	EPA 624	-88	-88	88	108	
2018/19-1	MO-OJA	srgt environ	11/30/2018	Organic	4-Bromofluorobenzene	n/a	=	49.9	µg/L	LUFT GC/MS	-88	-88			
2018/19-1	MO-OJA	srgt environ, rec	11/30/2018	Organic	4-Bromofluorobenzene	n/a	=	100	%	LUFT GC/MS	-88	-88	83	110	
2018/19-1	MO-OXN	srgt environ	11/26/2018	Organic	4-Bromofluorobenzene	n/a	=	46.1	µg/L	EPA 624	-88	-88			

Appendix F
Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2018/19-1	MO-OXN	srgt environ, rec	11/26/2018	Organic	4-Bromofluorobenzene	n/a	=	92	%	EPA 624	-88	-88	88	108	
2018/19-1	MO-OXN	srgt environ	11/30/2018	Organic	4-Bromofluorobenzene	n/a	=	49.7	µg/L	LUFT GC/MS	-88	-88			
2018/19-1	MO-OXN	srgt environ, rec	11/30/2018	Organic	4-Bromofluorobenzene	n/a	=	99	%	LUFT GC/MS	-88	-88	83	110	
2018/19-1	MO-SIM	srgt environ	11/26/2018	Organic	4-Bromofluorobenzene	n/a	=	45.7	µg/L	EPA 624	-88	-88			
2018/19-1	MO-SIM	srgt environ, rec	11/26/2018	Organic	4-Bromofluorobenzene	n/a	=	91	%	EPA 624	-88	-88	88	108	
2018/19-1	MO-SIM	srgt environ	11/30/2018	Organic	4-Bromofluorobenzene	n/a	=	49.3	µg/L	LUFT GC/MS	-88	-88			
2018/19-1	MO-SIM	srgt environ, rec	11/30/2018	Organic	4-Bromofluorobenzene	n/a	=	99	%	LUFT GC/MS	-88	-88	83	110	
2018/19-1	MO-VEN	srgt environ	11/26/2018	Organic	4-Bromofluorobenzene	n/a	=	44.8	µg/L	EPA 624	-88	-88			
2018/19-1	MO-VEN	srgt environ, rec	11/26/2018	Organic	4-Bromofluorobenzene	n/a	=	90	%	EPA 624	-88	-88	88	108	
2018/19-1	MO-VEN	srgt environ	11/30/2018	Organic	4-Bromofluorobenzene	n/a	=	49.7	µg/L	LUFT GC/MS	-88	-88			
2018/19-1	MO-VEN	srgt environ, rec	11/30/2018	Organic	4-Bromofluorobenzene	n/a	=	99	%	LUFT GC/MS	-88	-88	83	110	
2018/19-1	Lab	method blank	12/28/2018	Organic	4-Bromophenyl phenyl ether	n/a	<	0.36	µg/L	EPA 625	0.36	1			
2018/19-1	Lab	LCS	12/28/2018	Organic	4-Bromophenyl phenyl ether	n/a	=	25.7	µg/L	EPA 625	0.36	1			
2018/19-1	Lab	LCS, rec	12/28/2018	Organic	4-Bromophenyl phenyl ether	n/a	=	103	%	EPA 625	-88	-88	53	127	
2018/19-1	Lab	LCS dup	12/28/2018	Organic	4-Bromophenyl phenyl ether	n/a	=	21.3	µg/L	EPA 625	0.36	1			
2018/19-1	Lab	LCS dup, rec	12/28/2018	Organic	4-Bromophenyl phenyl ether	n/a	=	85	%	EPA 625	-88	-88	53	127	
2018/19-1	Lab	LCS, RPD	12/28/2018	Organic	4-Bromophenyl phenyl ether	n/a	=	19	%	EPA 625	-88	-88	0	30	
2018/19-1	Lab	method blank	12/28/2018	Organic	4-Chloro-3-methylphenol	n/a	<	0.23	µg/L	EPA 625	0.23	1			
2018/19-1	Lab	LCS	12/28/2018	Organic	4-Chloro-3-methylphenol	n/a	=	19.6	µg/L	EPA 625	0.23	1			
2018/19-1	Lab	LCS, rec	12/28/2018	Organic	4-Chloro-3-methylphenol	n/a	=	79	%	EPA 625	-88	-88	22	147	
2018/19-1	Lab	LCS dup	12/28/2018	Organic	4-Chloro-3-methylphenol	n/a	=	17.8	µg/L	EPA 625	0.23	1			
2018/19-1	Lab	LCS dup, rec	12/28/2018	Organic	4-Chloro-3-methylphenol	n/a	=	71	%	EPA 625	-88	-88	22	147	
2018/19-1	Lab	LCS, RPD	12/28/2018	Organic	4-Chloro-3-methylphenol	n/a	=	10	%	EPA 625	-88	-88	0	30	
2018/19-1	Lab	method blank	1/2/2019	Organic	4-Chloro-3-methylphenol	n/a	<	0.37	µg/L	EPA 8270C	0.37	1			
2018/19-1	Lab	LCS	1/2/2019	Organic	4-Chloro-3-methylphenol	n/a	=	7.86	µg/L	EPA 8270C	0.37	1			
2018/19-1	Lab	LCS, rec	1/2/2019	Organic	4-Chloro-3-methylphenol	n/a	=	79	%	EPA 8270C	-88	-88	29	108	
2018/19-1	Lab	LCS dup	1/2/2019	Organic	4-Chloro-3-methylphenol	n/a	=	7.85	µg/L	EPA 8270C	0.37	1			
2018/19-1	Lab	LCS dup, rec	1/2/2019	Organic	4-Chloro-3-methylphenol	n/a	=	78	%	EPA 8270C	-88	-88	29	108	
2018/19-1	Lab	LCS, RPD	1/2/2019	Organic	4-Chloro-3-methylphenol	n/a	=	0.1	%	EPA 8270C	-88	-88	0	30	
2018/19-1	Lab	method blank	12/28/2018	Organic	4-Chlorophenyl phenyl ether	n/a	<	0.41	µg/L	EPA 625	0.41	1			
2018/19-1	Lab	LCS	12/28/2018	Organic	4-Chlorophenyl phenyl ether	n/a	=	23.5	µg/L	EPA 625	0.41	1			
2018/19-1	Lab	LCS, rec	12/28/2018	Organic	4-Chlorophenyl phenyl ether	n/a	=	94	%	EPA 625	-88	-88	25	158	
2018/19-1	Lab	LCS dup	12/28/2018	Organic	4-Chlorophenyl phenyl ether	n/a	=	19.3	µg/L	EPA 625	0.41	1			
2018/19-1	Lab	LCS dup, rec	12/28/2018	Organic	4-Chlorophenyl phenyl ether	n/a	=	77	%	EPA 625	-88	-88	25	158	
2018/19-1	Lab	LCS, RPD	12/28/2018	Organic	4-Chlorophenyl phenyl ether	n/a	=	20	%	EPA 625	-88	-88	0	30	
2018/19-1	Lab	method blank	12/28/2018	Organic	4-Nitrophenol	n/a	<	0.45	µg/L	EPA 625	0.45	5			
2018/19-1	Lab	LCS	12/28/2018	Organic	4-Nitrophenol	n/a	=	10.8	µg/L	EPA 625	0.45	5			
2018/19-1	Lab	LCS, rec	12/28/2018	Organic	4-Nitrophenol	n/a	=	43	%	EPA 625	-88	-88	0.1	132	
2018/19-1	Lab	LCS dup	12/28/2018	Organic	4-Nitrophenol	n/a	=	10.3	µg/L	EPA 625	0.45	5			
2018/19-1	Lab	LCS dup, rec	12/28/2018	Organic	4-Nitrophenol	n/a	=	41	%	EPA 625	-88	-88	0.1	132	
2018/19-1	Lab	LCS, RPD	12/28/2018	Organic	4-Nitrophenol	n/a	=	5	%	EPA 625	-88	-88	0	30	
2018/19-1	Lab	method blank	1/2/2019	Organic	4-Nitrophenol	n/a	<	1	µg/L	EPA 8270C	1	2			
2018/19-1	Lab	LCS	1/2/2019	Organic	4-Nitrophenol	n/a	=	3.99	µg/L	EPA 8270C	1	2			
2018/19-1	Lab	LCS, rec	1/2/2019	Organic	4-Nitrophenol	n/a	=	40	%	EPA 8270C	-88	-88	6	46	
2018/19-1	Lab	LCS dup	1/2/2019	Organic	4-Nitrophenol	n/a	=	4.49	µg/L	EPA 8270C	1	2			
2018/19-1	Lab	LCS dup, rec	1/2/2019	Organic	4-Nitrophenol	n/a	=	45	%	EPA 8270C	-88	-88	6	46	
2018/19-1	Lab	LCS, RPD	1/2/2019	Organic	4-Nitrophenol	n/a	=	12	%	EPA 8270C	-88	-88	0	30	

Appendix F
Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2018/19-1	Lab	method blank	12/28/2018	Organic	Acenaphthene	n/a	<	0.38	µg/L	EPA 625	0.38	1			
2018/19-1	Lab	LCS	12/28/2018	Organic	Acenaphthene	n/a	=	21.2	µg/L	EPA 625	0.38	1			
2018/19-1	Lab	LCS, rec	12/28/2018	Organic	Acenaphthene	n/a	=	85	%	EPA 625	-88	-88	47	145	
2018/19-1	Lab	LCS dup	12/28/2018	Organic	Acenaphthene	n/a	=	19.3	µg/L	EPA 625	0.38	1			
2018/19-1	Lab	LCS dup, rec	12/28/2018	Organic	Acenaphthene	n/a	=	77	%	EPA 625	-88	-88	47	145	
2018/19-1	Lab	LCS, RPD	12/28/2018	Organic	Acenaphthene	n/a	=	9	%	EPA 625	-88	-88	0	30	
2018/19-1	Lab	method blank	1/3/2019	Organic	Acenaphthene	n/a	<	0.1	µg/L	EPA 8270C	0.1	0.1			
2018/19-1	Lab	LCS	1/4/2019	Organic	Acenaphthene	n/a	=	8.16	µg/L	EPA 8270C	0.1	0.1			
2018/19-1	Lab	LCS, rec	1/4/2019	Organic	Acenaphthene	n/a	=	82	%	EPA 8270C	-88	-88	11	122	
2018/19-1	Lab	LCS dup	1/4/2019	Organic	Acenaphthene	n/a	=	7.95	µg/L	EPA 8270C	0.1	0.1			
2018/19-1	Lab	LCS dup, rec	1/4/2019	Organic	Acenaphthene	n/a	=	79	%	EPA 8270C	-88	-88	11	122	
2018/19-1	Lab	LCS, RPD	1/4/2019	Organic	Acenaphthene	n/a	=	3	%	EPA 8270C	-88	-88	0	30	
2018/19-1	Lab	method blank	1/5/2019	Organic	Acenaphthene	n/a	<	0.1	µg/L	EPA 8270C	0.1	0.1			
2018/19-1	Lab	LCS	1/5/2019	Organic	Acenaphthene	n/a	=	8.04	µg/L	EPA 8270C	0.1	0.1			
2018/19-1	Lab	LCS, rec	1/5/2019	Organic	Acenaphthene	n/a	=	80	%	EPA 8270C	-88	-88	11	122	
2018/19-1	Lab	LCS dup	1/5/2019	Organic	Acenaphthene	n/a	=	7.79	µg/L	EPA 8270C	0.1	0.1			
2018/19-1	Lab	LCS dup, rec	1/5/2019	Organic	Acenaphthene	n/a	=	78	%	EPA 8270C	-88	-88	11	122	
2018/19-1	Lab	LCS, RPD	1/5/2019	Organic	Acenaphthene	n/a	=	3	%	EPA 8270C	-88	-88	0	30	
2018/19-1	Lab	method blank	12/28/2018	Organic	Acenaphthylene	n/a	<	0.4	µg/L	EPA 625	0.4	1			
2018/19-1	Lab	LCS	12/28/2018	Organic	Acenaphthylene	n/a	=	19.8	µg/L	EPA 625	0.4	1			
2018/19-1	Lab	LCS, rec	12/28/2018	Organic	Acenaphthylene	n/a	=	79	%	EPA 625	-88	-88	33	145	
2018/19-1	Lab	LCS dup	12/28/2018	Organic	Acenaphthylene	n/a	=	18.1	µg/L	EPA 625	0.4	1			
2018/19-1	Lab	LCS dup, rec	12/28/2018	Organic	Acenaphthylene	n/a	=	72	%	EPA 625	-88	-88	33	145	
2018/19-1	Lab	LCS, RPD	12/28/2018	Organic	Acenaphthylene	n/a	=	9	%	EPA 625	-88	-88	0	30	
2018/19-1	Lab	method blank	1/3/2019	Organic	Acenaphthylene	n/a	<	0.1	µg/L	EPA 8270C	0.1	0.1			
2018/19-1	Lab	LCS	1/4/2019	Organic	Acenaphthylene	n/a	=	8.34	µg/L	EPA 8270C	0.1	0.1			
2018/19-1	Lab	LCS, rec	1/4/2019	Organic	Acenaphthylene	n/a	=	83	%	EPA 8270C	-88	-88	4	135	
2018/19-1	Lab	LCS dup	1/4/2019	Organic	Acenaphthylene	n/a	=	8.2	µg/L	EPA 8270C	0.1	0.1			
2018/19-1	Lab	LCS dup, rec	1/4/2019	Organic	Acenaphthylene	n/a	=	82	%	EPA 8270C	-88	-88	4	135	
2018/19-1	Lab	LCS, RPD	1/4/2019	Organic	Acenaphthylene	n/a	=	2	%	EPA 8270C	-88	-88	0	30	
2018/19-1	Lab	method blank	1/5/2019	Organic	Acenaphthylene	n/a	<	0.1	µg/L	EPA 8270C	0.1	0.1			
2018/19-1	Lab	LCS	1/5/2019	Organic	Acenaphthylene	n/a	=	8.04	µg/L	EPA 8270C	0.1	0.1			
2018/19-1	Lab	LCS, rec	1/5/2019	Organic	Acenaphthylene	n/a	=	80	%	EPA 8270C	-88	-88	4	135	
2018/19-1	Lab	LCS dup	1/5/2019	Organic	Acenaphthylene	n/a	=	7.87	µg/L	EPA 8270C	0.1	0.1			
2018/19-1	Lab	LCS dup, rec	1/5/2019	Organic	Acenaphthylene	n/a	=	79	%	EPA 8270C	-88	-88	4	135	
2018/19-1	Lab	LCS, RPD	1/5/2019	Organic	Acenaphthylene	n/a	=	2	%	EPA 8270C	-88	-88	0	30	
2018/19-1	Lab	method blank	12/28/2018	Organic	Anthracene	n/a	<	0.34	µg/L	EPA 625	0.34	1			
2018/19-1	Lab	LCS	12/28/2018	Organic	Anthracene	n/a	=	23.7	µg/L	EPA 625	0.34	1			
2018/19-1	Lab	LCS, rec	12/28/2018	Organic	Anthracene	n/a	=	95	%	EPA 625	-88	-88	27	133	
2018/19-1	Lab	LCS dup	12/28/2018	Organic	Anthracene	n/a	=	23	µg/L	EPA 625	0.34	1			
2018/19-1	Lab	LCS dup, rec	12/28/2018	Organic	Anthracene	n/a	=	92	%	EPA 625	-88	-88	27	133	
2018/19-1	Lab	LCS, RPD	12/28/2018	Organic	Anthracene	n/a	=	3	%	EPA 625	-88	-88	0	30	
2018/19-1	Lab	method blank	1/3/2019	Organic	Anthracene	n/a	<	0.1	µg/L	EPA 8270C	0.1	0.1			
2018/19-1	Lab	LCS	1/4/2019	Organic	Anthracene	n/a	=	8.63	µg/L	EPA 8270C	0.1	0.1			
2018/19-1	Lab	LCS, rec	1/4/2019	Organic	Anthracene	n/a	=	86	%	EPA 8270C	-88	-88	22	127	
2018/19-1	Lab	LCS dup	1/4/2019	Organic	Anthracene	n/a	=	9.29	µg/L	EPA 8270C	0.1	0.1			
2018/19-1	Lab	LCS dup, rec	1/4/2019	Organic	Anthracene	n/a	=	93	%	EPA 8270C	-88	-88	22	127	

Appendix F
Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2018/19-1	Lab	LCS, RPD	1/4/2019	Organic	Anthracene	n/a	=	7	%	EPA 8270C	-88	-88	0	30	
2018/19-1	Lab	method blank	1/5/2019	Organic	Anthracene	n/a	<	0.1	µg/L	EPA 8270C	0.1	0.1			
2018/19-1	Lab	LCS	1/5/2019	Organic	Anthracene	n/a	=	8.76	µg/L	EPA 8270C	0.1	0.1			
2018/19-1	Lab	LCS, rec	1/5/2019	Organic	Anthracene	n/a	=	88	%	EPA 8270C	-88	-88	22	127	
2018/19-1	Lab	LCS dup	1/5/2019	Organic	Anthracene	n/a	=	9.3	µg/L	EPA 8270C	0.1	0.1			
2018/19-1	Lab	LCS dup, rec	1/5/2019	Organic	Anthracene	n/a	=	93	%	EPA 8270C	-88	-88	22	127	
2018/19-1	Lab	LCS, RPD	1/5/2019	Organic	Anthracene	n/a	=	6	%	EPA 8270C	-88	-88	0	30	
2018/19-1	Lab	method blank	12/28/2018	Organic	Benz(a)anthracene	n/a	<	0.19	µg/L	EPA 625	0.19	1			
2018/19-1	Lab	LCS	12/28/2018	Organic	Benz(a)anthracene	n/a	=	18.2	µg/L	EPA 625	0.19	1			
2018/19-1	Lab	LCS, rec	12/28/2018	Organic	Benz(a)anthracene	n/a	=	73	%	EPA 625	-88	-88	33	143	
2018/19-1	Lab	LCS dup	12/28/2018	Organic	Benz(a)anthracene	n/a	=	18.9	µg/L	EPA 625	0.19	1			
2018/19-1	Lab	LCS dup, rec	12/28/2018	Organic	Benz(a)anthracene	n/a	=	76	%	EPA 625	-88	-88	33	143	
2018/19-1	Lab	LCS, RPD	12/28/2018	Organic	Benz(a)anthracene	n/a	=	4	%	EPA 625	-88	-88	0	30	
2018/19-1	Lab	method blank	1/3/2019	Organic	Benz(a)anthracene	n/a	<	0.1	µg/L	EPA 8270C	0.1	0.1			
2018/19-1	Lab	LCS	1/4/2019	Organic	Benz(a)anthracene	n/a	=	11.9	µg/L	EPA 8270C	0.1	0.1			
2018/19-1	Lab	LCS, rec	1/4/2019	Organic	Benz(a)anthracene	n/a	=	119	%	EPA 8270C	-88	-88	17	131	
2018/19-1	Lab	LCS dup	1/4/2019	Organic	Benz(a)anthracene	n/a	=	12.9	µg/L	EPA 8270C	0.1	0.1			
2018/19-1	Lab	LCS dup, rec	1/4/2019	Organic	Benz(a)anthracene	n/a	=	129	%	EPA 8270C	-88	-88	17	131	
2018/19-1	Lab	LCS, RPD	1/4/2019	Organic	Benz(a)anthracene	n/a	=	8	%	EPA 8270C	-88	-88	0	30	
2018/19-1	Lab	method blank	1/5/2019	Organic	Benz(a)anthracene	n/a	<	0.1	µg/L	EPA 8270C	0.1	0.1			
2018/19-1	Lab	LCS	1/5/2019	Organic	Benz(a)anthracene	n/a	=	9.08	µg/L	EPA 8270C	0.1	0.1			
2018/19-1	Lab	LCS, rec	1/5/2019	Organic	Benz(a)anthracene	n/a	=	91	%	EPA 8270C	-88	-88	17	131	
2018/19-1	Lab	LCS dup	1/5/2019	Organic	Benz(a)anthracene	n/a	=	9.48	µg/L	EPA 8270C	0.1	0.1			
2018/19-1	Lab	LCS dup, rec	1/5/2019	Organic	Benz(a)anthracene	n/a	=	95	%	EPA 8270C	-88	-88	17	131	
2018/19-1	Lab	LCS, RPD	1/5/2019	Organic	Benz(a)anthracene	n/a	=	4	%	EPA 8270C	-88	-88	0	30	
2018/19-1	Lab	method blank	12/28/2018	Organic	Benzidine	n/a	<	3.7	µg/L	EPA 625	3.7	10			
2018/19-1	Lab	method blank	12/14/2018	Organic	Benzo(a)pyrene	n/a	<	0.07	µg/L	EPA 525.2	0.07	0.1			
2018/19-1	Lab	LCS	12/14/2018	Organic	Benzo(a)pyrene	n/a	=	4.21	µg/L	EPA 525.2	0.07	0.1			
2018/19-1	Lab	LCS, rec	12/14/2018	Organic	Benzo(a)pyrene	n/a	=	84	%	EPA 525.2	-88	-88	60	130	
2018/19-1	Lab	LCS dup	12/14/2018	Organic	Benzo(a)pyrene	n/a	=	4.41	µg/L	EPA 525.2	0.07	0.1			
2018/19-1	Lab	LCS dup, rec	12/14/2018	Organic	Benzo(a)pyrene	n/a	=	88	%	EPA 525.2	-88	-88	60	130	
2018/19-1	Lab	LCS, RPD	12/14/2018	Organic	Benzo(a)pyrene	n/a	=	5	%	EPA 525.2	-88	-88	0	30	
2018/19-1	Lab	method blank	12/28/2018	Organic	Benzo(a)pyrene	n/a	<	0.13	µg/L	EPA 625	0.13	1			
2018/19-1	Lab	LCS	12/28/2018	Organic	Benzo(a)pyrene	n/a	=	24	µg/L	EPA 625	0.13	1			
2018/19-1	Lab	LCS, rec	12/28/2018	Organic	Benzo(a)pyrene	n/a	=	96	%	EPA 625	-88	-88	17	163	
2018/19-1	Lab	LCS dup	12/28/2018	Organic	Benzo(a)pyrene	n/a	=	22.5	µg/L	EPA 625	0.13	1			
2018/19-1	Lab	LCS dup, rec	12/28/2018	Organic	Benzo(a)pyrene	n/a	=	90	%	EPA 625	-88	-88	17	163	
2018/19-1	Lab	LCS, RPD	12/28/2018	Organic	Benzo(a)pyrene	n/a	=	6	%	EPA 625	-88	-88	0	30	
2018/19-1	Lab	method blank	1/3/2019	Organic	Benzo(a)pyrene	n/a	<	0.1	µg/L	EPA 8270C	0.1	0.1			
2018/19-1	Lab	LCS	1/4/2019	Organic	Benzo(a)pyrene	n/a	=	13.8	µg/L	EPA 8270C	0.1	0.1			EUM
2018/19-1	Lab	LCS, rec	1/4/2019	Organic	Benzo(a)pyrene	n/a	=	138	%	EPA 8270C	-88	-88	12	131	EUM
2018/19-1	Lab	LCS dup	1/4/2019	Organic	Benzo(a)pyrene	n/a	=	14.6	µg/L	EPA 8270C	0.1	0.1			EUM
2018/19-1	Lab	LCS dup, rec	1/4/2019	Organic	Benzo(a)pyrene	n/a	=	146	%	EPA 8270C	-88	-88	12	131	EUM
2018/19-1	Lab	LCS, RPD	1/4/2019	Organic	Benzo(a)pyrene	n/a	=	5	%	EPA 8270C	-88	-88	0	30	
2018/19-1	Lab	method blank	1/5/2019	Organic	Benzo(a)pyrene	n/a	<	0.1	µg/L	EPA 8270C	0.1	0.1			
2018/19-1	Lab	LCS	1/5/2019	Organic	Benzo(a)pyrene	n/a	=	8.94	µg/L	EPA 8270C	0.1	0.1			
2018/19-1	Lab	LCS, rec	1/5/2019	Organic	Benzo(a)pyrene	n/a	=	89	%	EPA 8270C	-88	-88	12	131	

Appendix F
Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2018/19-1	Lab	LCS dup	1/5/2019	Organic	Benzo(a)pyrene	n/a	=	9.42	µg/L	EPA 8270C	0.1	0.1			
2018/19-1	Lab	LCS dup, rec	1/5/2019	Organic	Benzo(a)pyrene	n/a	=	94	%	EPA 8270C	-88	-88	12	131	
2018/19-1	Lab	LCS, RPD	1/5/2019	Organic	Benzo(a)pyrene	n/a	=	5	%	EPA 8270C	-88	-88	0	30	
2018/19-1	Lab	method blank	12/28/2018	Organic	Benzo(b)fluoranthene	n/a	<	0.14	µg/L	EPA 625	0.14	1			
2018/19-1	Lab	LCS	12/28/2018	Organic	Benzo(b)fluoranthene	n/a	=	23.8	µg/L	EPA 625	0.14	1			
2018/19-1	Lab	LCS, rec	12/28/2018	Organic	Benzo(b)fluoranthene	n/a	=	95	%	EPA 625	-88	-88	24	159	
2018/19-1	Lab	LCS dup	12/28/2018	Organic	Benzo(b)fluoranthene	n/a	=	22.6	µg/L	EPA 625	0.14	1			
2018/19-1	Lab	LCS dup, rec	12/28/2018	Organic	Benzo(b)fluoranthene	n/a	=	90	%	EPA 625	-88	-88	24	159	
2018/19-1	Lab	LCS, RPD	12/28/2018	Organic	Benzo(b)fluoranthene	n/a	=	5	%	EPA 625	-88	-88	0	30	
2018/19-1	Lab	method blank	1/3/2019	Organic	Benzo(b)fluoranthene	n/a	<	0.1	µg/L	EPA 8270C	0.1	0.1			
2018/19-1	Lab	LCS	1/4/2019	Organic	Benzo(b)fluoranthene	n/a	=	12.6	µg/L	EPA 8270C	0.1	0.1			
2018/19-1	Lab	LCS, rec	1/4/2019	Organic	Benzo(b)fluoranthene	n/a	=	126	%	EPA 8270C	-88	-88	19	129	
2018/19-1	Lab	LCS dup	1/4/2019	Organic	Benzo(b)fluoranthene	n/a	=	13.5	µg/L	EPA 8270C	0.1	0.1			EUM
2018/19-1	Lab	LCS dup, rec	1/4/2019	Organic	Benzo(b)fluoranthene	n/a	=	135	%	EPA 8270C	-88	-88	19	129	EUM
2018/19-1	Lab	LCS, RPD	1/4/2019	Organic	Benzo(b)fluoranthene	n/a	=	7	%	EPA 8270C	-88	-88	0	30	
2018/19-1	Lab	method blank	1/5/2019	Organic	Benzo(b)fluoranthene	n/a	<	0.1	µg/L	EPA 8270C	0.1	0.1			
2018/19-1	Lab	LCS	1/5/2019	Organic	Benzo(b)fluoranthene	n/a	=	9.41	µg/L	EPA 8270C	0.1	0.1			
2018/19-1	Lab	LCS, rec	1/5/2019	Organic	Benzo(b)fluoranthene	n/a	=	94	%	EPA 8270C	-88	-88	19	129	
2018/19-1	Lab	LCS dup	1/5/2019	Organic	Benzo(b)fluoranthene	n/a	=	9.82	µg/L	EPA 8270C	0.1	0.1			
2018/19-1	Lab	LCS dup, rec	1/5/2019	Organic	Benzo(b)fluoranthene	n/a	=	98	%	EPA 8270C	-88	-88	19	129	
2018/19-1	Lab	LCS, RPD	1/5/2019	Organic	Benzo(b)fluoranthene	n/a	=	4	%	EPA 8270C	-88	-88	0	30	
2018/19-1	Lab	method blank	12/28/2018	Organic	Benzo(g,h,i)perylene	n/a	<	0.1	µg/L	EPA 625	0.1	2			
2018/19-1	Lab	LCS	12/28/2018	Organic	Benzo(g,h,i)perylene	n/a	=	23.8	µg/L	EPA 625	0.1	2			
2018/19-1	Lab	LCS, rec	12/28/2018	Organic	Benzo(g,h,i)perylene	n/a	=	95	%	EPA 625	-88	-88	0.1	219	
2018/19-1	Lab	LCS dup	12/28/2018	Organic	Benzo(g,h,i)perylene	n/a	=	22	µg/L	EPA 625	0.1	2			
2018/19-1	Lab	LCS dup, rec	12/28/2018	Organic	Benzo(g,h,i)perylene	n/a	=	88	%	EPA 625	-88	-88	0.1	219	
2018/19-1	Lab	LCS, RPD	12/28/2018	Organic	Benzo(g,h,i)perylene	n/a	=	8	%	EPA 625	-88	-88	0	30	
2018/19-1	Lab	method blank	1/3/2019	Organic	Benzo(g,h,i)perylene	n/a	<	0.1	µg/L	EPA 8270C	0.1	0.1			
2018/19-1	Lab	LCS	1/4/2019	Organic	Benzo(g,h,i)perylene	n/a	=	13.3	µg/L	EPA 8270C	0.1	0.1			
2018/19-1	Lab	LCS, rec	1/4/2019	Organic	Benzo(g,h,i)perylene	n/a	=	133	%	EPA 8270C	-88	-88	14	139	
2018/19-1	Lab	LCS dup	1/4/2019	Organic	Benzo(g,h,i)perylene	n/a	=	13.8	µg/L	EPA 8270C	0.1	0.1			
2018/19-1	Lab	LCS dup, rec	1/4/2019	Organic	Benzo(g,h,i)perylene	n/a	=	138	%	EPA 8270C	-88	-88	14	139	
2018/19-1	Lab	LCS, RPD	1/4/2019	Organic	Benzo(g,h,i)perylene	n/a	=	4	%	EPA 8270C	-88	-88	0	30	
2018/19-1	Lab	method blank	1/5/2019	Organic	Benzo(g,h,i)perylene	n/a	<	0.1	µg/L	EPA 8270C	0.1	0.1			
2018/19-1	Lab	LCS	1/5/2019	Organic	Benzo(g,h,i)perylene	n/a	=	8.91	µg/L	EPA 8270C	0.1	0.1			
2018/19-1	Lab	LCS, rec	1/5/2019	Organic	Benzo(g,h,i)perylene	n/a	=	89	%	EPA 8270C	-88	-88	14	139	
2018/19-1	Lab	LCS dup	1/5/2019	Organic	Benzo(g,h,i)perylene	n/a	=	9.2	µg/L	EPA 8270C	0.1	0.1			
2018/19-1	Lab	LCS dup, rec	1/5/2019	Organic	Benzo(g,h,i)perylene	n/a	=	92	%	EPA 8270C	-88	-88	14	139	
2018/19-1	Lab	LCS, RPD	1/5/2019	Organic	Benzo(g,h,i)perylene	n/a	=	3	%	EPA 8270C	-88	-88	0	30	
2018/19-1	Lab	method blank	12/28/2018	Organic	Benzo(k)fluoranthene	n/a	<	0.22	µg/L	EPA 625	0.22	1			
2018/19-1	Lab	LCS	12/28/2018	Organic	Benzo(k)fluoranthene	n/a	=	24.9	µg/L	EPA 625	0.22	1			
2018/19-1	Lab	LCS, rec	12/28/2018	Organic	Benzo(k)fluoranthene	n/a	=	100	%	EPA 625	-88	-88	11	162	
2018/19-1	Lab	LCS dup	12/28/2018	Organic	Benzo(k)fluoranthene	n/a	=	22.9	µg/L	EPA 625	0.22	1			
2018/19-1	Lab	LCS dup, rec	12/28/2018	Organic	Benzo(k)fluoranthene	n/a	=	92	%	EPA 625	-88	-88	11	162	
2018/19-1	Lab	LCS, RPD	12/28/2018	Organic	Benzo(k)fluoranthene	n/a	=	8	%	EPA 625	-88	-88	0	30	
2018/19-1	Lab	method blank	1/3/2019	Organic	Benzo(k)fluoranthene	n/a	<	0.1	µg/L	EPA 8270C	0.1	0.1			
2018/19-1	Lab	LCS	1/4/2019	Organic	Benzo(k)fluoranthene	n/a	=	12.3	µg/L	EPA 8270C	0.1	0.1			

Appendix F
Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2018/19-1	Lab	LCS, rec	1/4/2019	Organic	Benzo(k)fluoranthene	n/a	=	123	%	EPA 8270C	-88	-88	22	127	
2018/19-1	Lab	LCS dup	1/4/2019	Organic	Benzo(k)fluoranthene	n/a	=	12.8	µg/L	EPA 8270C	0.1	0.1			EUM
2018/19-1	Lab	LCS dup, rec	1/4/2019	Organic	Benzo(k)fluoranthene	n/a	=	128	%	EPA 8270C	-88	-88	22	127	EUM
2018/19-1	Lab	LCS, RPD	1/4/2019	Organic	Benzo(k)fluoranthene	n/a	=	4	%	EPA 8270C	-88	-88	0	30	
2018/19-1	Lab	method blank	1/5/2019	Organic	Benzo(k)fluoranthene	n/a	<	0.1	µg/L	EPA 8270C	0.1	0.1			
2018/19-1	Lab	LCS	1/5/2019	Organic	Benzo(k)fluoranthene	n/a	=	9.33	µg/L	EPA 8270C	0.1	0.1			
2018/19-1	Lab	LCS, rec	1/5/2019	Organic	Benzo(k)fluoranthene	n/a	=	93	%	EPA 8270C	-88	-88	22	127	
2018/19-1	Lab	LCS dup	1/5/2019	Organic	Benzo(k)fluoranthene	n/a	=	9.94	µg/L	EPA 8270C	0.1	0.1			
2018/19-1	Lab	LCS dup, rec	1/5/2019	Organic	Benzo(k)fluoranthene	n/a	=	99	%	EPA 8270C	-88	-88	22	127	
2018/19-1	Lab	LCS, RPD	1/5/2019	Organic	Benzo(k)fluoranthene	n/a	=	6	%	EPA 8270C	-88	-88	0	30	
2018/19-1	Lab	method blank	12/28/2018	Organic	Bis(2-chloroethoxy)methane	n/a	<	0.25	µg/L	EPA 625	0.25	1			
2018/19-1	Lab	LCS	12/28/2018	Organic	Bis(2-chloroethoxy)methane	n/a	=	20.1	µg/L	EPA 625	0.25	1			
2018/19-1	Lab	LCS, rec	12/28/2018	Organic	Bis(2-chloroethoxy)methane	n/a	=	80	%	EPA 625	-88	-88	33	184	
2018/19-1	Lab	LCS dup	12/28/2018	Organic	Bis(2-chloroethoxy)methane	n/a	=	18.1	µg/L	EPA 625	0.25	1			
2018/19-1	Lab	LCS dup, rec	12/28/2018	Organic	Bis(2-chloroethoxy)methane	n/a	=	73	%	EPA 625	-88	-88	33	184	
2018/19-1	Lab	LCS, RPD	12/28/2018	Organic	Bis(2-chloroethoxy)methane	n/a	=	10	%	EPA 625	-88	-88	0	30	
2018/19-1	Lab	method blank	12/28/2018	Organic	Bis(2-chloroethyl)ether	n/a	<	0.27	µg/L	EPA 625	0.27	1			
2018/19-1	Lab	LCS	12/28/2018	Organic	Bis(2-chloroethyl)ether	n/a	=	16.6	µg/L	EPA 625	0.27	1			
2018/19-1	Lab	LCS, rec	12/28/2018	Organic	Bis(2-chloroethyl)ether	n/a	=	66	%	EPA 625	-88	-88	12	158	
2018/19-1	Lab	LCS dup	12/28/2018	Organic	Bis(2-chloroethyl)ether	n/a	=	15.5	µg/L	EPA 625	0.27	1			
2018/19-1	Lab	LCS dup, rec	12/28/2018	Organic	Bis(2-chloroethyl)ether	n/a	=	62	%	EPA 625	-88	-88	12	158	
2018/19-1	Lab	LCS, RPD	12/28/2018	Organic	Bis(2-chloroethyl)ether	n/a	=	7	%	EPA 625	-88	-88	0	30	
2018/19-1	Lab	method blank	12/28/2018	Organic	Bis(2-chloroisopropyl)ether	n/a	<	0.38	µg/L	EPA 625	0.38	1			
2018/19-1	Lab	LCS	12/28/2018	Organic	Bis(2-chloroisopropyl)ether	n/a	=	17.6	µg/L	EPA 625	0.38	1			
2018/19-1	Lab	LCS, rec	12/28/2018	Organic	Bis(2-chloroisopropyl)ether	n/a	=	70	%	EPA 625	-88	-88	36	166	
2018/19-1	Lab	LCS dup	12/28/2018	Organic	Bis(2-chloroisopropyl)ether	n/a	=	16.3	µg/L	EPA 625	0.38	1			
2018/19-1	Lab	LCS dup, rec	12/28/2018	Organic	Bis(2-chloroisopropyl)ether	n/a	=	65	%	EPA 625	-88	-88	36	166	
2018/19-1	Lab	LCS, RPD	12/28/2018	Organic	Bis(2-chloroisopropyl)ether	n/a	=	8	%	EPA 625	-88	-88	0	30	
2018/19-1	Lab	method blank	12/14/2018	Organic	Bis(2-ethylhexyl)adipate	n/a	<	0.1	µg/L	EPA 525.2	0.1	5			
2018/19-1	Lab	LCS	12/14/2018	Organic	Bis(2-ethylhexyl)adipate	n/a	DNQ	4.73	µg/L	EPA 525.2	0.1	5			
2018/19-1	Lab	LCS, rec	12/14/2018	Organic	Bis(2-ethylhexyl)adipate	n/a	=	95	%	EPA 525.2	-88	-88	70	130	
2018/19-1	Lab	LCS dup	12/14/2018	Organic	Bis(2-ethylhexyl)adipate	n/a	DNQ	4.98	µg/L	EPA 525.2	0.1	5			
2018/19-1	Lab	LCS dup, rec	12/14/2018	Organic	Bis(2-ethylhexyl)adipate	n/a	=	100	%	EPA 525.2	-88	-88	70	130	
2018/19-1	Lab	LCS, RPD	12/14/2018	Organic	Bis(2-ethylhexyl)adipate	n/a	=	5	%	EPA 525.2	-88	-88	0	30	
2018/19-1	Lab	method blank	12/14/2018	Organic	Bis(2-ethylhexyl)phthalate	n/a	<	1.1	µg/L	EPA 525.2	1.1	3			
2018/19-1	Lab	LCS	12/14/2018	Organic	Bis(2-ethylhexyl)phthalate	n/a	=	4.49	µg/L	EPA 525.2	1.1	3			
2018/19-1	Lab	LCS, rec	12/14/2018	Organic	Bis(2-ethylhexyl)phthalate	n/a	=	90	%	EPA 525.2	-88	-88	70	130	
2018/19-1	Lab	LCS dup	12/14/2018	Organic	Bis(2-ethylhexyl)phthalate	n/a	=	4.65	µg/L	EPA 525.2	1.1	3			
2018/19-1	Lab	LCS dup, rec	12/14/2018	Organic	Bis(2-ethylhexyl)phthalate	n/a	=	93	%	EPA 525.2	-88	-88	70	130	
2018/19-1	Lab	LCS, RPD	12/14/2018	Organic	Bis(2-ethylhexyl)phthalate	n/a	=	4	%	EPA 525.2	-88	-88	0	30	
2018/19-1	Lab	method blank	12/28/2018	Organic	Bis(2-ethylhexyl)phthalate	n/a	<	2.3	µg/L	EPA 625	2.3	5			
2018/19-1	Lab	LCS	12/28/2018	Organic	Bis(2-ethylhexyl)phthalate	n/a	=	18.7	µg/L	EPA 625	2.3	5			
2018/19-1	Lab	LCS, rec	12/28/2018	Organic	Bis(2-ethylhexyl)phthalate	n/a	=	75	%	EPA 625	-88	-88	8	158	
2018/19-1	Lab	LCS dup	12/28/2018	Organic	Bis(2-ethylhexyl)phthalate	n/a	=	19	µg/L	EPA 625	2.3	5			
2018/19-1	Lab	LCS dup, rec	12/28/2018	Organic	Bis(2-ethylhexyl)phthalate	n/a	=	76	%	EPA 625	-88	-88	8	158	
2018/19-1	Lab	LCS, RPD	12/28/2018	Organic	Bis(2-ethylhexyl)phthalate	n/a	=	2	%	EPA 625	-88	-88	0	30	
2018/19-1	Lab	method blank	12/28/2018	Organic	Butyl benzyl phthalate	n/a	DNQ	0.184	µg/L	EPA 625	0.18	1			IP

Appendix F
Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2018/19-1	Lab	LCS	12/28/2018	Organic	Butyl benzyl phthalate	n/a	=	19.1	µg/L	EPA 625	0.18	1			
2018/19-1	Lab	LCS, rec	12/28/2018	Organic	Butyl benzyl phthalate	n/a	=	77	%	EPA 625	-88	-88	0.1	152	
2018/19-1	Lab	LCS dup	12/28/2018	Organic	Butyl benzyl phthalate	n/a	=	19.9	µg/L	EPA 625	0.18	1			
2018/19-1	Lab	LCS dup, rec	12/28/2018	Organic	Butyl benzyl phthalate	n/a	=	80	%	EPA 625	-88	-88	0.1	152	
2018/19-1	Lab	LCS, RPD	12/28/2018	Organic	Butyl benzyl phthalate	n/a	=	4	%	EPA 625	-88	-88	0	30	
2018/19-1	Lab	method blank	12/28/2018	Organic	Chrysene	n/a	<	0.19	µg/L	EPA 625	0.19	1			
2018/19-1	Lab	LCS	12/28/2018	Organic	Chrysene	n/a	=	24.6	µg/L	EPA 625	0.19	1			
2018/19-1	Lab	LCS, rec	12/28/2018	Organic	Chrysene	n/a	=	98	%	EPA 625	-88	-88	17	168	
2018/19-1	Lab	LCS dup	12/28/2018	Organic	Chrysene	n/a	=	22.6	µg/L	EPA 625	0.19	1			
2018/19-1	Lab	LCS dup, rec	12/28/2018	Organic	Chrysene	n/a	=	91	%	EPA 625	-88	-88	17	168	
2018/19-1	Lab	LCS, RPD	12/28/2018	Organic	Chrysene	n/a	=	8	%	EPA 625	-88	-88	0	30	
2018/19-1	Lab	method blank	1/3/2019	Organic	Chrysene	n/a	<	0.1	µg/L	EPA 8270C	0.1	0.1			
2018/19-1	Lab	LCS	1/4/2019	Organic	Chrysene	n/a	=	10.7	µg/L	EPA 8270C	0.1	0.1			
2018/19-1	Lab	LCS, rec	1/4/2019	Organic	Chrysene	n/a	=	107	%	EPA 8270C	-88	-88	32	126	
2018/19-1	Lab	LCS dup	1/4/2019	Organic	Chrysene	n/a	=	11	µg/L	EPA 8270C	0.1	0.1			
2018/19-1	Lab	LCS dup, rec	1/4/2019	Organic	Chrysene	n/a	=	110	%	EPA 8270C	-88	-88	32	126	
2018/19-1	Lab	LCS, RPD	1/4/2019	Organic	Chrysene	n/a	=	3	%	EPA 8270C	-88	-88	0	30	
2018/19-1	Lab	method blank	1/5/2019	Organic	Chrysene	n/a	<	0.1	µg/L	EPA 8270C	0.1	0.1			
2018/19-1	Lab	LCS	1/5/2019	Organic	Chrysene	n/a	=	10.6	µg/L	EPA 8270C	0.1	0.1			
2018/19-1	Lab	LCS, rec	1/5/2019	Organic	Chrysene	n/a	=	106	%	EPA 8270C	-88	-88	32	126	
2018/19-1	Lab	LCS dup	1/5/2019	Organic	Chrysene	n/a	=	11.1	µg/L	EPA 8270C	0.1	0.1			
2018/19-1	Lab	LCS dup, rec	1/5/2019	Organic	Chrysene	n/a	=	111	%	EPA 8270C	-88	-88	32	126	
2018/19-1	Lab	LCS, RPD	1/5/2019	Organic	Chrysene	n/a	=	5	%	EPA 8270C	-88	-88	0	30	
2018/19-1	Lab	method blank	12/28/2018	Organic	Dibenz(a,h)anthracene	n/a	<	0.08	µg/L	EPA 625	0.08	2			
2018/19-1	Lab	LCS	12/28/2018	Organic	Dibenz(a,h)anthracene	n/a	=	14.1	µg/L	EPA 625	0.08	2			
2018/19-1	Lab	LCS, rec	12/28/2018	Organic	Dibenz(a,h)anthracene	n/a	=	56	%	EPA 625	-88	-88	0.1	227	
2018/19-1	Lab	LCS dup	12/28/2018	Organic	Dibenz(a,h)anthracene	n/a	=	13.5	µg/L	EPA 625	0.08	2			
2018/19-1	Lab	LCS dup, rec	12/28/2018	Organic	Dibenz(a,h)anthracene	n/a	=	54	%	EPA 625	-88	-88	0.1	227	
2018/19-1	Lab	LCS, RPD	12/28/2018	Organic	Dibenz(a,h)anthracene	n/a	=	5	%	EPA 625	-88	-88	0	30	
2018/19-1	Lab	method blank	1/3/2019	Organic	Dibenz(a,h)anthracene	n/a	<	0.1	µg/L	EPA 8270C	0.1	0.1			
2018/19-1	Lab	LCS	1/4/2019	Organic	Dibenz(a,h)anthracene	n/a	=	8.36	µg/L	EPA 8270C	0.1	0.1			
2018/19-1	Lab	LCS, rec	1/4/2019	Organic	Dibenz(a,h)anthracene	n/a	=	84	%	EPA 8270C	-88	-88	9	147	
2018/19-1	Lab	LCS dup	1/4/2019	Organic	Dibenz(a,h)anthracene	n/a	=	8.71	µg/L	EPA 8270C	0.1	0.1			
2018/19-1	Lab	LCS dup, rec	1/4/2019	Organic	Dibenz(a,h)anthracene	n/a	=	87	%	EPA 8270C	-88	-88	9	147	
2018/19-1	Lab	LCS, RPD	1/4/2019	Organic	Dibenz(a,h)anthracene	n/a	=	4	%	EPA 8270C	-88	-88	0	30	
2018/19-1	Lab	method blank	1/5/2019	Organic	Dibenz(a,h)anthracene	n/a	<	0.1	µg/L	EPA 8270C	0.1	0.1			
2018/19-1	Lab	LCS	1/5/2019	Organic	Dibenz(a,h)anthracene	n/a	=	5.35	µg/L	EPA 8270C	0.1	0.1			
2018/19-1	Lab	LCS, rec	1/5/2019	Organic	Dibenz(a,h)anthracene	n/a	=	54	%	EPA 8270C	-88	-88	9	147	
2018/19-1	Lab	LCS dup	1/5/2019	Organic	Dibenz(a,h)anthracene	n/a	=	5.61	µg/L	EPA 8270C	0.1	0.1			
2018/19-1	Lab	LCS dup, rec	1/5/2019	Organic	Dibenz(a,h)anthracene	n/a	=	56	%	EPA 8270C	-88	-88	9	147	
2018/19-1	Lab	LCS, RPD	1/5/2019	Organic	Dibenz(a,h)anthracene	n/a	=	5	%	EPA 8270C	-88	-88	0	30	
2018/19-1	Lab	method blank	12/28/2018	Organic	Diethyl phthalate	n/a	<	0.15	µg/L	EPA 625	0.15	1			
2018/19-1	Lab	LCS	12/28/2018	Organic	Diethyl phthalate	n/a	=	24.4	µg/L	EPA 625	0.15	1			
2018/19-1	Lab	LCS, rec	12/28/2018	Organic	Diethyl phthalate	n/a	=	98	%	EPA 625	-88	-88	0.1	114	
2018/19-1	Lab	LCS dup	12/28/2018	Organic	Diethyl phthalate	n/a	=	22.5	µg/L	EPA 625	0.15	1			
2018/19-1	Lab	LCS dup, rec	12/28/2018	Organic	Diethyl phthalate	n/a	=	90	%	EPA 625	-88	-88	0.1	114	
2018/19-1	Lab	LCS, RPD	12/28/2018	Organic	Diethyl phthalate	n/a	=	8	%	EPA 625	-88	-88	0	30	

Appendix F
Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2018/19-1	Lab	method blank	12/28/2018	Organic	Dimethyl phthalate	n/a	<	0.18	µg/L	EPA 625	0.18	1			
2018/19-1	Lab	LCS	12/28/2018	Organic	Dimethyl phthalate	n/a	=	20.5	µg/L	EPA 625	0.18	1			
2018/19-1	Lab	LCS, rec	12/28/2018	Organic	Dimethyl phthalate	n/a	=	82	%	EPA 625	-88	-88	0.1	112	
2018/19-1	Lab	LCS dup	12/28/2018	Organic	Dimethyl phthalate	n/a	=	18.8	µg/L	EPA 625	0.18	1			
2018/19-1	Lab	LCS dup, rec	12/28/2018	Organic	Dimethyl phthalate	n/a	=	75	%	EPA 625	-88	-88	0.1	112	
2018/19-1	Lab	LCS, RPD	12/28/2018	Organic	Dimethyl phthalate	n/a	=	9	%	EPA 625	-88	-88	0	30	
2018/19-1	Lab	method blank	12/28/2018	Organic	Di-n-butylphthalate	n/a	<	0.24	µg/L	EPA 625	0.24	1			
2018/19-1	Lab	LCS	12/28/2018	Organic	Di-n-butylphthalate	n/a	=	26.2	µg/L	EPA 625	0.24	1			
2018/19-1	Lab	LCS, rec	12/28/2018	Organic	Di-n-butylphthalate	n/a	=	105	%	EPA 625	-88	-88	1	118	
2018/19-1	Lab	LCS dup	12/28/2018	Organic	Di-n-butylphthalate	n/a	=	26.9	µg/L	EPA 625	0.24	1			
2018/19-1	Lab	LCS dup, rec	12/28/2018	Organic	Di-n-butylphthalate	n/a	=	107	%	EPA 625	-88	-88	1	118	
2018/19-1	Lab	LCS, RPD	12/28/2018	Organic	Di-n-butylphthalate	n/a	=	2	%	EPA 625	-88	-88	0	30	
2018/19-1	Lab	method blank	12/28/2018	Organic	Di-n-octylphthalate	n/a	<	0.19	µg/L	EPA 625	0.19	1			
2018/19-1	Lab	LCS	12/28/2018	Organic	Di-n-octylphthalate	n/a	=	23.8	µg/L	EPA 625	0.19	1			
2018/19-1	Lab	LCS, rec	12/28/2018	Organic	Di-n-octylphthalate	n/a	=	95	%	EPA 625	-88	-88	4	146	
2018/19-1	Lab	LCS dup	12/28/2018	Organic	Di-n-octylphthalate	n/a	=	22	µg/L	EPA 625	0.19	1			
2018/19-1	Lab	LCS dup, rec	12/28/2018	Organic	Di-n-octylphthalate	n/a	=	88	%	EPA 625	-88	-88	4	146	
2018/19-1	Lab	LCS, RPD	12/28/2018	Organic	Di-n-octylphthalate	n/a	=	8	%	EPA 625	-88	-88	0	30	
2018/19-1	Lab	method blank	12/28/2018	Organic	Fluoranthene	n/a	<	0.22	µg/L	EPA 625	0.22	1			
2018/19-1	Lab	LCS	12/28/2018	Organic	Fluoranthene	n/a	=	23.2	µg/L	EPA 625	0.22	1			
2018/19-1	Lab	LCS, rec	12/28/2018	Organic	Fluoranthene	n/a	=	93	%	EPA 625	-88	-88	26	137	
2018/19-1	Lab	LCS dup	12/28/2018	Organic	Fluoranthene	n/a	=	24.6	µg/L	EPA 625	0.22	1			
2018/19-1	Lab	LCS dup, rec	12/28/2018	Organic	Fluoranthene	n/a	=	98	%	EPA 625	-88	-88	26	137	
2018/19-1	Lab	LCS, RPD	12/28/2018	Organic	Fluoranthene	n/a	=	6	%	EPA 625	-88	-88	0	30	
2018/19-1	Lab	method blank	1/3/2019	Organic	Fluoranthene	n/a	<	0.1	µg/L	EPA 8270C	0.1	0.1			
2018/19-1	Lab	LCS	1/4/2019	Organic	Fluoranthene	n/a	=	10.3	µg/L	EPA 8270C	0.1	0.1			
2018/19-1	Lab	LCS, rec	1/4/2019	Organic	Fluoranthene	n/a	=	103	%	EPA 8270C	-88	-88	22	131	
2018/19-1	Lab	LCS dup	1/4/2019	Organic	Fluoranthene	n/a	=	11.1	µg/L	EPA 8270C	0.1	0.1			
2018/19-1	Lab	LCS dup, rec	1/4/2019	Organic	Fluoranthene	n/a	=	111	%	EPA 8270C	-88	-88	22	131	
2018/19-1	Lab	LCS, RPD	1/4/2019	Organic	Fluoranthene	n/a	=	7	%	EPA 8270C	-88	-88	0	30	
2018/19-1	Lab	method blank	1/5/2019	Organic	Fluoranthene	n/a	<	0.1	µg/L	EPA 8270C	0.1	0.1			
2018/19-1	Lab	LCS	1/5/2019	Organic	Fluoranthene	n/a	=	9.3	µg/L	EPA 8270C	0.1	0.1			
2018/19-1	Lab	LCS, rec	1/5/2019	Organic	Fluoranthene	n/a	=	93	%	EPA 8270C	-88	-88	22	131	
2018/19-1	Lab	LCS dup	1/5/2019	Organic	Fluoranthene	n/a	=	9.88	µg/L	EPA 8270C	0.1	0.1			
2018/19-1	Lab	LCS dup, rec	1/5/2019	Organic	Fluoranthene	n/a	=	99	%	EPA 8270C	-88	-88	22	131	
2018/19-1	Lab	LCS, RPD	1/5/2019	Organic	Fluoranthene	n/a	=	6	%	EPA 8270C	-88	-88	0	30	
2018/19-1	Lab	method blank	12/28/2018	Organic	Fluorene	n/a	<	0.35	µg/L	EPA 625	0.35	1			
2018/19-1	Lab	LCS	12/28/2018	Organic	Fluorene	n/a	=	24.2	µg/L	EPA 625	0.35	1			
2018/19-1	Lab	LCS, rec	12/28/2018	Organic	Fluorene	n/a	=	97	%	EPA 625	-88	-88	59	121	
2018/19-1	Lab	LCS dup	12/28/2018	Organic	Fluorene	n/a	=	21.3	µg/L	EPA 625	0.35	1			
2018/19-1	Lab	LCS dup, rec	12/28/2018	Organic	Fluorene	n/a	=	85	%	EPA 625	-88	-88	59	121	
2018/19-1	Lab	LCS, RPD	12/28/2018	Organic	Fluorene	n/a	=	13	%	EPA 625	-88	-88	0	30	
2018/19-1	Lab	method blank	1/3/2019	Organic	Fluorene	n/a	<	0.1	µg/L	EPA 8270C	0.1	0.1			
2018/19-1	Lab	LCS	1/4/2019	Organic	Fluorene	n/a	=	9.18	µg/L	EPA 8270C	0.1	0.1			
2018/19-1	Lab	LCS, rec	1/4/2019	Organic	Fluorene	n/a	=	92	%	EPA 8270C	-88	-88	19	122	
2018/19-1	Lab	LCS dup	1/4/2019	Organic	Fluorene	n/a	=	9.25	µg/L	EPA 8270C	0.1	0.1			
2018/19-1	Lab	LCS dup, rec	1/4/2019	Organic	Fluorene	n/a	=	92	%	EPA 8270C	-88	-88	19	122	

Appendix F
Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2018/19-1	Lab	LCS, RPD	1/4/2019	Organic	Fluorene	n/a	=	0.8	%	EPA 8270C	-88	-88	0	30	
2018/19-1	Lab	method blank	1/5/2019	Organic	Fluorene	n/a	<	0.1	µg/L	EPA 8270C	0.1	0.1			
2018/19-1	Lab	LCS	1/5/2019	Organic	Fluorene	n/a	=	8.4	µg/L	EPA 8270C	0.1	0.1			
2018/19-1	Lab	LCS, rec	1/5/2019	Organic	Fluorene	n/a	=	84	%	EPA 8270C	-88	-88	19	122	
2018/19-1	Lab	LCS dup	1/5/2019	Organic	Fluorene	n/a	=	8.45	µg/L	EPA 8270C	0.1	0.1			
2018/19-1	Lab	LCS dup, rec	1/5/2019	Organic	Fluorene	n/a	=	84	%	EPA 8270C	-88	-88	19	122	
2018/19-1	Lab	LCS, RPD	1/5/2019	Organic	Fluorene	n/a	=	0.6	%	EPA 8270C	-88	-88	0	30	
2018/19-1	Lab	method blank	12/28/2018	Organic	Hexachlorobenzene	n/a	<	0.49	µg/L	EPA 625	0.49	1			
2018/19-1	Lab	LCS	12/28/2018	Organic	Hexachlorobenzene	n/a	=	24.9	µg/L	EPA 625	0.49	1			
2018/19-1	Lab	LCS, rec	12/28/2018	Organic	Hexachlorobenzene	n/a	=	100	%	EPA 625	-88	-88	0.1	152	
2018/19-1	Lab	LCS dup	12/28/2018	Organic	Hexachlorobenzene	n/a	=	21	µg/L	EPA 625	0.49	1			
2018/19-1	Lab	LCS dup, rec	12/28/2018	Organic	Hexachlorobenzene	n/a	=	84	%	EPA 625	-88	-88	0.1	152	
2018/19-1	Lab	LCS, RPD	12/28/2018	Organic	Hexachlorobenzene	n/a	=	17	%	EPA 625	-88	-88	0	30	
2018/19-1	Lab	method blank	12/28/2018	Organic	Hexachlorobutadiene	n/a	<	0.47	µg/L	EPA 625	0.47	1			
2018/19-1	Lab	LCS	12/28/2018	Organic	Hexachlorobutadiene	n/a	=	18.4	µg/L	EPA 625	0.47	1			
2018/19-1	Lab	LCS, rec	12/28/2018	Organic	Hexachlorobutadiene	n/a	=	74	%	EPA 625	-88	-88	24	116	
2018/19-1	Lab	LCS dup	12/28/2018	Organic	Hexachlorobutadiene	n/a	=	17.4	µg/L	EPA 625	0.47	1			
2018/19-1	Lab	LCS dup, rec	12/28/2018	Organic	Hexachlorobutadiene	n/a	=	69	%	EPA 625	-88	-88	24	116	
2018/19-1	Lab	LCS, RPD	12/28/2018	Organic	Hexachlorobutadiene	n/a	=	6	%	EPA 625	-88	-88	0	30	
2018/19-1	Lab	method blank	12/28/2018	Organic	Hexachlorocyclopentadiene	n/a	<	1.5	µg/L	EPA 625	1.5	5			
2018/19-1	Lab	LCS	12/28/2018	Organic	Hexachlorocyclopentadiene	n/a	=	12.1	µg/L	EPA 625	1.5	5			
2018/19-1	Lab	LCS, rec	12/28/2018	Organic	Hexachlorocyclopentadiene	n/a	=	49	%	EPA 625	-88	-88	0.1	81	
2018/19-1	Lab	LCS dup	12/28/2018	Organic	Hexachlorocyclopentadiene	n/a	=	11.9	µg/L	EPA 625	1.5	5			
2018/19-1	Lab	LCS dup, rec	12/28/2018	Organic	Hexachlorocyclopentadiene	n/a	=	47	%	EPA 625	-88	-88	0.1	81	
2018/19-1	Lab	LCS, RPD	12/28/2018	Organic	Hexachlorocyclopentadiene	n/a	=	2	%	EPA 625	-88	-88	0	30	
2018/19-1	Lab	method blank	12/28/2018	Organic	Hexachloroethane	n/a	<	0.52	µg/L	EPA 625	0.52	1			
2018/19-1	Lab	LCS	12/28/2018	Organic	Hexachloroethane	n/a	=	18.4	µg/L	EPA 625	0.52	1			
2018/19-1	Lab	LCS, rec	12/28/2018	Organic	Hexachloroethane	n/a	=	74	%	EPA 625	-88	-88	40	113	
2018/19-1	Lab	LCS dup	12/28/2018	Organic	Hexachloroethane	n/a	=	17.5	µg/L	EPA 625	0.52	1			
2018/19-1	Lab	LCS dup, rec	12/28/2018	Organic	Hexachloroethane	n/a	=	70	%	EPA 625	-88	-88	40	113	
2018/19-1	Lab	LCS, RPD	12/28/2018	Organic	Hexachloroethane	n/a	=	5	%	EPA 625	-88	-88	0	30	
2018/19-1	Lab	method blank	12/28/2018	Organic	Indeno(1,2,3-cd)pyrene	n/a	<	0.12	µg/L	EPA 625	0.12	2			
2018/19-1	Lab	LCS	12/28/2018	Organic	Indeno(1,2,3-cd)pyrene	n/a	=	24.2	µg/L	EPA 625	0.12	2			
2018/19-1	Lab	LCS, rec	12/28/2018	Organic	Indeno(1,2,3-cd)pyrene	n/a	=	97	%	EPA 625	-88	-88	0.1	171	
2018/19-1	Lab	LCS dup	12/28/2018	Organic	Indeno(1,2,3-cd)pyrene	n/a	=	22.9	µg/L	EPA 625	0.12	2			
2018/19-1	Lab	LCS dup, rec	12/28/2018	Organic	Indeno(1,2,3-cd)pyrene	n/a	=	92	%	EPA 625	-88	-88	0.1	171	
2018/19-1	Lab	LCS, RPD	12/28/2018	Organic	Indeno(1,2,3-cd)pyrene	n/a	=	5	%	EPA 625	-88	-88	0	30	
2018/19-1	Lab	method blank	1/3/2019	Organic	Indeno(1,2,3-cd)pyrene	n/a	<	0.1	µg/L	EPA 8270C	0.1	0.1			
2018/19-1	Lab	LCS	1/4/2019	Organic	Indeno(1,2,3-cd)pyrene	n/a	=	13.6	µg/L	EPA 8270C	0.1	0.1			
2018/19-1	Lab	LCS, rec	1/4/2019	Organic	Indeno(1,2,3-cd)pyrene	n/a	=	136	%	EPA 8270C	-88	-88	12	136	
2018/19-1	Lab	LCS dup	1/4/2019	Organic	Indeno(1,2,3-cd)pyrene	n/a	=	14.3	µg/L	EPA 8270C	0.1	0.1			EUM
2018/19-1	Lab	LCS dup, rec	1/4/2019	Organic	Indeno(1,2,3-cd)pyrene	n/a	=	143	%	EPA 8270C	-88	-88	12	136	EUM
2018/19-1	Lab	LCS, RPD	1/4/2019	Organic	Indeno(1,2,3-cd)pyrene	n/a	=	5	%	EPA 8270C	-88	-88	0	30	
2018/19-1	Lab	method blank	1/5/2019	Organic	Indeno(1,2,3-cd)pyrene	n/a	<	0.1	µg/L	EPA 8270C	0.1	0.1			
2018/19-1	Lab	LCS	1/5/2019	Organic	Indeno(1,2,3-cd)pyrene	n/a	=	8.86	µg/L	EPA 8270C	0.1	0.1			
2018/19-1	Lab	LCS, rec	1/5/2019	Organic	Indeno(1,2,3-cd)pyrene	n/a	=	89	%	EPA 8270C	-88	-88	12	136	
2018/19-1	Lab	LCS dup	1/5/2019	Organic	Indeno(1,2,3-cd)pyrene	n/a	=	9.3	µg/L	EPA 8270C	0.1	0.1			

Appendix F
Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2018/19-1	Lab	LCS dup, rec	1/5/2019	Organic	Indeno(1,2,3-cd)pyrene	n/a	=	93	%	EPA 8270C	-88	-88	12	136	
2018/19-1	Lab	LCS, RPD	1/5/2019	Organic	Indeno(1,2,3-cd)pyrene	n/a	=	5	%	EPA 8270C	-88	-88	0	30	
2018/19-1	Lab	method blank	12/28/2018	Organic	Isophorone	n/a	<	0.21	µg/L	EPA 625	0.21	1			
2018/19-1	Lab	LCS	12/28/2018	Organic	Isophorone	n/a	=	21.7	µg/L	EPA 625	0.21	1			
2018/19-1	Lab	LCS, rec	12/28/2018	Organic	Isophorone	n/a	=	87	%	EPA 625	-88	-88	21	196	
2018/19-1	Lab	LCS dup	12/28/2018	Organic	Isophorone	n/a	=	19.9	µg/L	EPA 625	0.21	1			
2018/19-1	Lab	LCS dup, rec	12/28/2018	Organic	Isophorone	n/a	=	80	%	EPA 625	-88	-88	21	196	
2018/19-1	Lab	LCS, RPD	12/28/2018	Organic	Isophorone	n/a	=	9	%	EPA 625	-88	-88	0	30	
2018/19-1	Lab	LCS	11/26/2018	Organic	Methyl tert-butyl ether (MTBE)	n/a	=	42.3	µg/L	EPA 624	0.25	1			
2018/19-1	Lab	LCS, rec	11/26/2018	Organic	Methyl tert-butyl ether (MTBE)	n/a	=	85	%	EPA 624	-88	-88	80	128	
2018/19-1	Lab	LCS dup	11/26/2018	Organic	Methyl tert-butyl ether (MTBE)	n/a	=	46.7	µg/L	EPA 624	0.25	1			
2018/19-1	Lab	LCS dup, rec	11/26/2018	Organic	Methyl tert-butyl ether (MTBE)	n/a	=	93	%	EPA 624	-88	-88	80	128	
2018/19-1	Lab	LCS, RPD	11/26/2018	Organic	Methyl tert-butyl ether (MTBE)	n/a	=	10	%	EPA 624	-88	-88	0	25	
2018/19-1	Lab	method blank	11/26/2018	Organic	Methyl tert-butyl ether (MTBE)	n/a	<	0.25	µg/L	EPA 624	0.25	1			
2018/19-1	MO-CAM	field duplicate	11/26/2018	Organic	Methyl tert-butyl ether (MTBE)	n/a	<	0.25	µg/L	EPA 624	0.25	1			
2018/19-1	Lab	method blank	12/28/2018	Organic	Naphthalene	n/a	<	0.49	µg/L	EPA 625	0.49	1			
2018/19-1	Lab	LCS	12/28/2018	Organic	Naphthalene	n/a	=	18.4	µg/L	EPA 625	0.49	1			
2018/19-1	Lab	LCS, rec	12/28/2018	Organic	Naphthalene	n/a	=	74	%	EPA 625	-88	-88	21	133	
2018/19-1	Lab	LCS dup	12/28/2018	Organic	Naphthalene	n/a	=	17.1	µg/L	EPA 625	0.49	1			
2018/19-1	Lab	LCS dup, rec	12/28/2018	Organic	Naphthalene	n/a	=	69	%	EPA 625	-88	-88	21	133	
2018/19-1	Lab	LCS, RPD	12/28/2018	Organic	Naphthalene	n/a	=	7	%	EPA 625	-88	-88	0	30	
2018/19-1	Lab	method blank	1/3/2019	Organic	Naphthalene	n/a	<	0.1	µg/L	EPA 8270C	0.1	0.1			
2018/19-1	Lab	LCS	1/4/2019	Organic	Naphthalene	n/a	=	7.34	µg/L	EPA 8270C	0.1	0.1			
2018/19-1	Lab	LCS, rec	1/4/2019	Organic	Naphthalene	n/a	=	73	%	EPA 8270C	-88	-88	12	136	
2018/19-1	Lab	LCS dup	1/4/2019	Organic	Naphthalene	n/a	=	6.9	µg/L	EPA 8270C	0.1	0.1			
2018/19-1	Lab	LCS dup, rec	1/4/2019	Organic	Naphthalene	n/a	=	69	%	EPA 8270C	-88	-88	12	136	
2018/19-1	Lab	LCS, RPD	1/4/2019	Organic	Naphthalene	n/a	=	6	%	EPA 8270C	-88	-88	0	30	
2018/19-1	Lab	method blank	1/5/2019	Organic	Naphthalene	n/a	<	0.1	µg/L	EPA 8270C	0.1	0.1			
2018/19-1	Lab	LCS	1/5/2019	Organic	Naphthalene	n/a	=	7.36	µg/L	EPA 8270C	0.1	0.1			
2018/19-1	Lab	LCS, rec	1/5/2019	Organic	Naphthalene	n/a	=	74	%	EPA 8270C	-88	-88	12	136	
2018/19-1	Lab	LCS dup	1/5/2019	Organic	Naphthalene	n/a	=	6.89	µg/L	EPA 8270C	0.1	0.1			
2018/19-1	Lab	LCS dup, rec	1/5/2019	Organic	Naphthalene	n/a	=	69	%	EPA 8270C	-88	-88	12	136	
2018/19-1	Lab	LCS, RPD	1/5/2019	Organic	Naphthalene	n/a	=	7	%	EPA 8270C	-88	-88	0	30	
2018/19-1	Lab	method blank	12/28/2018	Organic	Nitrobenzene	n/a	<	0.36	µg/L	EPA 625	0.36	1			
2018/19-1	Lab	LCS	12/28/2018	Organic	Nitrobenzene	n/a	=	16.6	µg/L	EPA 625	0.36	1			
2018/19-1	Lab	LCS, rec	12/28/2018	Organic	Nitrobenzene	n/a	=	67	%	EPA 625	-88	-88	35	180	
2018/19-1	Lab	LCS dup	12/28/2018	Organic	Nitrobenzene	n/a	=	15.6	µg/L	EPA 625	0.36	1			
2018/19-1	Lab	LCS dup, rec	12/28/2018	Organic	Nitrobenzene	n/a	=	63	%	EPA 625	-88	-88	35	180	
2018/19-1	Lab	LCS, RPD	12/28/2018	Organic	Nitrobenzene	n/a	=	6	%	EPA 625	-88	-88	0	30	
2018/19-1	Lab	srgt method blank	12/28/2018	Organic	Nitrobenzene-d5	n/a	=	16.2	µg/L	EPA 625	-88	-88			
2018/19-1	Lab	srgt method blank, rec	12/28/2018	Organic	Nitrobenzene-d5	n/a	=	65	%	EPA 625	-88	-88	27	111	
2018/19-1	Lab	srgt LCS	12/28/2018	Organic	Nitrobenzene-d5	n/a	=	16.1	µg/L	EPA 625	-88	-88			
2018/19-1	Lab	srgt LCS, rec	12/28/2018	Organic	Nitrobenzene-d5	n/a	=	65	%	EPA 625	-88	-88	27	111	
2018/19-1	Lab	srgt LCS dup	12/28/2018	Organic	Nitrobenzene-d5	n/a	=	14.8	µg/L	EPA 625	-88	-88			
2018/19-1	Lab	srgt LCS dup, rec	12/28/2018	Organic	Nitrobenzene-d5	n/a	=	59	%	EPA 625	-88	-88	27	111	
2018/19-1	Lab	srgt method blank	1/3/2019	Organic	Nitrobenzene-d5	n/a	=	2.6	µg/L	EPA 8270C	-88	-88			
2018/19-1	Lab	srgt method blank, rec	1/3/2019	Organic	Nitrobenzene-d5	n/a	=	52	%	EPA 8270C	-88	-88	51	143	

Appendix F
Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2018/19-1	Lab	srgt LCS	1/4/2019	Organic	Nitrobenzene-d5	n/a	=	3.2	µg/L	EPA 8270C	-88	-88			
2018/19-1	Lab	srgt LCS, rec	1/4/2019	Organic	Nitrobenzene-d5	n/a	=	64	%	EPA 8270C	-88	-88	51	143	
2018/19-1	Lab	srgt LCS dup	1/4/2019	Organic	Nitrobenzene-d5	n/a	=	2.93	µg/L	EPA 8270C	-88	-88			
2018/19-1	Lab	srgt LCS dup, rec	1/4/2019	Organic	Nitrobenzene-d5	n/a	=	59	%	EPA 8270C	-88	-88	51	143	
2018/19-1	Lab	srgt method blank	1/5/2019	Organic	Nitrobenzene-d5	n/a	=	2.74	µg/L	EPA 8270C	-88	-88			
2018/19-1	Lab	srgt method blank, rec	1/5/2019	Organic	Nitrobenzene-d5	n/a	=	55	%	EPA 8270C	-88	-88	51	143	
2018/19-1	Lab	srgt LCS	1/5/2019	Organic	Nitrobenzene-d5	n/a	=	3.47	µg/L	EPA 8270C	-88	-88			
2018/19-1	Lab	srgt LCS, rec	1/5/2019	Organic	Nitrobenzene-d5	n/a	=	69	%	EPA 8270C	-88	-88	51	143	
2018/19-1	Lab	srgt LCS dup	1/5/2019	Organic	Nitrobenzene-d5	n/a	=	3.13	µg/L	EPA 8270C	-88	-88			
2018/19-1	Lab	srgt LCS dup, rec	1/5/2019	Organic	Nitrobenzene-d5	n/a	=	63	%	EPA 8270C	-88	-88	51	143	
2018/19-1	ME-CC	srgt environ	12/28/2018	Organic	Nitrobenzene-d5	n/a	=	16.6	µg/L	EPA 625	-88	-88			
2018/19-1	ME-CC	srgt environ, rec	12/28/2018	Organic	Nitrobenzene-d5	n/a	=	66	%	EPA 625	-88	-88	27	111	
2018/19-1	ME-CC	srgt environ	1/4/2019	Organic	Nitrobenzene-d5	n/a	=	2.71	µg/L	EPA 8270C	-88	-88			
2018/19-1	ME-CC	srgt environ, rec	1/4/2019	Organic	Nitrobenzene-d5	n/a	=	54	%	EPA 8270C	-88	-88	51	143	
2018/19-1	ME-VR2	srgt environ	12/28/2018	Organic	Nitrobenzene-d5	n/a	=	16.6	µg/L	EPA 625	-88	-88			
2018/19-1	ME-VR2	srgt environ, rec	12/28/2018	Organic	Nitrobenzene-d5	n/a	=	66	%	EPA 625	-88	-88	27	111	
2018/19-1	ME-VR2	srgt environ	1/4/2019	Organic	Nitrobenzene-d5	n/a	=	3.23	µg/L	EPA 8270C	-88	-88			
2018/19-1	ME-VR2	srgt environ, rec	1/4/2019	Organic	Nitrobenzene-d5	n/a	=	65	%	EPA 8270C	-88	-88	51	143	
2018/19-1	MO-CAM	srgt environ	12/28/2018	Organic	Nitrobenzene-d5	n/a	=	12.5	µg/L	EPA 625	-88	-88			
2018/19-1	MO-CAM	srgt environ, rec	12/28/2018	Organic	Nitrobenzene-d5	n/a	=	50	%	EPA 625	-88	-88	27	111	
2018/19-1	MO-CAM	srgt environ	1/4/2019	Organic	Nitrobenzene-d5	n/a	=	2.53	µg/L	EPA 8270C	-88	-88			
2018/19-1	MO-CAM	srgt environ, rec	1/4/2019	Organic	Nitrobenzene-d5	n/a	=	51	%	EPA 8270C	-88	-88	51	143	
2018/19-1	MO-FIL	srgt environ	12/29/2018	Organic	Nitrobenzene-d5	n/a	=	14.7	µg/L	EPA 625	-88	-88			
2018/19-1	MO-FIL	srgt environ, rec	12/29/2018	Organic	Nitrobenzene-d5	n/a	=	59	%	EPA 625	-88	-88	27	111	
2018/19-1	MO-FIL	srgt environ	1/4/2019	Organic	Nitrobenzene-d5	n/a	=	2.35	µg/L	EPA 8270C	-88	-88			GN
2018/19-1	MO-FIL	srgt environ, rec	1/4/2019	Organic	Nitrobenzene-d5	n/a	=	47	%	EPA 8270C	-88	-88	51	143	GN
2018/19-1	MO-HUE	srgt environ	12/29/2018	Organic	Nitrobenzene-d5	n/a	=	16.9	µg/L	EPA 625	-88	-88			
2018/19-1	MO-HUE	srgt environ, rec	12/29/2018	Organic	Nitrobenzene-d5	n/a	=	68	%	EPA 625	-88	-88	27	111	
2018/19-1	MO-HUE	srgt environ	1/4/2019	Organic	Nitrobenzene-d5	n/a	=	2.83	µg/L	EPA 8270C	-88	-88			
2018/19-1	MO-HUE	srgt environ, rec	1/4/2019	Organic	Nitrobenzene-d5	n/a	=	57	%	EPA 8270C	-88	-88	51	143	
2018/19-1	MO-MEI	srgt environ	12/28/2018	Organic	Nitrobenzene-d5	n/a	=	14.2	µg/L	EPA 625	-88	-88			
2018/19-1	MO-MEI	srgt environ, rec	12/28/2018	Organic	Nitrobenzene-d5	n/a	=	57	%	EPA 625	-88	-88	27	111	
2018/19-1	MO-MEI	srgt environ	1/4/2019	Organic	Nitrobenzene-d5	n/a	=	2.9	µg/L	EPA 8270C	-88	-88			
2018/19-1	MO-MEI	srgt environ, rec	1/4/2019	Organic	Nitrobenzene-d5	n/a	=	58	%	EPA 8270C	-88	-88	51	143	
2018/19-1	MO-MPK	srgt environ	12/29/2018	Organic	Nitrobenzene-d5	n/a	=	64.5	µg/L	EPA 625	-88	-88			
2018/19-1	MO-MPK	srgt environ, rec	12/29/2018	Organic	Nitrobenzene-d5	n/a	=	52	%	EPA 625	-88	-88	27	111	
2018/19-1	MO-MPK	srgt environ	1/4/2019	Organic	Nitrobenzene-d5	n/a	=	15.6	µg/L	EPA 8270C	-88	-88			
2018/19-1	MO-MPK	srgt environ, rec	1/4/2019	Organic	Nitrobenzene-d5	n/a	=	63	%	EPA 8270C	-88	-88	51	143	
2018/19-1	MO-OJA	srgt environ	12/28/2018	Organic	Nitrobenzene-d5	n/a	=	99.4	µg/L	EPA 625	-88	-88			
2018/19-1	MO-OJA	srgt environ, rec	12/28/2018	Organic	Nitrobenzene-d5	n/a	=	80	%	EPA 625	-88	-88	27	111	
2018/19-1	MO-OJA	srgt environ	1/4/2019	Organic	Nitrobenzene-d5	n/a	=	18.8	µg/L	EPA 8270C	-88	-88			
2018/19-1	MO-OJA	srgt environ, rec	1/4/2019	Organic	Nitrobenzene-d5	n/a	=	75	%	EPA 8270C	-88	-88	51	143	
2018/19-1	MO-oxn	srgt environ	12/29/2018	Organic	Nitrobenzene-d5	n/a	=	15.9	µg/L	EPA 625	-88	-88			
2018/19-1	MO-oxn	srgt environ, rec	12/29/2018	Organic	Nitrobenzene-d5	n/a	=	64	%	EPA 625	-88	-88	27	111	
2018/19-1	MO-oxn	srgt environ	1/4/2019	Organic	Nitrobenzene-d5	n/a	=	2.74	µg/L	EPA 8270C	-88	-88			
2018/19-1	MO-oxn	srgt environ, rec	1/4/2019	Organic	Nitrobenzene-d5	n/a	=	55	%	EPA 8270C	-88	-88	51	143	
2018/19-1	MO-SIM	srgt environ	12/29/2018	Organic	Nitrobenzene-d5	n/a	=	16.3	µg/L	EPA 625	-88	-88			

Appendix F
Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2018/19-1	MO-SIM	srgt environ, rec	12/29/2018	Organic	Nitrobenzene-d5	n/a	=	65	%	EPA 625	-88	-88	27	111	
2018/19-1	MO-SIM	srgt environ	1/4/2019	Organic	Nitrobenzene-d5	n/a	=	15.9	µg/L	EPA 8270C	-88	-88			
2018/19-1	MO-SIM	srgt environ, rec	1/4/2019	Organic	Nitrobenzene-d5	n/a	=	64	%	EPA 8270C	-88	-88	51	143	
2018/19-1	MO-SPA	srgt environ	12/29/2018	Organic	Nitrobenzene-d5	n/a	=	15	µg/L	EPA 625	-88	-88			
2018/19-1	MO-SPA	srgt environ, rec	12/29/2018	Organic	Nitrobenzene-d5	n/a	=	60	%	EPA 625	-88	-88	27	111	
2018/19-1	MO-SPA	srgt environ	1/4/2019	Organic	Nitrobenzene-d5	n/a	=	2.67	µg/L	EPA 8270C	-88	-88			
2018/19-1	MO-SPA	srgt environ, rec	1/4/2019	Organic	Nitrobenzene-d5	n/a	=	53	%	EPA 8270C	-88	-88	51	143	
2018/19-1	MO-THO	srgt environ	12/29/2018	Organic	Nitrobenzene-d5	n/a	=	13.6	µg/L	EPA 625	-88	-88			
2018/19-1	MO-THO	srgt environ, rec	12/29/2018	Organic	Nitrobenzene-d5	n/a	=	54	%	EPA 625	-88	-88	27	111	
2018/19-1	MO-THO	srgt environ	1/4/2019	Organic	Nitrobenzene-d5	n/a	=	2.83	µg/L	EPA 8270C	-88	-88			
2018/19-1	MO-THO	srgt environ, rec	1/4/2019	Organic	Nitrobenzene-d5	n/a	=	57	%	EPA 8270C	-88	-88	51	143	
2018/19-1	MO-VEN	srgt environ	12/28/2018	Organic	Nitrobenzene-d5	n/a	=	15.9	µg/L	EPA 625	-88	-88			
2018/19-1	MO-VEN	srgt environ, rec	12/28/2018	Organic	Nitrobenzene-d5	n/a	=	64	%	EPA 625	-88	-88	27	111	
2018/19-1	MO-VEN	srgt environ	1/4/2019	Organic	Nitrobenzene-d5	n/a	=	2.86	µg/L	EPA 8270C	-88	-88			
2018/19-1	MO-VEN	srgt environ, rec	1/4/2019	Organic	Nitrobenzene-d5	n/a	=	57	%	EPA 8270C	-88	-88	51	143	
2018/19-1	Lab	method blank	12/28/2018	Organic	N-Nitrosodimethylamine	n/a	<	0.14	µg/L	EPA 625	0.14	1			
2018/19-1	Lab	LCS	12/28/2018	Organic	N-Nitrosodimethylamine	n/a	=	13.7	µg/L	EPA 625	0.14	1			
2018/19-1	Lab	LCS, rec	12/28/2018	Organic	N-Nitrosodimethylamine	n/a	=	55	%	EPA 625	-88	-88	20	83	
2018/19-1	Lab	LCS dup	12/28/2018	Organic	N-Nitrosodimethylamine	n/a	=	12.7	µg/L	EPA 625	0.14	1			
2018/19-1	Lab	LCS dup, rec	12/28/2018	Organic	N-Nitrosodimethylamine	n/a	=	51	%	EPA 625	-88	-88	20	83	
2018/19-1	Lab	LCS, RPD	12/28/2018	Organic	N-Nitrosodimethylamine	n/a	=	8	%	EPA 625	-88	-88	0	30	
2018/19-1	Lab	method blank	12/28/2018	Organic	N-Nitrosodi-N-propylamine	n/a	<	0.26	µg/L	EPA 625	0.26	1			
2018/19-1	Lab	LCS	12/28/2018	Organic	N-Nitrosodi-N-propylamine	n/a	=	17	µg/L	EPA 625	0.26	1			
2018/19-1	Lab	LCS, rec	12/28/2018	Organic	N-Nitrosodi-N-propylamine	n/a	=	68	%	EPA 625	-88	-88	0.1	230	
2018/19-1	Lab	LCS dup	12/28/2018	Organic	N-Nitrosodi-N-propylamine	n/a	=	15.8	µg/L	EPA 625	0.26	1			
2018/19-1	Lab	LCS dup, rec	12/28/2018	Organic	N-Nitrosodi-N-propylamine	n/a	=	63	%	EPA 625	-88	-88	0.1	230	
2018/19-1	Lab	LCS, RPD	12/28/2018	Organic	N-Nitrosodi-N-propylamine	n/a	=	7	%	EPA 625	-88	-88	0	30	
2018/19-1	Lab	method blank	12/28/2018	Organic	N-Nitrosodiphenylamine	n/a	<	0.19	µg/L	EPA 625	0.19	1			
2018/19-1	Lab	LCS	12/28/2018	Organic	N-Nitrosodiphenylamine	n/a	=	22	µg/L	EPA 625	0.19	1			
2018/19-1	Lab	LCS, rec	12/28/2018	Organic	N-Nitrosodiphenylamine	n/a	=	88	%	EPA 625	-88	-88	42	90	
2018/19-1	Lab	LCS dup	12/28/2018	Organic	N-Nitrosodiphenylamine	n/a	=	17.5	µg/L	EPA 625	0.19	1			
2018/19-1	Lab	LCS dup, rec	12/28/2018	Organic	N-Nitrosodiphenylamine	n/a	=	70	%	EPA 625	-88	-88	42	90	
2018/19-1	Lab	LCS, RPD	12/28/2018	Organic	N-Nitrosodiphenylamine	n/a	=	23	%	EPA 625	-88	-88	0	30	
2018/19-1	Lab	srgt method blank	12/14/2018	Organic	Perylene-d12	n/a	=	4.12	µg/L	EPA 525.2	-88	-88			
2018/19-1	Lab	srgt method blank, rec	12/14/2018	Organic	Perylene-d12	n/a	=	82	%	EPA 525.2	-88	-88	50	120	
2018/19-1	Lab	srgt LCS	12/14/2018	Organic	Perylene-d12	n/a	=	4.63	µg/L	EPA 525.2	-88	-88			
2018/19-1	Lab	srgt LCS, rec	12/14/2018	Organic	Perylene-d12	n/a	=	93	%	EPA 525.2	-88	-88	50	120	
2018/19-1	Lab	srgt LCS dup	12/14/2018	Organic	Perylene-d12	n/a	=	4.63	µg/L	EPA 525.2	-88	-88			
2018/19-1	Lab	srgt LCS dup, rec	12/14/2018	Organic	Perylene-d12	n/a	=	93	%	EPA 525.2	-88	-88	50	120	
2018/19-1	ME-CC	srgt environ	12/14/2018	Organic	Perylene-d12	n/a	=	2.35	µg/L	EPA 525.2	-88	-88			GN
2018/19-1	ME-CC	srgt environ, rec	12/14/2018	Organic	Perylene-d12	n/a	=	47	%	EPA 525.2	-88	-88	50	120	GN
2018/19-1	ME-VR2	srgt environ	12/14/2018	Organic	Perylene-d12	n/a	=	3.43	µg/L	EPA 525.2	-88	-88			
2018/19-1	ME-VR2	srgt environ, rec	12/14/2018	Organic	Perylene-d12	n/a	=	69	%	EPA 525.2	-88	-88	50	120	
2018/19-1	MO-CAM	srgt environ	12/14/2018	Organic	Perylene-d12	n/a	=	6.29	µg/L	EPA 525.2	-88	-88			
2018/19-1	MO-CAM	srgt environ, rec	12/14/2018	Organic	Perylene-d12	n/a	=	63	%	EPA 525.2	-88	-88	50	120	
2018/19-1	MO-FIL	srgt environ	12/14/2018	Organic	Perylene-d12	n/a	=	3.68	µg/L	EPA 525.2	-88	-88			GN
2018/19-1	MO-FIL	srgt environ, rec	12/14/2018	Organic	Perylene-d12	n/a	=	37	%	EPA 525.2	-88	-88	50	120	GN

Appendix F
Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2018/19-1	MO-HUE	srgt environ	12/14/2018	Organic	Perylene-d12	n/a	=	1.02	µg/L	EPA 525.2	-88	-88			GN
2018/19-1	MO-HUE	srgt environ, rec	12/14/2018	Organic	Perylene-d12	n/a	=	20	%	EPA 525.2	-88	-88	50	120	GN
2018/19-1	MO-MEI	srgt environ	12/14/2018	Organic	Perylene-d12	n/a	=	6.95	µg/L	EPA 525.2	-88	-88			
2018/19-1	MO-MEI	srgt environ, rec	12/14/2018	Organic	Perylene-d12	n/a	=	70	%	EPA 525.2	-88	-88	50	120	
2018/19-1	MO-MPK	srgt environ	12/14/2018	Organic	Perylene-d12	n/a	=	2.61	µg/L	EPA 525.2	-88	-88			GN
2018/19-1	MO-MPK	srgt environ, rec	12/14/2018	Organic	Perylene-d12	n/a	=	26	%	EPA 525.2	-88	-88	50	120	GN
2018/19-1	MO-OJA	srgt environ	12/14/2018	Organic	Perylene-d12	n/a	=	2.99	µg/L	EPA 525.2	-88	-88			
2018/19-1	MO-OJA	srgt environ, rec	12/14/2018	Organic	Perylene-d12	n/a	=	60	%	EPA 525.2	-88	-88	50	120	
2018/19-1	MO-OXN	srgt environ	12/14/2018	Organic	Perylene-d12	n/a	=	6.55	µg/L	EPA 525.2	-88	-88			
2018/19-1	MO-OXN	srgt environ, rec	12/14/2018	Organic	Perylene-d12	n/a	=	66	%	EPA 525.2	-88	-88	50	120	
2018/19-1	MO-SIM	srgt environ	12/14/2018	Organic	Perylene-d12	n/a	=	1.48	µg/L	EPA 525.2	-88	-88			GN
2018/19-1	MO-SIM	srgt environ, rec	12/14/2018	Organic	Perylene-d12	n/a	=	15	%	EPA 525.2	-88	-88	50	120	GN
2018/19-1	MO-SPA	srgt environ	12/14/2018	Organic	Perylene-d12	n/a	=	4.63	µg/L	EPA 525.2	-88	-88			GN
2018/19-1	MO-SPA	srgt environ, rec	12/14/2018	Organic	Perylene-d12	n/a	=	46	%	EPA 525.2	-88	-88	50	120	GN
2018/19-1	MO-THO	srgt environ	12/14/2018	Organic	Perylene-d12	n/a	=	1.32	µg/L	EPA 525.2	-88	-88			GN
2018/19-1	MO-THO	srgt environ, rec	12/14/2018	Organic	Perylene-d12	n/a	=	13	%	EPA 525.2	-88	-88	50	120	GN
2018/19-1	MO-VEN	srgt environ	12/14/2018	Organic	Perylene-d12	n/a	=	5.65	µg/L	EPA 525.2	-88	-88			
2018/19-1	MO-VEN	srgt environ, rec	12/14/2018	Organic	Perylene-d12	n/a	=	56	%	EPA 525.2	-88	-88	50	120	
2018/19-1	Lab	method blank	12/28/2018	Organic	Phenanthrene	n/a	<	0.32	µg/L	EPA 625	0.32	1			
2018/19-1	Lab	LCS	12/28/2018	Organic	Phenanthrene	n/a	=	23.8	µg/L	EPA 625	0.32	1			
2018/19-1	Lab	LCS, rec	12/28/2018	Organic	Phenanthrene	n/a	=	95	%	EPA 625	-88	-88	54	120	
2018/19-1	Lab	LCS dup	12/28/2018	Organic	Phenanthrene	n/a	=	22.7	µg/L	EPA 625	0.32	1			
2018/19-1	Lab	LCS dup, rec	12/28/2018	Organic	Phenanthrene	n/a	=	91	%	EPA 625	-88	-88	54	120	
2018/19-1	Lab	LCS, RPD	12/28/2018	Organic	Phenanthrene	n/a	=	5	%	EPA 625	-88	-88	0	30	
2018/19-1	Lab	method blank	1/3/2019	Organic	Phenanthrene	n/a	<	0.1	µg/L	EPA 8270C	0.1	0.1			
2018/19-1	Lab	LCS	1/4/2019	Organic	Phenanthrene	n/a	=	8.81	µg/L	EPA 8270C	0.1	0.1			
2018/19-1	Lab	LCS, rec	1/4/2019	Organic	Phenanthrene	n/a	=	88	%	EPA 8270C	-88	-88	21	131	
2018/19-1	Lab	LCS dup	1/4/2019	Organic	Phenanthrene	n/a	=	9.35	µg/L	EPA 8270C	0.1	0.1			
2018/19-1	Lab	LCS dup, rec	1/4/2019	Organic	Phenanthrene	n/a	=	94	%	EPA 8270C	-88	-88	21	131	
2018/19-1	Lab	LCS, RPD	1/4/2019	Organic	Phenanthrene	n/a	=	6	%	EPA 8270C	-88	-88	0	30	
2018/19-1	Lab	method blank	1/5/2019	Organic	Phenanthrene	n/a	<	0.1	µg/L	EPA 8270C	0.1	0.1			
2018/19-1	Lab	LCS	1/5/2019	Organic	Phenanthrene	n/a	=	8.92	µg/L	EPA 8270C	0.1	0.1			
2018/19-1	Lab	LCS, rec	1/5/2019	Organic	Phenanthrene	n/a	=	89	%	EPA 8270C	-88	-88	21	131	
2018/19-1	Lab	LCS dup	1/5/2019	Organic	Phenanthrene	n/a	=	9.4	µg/L	EPA 8270C	0.1	0.1			
2018/19-1	Lab	LCS dup, rec	1/5/2019	Organic	Phenanthrene	n/a	=	94	%	EPA 8270C	-88	-88	21	131	
2018/19-1	Lab	LCS, RPD	1/5/2019	Organic	Phenanthrene	n/a	=	5	%	EPA 8270C	-88	-88	0	30	
2018/19-1	Lab	method blank	12/28/2018	Organic	Phenol	n/a	<	0.16	µg/L	EPA 625	0.16	1			
2018/19-1	Lab	LCS	12/28/2018	Organic	Phenol	n/a	=	7.36	µg/L	EPA 625	0.16	1			
2018/19-1	Lab	LCS, rec	12/28/2018	Organic	Phenol	n/a	=	29	%	EPA 625	-88	-88	5	112	
2018/19-1	Lab	LCS dup	12/28/2018	Organic	Phenol	n/a	=	7.15	µg/L	EPA 625	0.16	1			
2018/19-1	Lab	LCS dup, rec	12/28/2018	Organic	Phenol	n/a	=	29	%	EPA 625	-88	-88	5	112	
2018/19-1	Lab	LCS, RPD	12/28/2018	Organic	Phenol	n/a	=	3	%	EPA 625	-88	-88	0	30	
2018/19-1	Lab	method blank	1/2/2019	Organic	Phenol	n/a	<	0.35	µg/L	EPA 8270C	0.35	1			
2018/19-1	Lab	LCS	1/2/2019	Organic	Phenol	n/a	=	3.22	µg/L	EPA 8270C	0.35	1			
2018/19-1	Lab	LCS, rec	1/2/2019	Organic	Phenol	n/a	=	32	%	EPA 8270C	-88	-88	6	43	
2018/19-1	Lab	LCS dup	1/2/2019	Organic	Phenol	n/a	=	3.34	µg/L	EPA 8270C	0.35	1			
2018/19-1	Lab	LCS dup, rec	1/2/2019	Organic	Phenol	n/a	=	33	%	EPA 8270C	-88	-88	6	43	

Appendix F
Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2018/19-1	Lab	LCS, RPD	1/2/2019	Organic	Phenol	n/a	=	4	%	EPA 8270C	-88	-88	0	30	
2018/19-1	Lab	srgt method blank	12/28/2018	Organic	Phenol-d5	n/a	=	15.3	µg/L	EPA 625	-88	-88			
2018/19-1	Lab	srgt method blank, rec	12/28/2018	Organic	Phenol-d5	n/a	=	31	%	EPA 625	-88	-88	0.1	53	
2018/19-1	Lab	srgt LCS	12/28/2018	Organic	Phenol-d5	n/a	=	15.7	µg/L	EPA 625	-88	-88			
2018/19-1	Lab	srgt LCS, rec	12/28/2018	Organic	Phenol-d5	n/a	=	31	%	EPA 625	-88	-88	0.1	53	
2018/19-1	Lab	srgt LCS dup	12/28/2018	Organic	Phenol-d5	n/a	=	14.8	µg/L	EPA 625	-88	-88			
2018/19-1	Lab	srgt LCS dup, rec	12/28/2018	Organic	Phenol-d5	n/a	=	30	%	EPA 625	-88	-88	0.1	53	
2018/19-1	Lab	srgt method blank	1/2/2019	Organic	Phenol-d5	n/a	=	3.19	µg/L	EPA 8270C	-88	-88			
2018/19-1	Lab	srgt method blank, rec	1/2/2019	Organic	Phenol-d5	n/a	=	32	%	EPA 8270C	-88	-88	5	46	
2018/19-1	Lab	srgt LCS	1/2/2019	Organic	Phenol-d5	n/a	=	3.16	µg/L	EPA 8270C	-88	-88			
2018/19-1	Lab	srgt LCS, rec	1/2/2019	Organic	Phenol-d5	n/a	=	32	%	EPA 8270C	-88	-88	5	46	
2018/19-1	Lab	srgt LCS dup	1/2/2019	Organic	Phenol-d5	n/a	=	3.16	µg/L	EPA 8270C	-88	-88			
2018/19-1	Lab	srgt LCS dup, rec	1/2/2019	Organic	Phenol-d5	n/a	=	32	%	EPA 8270C	-88	-88	5	46	
2018/19-1	ME-CC	srgt environ	12/28/2018	Organic	Phenol-d5	n/a	=	18.4	µg/L	EPA 625	-88	-88			
2018/19-1	ME-CC	srgt environ, rec	12/28/2018	Organic	Phenol-d5	n/a	=	37	%	EPA 625	-88	-88	0.1	53	
2018/19-1	ME-CC	srgt environ	1/2/2019	Organic	Phenol-d5	n/a	=	2.99	µg/L	EPA 8270C	-88	-88			
2018/19-1	ME-CC	srgt environ, rec	1/2/2019	Organic	Phenol-d5	n/a	=	30	%	EPA 8270C	-88	-88	5	46	
2018/19-1	ME-VR2	srgt environ	12/28/2018	Organic	Phenol-d5	n/a	=	16.4	µg/L	EPA 625	-88	-88			
2018/19-1	ME-VR2	srgt environ, rec	12/28/2018	Organic	Phenol-d5	n/a	=	33	%	EPA 625	-88	-88	0.1	53	
2018/19-1	ME-VR2	srgt environ	1/2/2019	Organic	Phenol-d5	n/a	=	3.36	µg/L	EPA 8270C	-88	-88			
2018/19-1	ME-VR2	srgt environ, rec	1/2/2019	Organic	Phenol-d5	n/a	=	34	%	EPA 8270C	-88	-88	5	46	
2018/19-1	MO-CAM	srgt environ	12/28/2018	Organic	Phenol-d5	n/a	=	13.1	µg/L	EPA 625	-88	-88			
2018/19-1	MO-CAM	srgt environ, rec	12/28/2018	Organic	Phenol-d5	n/a	=	26	%	EPA 625	-88	-88	0.1	53	
2018/19-1	MO-CAM	srgt environ	1/2/2019	Organic	Phenol-d5	n/a	=	2.76	µg/L	EPA 8270C	-88	-88			
2018/19-1	MO-CAM	srgt environ, rec	1/2/2019	Organic	Phenol-d5	n/a	=	28	%	EPA 8270C	-88	-88	5	46	
2018/19-1	MO-FIL	srgt environ	12/29/2018	Organic	Phenol-d5	n/a	=	14.7	µg/L	EPA 625	-88	-88			
2018/19-1	MO-FIL	srgt environ, rec	12/29/2018	Organic	Phenol-d5	n/a	=	29	%	EPA 625	-88	-88	0.1	53	
2018/19-1	MO-FIL	srgt environ	1/2/2019	Organic	Phenol-d5	n/a	=	2.49	µg/L	EPA 8270C	-88	-88			
2018/19-1	MO-FIL	srgt environ, rec	1/2/2019	Organic	Phenol-d5	n/a	=	25	%	EPA 8270C	-88	-88	5	46	
2018/19-1	MO-HUE	srgt environ	12/29/2018	Organic	Phenol-d5	n/a	=	14.3	µg/L	EPA 625	-88	-88			
2018/19-1	MO-HUE	srgt environ, rec	12/29/2018	Organic	Phenol-d5	n/a	=	29	%	EPA 625	-88	-88	0.1	53	
2018/19-1	MO-HUE	srgt environ	1/3/2019	Organic	Phenol-d5	n/a	=	3.24	µg/L	EPA 8270C	-88	-88			
2018/19-1	MO-HUE	srgt environ, rec	1/3/2019	Organic	Phenol-d5	n/a	=	32	%	EPA 8270C	-88	-88	5	46	
2018/19-1	MO-MEI	srgt environ	12/28/2018	Organic	Phenol-d5	n/a	=	12.6	µg/L	EPA 625	-88	-88			
2018/19-1	MO-MEI	srgt environ, rec	12/28/2018	Organic	Phenol-d5	n/a	=	25	%	EPA 625	-88	-88	0.1	53	
2018/19-1	MO-MEI	srgt environ	1/2/2019	Organic	Phenol-d5	n/a	=	3.36	µg/L	EPA 8270C	-88	-88			
2018/19-1	MO-MEI	srgt environ, rec	1/2/2019	Organic	Phenol-d5	n/a	=	34	%	EPA 8270C	-88	-88	5	46	
2018/19-1	MO-MPK	srgt environ	12/29/2018	Organic	Phenol-d5	n/a	=	72.9	µg/L	EPA 625	-88	-88			
2018/19-1	MO-MPK	srgt environ, rec	12/29/2018	Organic	Phenol-d5	n/a	=	29	%	EPA 625	-88	-88	0.1	53	
2018/19-1	MO-MPK	srgt environ	1/2/2019	Organic	Phenol-d5	n/a	=	18.5	µg/L	EPA 8270C	-88	-88			
2018/19-1	MO-MPK	srgt environ, rec	1/2/2019	Organic	Phenol-d5	n/a	=	37	%	EPA 8270C	-88	-88	5	46	
2018/19-1	MO-OJA	srgt environ	12/28/2018	Organic	Phenol-d5	n/a	=	103	µg/L	EPA 625	-88	-88			
2018/19-1	MO-OJA	srgt environ, rec	12/28/2018	Organic	Phenol-d5	n/a	=	41	%	EPA 625	-88	-88	0.1	53	
2018/19-1	MO-OJA	srgt environ	1/2/2019	Organic	Phenol-d5	n/a	=	22.7	µg/L	EPA 8270C	-88	-88			
2018/19-1	MO-OJA	srgt environ, rec	1/2/2019	Organic	Phenol-d5	n/a	=	45	%	EPA 8270C	-88	-88	5	46	
2018/19-1	MO-OXN	srgt environ	12/29/2018	Organic	Phenol-d5	n/a	=	13.4	µg/L	EPA 625	-88	-88			
2018/19-1	MO-OXN	srgt environ, rec	12/29/2018	Organic	Phenol-d5	n/a	=	27	%	EPA 625	-88	-88	0.1	53	

Appendix F
Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2018/19-1	MO-OXN	srgt environ	1/2/2019	Organic	Phenol-d5	n/a	=	3.08	µg/L	EPA 8270C	-88	-88			
2018/19-1	MO-OXN	srgt environ, rec	1/2/2019	Organic	Phenol-d5	n/a	=	31	%	EPA 8270C	-88	-88	5	46	
2018/19-1	MO-SIM	srgt environ	12/29/2018	Organic	Phenol-d5	n/a	=	14.8	µg/L	EPA 625	-88	-88			
2018/19-1	MO-SIM	srgt environ, rec	12/29/2018	Organic	Phenol-d5	n/a	=	30	%	EPA 625	-88	-88	0.1	53	
2018/19-1	MO-SIM	srgt environ	1/2/2019	Organic	Phenol-d5	n/a	=	18.5	µg/L	EPA 8270C	-88	-88			
2018/19-1	MO-SIM	srgt environ, rec	1/2/2019	Organic	Phenol-d5	n/a	=	37	%	EPA 8270C	-88	-88	5	46	
2018/19-1	MO-SPA	srgt environ	12/29/2018	Organic	Phenol-d5	n/a	=	16.6	µg/L	EPA 625	-88	-88			
2018/19-1	MO-SPA	srgt environ, rec	12/29/2018	Organic	Phenol-d5	n/a	=	33	%	EPA 625	-88	-88	0.1	53	
2018/19-1	MO-SPA	srgt environ	1/2/2019	Organic	Phenol-d5	n/a	=	2.97	µg/L	EPA 8270C	-88	-88			
2018/19-1	MO-SPA	srgt environ, rec	1/2/2019	Organic	Phenol-d5	n/a	=	30	%	EPA 8270C	-88	-88	5	46	
2018/19-1	MO-THO	srgt environ	12/29/2018	Organic	Phenol-d5	n/a	=	13	µg/L	EPA 625	-88	-88			
2018/19-1	MO-THO	srgt environ, rec	12/29/2018	Organic	Phenol-d5	n/a	=	26	%	EPA 625	-88	-88	0.1	53	
2018/19-1	MO-THO	srgt environ	1/2/2019	Organic	Phenol-d5	n/a	=	3.34	µg/L	EPA 8270C	-88	-88			
2018/19-1	MO-THO	srgt environ, rec	1/2/2019	Organic	Phenol-d5	n/a	=	33	%	EPA 8270C	-88	-88	5	46	
2018/19-1	MO-VEN	srgt environ	12/28/2018	Organic	Phenol-d5	n/a	=	17.3	µg/L	EPA 625	-88	-88			
2018/19-1	MO-VEN	srgt environ, rec	12/28/2018	Organic	Phenol-d5	n/a	=	35	%	EPA 625	-88	-88	0.1	53	
2018/19-1	MO-VEN	srgt environ	1/2/2019	Organic	Phenol-d5	n/a	=	3.6	µg/L	EPA 8270C	-88	-88			
2018/19-1	MO-VEN	srgt environ, rec	1/2/2019	Organic	Phenol-d5	n/a	=	36	%	EPA 8270C	-88	-88	5	46	
2018/19-1	Lab	srgt method blank	12/28/2018	Organic	p-Terphenyl-d14	n/a	=	20.1	µg/L	EPA 625	-88	-88			
2018/19-1	Lab	srgt method blank, rec	12/28/2018	Organic	p-Terphenyl-d14	n/a	=	80	%	EPA 625	-88	-88	28	113	
2018/19-1	Lab	srgt LCS	12/28/2018	Organic	p-Terphenyl-d14	n/a	=	19	µg/L	EPA 625	-88	-88			
2018/19-1	Lab	srgt LCS, rec	12/28/2018	Organic	p-Terphenyl-d14	n/a	=	76	%	EPA 625	-88	-88	28	113	
2018/19-1	Lab	srgt LCS dup	12/28/2018	Organic	p-Terphenyl-d14	n/a	=	21	µg/L	EPA 625	-88	-88			
2018/19-1	Lab	srgt LCS dup, rec	12/28/2018	Organic	p-Terphenyl-d14	n/a	=	84	%	EPA 625	-88	-88	28	113	
2018/19-1	Lab	srgt method blank	1/3/2019	Organic	p-Terphenyl-d14	n/a	=	5.02	µg/L	EPA 8270C	-88	-88			
2018/19-1	Lab	srgt method blank, rec	1/3/2019	Organic	p-Terphenyl-d14	n/a	=	100	%	EPA 8270C	-88	-88	19	134	
2018/19-1	Lab	srgt LCS	1/4/2019	Organic	p-Terphenyl-d14	n/a	=	5.5	µg/L	EPA 8270C	-88	-88			
2018/19-1	Lab	srgt LCS, rec	1/4/2019	Organic	p-Terphenyl-d14	n/a	=	110	%	EPA 8270C	-88	-88	19	134	
2018/19-1	Lab	srgt LCS dup	1/4/2019	Organic	p-Terphenyl-d14	n/a	=	5.62	µg/L	EPA 8270C	-88	-88			
2018/19-1	Lab	srgt LCS dup, rec	1/4/2019	Organic	p-Terphenyl-d14	n/a	=	112	%	EPA 8270C	-88	-88	19	134	
2018/19-1	Lab	srgt method blank	1/5/2019	Organic	p-Terphenyl-d14	n/a	=	4.24	µg/L	EPA 8270C	-88	-88			
2018/19-1	Lab	srgt method blank, rec	1/5/2019	Organic	p-Terphenyl-d14	n/a	=	85	%	EPA 8270C	-88	-88	19	134	
2018/19-1	Lab	srgt LCS	1/5/2019	Organic	p-Terphenyl-d14	n/a	=	4.48	µg/L	EPA 8270C	-88	-88			
2018/19-1	Lab	srgt LCS, rec	1/5/2019	Organic	p-Terphenyl-d14	n/a	=	90	%	EPA 8270C	-88	-88	19	134	
2018/19-1	Lab	srgt LCS dup	1/5/2019	Organic	p-Terphenyl-d14	n/a	=	4.49	µg/L	EPA 8270C	-88	-88			
2018/19-1	Lab	srgt LCS dup, rec	1/5/2019	Organic	p-Terphenyl-d14	n/a	=	90	%	EPA 8270C	-88	-88	19	134	
2018/19-1	ME-CC	srgt environ	12/28/2018	Organic	p-Terphenyl-d14	n/a	=	7.27	µg/L	EPA 625	-88	-88			
2018/19-1	ME-CC	srgt environ, rec	12/28/2018	Organic	p-Terphenyl-d14	n/a	=	29	%	EPA 625	-88	-88	28	113	
2018/19-1	ME-CC	srgt environ	1/4/2019	Organic	p-Terphenyl-d14	n/a	=	5.05	µg/L	EPA 8270C	-88	-88			
2018/19-1	ME-CC	srgt environ, rec	1/4/2019	Organic	p-Terphenyl-d14	n/a	=	101	%	EPA 8270C	-88	-88	19	134	
2018/19-1	ME-VR2	srgt environ	12/28/2018	Organic	p-Terphenyl-d14	n/a	=	21.2	µg/L	EPA 625	-88	-88			
2018/19-1	ME-VR2	srgt environ, rec	12/28/2018	Organic	p-Terphenyl-d14	n/a	=	85	%	EPA 625	-88	-88	28	113	
2018/19-1	ME-VR2	srgt environ	1/4/2019	Organic	p-Terphenyl-d14	n/a	=	5.54	µg/L	EPA 8270C	-88	-88			
2018/19-1	ME-VR2	srgt environ, rec	1/4/2019	Organic	p-Terphenyl-d14	n/a	=	111	%	EPA 8270C	-88	-88	19	134	
2018/19-1	MO-CAM	srgt environ	12/28/2018	Organic	p-Terphenyl-d14	n/a	=	14	µg/L	EPA 625	-88	-88			
2018/19-1	MO-CAM	srgt environ, rec	12/28/2018	Organic	p-Terphenyl-d14	n/a	=	56	%	EPA 625	-88	-88	28	113	
2018/19-1	MO-CAM	srgt environ	1/4/2019	Organic	p-Terphenyl-d14	n/a	=	4.07	µg/L	EPA 8270C	-88	-88			

Appendix F
Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2018/19-1	MO-CAM	srgt environ, rec	1/4/2019	Organic	p-Terphenyl-d14	n/a	=	81	%	EPA 8270C	-88	-88	19	134	
2018/19-1	MO-FIL	srgt environ	12/29/2018	Organic	p-Terphenyl-d14	n/a	=	18.3	µg/L	EPA 625	-88	-88			
2018/19-1	MO-FIL	srgt environ, rec	12/29/2018	Organic	p-Terphenyl-d14	n/a	=	73	%	EPA 625	-88	-88	28	113	
2018/19-1	MO-FIL	srgt environ	1/4/2019	Organic	p-Terphenyl-d14	n/a	=	4.45	µg/L	EPA 8270C	-88	-88			
2018/19-1	MO-FIL	srgt environ, rec	1/4/2019	Organic	p-Terphenyl-d14	n/a	=	89	%	EPA 8270C	-88	-88	19	134	
2018/19-1	MO-HUE	srgt environ	12/29/2018	Organic	p-Terphenyl-d14	n/a	=	20.1	µg/L	EPA 625	-88	-88			
2018/19-1	MO-HUE	srgt environ, rec	12/29/2018	Organic	p-Terphenyl-d14	n/a	=	80	%	EPA 625	-88	-88	28	113	
2018/19-1	MO-HUE	srgt environ	1/4/2019	Organic	p-Terphenyl-d14	n/a	=	4.64	µg/L	EPA 8270C	-88	-88			
2018/19-1	MO-HUE	srgt environ, rec	1/4/2019	Organic	p-Terphenyl-d14	n/a	=	93	%	EPA 8270C	-88	-88	19	134	
2018/19-1	MO-MEI	srgt environ	12/28/2018	Organic	p-Terphenyl-d14	n/a	=	17	µg/L	EPA 625	-88	-88			
2018/19-1	MO-MEI	srgt environ, rec	12/28/2018	Organic	p-Terphenyl-d14	n/a	=	68	%	EPA 625	-88	-88	28	113	
2018/19-1	MO-MEI	srgt environ	1/4/2019	Organic	p-Terphenyl-d14	n/a	=	4.58	µg/L	EPA 8270C	-88	-88			
2018/19-1	MO-MEI	srgt environ, rec	1/4/2019	Organic	p-Terphenyl-d14	n/a	=	92	%	EPA 8270C	-88	-88	19	134	
2018/19-1	MO-MPK	srgt environ	12/29/2018	Organic	p-Terphenyl-d14	n/a	=	83	µg/L	EPA 625	-88	-88			
2018/19-1	MO-MPK	srgt environ, rec	12/29/2018	Organic	p-Terphenyl-d14	n/a	=	66	%	EPA 625	-88	-88	28	113	
2018/19-1	MO-MPK	srgt environ	1/4/2019	Organic	p-Terphenyl-d14	n/a	=	21.9	µg/L	EPA 8270C	-88	-88			
2018/19-1	MO-MPK	srgt environ, rec	1/4/2019	Organic	p-Terphenyl-d14	n/a	=	88	%	EPA 8270C	-88	-88	19	134	
2018/19-1	MO-OJA	srgt environ	12/28/2018	Organic	p-Terphenyl-d14	n/a	=	102	µg/L	EPA 625	-88	-88			
2018/19-1	MO-OJA	srgt environ, rec	12/28/2018	Organic	p-Terphenyl-d14	n/a	=	81	%	EPA 625	-88	-88	28	113	
2018/19-1	MO-OJA	srgt environ	1/4/2019	Organic	p-Terphenyl-d14	n/a	=	26	µg/L	EPA 8270C	-88	-88			
2018/19-1	MO-OJA	srgt environ, rec	1/4/2019	Organic	p-Terphenyl-d14	n/a	=	104	%	EPA 8270C	-88	-88	19	134	
2018/19-1	MO-OXN	srgt environ	12/29/2018	Organic	p-Terphenyl-d14	n/a	=	18.8	µg/L	EPA 625	-88	-88			
2018/19-1	MO-OXN	srgt environ, rec	12/29/2018	Organic	p-Terphenyl-d14	n/a	=	75	%	EPA 625	-88	-88	28	113	
2018/19-1	MO-OXN	srgt environ	1/4/2019	Organic	p-Terphenyl-d14	n/a	=	4.43	µg/L	EPA 8270C	-88	-88			
2018/19-1	MO-OXN	srgt environ, rec	1/4/2019	Organic	p-Terphenyl-d14	n/a	=	89	%	EPA 8270C	-88	-88	19	134	
2018/19-1	MO-SIM	srgt environ	12/29/2018	Organic	p-Terphenyl-d14	n/a	=	17.8	µg/L	EPA 625	-88	-88			
2018/19-1	MO-SIM	srgt environ, rec	12/29/2018	Organic	p-Terphenyl-d14	n/a	=	71	%	EPA 625	-88	-88	28	113	
2018/19-1	MO-SIM	srgt environ	1/4/2019	Organic	p-Terphenyl-d14	n/a	=	26.3	µg/L	EPA 8270C	-88	-88			
2018/19-1	MO-SIM	srgt environ, rec	1/4/2019	Organic	p-Terphenyl-d14	n/a	=	105	%	EPA 8270C	-88	-88	19	134	
2018/19-1	MO-SPA	srgt environ	12/29/2018	Organic	p-Terphenyl-d14	n/a	=	17.2	µg/L	EPA 625	-88	-88			
2018/19-1	MO-SPA	srgt environ, rec	12/29/2018	Organic	p-Terphenyl-d14	n/a	=	69	%	EPA 625	-88	-88	28	113	
2018/19-1	MO-SPA	srgt environ	1/4/2019	Organic	p-Terphenyl-d14	n/a	=	4.41	µg/L	EPA 8270C	-88	-88			
2018/19-1	MO-SPA	srgt environ, rec	1/4/2019	Organic	p-Terphenyl-d14	n/a	=	88	%	EPA 8270C	-88	-88	19	134	
2018/19-1	MO-THO	srgt environ	12/29/2018	Organic	p-Terphenyl-d14	n/a	=	15.7	µg/L	EPA 625	-88	-88			
2018/19-1	MO-THO	srgt environ, rec	12/29/2018	Organic	p-Terphenyl-d14	n/a	=	63	%	EPA 625	-88	-88	28	113	
2018/19-1	MO-THO	srgt environ	1/4/2019	Organic	p-Terphenyl-d14	n/a	=	4.49	µg/L	EPA 8270C	-88	-88			
2018/19-1	MO-THO	srgt environ, rec	1/4/2019	Organic	p-Terphenyl-d14	n/a	=	90	%	EPA 8270C	-88	-88	19	134	
2018/19-1	MO-VEN	srgt environ	12/28/2018	Organic	p-Terphenyl-d14	n/a	=	17.3	µg/L	EPA 625	-88	-88			
2018/19-1	MO-VEN	srgt environ, rec	12/28/2018	Organic	p-Terphenyl-d14	n/a	=	69	%	EPA 625	-88	-88	28	113	
2018/19-1	MO-VEN	srgt environ	1/4/2019	Organic	p-Terphenyl-d14	n/a	=	4.7	µg/L	EPA 8270C	-88	-88			
2018/19-1	MO-VEN	srgt environ, rec	1/4/2019	Organic	p-Terphenyl-d14	n/a	=	94	%	EPA 8270C	-88	-88	19	134	
2018/19-1	Lab	method blank	12/28/2018	Organic	Pyrene	n/a	<	0.25	µg/L	EPA 625	0.25	1			
2018/19-1	Lab	LCS	12/28/2018	Organic	Pyrene	n/a	=	20.1	µg/L	EPA 625	0.25	1			
2018/19-1	Lab	LCS, rec	12/28/2018	Organic	Pyrene	n/a	=	80	%	EPA 625	-88	-88	52	115	
2018/19-1	Lab	LCS dup	12/28/2018	Organic	Pyrene	n/a	=	23.8	µg/L	EPA 625	0.25	1			
2018/19-1	Lab	LCS dup, rec	12/28/2018	Organic	Pyrene	n/a	=	95	%	EPA 625	-88	-88	52	115	
2018/19-1	Lab	LCS, RPD	12/28/2018	Organic	Pyrene	n/a	=	17	%	EPA 625	-88	-88	0	30	

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Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2018/19-1	Lab	method blank	1/3/2019	Organic	Pyrene	n/a	<	0.1	µg/L	EPA 8270C	0.1	0.1			
2018/19-1	Lab	LCS	1/4/2019	Organic	Pyrene	n/a	=	10.7	µg/L	EPA 8270C	0.1	0.1			
2018/19-1	Lab	LCS, rec	1/4/2019	Organic	Pyrene	n/a	=	107	%	EPA 8270C	-88	-88	26	128	
2018/19-1	Lab	LCS dup	1/4/2019	Organic	Pyrene	n/a	=	11.3	µg/L	EPA 8270C	0.1	0.1			
2018/19-1	Lab	LCS dup, rec	1/4/2019	Organic	Pyrene	n/a	=	113	%	EPA 8270C	-88	-88	26	128	
2018/19-1	Lab	LCS, RPD	1/4/2019	Organic	Pyrene	n/a	=	6	%	EPA 8270C	-88	-88	0	30	
2018/19-1	Lab	method blank	1/5/2019	Organic	Pyrene	n/a	<	0.1	µg/L	EPA 8270C	0.1	0.1			
2018/19-1	Lab	LCS	1/5/2019	Organic	Pyrene	n/a	=	9.4	µg/L	EPA 8270C	0.1	0.1			
2018/19-1	Lab	LCS, rec	1/5/2019	Organic	Pyrene	n/a	=	94	%	EPA 8270C	-88	-88	26	128	
2018/19-1	Lab	LCS dup	1/5/2019	Organic	Pyrene	n/a	=	10	µg/L	EPA 8270C	0.1	0.1			
2018/19-1	Lab	LCS dup, rec	1/5/2019	Organic	Pyrene	n/a	=	100	%	EPA 8270C	-88	-88	26	128	
2018/19-1	Lab	LCS, RPD	1/5/2019	Organic	Pyrene	n/a	=	7	%	EPA 8270C	-88	-88	0	30	
2018/19-1	000NONPJ	srgt matrix spike	12/19/2018	Organic	Tetrachloro-m-xylene (TCMX)	n/a	=	0.0394	µg/L	EPA 608	-88	-88			
2018/19-1	000NONPJ	srgt matrix spike, rec	12/19/2018	Organic	Tetrachloro-m-xylene (TCMX)	n/a	=	39	%	EPA 608	-88	-88	35	111	
2018/19-1	000NONPJ	srgt matrix spike dup	12/19/2018	Organic	Tetrachloro-m-xylene (TCMX)	n/a	=	0.036	µg/L	EPA 608	-88	-88			
2018/19-1	000NONPJ	srgt matrix spike dup, rec	12/19/2018	Organic	Tetrachloro-m-xylene (TCMX)	n/a	=	36	%	EPA 608	-88	-88	35	111	
2018/19-1	Lab	srgt method blank	12/19/2018	Organic	Tetrachloro-m-xylene (TCMX)	n/a	=	0.0645	µg/L	EPA 608	-88	-88			
2018/19-1	Lab	srgt method blank, rec	12/19/2018	Organic	Tetrachloro-m-xylene (TCMX)	n/a	=	64	%	EPA 608	-88	-88	35	111	
2018/19-1	Lab	srgt LCS	12/19/2018	Organic	Tetrachloro-m-xylene (TCMX)	n/a	=	0.106	µg/L	EPA 608	-88	-88			
2018/19-1	Lab	srgt LCS, rec	12/19/2018	Organic	Tetrachloro-m-xylene (TCMX)	n/a	=	106	%	EPA 608	-88	-88	35	111	
2018/19-1	ME-CC	srgt environ	12/19/2018	Organic	Tetrachloro-m-xylene (TCMX)	n/a	=	0.0511	µg/L	EPA 608	-88	-88			
2018/19-1	ME-CC	srgt environ, rec	12/19/2018	Organic	Tetrachloro-m-xylene (TCMX)	n/a	=	51	%	EPA 608	-88	-88	35	111	
2018/19-1	ME-VR2	srgt environ	12/20/2018	Organic	Tetrachloro-m-xylene (TCMX)	n/a	=	0.0574	µg/L	EPA 608	-88	-88			
2018/19-1	ME-VR2	srgt environ, rec	12/20/2018	Organic	Tetrachloro-m-xylene (TCMX)	n/a	=	57	%	EPA 608	-88	-88	35	111	
2018/19-1	MO-CAM	srgt environ	12/20/2018	Organic	Tetrachloro-m-xylene (TCMX)	n/a	=	0.0846	µg/L	EPA 608	-88	-88			
2018/19-1	MO-CAM	srgt environ, rec	12/20/2018	Organic	Tetrachloro-m-xylene (TCMX)	n/a	=	85	%	EPA 608	-88	-88	35	111	
2018/19-1	MO-FIL	srgt environ	12/20/2018	Organic	Tetrachloro-m-xylene (TCMX)	n/a	=	0.0554	µg/L	EPA 608	-88	-88			
2018/19-1	MO-FIL	srgt environ, rec	12/20/2018	Organic	Tetrachloro-m-xylene (TCMX)	n/a	=	55	%	EPA 608	-88	-88	35	111	
2018/19-1	MO-HUE	srgt environ	12/20/2018	Organic	Tetrachloro-m-xylene (TCMX)	n/a	=	0.0552	µg/L	EPA 608	-88	-88			
2018/19-1	MO-HUE	srgt environ, rec	12/20/2018	Organic	Tetrachloro-m-xylene (TCMX)	n/a	=	55	%	EPA 608	-88	-88	35	111	
2018/19-1	MO-MEI	srgt environ	12/20/2018	Organic	Tetrachloro-m-xylene (TCMX)	n/a	=	0.0565	µg/L	EPA 608	-88	-88			
2018/19-1	MO-MEI	srgt environ, rec	12/20/2018	Organic	Tetrachloro-m-xylene (TCMX)	n/a	=	57	%	EPA 608	-88	-88	35	111	
2018/19-1	MO-MPK	srgt environ	12/20/2018	Organic	Tetrachloro-m-xylene (TCMX)	n/a	=	0.0503	µg/L	EPA 608	-88	-88			
2018/19-1	MO-MPK	srgt environ, rec	12/20/2018	Organic	Tetrachloro-m-xylene (TCMX)	n/a	=	50	%	EPA 608	-88	-88	35	111	
2018/19-1	MO-OJA	srgt environ	12/20/2018	Organic	Tetrachloro-m-xylene (TCMX)	n/a	=	0.0649	µg/L	EPA 608	-88	-88			
2018/19-1	MO-OJA	srgt environ, rec	12/20/2018	Organic	Tetrachloro-m-xylene (TCMX)	n/a	=	65	%	EPA 608	-88	-88	35	111	
2018/19-1	MO-OXN	srgt environ	12/20/2018	Organic	Tetrachloro-m-xylene (TCMX)	n/a	=	0.0729	µg/L	EPA 608	-88	-88			
2018/19-1	MO-OXN	srgt environ, rec	12/20/2018	Organic	Tetrachloro-m-xylene (TCMX)	n/a	=	73	%	EPA 608	-88	-88	35	111	
2018/19-1	MO-SIM	srgt environ	12/20/2018	Organic	Tetrachloro-m-xylene (TCMX)	n/a	=	0.0623	µg/L	EPA 608	-88	-88			
2018/19-1	MO-SIM	srgt environ, rec	12/20/2018	Organic	Tetrachloro-m-xylene (TCMX)	n/a	=	62	%	EPA 608	-88	-88	35	111	
2018/19-1	MO-SPA	srgt environ	12/20/2018	Organic	Tetrachloro-m-xylene (TCMX)	n/a	=	0.076	µg/L	EPA 608	-88	-88			
2018/19-1	MO-SPA	srgt environ, rec	12/20/2018	Organic	Tetrachloro-m-xylene (TCMX)	n/a	=	76	%	EPA 608	-88	-88	35	111	
2018/19-1	MO-THO	srgt environ	12/20/2018	Organic	Tetrachloro-m-xylene (TCMX)	n/a	=	0.0533	µg/L	EPA 608	-88	-88			
2018/19-1	MO-THO	srgt environ, rec	12/20/2018	Organic	Tetrachloro-m-xylene (TCMX)	n/a	=	53	%	EPA 608	-88	-88	35	111	
2018/19-1	MO-VEN	srgt environ	12/20/2018	Organic	Tetrachloro-m-xylene (TCMX)	n/a	=	0.0507	µg/L	EPA 608	-88	-88			
2018/19-1	MO-VEN	srgt environ, rec	12/20/2018	Organic	Tetrachloro-m-xylene (TCMX)	n/a	=	51	%	EPA 608	-88	-88	35	111	
2018/19-1	Lab	srgt LCS	11/26/2018	Organic	Toluene-d8	n/a	=	51.7	µg/L	EPA 624	-88	-88			

Appendix F
Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2018/19-1	Lab	srgt LCS, rec	11/26/2018	Organic	Toluene-d8	n/a	=	103	%	EPA 624	-88	-88	92	112	
2018/19-1	Lab	srgt LCS dup	11/26/2018	Organic	Toluene-d8	n/a	=	51.9	µg/L	EPA 624	-88	-88			
2018/19-1	Lab	srgt LCS dup, rec	11/26/2018	Organic	Toluene-d8	n/a	=	104	%	EPA 624	-88	-88	92	112	
2018/19-1	Lab	srgt method blank	11/26/2018	Organic	Toluene-d8	n/a	=	50	µg/L	EPA 624	-88	-88			
2018/19-1	Lab	srgt method blank, rec	11/26/2018	Organic	Toluene-d8	n/a	=	100	%	EPA 624	-88	-88	92	112	
2018/19-1	ME-CC	srgt environ	11/26/2018	Organic	Toluene-d8	n/a	=	49.8	µg/L	EPA 624	-88	-88			
2018/19-1	ME-CC	srgt environ, rec	11/26/2018	Organic	Toluene-d8	n/a	=	100	%	EPA 624	-88	-88	92	112	
2018/19-1	ME-VR2	srgt environ	11/26/2018	Organic	Toluene-d8	n/a	=	50.8	µg/L	EPA 624	-88	-88			
2018/19-1	ME-VR2	srgt environ, rec	11/26/2018	Organic	Toluene-d8	n/a	=	102	%	EPA 624	-88	-88	92	112	
2018/19-1	MO-CAM	srgt environ	11/26/2018	Organic	Toluene-d8	n/a	=	49.8	µg/L	EPA 624	-88	-88			
2018/19-1	MO-CAM	srgt environ, rec	11/26/2018	Organic	Toluene-d8	n/a	=	100	%	EPA 624	-88	-88	92	112	
2018/19-1	MO-CAM	srgt environ	11/26/2018	Organic	Toluene-d8	n/a	=	51	µg/L	EPA 624	-88	-88			
2018/19-1	MO-CAM	srgt environ, rec	11/26/2018	Organic	Toluene-d8	n/a	=	102	%	EPA 624	-88	-88	92	112	
2018/19-1	MO-FIL	srgt environ	11/26/2018	Organic	Toluene-d8	n/a	=	49.1	µg/L	EPA 624	-88	-88			
2018/19-1	MO-FIL	srgt environ, rec	11/26/2018	Organic	Toluene-d8	n/a	=	98	%	EPA 624	-88	-88	92	112	
2018/19-1	MO-HUE	srgt environ	11/26/2018	Organic	Toluene-d8	n/a	=	49	µg/L	EPA 624	-88	-88			
2018/19-1	MO-HUE	srgt environ, rec	11/26/2018	Organic	Toluene-d8	n/a	=	98	%	EPA 624	-88	-88	92	112	
2018/19-1	MO-MEI	srgt environ	11/26/2018	Organic	Toluene-d8	n/a	=	51	µg/L	EPA 624	-88	-88			
2018/19-1	MO-MEI	srgt environ, rec	11/26/2018	Organic	Toluene-d8	n/a	=	102	%	EPA 624	-88	-88	92	112	
2018/19-1	MO-MPK	srgt environ	11/26/2018	Organic	Toluene-d8	n/a	=	56.8	µg/L	EPA 624	-88	-88			GN
2018/19-1	MO-MPK	srgt environ, rec	11/26/2018	Organic	Toluene-d8	n/a	=	114	%	EPA 624	-88	-88	92	112	GN
2018/19-1	MO-OJA	srgt environ	11/26/2018	Organic	Toluene-d8	n/a	=	50.4	µg/L	EPA 624	-88	-88			
2018/19-1	MO-OJA	srgt environ, rec	11/26/2018	Organic	Toluene-d8	n/a	=	101	%	EPA 624	-88	-88	92	112	
2018/19-1	MO-OXN	srgt environ	11/26/2018	Organic	Toluene-d8	n/a	=	50.4	µg/L	EPA 624	-88	-88			
2018/19-1	MO-OXN	srgt environ, rec	11/26/2018	Organic	Toluene-d8	n/a	=	101	%	EPA 624	-88	-88	92	112	
2018/19-1	MO-SIM	srgt environ	11/26/2018	Organic	Toluene-d8	n/a	=	50.2	µg/L	EPA 624	-88	-88			
2018/19-1	MO-SIM	srgt environ, rec	11/26/2018	Organic	Toluene-d8	n/a	=	100	%	EPA 624	-88	-88	92	112	
2018/19-1	MO-VEN	srgt environ	11/26/2018	Organic	Toluene-d8	n/a	=	50	µg/L	EPA 624	-88	-88			
2018/19-1	MO-VEN	srgt environ, rec	11/26/2018	Organic	Toluene-d8	n/a	=	100	%	EPA 624	-88	-88	92	112	
2018/19-1	000NONPJ	srgt matrix spike dup	1/3/2019	Organic	Triphenylphosphate	n/a	=	1.08	µg/L	EPA 525.2m	-88	-88			GN
2018/19-1	000NONPJ	srgt matrix spike dup, rec	1/3/2019	Organic	Triphenylphosphate	n/a	=	215	%	EPA 525.2m	-88	-88	40	163	GN
2018/19-1	000NONPJ	srgt matrix spike	1/3/2019	Organic	Triphenylphosphate	n/a	=	1.01	µg/L	EPA 525.2m	-88	-88			GN
2018/19-1	000NONPJ	srgt matrix spike, rec	1/3/2019	Organic	Triphenylphosphate	n/a	=	201	%	EPA 525.2m	-88	-88	40	163	GN
2018/19-1	Lab	srgt method blank	12/12/2018	Organic	Triphenylphosphate	n/a	=	0.467	µg/L	EPA 525.2m	-88	-88			
2018/19-1	Lab	srgt method blank, rec	12/12/2018	Organic	Triphenylphosphate	n/a	=	93	%	EPA 525.2m	-88	-88	40	163	
2018/19-1	Lab	srgt LCS	12/12/2018	Organic	Triphenylphosphate	n/a	=	0.528	µg/L	EPA 525.2m	-88	-88			
2018/19-1	Lab	srgt LCS, rec	12/12/2018	Organic	Triphenylphosphate	n/a	=	106	%	EPA 525.2m	-88	-88	40	163	
2018/19-1	Lab	srgt method blank	12/14/2018	Organic	Triphenylphosphate	n/a	=	4.24	µg/L	EPA 525.2	-88	-88			
2018/19-1	Lab	srgt method blank, rec	12/14/2018	Organic	Triphenylphosphate	n/a	=	85	%	EPA 525.2	-88	-88	70	130	
2018/19-1	Lab	srgt LCS	12/14/2018	Organic	Triphenylphosphate	n/a	=	5.42	µg/L	EPA 525.2	-88	-88			
2018/19-1	Lab	srgt LCS, rec	12/14/2018	Organic	Triphenylphosphate	n/a	=	108	%	EPA 525.2	-88	-88	70	130	
2018/19-1	Lab	srgt LCS dup	12/14/2018	Organic	Triphenylphosphate	n/a	=	5.55	µg/L	EPA 525.2	-88	-88			
2018/19-1	Lab	srgt LCS dup, rec	12/14/2018	Organic	Triphenylphosphate	n/a	=	111	%	EPA 525.2	-88	-88	70	130	
2018/19-1	Lab	srgt method blank	1/3/2019	Organic	Triphenylphosphate	n/a	=	0.553	µg/L	EPA 525.2m	-88	-88			
2018/19-1	Lab	srgt method blank, rec	1/3/2019	Organic	Triphenylphosphate	n/a	=	111	%	EPA 525.2m	-88	-88	40	163	
2018/19-1	Lab	srgt LCS	1/3/2019	Organic	Triphenylphosphate	n/a	=	0.775	µg/L	EPA 525.2m	-88	-88			
2018/19-1	Lab	srgt LCS, rec	1/3/2019	Organic	Triphenylphosphate	n/a	=	155	%	EPA 525.2m	-88	-88	40	163	

Appendix F
Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2018/19-1	ME-CC	srgt environ	12/14/2018	Organic	Triphenylphosphate	n/a	=	6.05	µg/L	EPA 525.2	-88	-88			
2018/19-1	ME-CC	srgt environ, rec	12/14/2018	Organic	Triphenylphosphate	n/a	=	121	%	EPA 525.2	-88	-88	70	130	
2018/19-1	ME-CC	srgt environ	1/3/2019	Organic	Triphenylphosphate	n/a	=	2.11	µg/L	EPA 525.2m	-88	-88			GN
2018/19-1	ME-CC	srgt environ, rec	1/3/2019	Organic	Triphenylphosphate	n/a	=	423	%	EPA 525.2m	-88	-88	40	163	GN
2018/19-1	ME-VR2	srgt environ	12/12/2018	Organic	Triphenylphosphate	n/a	=	0.673	µg/L	EPA 525.2m	-88	-88			
2018/19-1	ME-VR2	srgt environ, rec	12/12/2018	Organic	Triphenylphosphate	n/a	=	135	%	EPA 525.2m	-88	-88	40	163	
2018/19-1	ME-VR2	srgt environ	12/14/2018	Organic	Triphenylphosphate	n/a	=	6.13	µg/L	EPA 525.2	-88	-88			
2018/19-1	ME-VR2	srgt environ, rec	12/14/2018	Organic	Triphenylphosphate	n/a	=	123	%	EPA 525.2	-88	-88	70	130	
2018/19-1	MO-CAM	srgt environ	12/12/2018	Organic	Triphenylphosphate	n/a	=	1.07	µg/L	EPA 525.2m	-88	-88			
2018/19-1	MO-CAM	srgt environ, rec	12/12/2018	Organic	Triphenylphosphate	n/a	=	107	%	EPA 525.2m	-88	-88	40	163	
2018/19-1	MO-CAM	srgt environ	12/14/2018	Organic	Triphenylphosphate	n/a	=	12.7	µg/L	EPA 525.2	-88	-88			
2018/19-1	MO-CAM	srgt environ, rec	12/14/2018	Organic	Triphenylphosphate	n/a	=	127	%	EPA 525.2	-88	-88	70	130	
2018/19-1	MO-FIL	srgt environ	12/12/2018	Organic	Triphenylphosphate	n/a	=	1.2	µg/L	EPA 525.2m	-88	-88			
2018/19-1	MO-FIL	srgt environ, rec	12/12/2018	Organic	Triphenylphosphate	n/a	=	120	%	EPA 525.2m	-88	-88	40	163	
2018/19-1	MO-FIL	srgt environ	12/14/2018	Organic	Triphenylphosphate	n/a	=	12.3	µg/L	EPA 525.2	-88	-88			
2018/19-1	MO-FIL	srgt environ, rec	12/14/2018	Organic	Triphenylphosphate	n/a	=	123	%	EPA 525.2	-88	-88	70	130	
2018/19-1	MO-HUE	srgt environ	12/12/2018	Organic	Triphenylphosphate	n/a	=	0.733	µg/L	EPA 525.2m	-88	-88			
2018/19-1	MO-HUE	srgt environ, rec	12/12/2018	Organic	Triphenylphosphate	n/a	=	147	%	EPA 525.2m	-88	-88	40	163	
2018/19-1	MO-HUE	srgt environ	12/14/2018	Organic	Triphenylphosphate	n/a	=	6.37	µg/L	EPA 525.2	-88	-88			
2018/19-1	MO-HUE	srgt environ, rec	12/14/2018	Organic	Triphenylphosphate	n/a	=	127	%	EPA 525.2	-88	-88	70	130	
2018/19-1	MO-MEI	srgt environ	12/12/2018	Organic	Triphenylphosphate	n/a	=	1.15	µg/L	EPA 525.2m	-88	-88			
2018/19-1	MO-MEI	srgt environ, rec	12/12/2018	Organic	Triphenylphosphate	n/a	=	115	%	EPA 525.2m	-88	-88	40	163	
2018/19-1	MO-MEI	srgt environ	12/14/2018	Organic	Triphenylphosphate	n/a	=	13.3	µg/L	EPA 525.2	-88	-88			GN
2018/19-1	MO-MEI	srgt environ, rec	12/14/2018	Organic	Triphenylphosphate	n/a	=	133	%	EPA 525.2	-88	-88	70	130	GN
2018/19-1	MO-MPK	srgt environ	12/14/2018	Organic	Triphenylphosphate	n/a	=	13.2	µg/L	EPA 525.2	-88	-88			GN
2018/19-1	MO-MPK	srgt environ, rec	12/14/2018	Organic	Triphenylphosphate	n/a	=	132	%	EPA 525.2	-88	-88	70	130	GN
2018/19-1	MO-MPK	srgt environ	1/3/2019	Organic	Triphenylphosphate	n/a	=	1.58	µg/L	EPA 525.2m	-88	-88			
2018/19-1	MO-MPK	srgt environ, rec	1/3/2019	Organic	Triphenylphosphate	n/a	=	158	%	EPA 525.2m	-88	-88	40	163	
2018/19-1	MO-OJA	srgt environ	12/12/2018	Organic	Triphenylphosphate	n/a	=	1.1	µg/L	EPA 525.2m	-88	-88			
2018/19-1	MO-OJA	srgt environ, rec	12/12/2018	Organic	Triphenylphosphate	n/a	=	110	%	EPA 525.2m	-88	-88	40	163	
2018/19-1	MO-OJA	srgt environ	12/14/2018	Organic	Triphenylphosphate	n/a	=	6.33	µg/L	EPA 525.2	-88	-88			
2018/19-1	MO-OJA	srgt environ, rec	12/14/2018	Organic	Triphenylphosphate	n/a	=	127	%	EPA 525.2	-88	-88	70	130	
2018/19-1	MO-OXN	srgt environ	12/12/2018	Organic	Triphenylphosphate	n/a	=	1.21	µg/L	EPA 525.2m	-88	-88			
2018/19-1	MO-OXN	srgt environ, rec	12/12/2018	Organic	Triphenylphosphate	n/a	=	121	%	EPA 525.2m	-88	-88	40	163	
2018/19-1	MO-OXN	srgt environ	12/14/2018	Organic	Triphenylphosphate	n/a	=	12.7	µg/L	EPA 525.2	-88	-88			
2018/19-1	MO-OXN	srgt environ, rec	12/14/2018	Organic	Triphenylphosphate	n/a	=	127	%	EPA 525.2	-88	-88	70	130	
2018/19-1	MO-SIM	srgt environ	12/12/2018	Organic	Triphenylphosphate	n/a	=	2.99	µg/L	EPA 525.2m	-88	-88			
2018/19-1	MO-SIM	srgt environ, rec	12/12/2018	Organic	Triphenylphosphate	n/a	=	120	%	EPA 525.2m	-88	-88	40	163	
2018/19-1	MO-SIM	srgt environ	12/14/2018	Organic	Triphenylphosphate	n/a	=	12.8	µg/L	EPA 525.2	-88	-88			
2018/19-1	MO-SIM	srgt environ, rec	12/14/2018	Organic	Triphenylphosphate	n/a	=	128	%	EPA 525.2	-88	-88	70	130	
2018/19-1	MO-SPA	srgt environ	12/12/2018	Organic	Triphenylphosphate	n/a	=	1.27	µg/L	EPA 525.2m	-88	-88			
2018/19-1	MO-SPA	srgt environ, rec	12/12/2018	Organic	Triphenylphosphate	n/a	=	127	%	EPA 525.2m	-88	-88	40	163	
2018/19-1	MO-SPA	srgt environ	12/14/2018	Organic	Triphenylphosphate	n/a	=	12.6	µg/L	EPA 525.2	-88	-88			
2018/19-1	MO-SPA	srgt environ, rec	12/14/2018	Organic	Triphenylphosphate	n/a	=	126	%	EPA 525.2	-88	-88	70	130	
2018/19-1	MO-THO	srgt environ	12/12/2018	Organic	Triphenylphosphate	n/a	=	1.09	µg/L	EPA 525.2m	-88	-88			
2018/19-1	MO-THO	srgt environ, rec	12/12/2018	Organic	Triphenylphosphate	n/a	=	109	%	EPA 525.2m	-88	-88	40	163	
2018/19-1	MO-THO	srgt environ	12/14/2018	Organic	Triphenylphosphate	n/a	=	12.7	µg/L	EPA 525.2	-88	-88			

Appendix F
Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2018/19-1	MO-THO	srgt environ, rec	12/14/2018	Organic	Triphenylphosphate	n/a	=	127	%	EPA 525.2	-88	-88	70	130	
2018/19-1	MO-VEN	srgt matrix spike	12/12/2018	Organic	Triphenylphosphate	n/a	=	1.45	µg/L	EPA 525.2m	-88	-88			
2018/19-1	MO-VEN	srgt matrix spike, rec	12/12/2018	Organic	Triphenylphosphate	n/a	=	145	%	EPA 525.2m	-88	-88	40	163	
2018/19-1	MO-VEN	srgt matrix spike dup	12/12/2018	Organic	Triphenylphosphate	n/a	=	1.39	µg/L	EPA 525.2m	-88	-88			
2018/19-1	MO-VEN	srgt matrix spike dup, rec	12/12/2018	Organic	Triphenylphosphate	n/a	=	139	%	EPA 525.2m	-88	-88	40	163	
2018/19-1	MO-VEN	srgt environ	12/12/2018	Organic	Triphenylphosphate	n/a	=	1.39	µg/L	EPA 525.2m	-88	-88			
2018/19-1	MO-VEN	srgt environ, rec	12/12/2018	Organic	Triphenylphosphate	n/a	=	139	%	EPA 525.2m	-88	-88	40	163	
2018/19-1	MO-VEN	srgt environ	12/14/2018	Organic	Triphenylphosphate	n/a	=	12.7	µg/L	EPA 525.2	-88	-88			
2018/19-1	MO-VEN	srgt environ, rec	12/14/2018	Organic	Triphenylphosphate	n/a	=	127	%	EPA 525.2	-88	-88	70	130	
2018/19-1	000NONPJ	srgt matrix spike	12/19/2018	PCB	PCB 209	n/a	=	0.0422	µg/L	EPA 608	-88	-88			
2018/19-1	000NONPJ	srgt matrix spike, rec	12/19/2018	PCB	PCB 209	n/a	=	42	%	EPA 608	-88	-88	34	125	
2018/19-1	000NONPJ	srgt matrix spike dup	12/19/2018	PCB	PCB 209	n/a	=	0.037	µg/L	EPA 608	-88	-88			
2018/19-1	000NONPJ	srgt matrix spike dup, rec	12/19/2018	PCB	PCB 209	n/a	=	37	%	EPA 608	-88	-88	34	125	
2018/19-1	Lab	srgt method blank	12/19/2018	PCB	PCB 209	n/a	=	0.0786	µg/L	EPA 608	-88	-88			
2018/19-1	Lab	srgt method blank, rec	12/19/2018	PCB	PCB 209	n/a	=	79	%	EPA 608	-88	-88	34	125	
2018/19-1	Lab	srgt LCS	12/19/2018	PCB	PCB 209	n/a	=	0.108	µg/L	EPA 608	-88	-88			
2018/19-1	Lab	srgt LCS, rec	12/19/2018	PCB	PCB 209	n/a	=	108	%	EPA 608	-88	-88	34	125	
2018/19-1	ME-CC	srgt environ	12/19/2018	PCB	PCB 209	n/a	=	0.057	µg/L	EPA 608	-88	-88			
2018/19-1	ME-CC	srgt environ, rec	12/19/2018	PCB	PCB 209	n/a	=	57	%	EPA 608	-88	-88	34	125	
2018/19-1	ME-VR2	srgt environ	12/20/2018	PCB	PCB 209	n/a	=	0.0739	µg/L	EPA 608	-88	-88			
2018/19-1	ME-VR2	srgt environ, rec	12/20/2018	PCB	PCB 209	n/a	=	74	%	EPA 608	-88	-88	34	125	
2018/19-1	MO-CAM	srgt environ	12/20/2018	PCB	PCB 209	n/a	=	0.0378	µg/L	EPA 608	-88	-88			
2018/19-1	MO-CAM	srgt environ, rec	12/20/2018	PCB	PCB 209	n/a	=	38	%	EPA 608	-88	-88	34	125	
2018/19-1	MO-FIL	srgt environ	12/20/2018	PCB	PCB 209	n/a	=	0.0636	µg/L	EPA 608	-88	-88			
2018/19-1	MO-FIL	srgt environ, rec	12/20/2018	PCB	PCB 209	n/a	=	64	%	EPA 608	-88	-88	34	125	
2018/19-1	MO-HUE	srgt environ	12/20/2018	PCB	PCB 209	n/a	=	0.0504	µg/L	EPA 608	-88	-88			
2018/19-1	MO-HUE	srgt environ, rec	12/20/2018	PCB	PCB 209	n/a	=	50	%	EPA 608	-88	-88	34	125	
2018/19-1	MO-MEI	srgt environ	12/20/2018	PCB	PCB 209	n/a	=	0.0312	µg/L	EPA 608	-88	-88			GN
2018/19-1	MO-MEI	srgt environ, rec	12/20/2018	PCB	PCB 209	n/a	=	31	%	EPA 608	-88	-88	34	125	GN
2018/19-1	MO-MPK	srgt environ	12/20/2018	PCB	PCB 209	n/a	=	0.0333	µg/L	EPA 608	-88	-88			GN
2018/19-1	MO-MPK	srgt environ, rec	12/20/2018	PCB	PCB 209	n/a	=	33	%	EPA 608	-88	-88	34	125	GN
2018/19-1	MO-OJA	srgt environ	12/20/2018	PCB	PCB 209	n/a	=	0.0422	µg/L	EPA 608	-88	-88			
2018/19-1	MO-OJA	srgt environ, rec	12/20/2018	PCB	PCB 209	n/a	=	42	%	EPA 608	-88	-88	34	125	
2018/19-1	MO-OXN	srgt environ	12/20/2018	PCB	PCB 209	n/a	=	0.0336	µg/L	EPA 608	-88	-88			
2018/19-1	MO-OXN	srgt environ, rec	12/20/2018	PCB	PCB 209	n/a	=	34	%	EPA 608	-88	-88	34	125	
2018/19-1	MO-SIM	srgt environ	12/20/2018	PCB	PCB 209	n/a	=	0.0518	µg/L	EPA 608	-88	-88			
2018/19-1	MO-SIM	srgt environ, rec	12/20/2018	PCB	PCB 209	n/a	=	52	%	EPA 608	-88	-88	34	125	
2018/19-1	MO-SPA	srgt environ	12/20/2018	PCB	PCB 209	n/a	=	0.0292	µg/L	EPA 608	-88	-88			GN
2018/19-1	MO-SPA	srgt environ, rec	12/20/2018	PCB	PCB 209	n/a	=	29	%	EPA 608	-88	-88	34	125	GN
2018/19-1	MO-THO	srgt environ	12/20/2018	PCB	PCB 209	n/a	=	0.0532	µg/L	EPA 608	-88	-88			
2018/19-1	MO-THO	srgt environ, rec	12/20/2018	PCB	PCB 209	n/a	=	53	%	EPA 608	-88	-88	34	125	
2018/19-1	MO-VEN	srgt environ	12/20/2018	PCB	PCB 209	n/a	=	0.0512	µg/L	EPA 608	-88	-88			
2018/19-1	MO-VEN	srgt environ, rec	12/20/2018	PCB	PCB 209	n/a	=	51	%	EPA 608	-88	-88	34	125	
2018/19-1	000NONPJ	matrix spike	12/14/2018	Pesticide	2,4,5-T	n/a	=	4.14	µg/L	EPA 515.3	0.07	0.2			
2018/19-1	000NONPJ	matrix spike, rec	12/14/2018	Pesticide	2,4,5-T	n/a	=	104	%	EPA 515.3	-88	-88	70	130	
2018/19-1	000NONPJ	matrix spike dup	12/14/2018	Pesticide	2,4,5-T	n/a	=	3.68	µg/L	EPA 515.3	0.07	0.2			
2018/19-1	000NONPJ	matrix spike dup, rec	12/14/2018	Pesticide	2,4,5-T	n/a	=	92	%	EPA 515.3	-88	-88	70	130	

Appendix F
Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2018/19-1	000NONPJ	matrix spike, RPD	12/14/2018	Pesticide	2,4,5-T	n/a	=	12	%	EPA 515.3	-88	-88	0	30	
2018/19-1	000NONPJ	matrix spike	12/14/2018	Pesticide	2,4,5-T	n/a	=	3.94	µg/L	EPA 515.3	0.07	0.2			
2018/19-1	000NONPJ	matrix spike, rec	12/14/2018	Pesticide	2,4,5-T	n/a	=	98	%	EPA 515.3	-88	-88	70	130	
2018/19-1	000NONPJ	matrix spike dup	12/14/2018	Pesticide	2,4,5-T	n/a	=	4.22	µg/L	EPA 515.3	0.07	0.2			
2018/19-1	000NONPJ	matrix spike dup, rec	12/14/2018	Pesticide	2,4,5-T	n/a	=	105	%	EPA 515.3	-88	-88	70	130	
2018/19-1	000NONPJ	matrix spike, RPD	12/14/2018	Pesticide	2,4,5-T	n/a	=	7	%	EPA 515.3	-88	-88	0	30	
2018/19-1	Lab	method blank	12/14/2018	Pesticide	2,4,5-T	n/a	<	0.07	µg/L	EPA 515.3	0.07	0.2			
2018/19-1	Lab	LCS	12/14/2018	Pesticide	2,4,5-T	n/a	=	4.22	µg/L	EPA 515.3	0.07	0.2			
2018/19-1	Lab	LCS, rec	12/14/2018	Pesticide	2,4,5-T	n/a	=	106	%	EPA 515.3	-88	-88	70	130	
2018/19-1	000NONPJ	matrix spike	12/14/2018	Pesticide	2,4,5-TP	n/a	=	4.41	µg/L	EPA 515.3	0.09	0.2			
2018/19-1	000NONPJ	matrix spike, rec	12/14/2018	Pesticide	2,4,5-TP	n/a	=	110	%	EPA 515.3	-88	-88	70	130	
2018/19-1	000NONPJ	matrix spike dup	12/14/2018	Pesticide	2,4,5-TP	n/a	=	4.11	µg/L	EPA 515.3	0.09	0.2			
2018/19-1	000NONPJ	matrix spike dup, rec	12/14/2018	Pesticide	2,4,5-TP	n/a	=	103	%	EPA 515.3	-88	-88	70	130	
2018/19-1	000NONPJ	matrix spike, RPD	12/14/2018	Pesticide	2,4,5-TP	n/a	=	7	%	EPA 515.3	-88	-88	0	30	
2018/19-1	000NONPJ	matrix spike	12/14/2018	Pesticide	2,4,5-TP	n/a	=	4.08	µg/L	EPA 515.3	0.09	0.2			
2018/19-1	000NONPJ	matrix spike, rec	12/14/2018	Pesticide	2,4,5-TP	n/a	=	102	%	EPA 515.3	-88	-88	70	130	
2018/19-1	000NONPJ	matrix spike dup	12/14/2018	Pesticide	2,4,5-TP	n/a	=	4.36	µg/L	EPA 515.3	0.09	0.2			
2018/19-1	000NONPJ	matrix spike dup, rec	12/14/2018	Pesticide	2,4,5-TP	n/a	=	109	%	EPA 515.3	-88	-88	70	130	
2018/19-1	000NONPJ	matrix spike, RPD	12/14/2018	Pesticide	2,4,5-TP	n/a	=	7	%	EPA 515.3	-88	-88	0	30	
2018/19-1	Lab	method blank	12/14/2018	Pesticide	2,4,5-TP	n/a	<	0.09	µg/L	EPA 515.3	0.09	0.2			
2018/19-1	Lab	LCS	12/14/2018	Pesticide	2,4,5-TP	n/a	=	4.11	µg/L	EPA 515.3	0.09	0.2			
2018/19-1	Lab	LCS, rec	12/14/2018	Pesticide	2,4,5-TP	n/a	=	103	%	EPA 515.3	-88	-88	70	130	
2018/19-1	000NONPJ	matrix spike	12/14/2018	Pesticide	2,4-D	n/a	=	8.52	µg/L	EPA 515.3	0.07	0.4			
2018/19-1	000NONPJ	matrix spike, rec	12/14/2018	Pesticide	2,4-D	n/a	=	107	%	EPA 515.3	-88	-88	70	130	
2018/19-1	000NONPJ	matrix spike dup	12/14/2018	Pesticide	2,4-D	n/a	=	8.27	µg/L	EPA 515.3	0.07	0.4			
2018/19-1	000NONPJ	matrix spike dup, rec	12/14/2018	Pesticide	2,4-D	n/a	=	103	%	EPA 515.3	-88	-88	70	130	
2018/19-1	000NONPJ	matrix spike, RPD	12/14/2018	Pesticide	2,4-D	n/a	=	3	%	EPA 515.3	-88	-88	0	30	
2018/19-1	000NONPJ	matrix spike	12/14/2018	Pesticide	2,4-D	n/a	=	13.8	µg/L	EPA 515.3	0.07	0.4			GB
2018/19-1	000NONPJ	matrix spike, rec	12/14/2018	Pesticide	2,4-D	n/a	=	172	%	EPA 515.3	-88	-88	70	130	GB
2018/19-1	000NONPJ	matrix spike dup	12/14/2018	Pesticide	2,4-D	n/a	=	12.8	µg/L	EPA 515.3	0.07	0.4			GB
2018/19-1	000NONPJ	matrix spike dup, rec	12/14/2018	Pesticide	2,4-D	n/a	=	161	%	EPA 515.3	-88	-88	70	130	GB
2018/19-1	000NONPJ	matrix spike, RPD	12/14/2018	Pesticide	2,4-D	n/a	=	7	%	EPA 515.3	-88	-88	0	30	
2018/19-1	Lab	method blank	12/14/2018	Pesticide	2,4-D	n/a	<	0.07	µg/L	EPA 515.3	0.07	0.4			
2018/19-1	Lab	LCS	12/14/2018	Pesticide	2,4-D	n/a	=	7.97	µg/L	EPA 515.3	0.07	0.4			
2018/19-1	Lab	LCS, rec	12/14/2018	Pesticide	2,4-D	n/a	=	100	%	EPA 515.3	-88	-88	70	130	
2018/19-1	000NONPJ	matrix spike	12/14/2018	Pesticide	2,4-DB	n/a	=	14.7	µg/L	EPA 515.3	0.07	2			
2018/19-1	000NONPJ	matrix spike, rec	12/14/2018	Pesticide	2,4-DB	n/a	=	87	%	EPA 515.3	-88	-88	70	130	
2018/19-1	000NONPJ	matrix spike dup	12/14/2018	Pesticide	2,4-DB	n/a	=	14.6	µg/L	EPA 515.3	0.07	2			
2018/19-1	000NONPJ	matrix spike dup, rec	12/14/2018	Pesticide	2,4-DB	n/a	=	86	%	EPA 515.3	-88	-88	70	130	
2018/19-1	000NONPJ	matrix spike, RPD	12/14/2018	Pesticide	2,4-DB	n/a	=	0.6	%	EPA 515.3	-88	-88	0	30	
2018/19-1	000NONPJ	matrix spike	12/14/2018	Pesticide	2,4-DB	n/a	=	15	µg/L	EPA 515.3	0.07	2			
2018/19-1	000NONPJ	matrix spike, rec	12/14/2018	Pesticide	2,4-DB	n/a	=	94	%	EPA 515.3	-88	-88	70	130	
2018/19-1	000NONPJ	matrix spike dup	12/14/2018	Pesticide	2,4-DB	n/a	=	15.9	µg/L	EPA 515.3	0.07	2			
2018/19-1	000NONPJ	matrix spike dup, rec	12/14/2018	Pesticide	2,4-DB	n/a	=	99	%	EPA 515.3	-88	-88	70	130	
2018/19-1	000NONPJ	matrix spike, RPD	12/14/2018	Pesticide	2,4-DB	n/a	=	6	%	EPA 515.3	-88	-88	0	30	
2018/19-1	Lab	method blank	12/14/2018	Pesticide	2,4-DB	n/a	<	0.07	µg/L	EPA 515.3	0.07	2			
2018/19-1	Lab	LCS	12/14/2018	Pesticide	2,4-DB	n/a	=	14	µg/L	EPA 515.3	0.07	2			

Appendix F
Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2018/19-1	Lab	LCS, rec	12/14/2018	Pesticide	2,4-DB	n/a	=	88	%	EPA 515.3	-88	-88	70	130	
2018/19-1	000NONPJ	matrix spike	12/14/2018	Pesticide	3,5-Dichlorobenzoic acid	n/a	=	8.7	µg/L	EPA 515.3	0.09	1			
2018/19-1	000NONPJ	matrix spike, rec	12/14/2018	Pesticide	3,5-Dichlorobenzoic acid	n/a	=	105	%	EPA 515.3	-88	-88	70	130	
2018/19-1	000NONPJ	matrix spike dup	12/14/2018	Pesticide	3,5-Dichlorobenzoic acid	n/a	=	8.55	µg/L	EPA 515.3	0.09	1			
2018/19-1	000NONPJ	matrix spike dup, rec	12/14/2018	Pesticide	3,5-Dichlorobenzoic acid	n/a	=	103	%	EPA 515.3	-88	-88	70	130	
2018/19-1	000NONPJ	matrix spike, RPD	12/14/2018	Pesticide	3,5-Dichlorobenzoic acid	n/a	=	2	%	EPA 515.3	-88	-88	0	30	
2018/19-1	000NONPJ	matrix spike	12/14/2018	Pesticide	3,5-Dichlorobenzoic acid	n/a	=	8.44	µg/L	EPA 515.3	0.09	1			
2018/19-1	000NONPJ	matrix spike, rec	12/14/2018	Pesticide	3,5-Dichlorobenzoic acid	n/a	=	106	%	EPA 515.3	-88	-88	70	130	
2018/19-1	000NONPJ	matrix spike dup	12/14/2018	Pesticide	3,5-Dichlorobenzoic acid	n/a	=	8.93	µg/L	EPA 515.3	0.09	1			
2018/19-1	000NONPJ	matrix spike dup, rec	12/14/2018	Pesticide	3,5-Dichlorobenzoic acid	n/a	=	112	%	EPA 515.3	-88	-88	70	130	
2018/19-1	000NONPJ	matrix spike, RPD	12/14/2018	Pesticide	3,5-Dichlorobenzoic acid	n/a	=	6	%	EPA 515.3	-88	-88	0	30	
2018/19-1	Lab	method blank	12/14/2018	Pesticide	3,5-Dichlorobenzoic acid	n/a	<	0.09	µg/L	EPA 515.3	0.09	1			
2018/19-1	Lab	LCS	12/14/2018	Pesticide	3,5-Dichlorobenzoic acid	n/a	=	8.38	µg/L	EPA 515.3	0.09	1			
2018/19-1	Lab	LCS, rec	12/14/2018	Pesticide	3,5-Dichlorobenzoic acid	n/a	=	105	%	EPA 515.3	-88	-88	70	130	
2018/19-1	000NONPJ	matrix spike	12/19/2018	Pesticide	4,4'-DDD	n/a	DNQ	0.0377	µg/L	EPA 608	0.003	0.05			
2018/19-1	000NONPJ	matrix spike, rec	12/19/2018	Pesticide	4,4'-DDD	n/a	=	38	%	EPA 608	-88	-88	23	124	
2018/19-1	000NONPJ	matrix spike dup	12/19/2018	Pesticide	4,4'-DDD	n/a	DNQ	0.0382	µg/L	EPA 608	0.003	0.05			
2018/19-1	000NONPJ	matrix spike dup, rec	12/19/2018	Pesticide	4,4'-DDD	n/a	=	38	%	EPA 608	-88	-88	23	124	
2018/19-1	000NONPJ	matrix spike, RPD	12/19/2018	Pesticide	4,4'-DDD	n/a	=	1	%	EPA 608	-88	-88	0	30	
2018/19-1	Lab	method blank	12/19/2018	Pesticide	4,4'-DDD	n/a	<	0.003	µg/L	EPA 608	0.003	0.05			
2018/19-1	Lab	LCS	12/19/2018	Pesticide	4,4'-DDD	n/a	DNQ	0.0402	µg/L	EPA 608	0.003	0.05			
2018/19-1	Lab	LCS, rec	12/19/2018	Pesticide	4,4'-DDD	n/a	=	80	%	EPA 608	-88	-88	42	133	
2018/19-1	000NONPJ	matrix spike	12/19/2018	Pesticide	4,4'-DDE	n/a	DNQ	0.0394	µg/L	EPA 608	0.0025	0.05			
2018/19-1	000NONPJ	matrix spike, rec	12/19/2018	Pesticide	4,4'-DDE	n/a	=	39	%	EPA 608	-88	-88	30	114	
2018/19-1	000NONPJ	matrix spike dup	12/19/2018	Pesticide	4,4'-DDE	n/a	DNQ	0.0373	µg/L	EPA 608	0.0025	0.05			
2018/19-1	000NONPJ	matrix spike dup, rec	12/19/2018	Pesticide	4,4'-DDE	n/a	=	37	%	EPA 608	-88	-88	30	114	
2018/19-1	000NONPJ	matrix spike, RPD	12/19/2018	Pesticide	4,4'-DDE	n/a	=	6	%	EPA 608	-88	-88	0	30	
2018/19-1	Lab	method blank	12/19/2018	Pesticide	4,4'-DDE	n/a	<	0.0025	µg/L	EPA 608	0.0025	0.05			
2018/19-1	Lab	LCS	12/19/2018	Pesticide	4,4'-DDE	n/a	DNQ	0.0357	µg/L	EPA 608	0.0025	0.05			
2018/19-1	Lab	LCS, rec	12/19/2018	Pesticide	4,4'-DDE	n/a	=	71	%	EPA 608	-88	-88	33	126	
2018/19-1	000NONPJ	matrix spike	12/19/2018	Pesticide	4,4'-DDT	n/a	=	0.0382	µg/L	EPA 608	0.0031	0.01			
2018/19-1	000NONPJ	matrix spike, rec	12/19/2018	Pesticide	4,4'-DDT	n/a	=	38	%	EPA 608	-88	-88	11	151	
2018/19-1	000NONPJ	matrix spike dup	12/19/2018	Pesticide	4,4'-DDT	n/a	=	0.0369	µg/L	EPA 608	0.0031	0.01			
2018/19-1	000NONPJ	matrix spike dup, rec	12/19/2018	Pesticide	4,4'-DDT	n/a	=	37	%	EPA 608	-88	-88	11	151	
2018/19-1	000NONPJ	matrix spike, RPD	12/19/2018	Pesticide	4,4'-DDT	n/a	=	4	%	EPA 608	-88	-88	0	30	
2018/19-1	Lab	method blank	12/19/2018	Pesticide	4,4'-DDT	n/a	<	0.0031	µg/L	EPA 608	0.0031	0.01			
2018/19-1	Lab	LCS	12/19/2018	Pesticide	4,4'-DDT	n/a	=	0.044	µg/L	EPA 608	0.0031	0.01			
2018/19-1	Lab	LCS, rec	12/19/2018	Pesticide	4,4'-DDT	n/a	=	88	%	EPA 608	-88	-88	35	147	
2018/19-1	000NONPJ	matrix spike	12/14/2018	Pesticide	Acifluorfen	n/a	=	4.54	µg/L	EPA 515.3	0.06	0.4			
2018/19-1	000NONPJ	matrix spike, rec	12/14/2018	Pesticide	Acifluorfen	n/a	=	113	%	EPA 515.3	-88	-88	70	130	
2018/19-1	000NONPJ	matrix spike dup	12/14/2018	Pesticide	Acifluorfen	n/a	=	4.38	µg/L	EPA 515.3	0.06	0.4			
2018/19-1	000NONPJ	matrix spike dup, rec	12/14/2018	Pesticide	Acifluorfen	n/a	=	109	%	EPA 515.3	-88	-88	70	130	
2018/19-1	000NONPJ	matrix spike, RPD	12/14/2018	Pesticide	Acifluorfen	n/a	=	4	%	EPA 515.3	-88	-88	0	30	
2018/19-1	000NONPJ	matrix spike	12/14/2018	Pesticide	Acifluorfen	n/a	=	4.3	µg/L	EPA 515.3	0.06	0.4			
2018/19-1	000NONPJ	matrix spike, rec	12/14/2018	Pesticide	Acifluorfen	n/a	=	108	%	EPA 515.3	-88	-88	70	130	
2018/19-1	000NONPJ	matrix spike dup	12/14/2018	Pesticide	Acifluorfen	n/a	=	4.69	µg/L	EPA 515.3	0.06	0.4			
2018/19-1	000NONPJ	matrix spike dup, rec	12/14/2018	Pesticide	Acifluorfen	n/a	=	117	%	EPA 515.3	-88	-88	70	130	

Appendix F
Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2018/19-1	000NONPJ	matrix spike, RPD	12/14/2018	Pesticide	Acifluorfen	n/a	=	8	%	EPA 515.3	-88	-88	0	30	
2018/19-1	Lab	method blank	12/14/2018	Pesticide	Acifluorfen	n/a	<	0.06	µg/L	EPA 515.3	0.06	0.4			
2018/19-1	Lab	LCS	12/14/2018	Pesticide	Acifluorfen	n/a	=	4.09	µg/L	EPA 515.3	0.06	0.4			
2018/19-1	Lab	LCS, rec	12/14/2018	Pesticide	Acifluorfen	n/a	=	102	%	EPA 515.3	-88	-88	70	130	
2018/19-1	Lab	method blank	12/14/2018	Pesticide	Alachlor	n/a	<	0.022	µg/L	EPA 525.2	0.022	0.1			
2018/19-1	Lab	LCS	12/14/2018	Pesticide	Alachlor	n/a	=	4.91	µg/L	EPA 525.2	0.022	0.1			
2018/19-1	Lab	LCS, rec	12/14/2018	Pesticide	Alachlor	n/a	=	98	%	EPA 525.2	-88	-88	70	130	
2018/19-1	Lab	LCS dup	12/14/2018	Pesticide	Alachlor	n/a	=	4.98	µg/L	EPA 525.2	0.022	0.1			
2018/19-1	Lab	LCS dup, rec	12/14/2018	Pesticide	Alachlor	n/a	=	100	%	EPA 525.2	-88	-88	70	130	
2018/19-1	Lab	LCS, RPD	12/14/2018	Pesticide	Alachlor	n/a	=	1	%	EPA 525.2	-88	-88	0	30	
2018/19-1	000NONPJ	matrix spike	12/19/2018	Pesticide	Aldrin	n/a	=	0.0335	µg/L	EPA 608	0.0015	0.005			
2018/19-1	000NONPJ	matrix spike, rec	12/19/2018	Pesticide	Aldrin	n/a	=	34	%	EPA 608	-88	-88	18	110	
2018/19-1	000NONPJ	matrix spike dup	12/19/2018	Pesticide	Aldrin	n/a	=	0.0337	µg/L	EPA 608	0.0015	0.005			
2018/19-1	000NONPJ	matrix spike dup, rec	12/19/2018	Pesticide	Aldrin	n/a	=	34	%	EPA 608	-88	-88	18	110	
2018/19-1	000NONPJ	matrix spike, RPD	12/19/2018	Pesticide	Aldrin	n/a	=	0.4	%	EPA 608	-88	-88	0	30	
2018/19-1	Lab	method blank	12/19/2018	Pesticide	Aldrin	n/a	<	0.0015	µg/L	EPA 608	0.0015	0.005			
2018/19-1	Lab	LCS	12/19/2018	Pesticide	Aldrin	n/a	=	0.0356	µg/L	EPA 608	0.0015	0.005			
2018/19-1	Lab	LCS, rec	12/19/2018	Pesticide	Aldrin	n/a	=	71	%	EPA 608	-88	-88	18	117	
2018/19-1	000NONPJ	matrix spike	12/19/2018	Pesticide	alpha-BHC	n/a	=	0.0385	µg/L	EPA 608	0.0018	0.01			GB
2018/19-1	000NONPJ	matrix spike, rec	12/19/2018	Pesticide	alpha-BHC	n/a	=	39	%	EPA 608	-88	-88	43	114	GB
2018/19-1	000NONPJ	matrix spike dup	12/19/2018	Pesticide	alpha-BHC	n/a	=	0.0344	µg/L	EPA 608	0.0018	0.01			GB
2018/19-1	000NONPJ	matrix spike dup, rec	12/19/2018	Pesticide	alpha-BHC	n/a	=	34	%	EPA 608	-88	-88	43	114	GB
2018/19-1	000NONPJ	matrix spike, RPD	12/19/2018	Pesticide	alpha-BHC	n/a	=	11	%	EPA 608	-88	-88	0	30	
2018/19-1	Lab	method blank	12/19/2018	Pesticide	alpha-BHC	n/a	<	0.0018	µg/L	EPA 608	0.0018	0.01			
2018/19-1	Lab	LCS	12/19/2018	Pesticide	alpha-BHC	n/a	=	0.0389	µg/L	EPA 608	0.0018	0.01			
2018/19-1	Lab	LCS, rec	12/19/2018	Pesticide	alpha-BHC	n/a	=	78	%	EPA 608	-88	-88	47	119	
2018/19-1	Lab	method blank	12/14/2018	Pesticide	Atrazine	n/a	<	0.034	µg/L	EPA 525.2	0.034	0.1			
2018/19-1	Lab	LCS	12/14/2018	Pesticide	Atrazine	n/a	=	5.65	µg/L	EPA 525.2	0.034	0.1			
2018/19-1	Lab	LCS, rec	12/14/2018	Pesticide	Atrazine	n/a	=	113	%	EPA 525.2	-88	-88	70	130	
2018/19-1	Lab	LCS dup	12/14/2018	Pesticide	Atrazine	n/a	=	5.65	µg/L	EPA 525.2	0.034	0.1			
2018/19-1	Lab	LCS dup, rec	12/14/2018	Pesticide	Atrazine	n/a	=	113	%	EPA 525.2	-88	-88	70	130	
2018/19-1	Lab	LCS, RPD	12/14/2018	Pesticide	Atrazine	n/a	=	0.02	%	EPA 525.2	-88	-88	0	30	
2018/19-1	000NONPJ	matrix spike dup	1/3/2019	Pesticide	Azinphos methyl	n/a	=	0.131	µg/L	EPA 525.2m	0.0055	0.01			GB,IL
2018/19-1	000NONPJ	matrix spike dup, rec	1/3/2019	Pesticide	Azinphos methyl	n/a	=	263	%	EPA 525.2m	-88	-88	0.1	154	GB,IL
2018/19-1	000NONPJ	matrix spike, RPD	1/3/2019	Pesticide	Azinphos methyl	n/a	=	64	%	EPA 525.2m	-88	-88	0	30	IL
2018/19-1	000NONPJ	matrix spike	1/3/2019	Pesticide	Azinphos methyl	n/a	=	0.0677	µg/L	EPA 525.2m	0.0055	0.01			
2018/19-1	000NONPJ	matrix spike, rec	1/3/2019	Pesticide	Azinphos methyl	n/a	=	135	%	EPA 525.2m	-88	-88	0.1	154	
2018/19-1	Lab	method blank	12/12/2018	Pesticide	Azinphos methyl	n/a	<	0.0055	µg/L	EPA 525.2m	0.0055	0.01			
2018/19-1	Lab	LCS	12/12/2018	Pesticide	Azinphos methyl	n/a	=	0.0585	µg/L	EPA 525.2m	0.0055	0.01			
2018/19-1	Lab	LCS, rec	12/12/2018	Pesticide	Azinphos methyl	n/a	=	117	%	EPA 525.2m	-88	-88	0.1	188	
2018/19-1	Lab	method blank	1/3/2019	Pesticide	Azinphos methyl	n/a	<	0.0055	µg/L	EPA 525.2m	0.0055	0.01			
2018/19-1	Lab	LCS	1/3/2019	Pesticide	Azinphos methyl	n/a	=	0.0609	µg/L	EPA 525.2m	0.0055	0.01			
2018/19-1	Lab	LCS, rec	1/3/2019	Pesticide	Azinphos methyl	n/a	=	122	%	EPA 525.2m	-88	-88	0.1	188	
2018/19-1	MO-VEN	matrix spike	12/12/2018	Pesticide	Azinphos methyl	n/a	=	0.105	µg/L	EPA 525.2m	0.011	0.02			
2018/19-1	MO-VEN	matrix spike, rec	12/12/2018	Pesticide	Azinphos methyl	n/a	=	105	%	EPA 525.2m	-88	-88	0.1	154	
2018/19-1	MO-VEN	matrix spike dup	12/12/2018	Pesticide	Azinphos methyl	n/a	=	0.124	µg/L	EPA 525.2m	0.011	0.02			
2018/19-1	MO-VEN	matrix spike dup, rec	12/12/2018	Pesticide	Azinphos methyl	n/a	=	124	%	EPA 525.2m	-88	-88	0.1	154	

Appendix F
Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2018/19-1	MO-VEN	matrix spike, RPD	12/12/2018	Pesticide	Azinphos methyl	n/a	=	16	%	EPA 525.2m	-88	-88	0	30	
2018/19-1	000NONPJ	matrix spike	12/14/2018	Pesticide	Bentazon	n/a	=	16.6	µg/L	EPA 515.3	0.11	2			
2018/19-1	000NONPJ	matrix spike, rec	12/14/2018	Pesticide	Bentazon	n/a	=	99	%	EPA 515.3	-88	-88	70	130	
2018/19-1	000NONPJ	matrix spike dup	12/14/2018	Pesticide	Bentazon	n/a	=	15.7	µg/L	EPA 515.3	0.11	2			
2018/19-1	000NONPJ	matrix spike dup, rec	12/14/2018	Pesticide	Bentazon	n/a	=	94	%	EPA 515.3	-88	-88	70	130	
2018/19-1	000NONPJ	matrix spike, RPD	12/14/2018	Pesticide	Bentazon	n/a	=	5	%	EPA 515.3	-88	-88	0	30	
2018/19-1	000NONPJ	matrix spike	12/14/2018	Pesticide	Bentazon	n/a	=	18.8	µg/L	EPA 515.3	0.11	2			
2018/19-1	000NONPJ	matrix spike, rec	12/14/2018	Pesticide	Bentazon	n/a	=	117	%	EPA 515.3	-88	-88	70	130	
2018/19-1	000NONPJ	matrix spike dup	12/14/2018	Pesticide	Bentazon	n/a	=	19.1	µg/L	EPA 515.3	0.11	2			
2018/19-1	000NONPJ	matrix spike dup, rec	12/14/2018	Pesticide	Bentazon	n/a	=	119	%	EPA 515.3	-88	-88	70	130	
2018/19-1	000NONPJ	matrix spike, RPD	12/14/2018	Pesticide	Bentazon	n/a	=	2	%	EPA 515.3	-88	-88	0	30	
2018/19-1	Lab	method blank	12/14/2018	Pesticide	Bentazon	n/a	<	0.11	µg/L	EPA 515.3	0.11	2			
2018/19-1	Lab	LCS	12/14/2018	Pesticide	Bentazon	n/a	=	15.7	µg/L	EPA 515.3	0.11	2			
2018/19-1	Lab	LCS, rec	12/14/2018	Pesticide	Bentazon	n/a	=	98	%	EPA 515.3	-88	-88	70	130	
2018/19-1	000NONPJ	matrix spike	12/19/2018	Pesticide	beta-BHC	n/a	=	0.0339	µg/L	EPA 608	0.0031	0.005			
2018/19-1	000NONPJ	matrix spike, rec	12/19/2018	Pesticide	beta-BHC	n/a	=	34	%	EPA 608	-88	-88	24	135	
2018/19-1	000NONPJ	matrix spike dup	12/19/2018	Pesticide	beta-BHC	n/a	=	0.0362	µg/L	EPA 608	0.0031	0.005			
2018/19-1	000NONPJ	matrix spike dup, rec	12/19/2018	Pesticide	beta-BHC	n/a	=	36	%	EPA 608	-88	-88	24	135	
2018/19-1	000NONPJ	matrix spike, RPD	12/19/2018	Pesticide	beta-BHC	n/a	=	6	%	EPA 608	-88	-88	0	30	
2018/19-1	Lab	method blank	12/19/2018	Pesticide	beta-BHC	n/a	<	0.0031	µg/L	EPA 608	0.0031	0.005			
2018/19-1	Lab	LCS	12/19/2018	Pesticide	beta-BHC	n/a	=	0.0394	µg/L	EPA 608	0.0031	0.005			
2018/19-1	Lab	LCS, rec	12/19/2018	Pesticide	beta-BHC	n/a	=	79	%	EPA 608	-88	-88	53	123	
2018/19-1	000NONPJ	matrix spike dup	1/3/2019	Pesticide	Bolstar	n/a	=	0.0932	µg/L	EPA 525.2m	0.0046	0.01			GB,IL
2018/19-1	000NONPJ	matrix spike dup, rec	1/3/2019	Pesticide	Bolstar	n/a	=	186	%	EPA 525.2m	-88	-88	4	184	GB,IL
2018/19-1	000NONPJ	matrix spike, RPD	1/3/2019	Pesticide	Bolstar	n/a	=	38	%	EPA 525.2m	-88	-88	0	30	GB,IL
2018/19-1	000NONPJ	matrix spike	1/3/2019	Pesticide	Bolstar	n/a	=	0.0633	µg/L	EPA 525.2m	0.0046	0.01			
2018/19-1	000NONPJ	matrix spike, rec	1/3/2019	Pesticide	Bolstar	n/a	=	127	%	EPA 525.2m	-88	-88	4	184	
2018/19-1	Lab	method blank	12/12/2018	Pesticide	Bolstar	n/a	<	0.0046	µg/L	EPA 525.2m	0.0046	0.01			
2018/19-1	Lab	LCS	12/12/2018	Pesticide	Bolstar	n/a	=	0.0312	µg/L	EPA 525.2m	0.0046	0.01			
2018/19-1	Lab	LCS, rec	12/12/2018	Pesticide	Bolstar	n/a	=	62	%	EPA 525.2m	-88	-88	11	166	
2018/19-1	Lab	method blank	1/3/2019	Pesticide	Bolstar	n/a	<	0.0046	µg/L	EPA 525.2m	0.0046	0.01			
2018/19-1	Lab	LCS	1/3/2019	Pesticide	Bolstar	n/a	=	0.0547	µg/L	EPA 525.2m	0.0046	0.01			
2018/19-1	Lab	LCS, rec	1/3/2019	Pesticide	Bolstar	n/a	=	109	%	EPA 525.2m	-88	-88	11	166	
2018/19-1	MO-VEN	matrix spike	12/12/2018	Pesticide	Bolstar	n/a	=	0.091	µg/L	EPA 525.2m	0.0092	0.02			
2018/19-1	MO-VEN	matrix spike, rec	12/12/2018	Pesticide	Bolstar	n/a	=	91	%	EPA 525.2m	-88	-88	4	184	
2018/19-1	MO-VEN	matrix spike dup	12/12/2018	Pesticide	Bolstar	n/a	=	0.105	µg/L	EPA 525.2m	0.0092	0.02			
2018/19-1	MO-VEN	matrix spike dup, rec	12/12/2018	Pesticide	Bolstar	n/a	=	105	%	EPA 525.2m	-88	-88	4	184	
2018/19-1	MO-VEN	matrix spike, RPD	12/12/2018	Pesticide	Bolstar	n/a	=	14	%	EPA 525.2m	-88	-88	0	30	
2018/19-1	Lab	method blank	12/14/2018	Pesticide	Bromacil	n/a	<	0.038	µg/L	EPA 525.2	0.038	1			
2018/19-1	Lab	LCS	12/14/2018	Pesticide	Bromacil	n/a	=	4.49	µg/L	EPA 525.2	0.038	1			
2018/19-1	Lab	LCS, rec	12/14/2018	Pesticide	Bromacil	n/a	=	90	%	EPA 525.2	-88	-88	70	130	
2018/19-1	Lab	LCS dup	12/14/2018	Pesticide	Bromacil	n/a	=	4.85	µg/L	EPA 525.2	0.038	1			
2018/19-1	Lab	LCS dup, rec	12/14/2018	Pesticide	Bromacil	n/a	=	97	%	EPA 525.2	-88	-88	70	130	
2018/19-1	Lab	LCS, RPD	12/14/2018	Pesticide	Bromacil	n/a	=	8	%	EPA 525.2	-88	-88	0	30	
2018/19-1	Lab	method blank	12/14/2018	Pesticide	Butachlor	n/a	<	0.017	µg/L	EPA 525.2	0.017	0.2			
2018/19-1	Lab	LCS	12/14/2018	Pesticide	Butachlor	n/a	=	4.74	µg/L	EPA 525.2	0.017	0.2			
2018/19-1	Lab	LCS, rec	12/14/2018	Pesticide	Butachlor	n/a	=	95	%	EPA 525.2	-88	-88	70	130	

Appendix F
Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2018/19-1	Lab	LCS dup	12/14/2018	Pesticide	Butachlor	n/a	=	4.81	µg/L	EPA 525.2	0.017	0.2			
2018/19-1	Lab	LCS dup, rec	12/14/2018	Pesticide	Butachlor	n/a	=	96	%	EPA 525.2	-88	-88	70	130	
2018/19-1	Lab	LCS, RPD	12/14/2018	Pesticide	Butachlor	n/a	=	2	%	EPA 525.2	-88	-88	0	30	
2018/19-1	Lab	method blank	12/14/2018	Pesticide	Captan	n/a	<	0.86	µg/L	EPA 525.2	0.86	1			
2018/19-1	Lab	LCS	12/14/2018	Pesticide	Captan	n/a	=	4.4	µg/L	EPA 525.2	0.86	1			
2018/19-1	Lab	LCS, rec	12/14/2018	Pesticide	Captan	n/a	=	88	%	EPA 525.2	-88	-88	70	130	
2018/19-1	Lab	LCS dup	12/14/2018	Pesticide	Captan	n/a	=	4.63	µg/L	EPA 525.2	0.86	1			
2018/19-1	Lab	LCS dup, rec	12/14/2018	Pesticide	Captan	n/a	=	93	%	EPA 525.2	-88	-88	70	130	
2018/19-1	Lab	LCS, RPD	12/14/2018	Pesticide	Captan	n/a	=	5	%	EPA 525.2	-88	-88	0	30	
2018/19-1	Lab	method blank	12/14/2018	Pesticide	Chloroprotham	n/a	<	0.01	µg/L	EPA 525.2	0.01	0.1			
2018/19-1	Lab	LCS	12/14/2018	Pesticide	Chloroprotham	n/a	=	4.76	µg/L	EPA 525.2	0.01	0.1			
2018/19-1	Lab	LCS, rec	12/14/2018	Pesticide	Chloroprotham	n/a	=	95	%	EPA 525.2	-88	-88	70	130	
2018/19-1	Lab	LCS dup	12/14/2018	Pesticide	Chloroprotham	n/a	=	5.06	µg/L	EPA 525.2	0.01	0.1			
2018/19-1	Lab	LCS dup, rec	12/14/2018	Pesticide	Chloroprotham	n/a	=	101	%	EPA 525.2	-88	-88	70	130	
2018/19-1	Lab	LCS, RPD	12/14/2018	Pesticide	Chloroprotham	n/a	=	6	%	EPA 525.2	-88	-88	0	30	
2018/19-1	000NONPJ	matrix spike dup	1/3/2019	Pesticide	Chlorpyrifos	n/a	=	0.127	µg/L	EPA 525.2m	0.0069	0.01			GB,IL
2018/19-1	000NONPJ	matrix spike dup, rec	1/3/2019	Pesticide	Chlorpyrifos	n/a	=	254	%	EPA 525.2m	-88	-88	37	168	GB,IL
2018/19-1	000NONPJ	matrix spike, RPD	1/3/2019	Pesticide	Chlorpyrifos	n/a	=	57	%	EPA 525.2m	-88	-88	0	30	GB,IL
2018/19-1	000NONPJ	matrix spike	1/3/2019	Pesticide	Chlorpyrifos	n/a	=	0.0706	µg/L	EPA 525.2m	0.0069	0.01			
2018/19-1	000NONPJ	matrix spike, rec	1/3/2019	Pesticide	Chlorpyrifos	n/a	=	141	%	EPA 525.2m	-88	-88	37	168	
2018/19-1	Lab	method blank	12/12/2018	Pesticide	Chlorpyrifos	n/a	<	0.0069	µg/L	EPA 525.2m	0.0069	0.01			
2018/19-1	Lab	LCS	12/12/2018	Pesticide	Chlorpyrifos	n/a	=	0.057	µg/L	EPA 525.2m	0.0069	0.01			
2018/19-1	Lab	LCS, rec	12/12/2018	Pesticide	Chlorpyrifos	n/a	=	114	%	EPA 525.2m	-88	-88	37	169	
2018/19-1	Lab	method blank	1/3/2019	Pesticide	Chlorpyrifos	n/a	<	0.0069	µg/L	EPA 525.2m	0.0069	0.01			
2018/19-1	Lab	LCS	1/3/2019	Pesticide	Chlorpyrifos	n/a	=	0.0488	µg/L	EPA 525.2m	0.0069	0.01			
2018/19-1	Lab	LCS, rec	1/3/2019	Pesticide	Chlorpyrifos	n/a	=	98	%	EPA 525.2m	-88	-88	37	169	
2018/19-1	MO-VEN	matrix spike	12/12/2018	Pesticide	Chlorpyrifos	n/a	=	0.16	µg/L	EPA 525.2m	0.014	0.02			
2018/19-1	MO-VEN	matrix spike, rec	12/12/2018	Pesticide	Chlorpyrifos	n/a	=	160	%	EPA 525.2m	-88	-88	37	168	
2018/19-1	MO-VEN	matrix spike dup	12/12/2018	Pesticide	Chlorpyrifos	n/a	=	0.148	µg/L	EPA 525.2m	0.014	0.02			
2018/19-1	MO-VEN	matrix spike dup, rec	12/12/2018	Pesticide	Chlorpyrifos	n/a	=	148	%	EPA 525.2m	-88	-88	37	168	
2018/19-1	MO-VEN	matrix spike, RPD	12/12/2018	Pesticide	Chlorpyrifos	n/a	=	7	%	EPA 525.2m	-88	-88	0	30	
2018/19-1	000NONPJ	matrix spike dup	1/3/2019	Pesticide	Coumaphos	n/a	=	0.0991	µg/L	EPA 525.2m	0.0051	0.01			IL
2018/19-1	000NONPJ	matrix spike dup, rec	1/3/2019	Pesticide	Coumaphos	n/a	=	198	%	EPA 525.2m	-88	-88	0.1	203	IL
2018/19-1	000NONPJ	matrix spike, RPD	1/3/2019	Pesticide	Coumaphos	n/a	=	54	%	EPA 525.2m	-88	-88	0	30	IL
2018/19-1	000NONPJ	matrix spike	1/3/2019	Pesticide	Coumaphos	n/a	=	0.0573	µg/L	EPA 525.2m	0.0051	0.01			
2018/19-1	000NONPJ	matrix spike, rec	1/3/2019	Pesticide	Coumaphos	n/a	=	115	%	EPA 525.2m	-88	-88	0.1	203	
2018/19-1	Lab	method blank	12/12/2018	Pesticide	Coumaphos	n/a	<	0.0051	µg/L	EPA 525.2m	0.0051	0.01			
2018/19-1	Lab	LCS	12/12/2018	Pesticide	Coumaphos	n/a	=	0.0508	µg/L	EPA 525.2m	0.0051	0.01			
2018/19-1	Lab	LCS, rec	12/12/2018	Pesticide	Coumaphos	n/a	=	102	%	EPA 525.2m	-88	-88	0.1	225	
2018/19-1	Lab	method blank	1/3/2019	Pesticide	Coumaphos	n/a	<	0.0051	µg/L	EPA 525.2m	0.0051	0.01			
2018/19-1	Lab	LCS	1/3/2019	Pesticide	Coumaphos	n/a	=	0.0548	µg/L	EPA 525.2m	0.0051	0.01			
2018/19-1	Lab	LCS, rec	1/3/2019	Pesticide	Coumaphos	n/a	=	110	%	EPA 525.2m	-88	-88	0.1	225	
2018/19-1	MO-VEN	matrix spike	12/12/2018	Pesticide	Coumaphos	n/a	=	0.0762	µg/L	EPA 525.2m	0.01	0.02			
2018/19-1	MO-VEN	matrix spike, rec	12/12/2018	Pesticide	Coumaphos	n/a	=	76	%	EPA 525.2m	-88	-88	0.1	203	
2018/19-1	MO-VEN	matrix spike dup	12/12/2018	Pesticide	Coumaphos	n/a	=	0.102	µg/L	EPA 525.2m	0.01	0.02			
2018/19-1	MO-VEN	matrix spike dup, rec	12/12/2018	Pesticide	Coumaphos	n/a	=	102	%	EPA 525.2m	-88	-88	0.1	203	
2018/19-1	MO-VEN	matrix spike, RPD	12/12/2018	Pesticide	Coumaphos	n/a	=	29	%	EPA 525.2m	-88	-88	0	30	

Appendix F
Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2018/19-1	Lab	method blank	12/14/2018	Pesticide	Cyanazine	n/a	<	0.024	µg/L	EPA 525.2	0.024	0.1			
2018/19-1	Lab	LCS	12/14/2018	Pesticide	Cyanazine	n/a	=	4.87	µg/L	EPA 525.2	0.024	0.1			
2018/19-1	Lab	LCS, rec	12/14/2018	Pesticide	Cyanazine	n/a	=	97	%	EPA 525.2	-88	-88	70	130	
2018/19-1	Lab	LCS dup	12/14/2018	Pesticide	Cyanazine	n/a	=	4.99	µg/L	EPA 525.2	0.024	0.1			
2018/19-1	Lab	LCS dup, rec	12/14/2018	Pesticide	Cyanazine	n/a	=	100	%	EPA 525.2	-88	-88	70	130	
2018/19-1	Lab	LCS, RPD	12/14/2018	Pesticide	Cyanazine	n/a	=	2	%	EPA 525.2	-88	-88	0	30	
2018/19-1	000NONPJ	matrix spike	12/14/2018	Pesticide	Dalapon	n/a	=	8.48	µg/L	EPA 515.3	0.1	0.4			
2018/19-1	000NONPJ	matrix spike, rec	12/14/2018	Pesticide	Dalapon	n/a	=	84	%	EPA 515.3	-88	-88	70	130	
2018/19-1	000NONPJ	matrix spike dup	12/14/2018	Pesticide	Dalapon	n/a	=	8.38	µg/L	EPA 515.3	0.1	0.4			
2018/19-1	000NONPJ	matrix spike dup, rec	12/14/2018	Pesticide	Dalapon	n/a	=	83	%	EPA 515.3	-88	-88	70	130	
2018/19-1	000NONPJ	matrix spike, RPD	12/14/2018	Pesticide	Dalapon	n/a	=	1	%	EPA 515.3	-88	-88	0	30	
2018/19-1	000NONPJ	matrix spike	12/14/2018	Pesticide	Dalapon	n/a	=	8.22	µg/L	EPA 515.3	0.1	0.4			
2018/19-1	000NONPJ	matrix spike, rec	12/14/2018	Pesticide	Dalapon	n/a	=	103	%	EPA 515.3	-88	-88	70	130	
2018/19-1	000NONPJ	matrix spike dup	12/14/2018	Pesticide	Dalapon	n/a	=	8.42	µg/L	EPA 515.3	0.1	0.4			
2018/19-1	000NONPJ	matrix spike dup, rec	12/14/2018	Pesticide	Dalapon	n/a	=	105	%	EPA 515.3	-88	-88	70	130	
2018/19-1	000NONPJ	matrix spike, RPD	12/14/2018	Pesticide	Dalapon	n/a	=	2	%	EPA 515.3	-88	-88	0	30	
2018/19-1	Lab	method blank	12/14/2018	Pesticide	Dalapon	n/a	<	0.1	µg/L	EPA 515.3	0.1	0.4			
2018/19-1	Lab	LCS	12/14/2018	Pesticide	Dalapon	n/a	=	8.06	µg/L	EPA 515.3	0.1	0.4			
2018/19-1	Lab	LCS, rec	12/14/2018	Pesticide	Dalapon	n/a	=	101	%	EPA 515.3	-88	-88	70	130	
2018/19-1	000NONPJ	matrix spike	12/14/2018	Pesticide	DCPA (Dacthal)	n/a	=	4.27	µg/L	EPA 515.3	0.07	0.1			
2018/19-1	000NONPJ	matrix spike, rec	12/14/2018	Pesticide	DCPA (Dacthal)	n/a	=	107	%	EPA 515.3	-88	-88	70	130	
2018/19-1	000NONPJ	matrix spike dup	12/14/2018	Pesticide	DCPA (Dacthal)	n/a	=	4.11	µg/L	EPA 515.3	0.07	0.1			
2018/19-1	000NONPJ	matrix spike dup, rec	12/14/2018	Pesticide	DCPA (Dacthal)	n/a	=	103	%	EPA 515.3	-88	-88	70	130	
2018/19-1	000NONPJ	matrix spike, RPD	12/14/2018	Pesticide	DCPA (Dacthal)	n/a	=	4	%	EPA 515.3	-88	-88	0	30	
2018/19-1	000NONPJ	matrix spike	12/14/2018	Pesticide	DCPA (Dacthal)	n/a	=	4.01	µg/L	EPA 515.3	0.07	0.1			
2018/19-1	000NONPJ	matrix spike, rec	12/14/2018	Pesticide	DCPA (Dacthal)	n/a	=	100	%	EPA 515.3	-88	-88	70	130	
2018/19-1	000NONPJ	matrix spike dup	12/14/2018	Pesticide	DCPA (Dacthal)	n/a	=	4.32	µg/L	EPA 515.3	0.07	0.1			
2018/19-1	000NONPJ	matrix spike dup, rec	12/14/2018	Pesticide	DCPA (Dacthal)	n/a	=	108	%	EPA 515.3	-88	-88	70	130	
2018/19-1	000NONPJ	matrix spike, RPD	12/14/2018	Pesticide	DCPA (Dacthal)	n/a	=	7	%	EPA 515.3	-88	-88	0	30	
2018/19-1	Lab	method blank	12/14/2018	Pesticide	DCPA (Dacthal)	n/a	<	0.07	µg/L	EPA 515.3	0.07	0.1			
2018/19-1	Lab	LCS	12/14/2018	Pesticide	DCPA (Dacthal)	n/a	=	4.01	µg/L	EPA 515.3	0.07	0.1			
2018/19-1	Lab	LCS, rec	12/14/2018	Pesticide	DCPA (Dacthal)	n/a	=	100	%	EPA 515.3	-88	-88	70	130	
2018/19-1	000NONPJ	matrix spike	12/19/2018	Pesticide	delta-BHC	n/a	=	0.0375	µg/L	EPA 608	0.0025	0.005			
2018/19-1	000NONPJ	matrix spike, rec	12/19/2018	Pesticide	delta-BHC	n/a	=	37	%	EPA 608	-88	-88	37	122	
2018/19-1	000NONPJ	matrix spike dup	12/19/2018	Pesticide	delta-BHC	n/a	=	0.0409	µg/L	EPA 608	0.0025	0.005			
2018/19-1	000NONPJ	matrix spike dup, rec	12/19/2018	Pesticide	delta-BHC	n/a	=	41	%	EPA 608	-88	-88	37	122	
2018/19-1	000NONPJ	matrix spike, RPD	12/19/2018	Pesticide	delta-BHC	n/a	=	9	%	EPA 608	-88	-88	0	30	
2018/19-1	Lab	method blank	12/19/2018	Pesticide	delta-BHC	n/a	<	0.0025	µg/L	EPA 608	0.0025	0.005			
2018/19-1	Lab	LCS	12/19/2018	Pesticide	delta-BHC	n/a	=	0.0381	µg/L	EPA 608	0.0025	0.005			
2018/19-1	Lab	LCS, rec	12/19/2018	Pesticide	delta-BHC	n/a	=	76	%	EPA 608	-88	-88	51	123	
2018/19-1	000NONPJ	matrix spike dup	1/3/2019	Pesticide	Demeton-O	n/a	=	0.0606	µg/L	EPA 525.2m	0.01	0.01			IL
2018/19-1	000NONPJ	matrix spike dup, rec	1/3/2019	Pesticide	Demeton-O	n/a	=	121	%	EPA 525.2m	-88	-88	0.1	208	IL
2018/19-1	000NONPJ	matrix spike, RPD	1/3/2019	Pesticide	Demeton-O	n/a	=	109	%	EPA 525.2m	-88	-88	0	30	IL
2018/19-1	000NONPJ	matrix spike	1/3/2019	Pesticide	Demeton-O	n/a	=	0.0177	µg/L	EPA 525.2m	0.01	0.01			
2018/19-1	000NONPJ	matrix spike, rec	1/3/2019	Pesticide	Demeton-O	n/a	=	35	%	EPA 525.2m	-88	-88	0.1	208	
2018/19-1	Lab	method blank	12/12/2018	Pesticide	Demeton-O	n/a	<	0.01	µg/L	EPA 525.2m	0.01	0.01			
2018/19-1	Lab	LCS	12/12/2018	Pesticide	Demeton-O	n/a	=	0.0152	µg/L	EPA 525.2m	0.01	0.01			

Appendix F
Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2018/19-1	Lab	LCS, rec	12/12/2018	Pesticide	Demeton-O	n/a	=	30	%	EPA 525.2m	-88	-88	0.1	211	
2018/19-1	Lab	method blank	1/3/2019	Pesticide	Demeton-O	n/a	<	0.01	µg/L	EPA 525.2m	0.01	0.01			
2018/19-1	Lab	LCS	1/3/2019	Pesticide	Demeton-O	n/a	=	0.0336	µg/L	EPA 525.2m	0.01	0.01			
2018/19-1	Lab	LCS, rec	1/3/2019	Pesticide	Demeton-O	n/a	=	67	%	EPA 525.2m	-88	-88	0.1	211	
2018/19-1	MO-VEN	matrix spike	12/12/2018	Pesticide	Demeton-O	n/a	=	0.0839	µg/L	EPA 525.2m	0.02	0.02			
2018/19-1	MO-VEN	matrix spike, rec	12/12/2018	Pesticide	Demeton-O	n/a	=	84	%	EPA 525.2m	-88	-88	0.1	208	
2018/19-1	MO-VEN	matrix spike dup	12/12/2018	Pesticide	Demeton-O	n/a	=	0.0984	µg/L	EPA 525.2m	0.02	0.02			
2018/19-1	MO-VEN	matrix spike dup, rec	12/12/2018	Pesticide	Demeton-O	n/a	=	98	%	EPA 525.2m	-88	-88	0.1	208	
2018/19-1	MO-VEN	matrix spike, RPD	12/12/2018	Pesticide	Demeton-O	n/a	=	16	%	EPA 525.2m	-88	-88	0	30	
2018/19-1	000NONPJ	matrix spike dup	1/3/2019	Pesticide	Demeton-S	n/a	=	0.169	µg/L	EPA 525.2m	0.01	0.01			GB,IL
2018/19-1	000NONPJ	matrix spike dup, rec	1/3/2019	Pesticide	Demeton-S	n/a	=	339	%	EPA 525.2m	-88	-88	0.1	207	GB,IL
2018/19-1	000NONPJ	matrix spike, RPD	1/3/2019	Pesticide	Demeton-S	n/a	=	75	%	EPA 525.2m	-88	-88	0	30	GB,IL
2018/19-1	000NONPJ	matrix spike	1/3/2019	Pesticide	Demeton-S	n/a	=	0.0766	µg/L	EPA 525.2m	0.01	0.01			
2018/19-1	000NONPJ	matrix spike, rec	1/3/2019	Pesticide	Demeton-S	n/a	=	153	%	EPA 525.2m	-88	-88	0.1	207	
2018/19-1	Lab	method blank	12/12/2018	Pesticide	Demeton-S	n/a	<	0.01	µg/L	EPA 525.2m	0.01	0.01			
2018/19-1	Lab	LCS	12/12/2018	Pesticide	Demeton-S	n/a	=	0.056	µg/L	EPA 525.2m	0.01	0.01			
2018/19-1	Lab	LCS, rec	12/12/2018	Pesticide	Demeton-S	n/a	=	112	%	EPA 525.2m	-88	-88	0.1	213	
2018/19-1	Lab	method blank	1/3/2019	Pesticide	Demeton-S	n/a	<	0.01	µg/L	EPA 525.2m	0.01	0.01			
2018/19-1	Lab	LCS	1/3/2019	Pesticide	Demeton-S	n/a	=	0.0656	µg/L	EPA 525.2m	0.01	0.01			
2018/19-1	Lab	LCS, rec	1/3/2019	Pesticide	Demeton-S	n/a	=	131	%	EPA 525.2m	-88	-88	0.1	213	
2018/19-1	MO-VEN	matrix spike	12/12/2018	Pesticide	Demeton-S	n/a	=	0.221	µg/L	EPA 525.2m	0.02	0.02			GB
2018/19-1	MO-VEN	matrix spike, rec	12/12/2018	Pesticide	Demeton-S	n/a	=	221	%	EPA 525.2m	-88	-88	0.1	207	GB
2018/19-1	MO-VEN	matrix spike dup	12/12/2018	Pesticide	Demeton-S	n/a	=	0.221	µg/L	EPA 525.2m	0.02	0.02			GB
2018/19-1	MO-VEN	matrix spike dup, rec	12/12/2018	Pesticide	Demeton-S	n/a	=	221	%	EPA 525.2m	-88	-88	0.1	207	GB
2018/19-1	MO-VEN	matrix spike, RPD	12/12/2018	Pesticide	Demeton-S	n/a	=	0.06	%	EPA 525.2m	-88	-88	0	30	
2018/19-1	000NONPJ	matrix spike dup	1/3/2019	Pesticide	Diazinon	n/a	=	0.137	µg/L	EPA 525.2m	0.0052	0.01			GB,IL
2018/19-1	000NONPJ	matrix spike dup, rec	1/3/2019	Pesticide	Diazinon	n/a	=	274	%	EPA 525.2m	-88	-88	36	153	GB,IL
2018/19-1	000NONPJ	matrix spike, RPD	1/3/2019	Pesticide	Diazinon	n/a	=	117	%	EPA 525.2m	-88	-88	0	30	GB,IL
2018/19-1	000NONPJ	matrix spike	1/3/2019	Pesticide	Diazinon	n/a	=	0.0361	µg/L	EPA 525.2m	0.0052	0.01			
2018/19-1	000NONPJ	matrix spike, rec	1/3/2019	Pesticide	Diazinon	n/a	=	72	%	EPA 525.2m	-88	-88	36	153	
2018/19-1	Lab	method blank	12/12/2018	Pesticide	Diazinon	n/a	<	0.0052	µg/L	EPA 525.2m	0.0052	0.01			
2018/19-1	Lab	LCS	12/12/2018	Pesticide	Diazinon	n/a	=	0.0368	µg/L	EPA 525.2m	0.0052	0.01			
2018/19-1	Lab	LCS, rec	12/12/2018	Pesticide	Diazinon	n/a	=	74	%	EPA 525.2m	-88	-88	43	152	
2018/19-1	Lab	method blank	12/14/2018	Pesticide	Diazinon	n/a	<	0.096	µg/L	EPA 525.2	0.096	0.1			
2018/19-1	Lab	LCS	12/14/2018	Pesticide	Diazinon	n/a	=	3.96	µg/L	EPA 525.2	0.096	0.1			
2018/19-1	Lab	LCS, rec	12/14/2018	Pesticide	Diazinon	n/a	=	79	%	EPA 525.2	-88	-88	50	120	
2018/19-1	Lab	LCS dup	12/14/2018	Pesticide	Diazinon	n/a	=	4.14	µg/L	EPA 525.2	0.096	0.1			
2018/19-1	Lab	LCS dup, rec	12/14/2018	Pesticide	Diazinon	n/a	=	83	%	EPA 525.2	-88	-88	50	120	
2018/19-1	Lab	LCS, RPD	12/14/2018	Pesticide	Diazinon	n/a	=	5	%	EPA 525.2	-88	-88	0	30	
2018/19-1	Lab	method blank	1/3/2019	Pesticide	Diazinon	n/a	<	0.0052	µg/L	EPA 525.2m	0.0052	0.01			
2018/19-1	Lab	LCS	1/3/2019	Pesticide	Diazinon	n/a	=	0.0514	µg/L	EPA 525.2m	0.0052	0.01			
2018/19-1	Lab	LCS, rec	1/3/2019	Pesticide	Diazinon	n/a	=	103	%	EPA 525.2m	-88	-88	43	152	
2018/19-1	MO-VEN	matrix spike	12/12/2018	Pesticide	Diazinon	n/a	=	0.211	µg/L	EPA 525.2m	0.01	0.02			GB
2018/19-1	MO-VEN	matrix spike, rec	12/12/2018	Pesticide	Diazinon	n/a	=	211	%	EPA 525.2m	-88	-88	36	153	GB
2018/19-1	MO-VEN	matrix spike dup	12/12/2018	Pesticide	Diazinon	n/a	=	0.176	µg/L	EPA 525.2m	0.01	0.02			GB
2018/19-1	MO-VEN	matrix spike dup, rec	12/12/2018	Pesticide	Diazinon	n/a	=	176	%	EPA 525.2m	-88	-88	36	153	GB
2018/19-1	MO-VEN	matrix spike, RPD	12/12/2018	Pesticide	Diazinon	n/a	=	18	%	EPA 525.2m	-88	-88	0	30	

Appendix F
Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2018/19-1	000NONPJ	matrix spike	12/14/2018	Pesticide	Dicamba	n/a	=	8.25	µg/L	EPA 515.3	0.12	0.6			
2018/19-1	000NONPJ	matrix spike, rec	12/14/2018	Pesticide	Dicamba	n/a	=	103	%	EPA 515.3	-88	-88	70	130	
2018/19-1	000NONPJ	matrix spike dup	12/14/2018	Pesticide	Dicamba	n/a	=	7.84	µg/L	EPA 515.3	0.12	0.6			
2018/19-1	000NONPJ	matrix spike dup, rec	12/14/2018	Pesticide	Dicamba	n/a	=	98	%	EPA 515.3	-88	-88	70	130	
2018/19-1	000NONPJ	matrix spike, RPD	12/14/2018	Pesticide	Dicamba	n/a	=	5	%	EPA 515.3	-88	-88	0	30	
2018/19-1	000NONPJ	matrix spike	12/14/2018	Pesticide	Dicamba	n/a	=	7.91	µg/L	EPA 515.3	0.12	0.6			
2018/19-1	000NONPJ	matrix spike, rec	12/14/2018	Pesticide	Dicamba	n/a	=	99	%	EPA 515.3	-88	-88	70	130	
2018/19-1	000NONPJ	matrix spike dup	12/14/2018	Pesticide	Dicamba	n/a	=	8.1	µg/L	EPA 515.3	0.12	0.6			
2018/19-1	000NONPJ	matrix spike dup, rec	12/14/2018	Pesticide	Dicamba	n/a	=	101	%	EPA 515.3	-88	-88	70	130	
2018/19-1	000NONPJ	matrix spike, RPD	12/14/2018	Pesticide	Dicamba	n/a	=	2	%	EPA 515.3	-88	-88	0	30	
2018/19-1	Lab	method blank	12/14/2018	Pesticide	Dicamba	n/a	<	0.12	µg/L	EPA 515.3	0.12	0.6			
2018/19-1	Lab	LCS	12/14/2018	Pesticide	Dicamba	n/a	=	8.05	µg/L	EPA 515.3	0.12	0.6			
2018/19-1	Lab	LCS, rec	12/14/2018	Pesticide	Dicamba	n/a	=	101	%	EPA 515.3	-88	-88	70	130	
2018/19-1	000NONPJ	matrix spike	12/14/2018	Pesticide	Dichlorprop	n/a	=	8.2	µg/L	EPA 515.3	0.08	0.3			
2018/19-1	000NONPJ	matrix spike, rec	12/14/2018	Pesticide	Dichlorprop	n/a	=	103	%	EPA 515.3	-88	-88	70	130	
2018/19-1	000NONPJ	matrix spike dup	12/14/2018	Pesticide	Dichlorprop	n/a	=	7.87	µg/L	EPA 515.3	0.08	0.3			
2018/19-1	000NONPJ	matrix spike dup, rec	12/14/2018	Pesticide	Dichlorprop	n/a	=	98	%	EPA 515.3	-88	-88	70	130	
2018/19-1	000NONPJ	matrix spike, RPD	12/14/2018	Pesticide	Dichlorprop	n/a	=	4	%	EPA 515.3	-88	-88	0	30	
2018/19-1	000NONPJ	matrix spike	12/14/2018	Pesticide	Dichlorprop	n/a	=	7.93	µg/L	EPA 515.3	0.08	0.3			
2018/19-1	000NONPJ	matrix spike, rec	12/14/2018	Pesticide	Dichlorprop	n/a	=	99	%	EPA 515.3	-88	-88	70	130	
2018/19-1	000NONPJ	matrix spike dup	12/14/2018	Pesticide	Dichlorprop	n/a	=	8.36	µg/L	EPA 515.3	0.08	0.3			
2018/19-1	000NONPJ	matrix spike dup, rec	12/14/2018	Pesticide	Dichlorprop	n/a	=	105	%	EPA 515.3	-88	-88	70	130	
2018/19-1	000NONPJ	matrix spike, RPD	12/14/2018	Pesticide	Dichlorprop	n/a	=	5	%	EPA 515.3	-88	-88	0	30	
2018/19-1	Lab	method blank	12/14/2018	Pesticide	Dichlorprop	n/a	<	0.08	µg/L	EPA 515.3	0.08	0.3			
2018/19-1	Lab	LCS	12/14/2018	Pesticide	Dichlorprop	n/a	=	8.26	µg/L	EPA 515.3	0.08	0.3			
2018/19-1	Lab	LCS, rec	12/14/2018	Pesticide	Dichlorprop	n/a	=	103	%	EPA 515.3	-88	-88	70	130	
2018/19-1	000NONPJ	matrix spike dup	1/3/2019	Pesticide	Dichlorvos	n/a	=	0.15	µg/L	EPA 525.2m	0.0029	0.01			GB,IL
2018/19-1	000NONPJ	matrix spike dup, rec	1/3/2019	Pesticide	Dichlorvos	n/a	=	300	%	EPA 525.2m	-88	-88	42	137	GB,IL
2018/19-1	000NONPJ	matrix spike, RPD	1/3/2019	Pesticide	Dichlorvos	n/a	=	83	%	EPA 525.2m	-88	-88	0	30	GB,IL
2018/19-1	000NONPJ	matrix spike	1/3/2019	Pesticide	Dichlorvos	n/a	=	0.0622	µg/L	EPA 525.2m	0.0029	0.01			
2018/19-1	000NONPJ	matrix spike, rec	1/3/2019	Pesticide	Dichlorvos	n/a	=	124	%	EPA 525.2m	-88	-88	42	137	
2018/19-1	Lab	method blank	12/12/2018	Pesticide	Dichlorvos	n/a	<	0.0029	µg/L	EPA 525.2m	0.0029	0.01			
2018/19-1	Lab	LCS	12/12/2018	Pesticide	Dichlorvos	n/a	=	0.0501	µg/L	EPA 525.2m	0.0029	0.01			
2018/19-1	Lab	LCS, rec	12/12/2018	Pesticide	Dichlorvos	n/a	=	100	%	EPA 525.2m	-88	-88	46	133	
2018/19-1	Lab	method blank	1/3/2019	Pesticide	Dichlorvos	n/a	<	0.0029	µg/L	EPA 525.2m	0.0029	0.01			
2018/19-1	Lab	LCS	1/3/2019	Pesticide	Dichlorvos	n/a	=	0.0523	µg/L	EPA 525.2m	0.0029	0.01			
2018/19-1	Lab	LCS, rec	1/3/2019	Pesticide	Dichlorvos	n/a	=	105	%	EPA 525.2m	-88	-88	46	133	
2018/19-1	MO-VEN	matrix spike	12/12/2018	Pesticide	Dichlorvos	n/a	=	0.14	µg/L	EPA 525.2m	0.0058	0.02			
2018/19-1	MO-VEN	matrix spike, rec	12/12/2018	Pesticide	Dichlorvos	n/a	=	108	%	EPA 525.2m	-88	-88	42	137	
2018/19-1	MO-VEN	matrix spike dup	12/12/2018	Pesticide	Dichlorvos	n/a	=	0.166	µg/L	EPA 525.2m	0.0058	0.02			
2018/19-1	MO-VEN	matrix spike dup, rec	12/12/2018	Pesticide	Dichlorvos	n/a	=	133	%	EPA 525.2m	-88	-88	42	137	
2018/19-1	MO-VEN	matrix spike, RPD	12/12/2018	Pesticide	Dichlorvos	n/a	=	17	%	EPA 525.2m	-88	-88	0	30	
2018/19-1	000NONPJ	matrix spike	12/19/2018	Pesticide	Dieldrin	n/a	=	0.0387	µg/L	EPA 608	0.0021	0.01			
2018/19-1	000NONPJ	matrix spike, rec	12/19/2018	Pesticide	Dieldrin	n/a	=	39	%	EPA 608	-88	-88	27	132	
2018/19-1	000NONPJ	matrix spike dup	12/19/2018	Pesticide	Dieldrin	n/a	=	0.0397	µg/L	EPA 608	0.0021	0.01			
2018/19-1	000NONPJ	matrix spike dup, rec	12/19/2018	Pesticide	Dieldrin	n/a	=	40	%	EPA 608	-88	-88	27	132	
2018/19-1	000NONPJ	matrix spike, RPD	12/19/2018	Pesticide	Dieldrin	n/a	=	3	%	EPA 608	-88	-88	0	30	

Appendix F
Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2018/19-1	Lab	method blank	12/19/2018	Pesticide	Dieldrin	n/a	<	0.0021	µg/L	EPA 608	0.0021	0.01			
2018/19-1	Lab	LCS	12/19/2018	Pesticide	Dieldrin	n/a	=	0.0354	µg/L	EPA 608	0.0021	0.01			
2018/19-1	Lab	LCS, rec	12/19/2018	Pesticide	Dieldrin	n/a	=	71	%	EPA 608	-88	-88	48	123	
2018/19-1	000NONPJ	matrix spike dup	1/3/2019	Pesticide	Dimethoate	n/a	=	0.216	µg/L	EPA 525.2m	0.0062	0.01			GB,IL
2018/19-1	000NONPJ	matrix spike dup, rec	1/3/2019	Pesticide	Dimethoate	n/a	=	432	%	EPA 525.2m	-88	-88	4	222	GB,IL
2018/19-1	000NONPJ	matrix spike, RPD	1/3/2019	Pesticide	Dimethoate	n/a	=	68	%	EPA 525.2m	-88	-88	0	30	GB,IL
2018/19-1	000NONPJ	matrix spike	1/3/2019	Pesticide	Dimethoate	n/a	=	0.107	µg/L	EPA 525.2m	0.0062	0.01			
2018/19-1	000NONPJ	matrix spike, rec	1/3/2019	Pesticide	Dimethoate	n/a	=	214	%	EPA 525.2m	-88	-88	4	222	
2018/19-1	Lab	method blank	12/12/2018	Pesticide	Dimethoate	n/a	<	0.0062	µg/L	EPA 525.2m	0.0062	0.01			
2018/19-1	Lab	LCS	12/12/2018	Pesticide	Dimethoate	n/a	=	0.0386	µg/L	EPA 525.2m	0.0062	0.01			
2018/19-1	Lab	LCS, rec	12/12/2018	Pesticide	Dimethoate	n/a	=	77	%	EPA 525.2m	-88	-88	10	234	
2018/19-1	Lab	method blank	12/14/2018	Pesticide	Dimethoate	n/a	<	0.024	µg/L	EPA 525.2	0.024	0.2			
2018/19-1	Lab	LCS	12/14/2018	Pesticide	Dimethoate	n/a	=	4.2	µg/L	EPA 525.2	0.024	0.2			
2018/19-1	Lab	LCS, rec	12/14/2018	Pesticide	Dimethoate	n/a	=	84	%	EPA 525.2	-88	-88	50	120	
2018/19-1	Lab	LCS dup	12/14/2018	Pesticide	Dimethoate	n/a	=	4.57	µg/L	EPA 525.2	0.024	0.2			
2018/19-1	Lab	LCS dup, rec	12/14/2018	Pesticide	Dimethoate	n/a	=	91	%	EPA 525.2	-88	-88	50	120	
2018/19-1	Lab	LCS, RPD	12/14/2018	Pesticide	Dimethoate	n/a	=	9	%	EPA 525.2	-88	-88	0	30	
2018/19-1	Lab	method blank	1/3/2019	Pesticide	Dimethoate	n/a	<	0.0062	µg/L	EPA 525.2m	0.0062	0.01			
2018/19-1	Lab	LCS	1/3/2019	Pesticide	Dimethoate	n/a	=	0.0545	µg/L	EPA 525.2m	0.0062	0.01			
2018/19-1	Lab	LCS, rec	1/3/2019	Pesticide	Dimethoate	n/a	=	109	%	EPA 525.2m	-88	-88	10	234	
2018/19-1	MO-VEN	matrix spike	12/12/2018	Pesticide	Dimethoate	n/a	=	0.153	µg/L	EPA 525.2m	0.012	0.02			
2018/19-1	MO-VEN	matrix spike, rec	12/12/2018	Pesticide	Dimethoate	n/a	=	153	%	EPA 525.2m	-88	-88	4	222	
2018/19-1	MO-VEN	matrix spike dup	12/12/2018	Pesticide	Dimethoate	n/a	=	0.119	µg/L	EPA 525.2m	0.012	0.02			
2018/19-1	MO-VEN	matrix spike dup, rec	12/12/2018	Pesticide	Dimethoate	n/a	=	119	%	EPA 525.2m	-88	-88	4	222	
2018/19-1	MO-VEN	matrix spike, RPD	12/12/2018	Pesticide	Dimethoate	n/a	=	25	%	EPA 525.2m	-88	-88	0	30	
2018/19-1	000NONPJ	matrix spike	12/14/2018	Pesticide	Dinoseb	n/a	=	4.32	µg/L	EPA 515.3	0.14	0.4			
2018/19-1	000NONPJ	matrix spike, rec	12/14/2018	Pesticide	Dinoseb	n/a	=	104	%	EPA 515.3	-88	-88	70	130	
2018/19-1	000NONPJ	matrix spike dup	12/14/2018	Pesticide	Dinoseb	n/a	=	4.15	µg/L	EPA 515.3	0.14	0.4			
2018/19-1	000NONPJ	matrix spike dup, rec	12/14/2018	Pesticide	Dinoseb	n/a	=	100	%	EPA 515.3	-88	-88	70	130	
2018/19-1	000NONPJ	matrix spike, RPD	12/14/2018	Pesticide	Dinoseb	n/a	=	4	%	EPA 515.3	-88	-88	0	30	
2018/19-1	000NONPJ	matrix spike	12/14/2018	Pesticide	Dinoseb	n/a	=	4.14	µg/L	EPA 515.3	0.14	0.4			
2018/19-1	000NONPJ	matrix spike, rec	12/14/2018	Pesticide	Dinoseb	n/a	=	104	%	EPA 515.3	-88	-88	70	130	
2018/19-1	000NONPJ	matrix spike dup	12/14/2018	Pesticide	Dinoseb	n/a	=	4.54	µg/L	EPA 515.3	0.14	0.4			
2018/19-1	000NONPJ	matrix spike dup, rec	12/14/2018	Pesticide	Dinoseb	n/a	=	113	%	EPA 515.3	-88	-88	70	130	
2018/19-1	000NONPJ	matrix spike, RPD	12/14/2018	Pesticide	Dinoseb	n/a	=	9	%	EPA 515.3	-88	-88	0	30	
2018/19-1	Lab	method blank	12/14/2018	Pesticide	Dinoseb	n/a	<	0.14	µg/L	EPA 515.3	0.14	0.4			
2018/19-1	Lab	LCS	12/14/2018	Pesticide	Dinoseb	n/a	=	4.1	µg/L	EPA 515.3	0.14	0.4			
2018/19-1	Lab	LCS, rec	12/14/2018	Pesticide	Dinoseb	n/a	=	102	%	EPA 515.3	-88	-88	70	130	
2018/19-1	Lab	method blank	12/14/2018	Pesticide	Diphenamid	n/a	<	0.024	µg/L	EPA 525.2	0.024	0.1			
2018/19-1	Lab	LCS	12/14/2018	Pesticide	Diphenamid	n/a	=	5.18	µg/L	EPA 525.2	0.024	0.1			
2018/19-1	Lab	LCS, rec	12/14/2018	Pesticide	Diphenamid	n/a	=	104	%	EPA 525.2	-88	-88	70	130	
2018/19-1	Lab	LCS dup	12/14/2018	Pesticide	Diphenamid	n/a	=	5.37	µg/L	EPA 525.2	0.024	0.1			
2018/19-1	Lab	LCS dup, rec	12/14/2018	Pesticide	Diphenamid	n/a	=	107	%	EPA 525.2	-88	-88	70	130	
2018/19-1	Lab	LCS, RPD	12/14/2018	Pesticide	Diphenamid	n/a	=	4	%	EPA 525.2	-88	-88	0	30	
2018/19-1	000NONPJ	matrix spike dup	1/3/2019	Pesticide	Disulfoton	n/a	=	0.132	µg/L	EPA 525.2m	0.01	0.01			GB,IL
2018/19-1	000NONPJ	matrix spike dup, rec	1/3/2019	Pesticide	Disulfoton	n/a	=	264	%	EPA 525.2m	-88	-88	12	199	GB,IL
2018/19-1	000NONPJ	matrix spike, RPD	1/3/2019	Pesticide	Disulfoton	n/a	=	66	%	EPA 525.2m	-88	-88	0	30	GB,IL

Appendix F
Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2018/19-1	000NONPJ	matrix spike	1/3/2019	Pesticide	Disulfoton	n/a	=	0.0668	µg/L	EPA 525.2m	0.01	0.01			
2018/19-1	000NONPJ	matrix spike, rec	1/3/2019	Pesticide	Disulfoton	n/a	=	134	%	EPA 525.2m	-88	-88	12	199	
2018/19-1	Lab	method blank	12/12/2018	Pesticide	Disulfoton	n/a	<	0.01	µg/L	EPA 525.2m	0.01	0.01			
2018/19-1	Lab	LCS	12/12/2018	Pesticide	Disulfoton	n/a	=	0.0355	µg/L	EPA 525.2m	0.01	0.01			
2018/19-1	Lab	LCS, rec	12/12/2018	Pesticide	Disulfoton	n/a	=	71	%	EPA 525.2m	-88	-88	0.1	212	
2018/19-1	Lab	method blank	12/14/2018	Pesticide	Disulfoton	n/a	<	0.031	µg/L	EPA 525.2	0.031	0.1			
2018/19-1	Lab	LCS	12/14/2018	Pesticide	Disulfoton	n/a	=	3.55	µg/L	EPA 525.2	0.031	0.1			
2018/19-1	Lab	LCS, rec	12/14/2018	Pesticide	Disulfoton	n/a	=	71	%	EPA 525.2	-88	-88	50	120	
2018/19-1	Lab	LCS dup	12/14/2018	Pesticide	Disulfoton	n/a	=	3.68	µg/L	EPA 525.2	0.031	0.1			
2018/19-1	Lab	LCS dup, rec	12/14/2018	Pesticide	Disulfoton	n/a	=	74	%	EPA 525.2	-88	-88	50	120	
2018/19-1	Lab	LCS, RPD	12/14/2018	Pesticide	Disulfoton	n/a	=	4	%	EPA 525.2	-88	-88	0	30	
2018/19-1	Lab	method blank	1/3/2019	Pesticide	Disulfoton	n/a	<	0.01	µg/L	EPA 525.2m	0.01	0.01			
2018/19-1	Lab	LCS	1/3/2019	Pesticide	Disulfoton	n/a	=	0.0538	µg/L	EPA 525.2m	0.01	0.01			
2018/19-1	Lab	LCS, rec	1/3/2019	Pesticide	Disulfoton	n/a	=	108	%	EPA 525.2m	-88	-88	0.1	212	
2018/19-1	MO-VEN	matrix spike	12/12/2018	Pesticide	Disulfoton	n/a	=	0.175	µg/L	EPA 525.2m	0.02	0.02			
2018/19-1	MO-VEN	matrix spike, rec	12/12/2018	Pesticide	Disulfoton	n/a	=	175	%	EPA 525.2m	-88	-88	12	199	
2018/19-1	MO-VEN	matrix spike dup	12/12/2018	Pesticide	Disulfoton	n/a	=	0.152	µg/L	EPA 525.2m	0.02	0.02			
2018/19-1	MO-VEN	matrix spike dup, rec	12/12/2018	Pesticide	Disulfoton	n/a	=	152	%	EPA 525.2m	-88	-88	12	199	
2018/19-1	MO-VEN	matrix spike, RPD	12/12/2018	Pesticide	Disulfoton	n/a	=	14	%	EPA 525.2m	-88	-88	0	30	
2018/19-1	000NONPJ	matrix spike	12/19/2018	Pesticide	Endosulfan I	n/a	=	0.0351	µg/L	EPA 608	0.0017	0.02			
2018/19-1	000NONPJ	matrix spike, rec	12/19/2018	Pesticide	Endosulfan I	n/a	=	35	%	EPA 608	-88	-88	0.1	140	
2018/19-1	000NONPJ	matrix spike dup	12/19/2018	Pesticide	Endosulfan I	n/a	=	0.0366	µg/L	EPA 608	0.0017	0.02			
2018/19-1	000NONPJ	matrix spike dup, rec	12/19/2018	Pesticide	Endosulfan I	n/a	=	37	%	EPA 608	-88	-88	0.1	140	
2018/19-1	000NONPJ	matrix spike, RPD	12/19/2018	Pesticide	Endosulfan I	n/a	=	4	%	EPA 608	-88	-88	0	30	
2018/19-1	Lab	method blank	12/19/2018	Pesticide	Endosulfan I	n/a	<	0.0017	µg/L	EPA 608	0.0017	0.02			
2018/19-1	Lab	LCS	12/19/2018	Pesticide	Endosulfan I	n/a	=	0.035	µg/L	EPA 608	0.0017	0.02			
2018/19-1	Lab	LCS, rec	12/19/2018	Pesticide	Endosulfan I	n/a	=	70	%	EPA 608	-88	-88	14	131	
2018/19-1	000NONPJ	matrix spike	12/19/2018	Pesticide	Endosulfan II	n/a	=	0.0416	µg/L	EPA 608	0.0019	0.01			
2018/19-1	000NONPJ	matrix spike, rec	12/19/2018	Pesticide	Endosulfan II	n/a	=	42	%	EPA 608	-88	-88	17	122	
2018/19-1	000NONPJ	matrix spike dup	12/19/2018	Pesticide	Endosulfan II	n/a	=	0.0396	µg/L	EPA 608	0.0019	0.01			
2018/19-1	000NONPJ	matrix spike dup, rec	12/19/2018	Pesticide	Endosulfan II	n/a	=	40	%	EPA 608	-88	-88	17	122	
2018/19-1	000NONPJ	matrix spike, RPD	12/19/2018	Pesticide	Endosulfan II	n/a	=	5	%	EPA 608	-88	-88	0	30	
2018/19-1	Lab	method blank	12/19/2018	Pesticide	Endosulfan II	n/a	<	0.0019	µg/L	EPA 608	0.0019	0.01			
2018/19-1	Lab	LCS	12/19/2018	Pesticide	Endosulfan II	n/a	=	0.0404	µg/L	EPA 608	0.0019	0.01			
2018/19-1	Lab	LCS, rec	12/19/2018	Pesticide	Endosulfan II	n/a	=	81	%	EPA 608	-88	-88	40	121	
2018/19-1	000NONPJ	matrix spike	12/19/2018	Pesticide	Endosulfan sulfate	n/a	DNQ	0.0447	µg/L	EPA 608	0.008	0.05			
2018/19-1	000NONPJ	matrix spike, rec	12/19/2018	Pesticide	Endosulfan sulfate	n/a	=	45	%	EPA 608	-88	-88	37	131	
2018/19-1	000NONPJ	matrix spike dup	12/19/2018	Pesticide	Endosulfan sulfate	n/a	DNQ	0.0423	µg/L	EPA 608	0.008	0.05			
2018/19-1	000NONPJ	matrix spike dup, rec	12/19/2018	Pesticide	Endosulfan sulfate	n/a	=	42	%	EPA 608	-88	-88	37	131	
2018/19-1	000NONPJ	matrix spike, RPD	12/19/2018	Pesticide	Endosulfan sulfate	n/a	=	5	%	EPA 608	-88	-88	0	30	
2018/19-1	Lab	method blank	12/19/2018	Pesticide	Endosulfan sulfate	n/a	<	0.008	µg/L	EPA 608	0.008	0.05			
2018/19-1	Lab	LCS	12/19/2018	Pesticide	Endosulfan sulfate	n/a	DNQ	0.0499	µg/L	EPA 608	0.008	0.05			
2018/19-1	Lab	LCS, rec	12/19/2018	Pesticide	Endosulfan sulfate	n/a	=	100	%	EPA 608	-88	-88	44	140	
2018/19-1	000NONPJ	matrix spike	12/19/2018	Pesticide	Endrin	n/a	=	0.0448	µg/L	EPA 608	0.0028	0.01			
2018/19-1	000NONPJ	matrix spike, rec	12/19/2018	Pesticide	Endrin	n/a	=	45	%	EPA 608	-88	-88	42	144	
2018/19-1	000NONPJ	matrix spike dup	12/19/2018	Pesticide	Endrin	n/a	=	0.0437	µg/L	EPA 608	0.0028	0.01			
2018/19-1	000NONPJ	matrix spike dup, rec	12/19/2018	Pesticide	Endrin	n/a	=	44	%	EPA 608	-88	-88	42	144	

Appendix F
Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2018/19-1	000NONPJ	matrix spike, RPD	12/19/2018	Pesticide	Endrin	n/a	=	3	%	EPA 608	-88	-88	0	30	
2018/19-1	Lab	method blank	12/19/2018	Pesticide	Endrin	n/a	<	0.0028	µg/L	EPA 608	0.0028	0.01			
2018/19-1	Lab	LCS	12/19/2018	Pesticide	Endrin	n/a	=	0.0475	µg/L	EPA 608	0.0028	0.01			
2018/19-1	Lab	LCS, rec	12/19/2018	Pesticide	Endrin	n/a	=	95	%	EPA 608	-88	-88	40	143	
2018/19-1	000NONPJ	matrix spike	12/19/2018	Pesticide	Endrin aldehyde	n/a	=	0.0383	µg/L	EPA 608	0.003	0.01			
2018/19-1	000NONPJ	matrix spike, rec	12/19/2018	Pesticide	Endrin aldehyde	n/a	=	38	%	EPA 608	-88	-88	11	113	
2018/19-1	000NONPJ	matrix spike dup	12/19/2018	Pesticide	Endrin aldehyde	n/a	=	0.0391	µg/L	EPA 608	0.003	0.01			
2018/19-1	000NONPJ	matrix spike dup, rec	12/19/2018	Pesticide	Endrin aldehyde	n/a	=	39	%	EPA 608	-88	-88	11	113	
2018/19-1	000NONPJ	matrix spike, RPD	12/19/2018	Pesticide	Endrin aldehyde	n/a	=	2	%	EPA 608	-88	-88	0	30	
2018/19-1	Lab	method blank	12/19/2018	Pesticide	Endrin aldehyde	n/a	<	0.003	µg/L	EPA 608	0.003	0.01			
2018/19-1	Lab	LCS	12/19/2018	Pesticide	Endrin aldehyde	n/a	=	0.0434	µg/L	EPA 608	0.003	0.01			
2018/19-1	Lab	LCS, rec	12/19/2018	Pesticide	Endrin aldehyde	n/a	=	87	%	EPA 608	-88	-88	18	136	
2018/19-1	Lab	method blank	12/14/2018	Pesticide	EPTC	n/a	<	0.017	µg/L	EPA 525.2	0.017	1			
2018/19-1	Lab	LCS	12/14/2018	Pesticide	EPTC	n/a	=	4.85	µg/L	EPA 525.2	0.017	1			
2018/19-1	Lab	LCS, rec	12/14/2018	Pesticide	EPTC	n/a	=	97	%	EPA 525.2	-88	-88	70	130	
2018/19-1	Lab	LCS dup	12/14/2018	Pesticide	EPTC	n/a	=	4.83	µg/L	EPA 525.2	0.017	1			
2018/19-1	Lab	LCS dup, rec	12/14/2018	Pesticide	EPTC	n/a	=	97	%	EPA 525.2	-88	-88	70	130	
2018/19-1	Lab	LCS, RPD	12/14/2018	Pesticide	EPTC	n/a	=	0.4	%	EPA 525.2	-88	-88	0	30	
2018/19-1	000NONPJ	matrix spike dup	1/3/2019	Pesticide	Ethoprop	n/a	=	0.187	µg/L	EPA 525.2m	0.0067	0.01			GB,IL
2018/19-1	000NONPJ	matrix spike dup, rec	1/3/2019	Pesticide	Ethoprop	n/a	=	374	%	EPA 525.2m	-88	-88	51	167	GB,IL
2018/19-1	000NONPJ	matrix spike, RPD	1/3/2019	Pesticide	Ethoprop	n/a	=	72	%	EPA 525.2m	-88	-88	0	30	GB,IL
2018/19-1	000NONPJ	matrix spike	1/3/2019	Pesticide	Ethoprop	n/a	=	0.0879	µg/L	EPA 525.2m	0.0067	0.01			GB,IL
2018/19-1	000NONPJ	matrix spike, rec	1/3/2019	Pesticide	Ethoprop	n/a	=	176	%	EPA 525.2m	-88	-88	51	167	GB,IL
2018/19-1	Lab	method blank	12/12/2018	Pesticide	Ethoprop	n/a	<	0.0067	µg/L	EPA 525.2m	0.0067	0.01			
2018/19-1	Lab	LCS	12/12/2018	Pesticide	Ethoprop	n/a	=	0.0537	µg/L	EPA 525.2m	0.0067	0.01			
2018/19-1	Lab	LCS, rec	12/12/2018	Pesticide	Ethoprop	n/a	=	107	%	EPA 525.2m	-88	-88	53	163	
2018/19-1	Lab	method blank	1/3/2019	Pesticide	Ethoprop	n/a	<	0.0067	µg/L	EPA 525.2m	0.0067	0.01			
2018/19-1	Lab	LCS	1/3/2019	Pesticide	Ethoprop	n/a	=	0.0538	µg/L	EPA 525.2m	0.0067	0.01			
2018/19-1	Lab	LCS, rec	1/3/2019	Pesticide	Ethoprop	n/a	=	108	%	EPA 525.2m	-88	-88	53	163	
2018/19-1	MO-VEN	matrix spike	12/12/2018	Pesticide	Ethoprop	n/a	=	0.177	µg/L	EPA 525.2m	0.013	0.02			GB
2018/19-1	MO-VEN	matrix spike, rec	12/12/2018	Pesticide	Ethoprop	n/a	=	177	%	EPA 525.2m	-88	-88	51	167	GB
2018/19-1	MO-VEN	matrix spike dup	12/12/2018	Pesticide	Ethoprop	n/a	=	0.173	µg/L	EPA 525.2m	0.013	0.02			GB
2018/19-1	MO-VEN	matrix spike dup, rec	12/12/2018	Pesticide	Ethoprop	n/a	=	173	%	EPA 525.2m	-88	-88	51	167	GB
2018/19-1	MO-VEN	matrix spike, RPD	12/12/2018	Pesticide	Ethoprop	n/a	=	2	%	EPA 525.2m	-88	-88	0	30	
2018/19-1	000NONPJ	matrix spike dup	1/3/2019	Pesticide	Ethyl parathion	n/a	=	0.118	µg/L	EPA 525.2m	0.0054	0.01			GB,IL
2018/19-1	000NONPJ	matrix spike dup, rec	1/3/2019	Pesticide	Ethyl parathion	n/a	=	237	%	EPA 525.2m	-88	-88	5	229	GB,IL
2018/19-1	000NONPJ	matrix spike, RPD	1/3/2019	Pesticide	Ethyl parathion	n/a	=	45	%	EPA 525.2m	-88	-88	0	30	GB,IL
2018/19-1	000NONPJ	matrix spike	1/3/2019	Pesticide	Ethyl parathion	n/a	=	0.0745	µg/L	EPA 525.2m	0.0054	0.01			
2018/19-1	000NONPJ	matrix spike, rec	1/3/2019	Pesticide	Ethyl parathion	n/a	=	149	%	EPA 525.2m	-88	-88	5	229	
2018/19-1	Lab	method blank	12/12/2018	Pesticide	Ethyl parathion	n/a	<	0.0054	µg/L	EPA 525.2m	0.0054	0.01			
2018/19-1	Lab	LCS	12/12/2018	Pesticide	Ethyl parathion	n/a	=	0.0533	µg/L	EPA 525.2m	0.0054	0.01			
2018/19-1	Lab	LCS, rec	12/12/2018	Pesticide	Ethyl parathion	n/a	=	107	%	EPA 525.2m	-88	-88	7	230	
2018/19-1	Lab	method blank	1/3/2019	Pesticide	Ethyl parathion	n/a	<	0.0054	µg/L	EPA 525.2m	0.0054	0.01			
2018/19-1	Lab	LCS	1/3/2019	Pesticide	Ethyl parathion	n/a	=	0.0471	µg/L	EPA 525.2m	0.0054	0.01			
2018/19-1	Lab	LCS, rec	1/3/2019	Pesticide	Ethyl parathion	n/a	=	94	%	EPA 525.2m	-88	-88	7	230	
2018/19-1	MO-VEN	matrix spike	12/12/2018	Pesticide	Ethyl parathion	n/a	=	0.148	µg/L	EPA 525.2m	0.011	0.02			
2018/19-1	MO-VEN	matrix spike, rec	12/12/2018	Pesticide	Ethyl parathion	n/a	=	148	%	EPA 525.2m	-88	-88	5	229	

Appendix F
Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2018/19-1	MO-VEN	matrix spike dup	12/12/2018	Pesticide	Ethyl parathion	n/a	=	0.114	µg/L	EPA 525.2m	0.011	0.02			
2018/19-1	MO-VEN	matrix spike dup, rec	12/12/2018	Pesticide	Ethyl parathion	n/a	=	114	%	EPA 525.2m	-88	-88	5	229	
2018/19-1	MO-VEN	matrix spike, RPD	12/12/2018	Pesticide	Ethyl parathion	n/a	=	26	%	EPA 525.2m	-88	-88	0	30	
2018/19-1	000NONPJ	matrix spike dup	1/3/2019	Pesticide	Fensulfothion	n/a	=	0.232	µg/L	EPA 525.2m	0.0029	0.01			GB,IL
2018/19-1	000NONPJ	matrix spike dup, rec	1/3/2019	Pesticide	Fensulfothion	n/a	=	464	%	EPA 525.2m	-88	-88	0.1	316	GB,IL
2018/19-1	000NONPJ	matrix spike, RPD	1/3/2019	Pesticide	Fensulfothion	n/a	=	48	%	EPA 525.2m	-88	-88	0	30	GB,IL
2018/19-1	000NONPJ	matrix spike	1/3/2019	Pesticide	Fensulfothion	n/a	=	0.142	µg/L	EPA 525.2m	0.0029	0.01			
2018/19-1	000NONPJ	matrix spike, rec	1/3/2019	Pesticide	Fensulfothion	n/a	=	284	%	EPA 525.2m	-88	-88	0.1	316	
2018/19-1	Lab	method blank	12/12/2018	Pesticide	Fensulfothion	n/a	<	0.0029	µg/L	EPA 525.2m	0.0029	0.01			
2018/19-1	Lab	LCS	12/12/2018	Pesticide	Fensulfothion	n/a	=	0.0576	µg/L	EPA 525.2m	0.0029	0.01			
2018/19-1	Lab	LCS, rec	12/12/2018	Pesticide	Fensulfothion	n/a	=	115	%	EPA 525.2m	-88	-88	0.1	265	
2018/19-1	Lab	method blank	1/3/2019	Pesticide	Fensulfothion	n/a	<	0.0029	µg/L	EPA 525.2m	0.0029	0.01			
2018/19-1	Lab	LCS	1/3/2019	Pesticide	Fensulfothion	n/a	=	0.1	µg/L	EPA 525.2m	0.0029	0.01			
2018/19-1	Lab	LCS, rec	1/3/2019	Pesticide	Fensulfothion	n/a	=	200	%	EPA 525.2m	-88	-88	0.1	265	
2018/19-1	MO-VEN	matrix spike	12/12/2018	Pesticide	Fensulfothion	n/a	=	0.123	µg/L	EPA 525.2m	0.0058	0.02			
2018/19-1	MO-VEN	matrix spike, rec	12/12/2018	Pesticide	Fensulfothion	n/a	=	123	%	EPA 525.2m	-88	-88	0.1	316	
2018/19-1	MO-VEN	matrix spike dup	12/12/2018	Pesticide	Fensulfothion	n/a	=	0.141	µg/L	EPA 525.2m	0.0058	0.02			
2018/19-1	MO-VEN	matrix spike dup, rec	12/12/2018	Pesticide	Fensulfothion	n/a	=	141	%	EPA 525.2m	-88	-88	0.1	316	
2018/19-1	MO-VEN	matrix spike, RPD	12/12/2018	Pesticide	Fensulfothion	n/a	=	14	%	EPA 525.2m	-88	-88	0	30	
2018/19-1	000NONPJ	matrix spike dup	1/3/2019	Pesticide	Fenthion	n/a	=	0.152	µg/L	EPA 525.2m	0.0038	0.01			GB,IL
2018/19-1	000NONPJ	matrix spike dup, rec	1/3/2019	Pesticide	Fenthion	n/a	=	303	%	EPA 525.2m	-88	-88	23	169	GB,IL
2018/19-1	000NONPJ	matrix spike, RPD	1/3/2019	Pesticide	Fenthion	n/a	=	67	%	EPA 525.2m	-88	-88	0	30	GB,IL
2018/19-1	000NONPJ	matrix spike	1/3/2019	Pesticide	Fenthion	n/a	=	0.0756	µg/L	EPA 525.2m	0.0038	0.01			
2018/19-1	000NONPJ	matrix spike, rec	1/3/2019	Pesticide	Fenthion	n/a	=	151	%	EPA 525.2m	-88	-88	23	169	
2018/19-1	Lab	method blank	12/12/2018	Pesticide	Fenthion	n/a	<	0.0038	µg/L	EPA 525.2m	0.0038	0.01			
2018/19-1	Lab	LCS	12/12/2018	Pesticide	Fenthion	n/a	=	0.0439	µg/L	EPA 525.2m	0.0038	0.01			
2018/19-1	Lab	LCS, rec	12/12/2018	Pesticide	Fenthion	n/a	=	88	%	EPA 525.2m	-88	-88	20	177	
2018/19-1	Lab	method blank	1/3/2019	Pesticide	Fenthion	n/a	<	0.0038	µg/L	EPA 525.2m	0.0038	0.01			
2018/19-1	Lab	LCS	1/3/2019	Pesticide	Fenthion	n/a	=	0.0513	µg/L	EPA 525.2m	0.0038	0.01			
2018/19-1	Lab	LCS, rec	1/3/2019	Pesticide	Fenthion	n/a	=	103	%	EPA 525.2m	-88	-88	20	177	
2018/19-1	MO-VEN	matrix spike	12/12/2018	Pesticide	Fenthion	n/a	=	0.201	µg/L	EPA 525.2m	0.0076	0.02			GB
2018/19-1	MO-VEN	matrix spike, rec	12/12/2018	Pesticide	Fenthion	n/a	=	201	%	EPA 525.2m	-88	-88	23	169	GB
2018/19-1	MO-VEN	matrix spike dup	12/12/2018	Pesticide	Fenthion	n/a	=	0.172	µg/L	EPA 525.2m	0.0076	0.02			GB
2018/19-1	MO-VEN	matrix spike dup, rec	12/12/2018	Pesticide	Fenthion	n/a	=	172	%	EPA 525.2m	-88	-88	23	169	GB
2018/19-1	MO-VEN	matrix spike, RPD	12/12/2018	Pesticide	Fenthion	n/a	=	15	%	EPA 525.2m	-88	-88	0	30	
2018/19-1	000NONPJ	matrix spike	12/19/2018	Pesticide	gamma-BHC (Lindane)	n/a	=	0.0369	µg/L	EPA 608	0.0021	0.02			
2018/19-1	000NONPJ	matrix spike, rec	12/19/2018	Pesticide	gamma-BHC (Lindane)	n/a	=	37	%	EPA 608	-88	-88	33	112	
2018/19-1	000NONPJ	matrix spike dup	12/19/2018	Pesticide	gamma-BHC (Lindane)	n/a	=	0.0332	µg/L	EPA 608	0.0021	0.02			
2018/19-1	000NONPJ	matrix spike dup, rec	12/19/2018	Pesticide	gamma-BHC (Lindane)	n/a	=	33	%	EPA 608	-88	-88	33	112	
2018/19-1	000NONPJ	matrix spike, RPD	12/19/2018	Pesticide	gamma-BHC (Lindane)	n/a	=	10	%	EPA 608	-88	-88	0	30	
2018/19-1	Lab	method blank	12/19/2018	Pesticide	gamma-BHC (Lindane)	n/a	<	0.0021	µg/L	EPA 608	0.0021	0.02			
2018/19-1	Lab	LCS	12/19/2018	Pesticide	gamma-BHC (Lindane)	n/a	=	0.0355	µg/L	EPA 608	0.0021	0.02			
2018/19-1	Lab	LCS, rec	12/19/2018	Pesticide	gamma-BHC (Lindane)	n/a	=	71	%	EPA 608	-88	-88	49	117	
2018/19-1	000NONPJ	matrix spike	11/28/2018	Pesticide	Glyphosate	n/a	=	20.4	µg/L	EPA 547	1.8	5			
2018/19-1	000NONPJ	matrix spike, rec	11/28/2018	Pesticide	Glyphosate	n/a	=	82	%	EPA 547	-88	-88	41	149	
2018/19-1	000NONPJ	matrix spike dup	11/28/2018	Pesticide	Glyphosate	n/a	=	28.4	µg/L	EPA 547	1.8	5			IL
2018/19-1	000NONPJ	matrix spike dup, rec	11/28/2018	Pesticide	Glyphosate	n/a	=	113	%	EPA 547	-88	-88	41	149	IL

Appendix F
Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2018/19-1	000NONPJ	matrix spike, RPD	11/28/2018	Pesticide	Glyphosate	n/a	=	33	%	EPA 547	-88	-88	0	30	IL
2018/19-1	000NONPJ	matrix spike	11/28/2018	Pesticide	Glyphosate	n/a	=	26.3	µg/L	EPA 547	1.8	5			
2018/19-1	000NONPJ	matrix spike, rec	11/28/2018	Pesticide	Glyphosate	n/a	=	105	%	EPA 547	-88	-88	41	149	
2018/19-1	000NONPJ	matrix spike dup	11/28/2018	Pesticide	Glyphosate	n/a	=	26.4	µg/L	EPA 547	1.8	5			
2018/19-1	000NONPJ	matrix spike dup, rec	11/28/2018	Pesticide	Glyphosate	n/a	=	106	%	EPA 547	-88	-88	41	149	
2018/19-1	000NONPJ	matrix spike, RPD	11/28/2018	Pesticide	Glyphosate	n/a	=	0.4	%	EPA 547	-88	-88	0	30	
2018/19-1	Lab	method blank	11/28/2018	Pesticide	Glyphosate	n/a	<	1.8	µg/L	EPA 547	1.8	5			
2018/19-1	Lab	LCS	11/28/2018	Pesticide	Glyphosate	n/a	=	25.6	µg/L	EPA 547	1.8	5			
2018/19-1	Lab	LCS, rec	11/28/2018	Pesticide	Glyphosate	n/a	=	102	%	EPA 547	-88	-88	70	130	
2018/19-1	000NONPJ	matrix spike	12/19/2018	Pesticide	Heptachlor	n/a	=	0.0371	µg/L	EPA 608	0.0017	0.01			
2018/19-1	000NONPJ	matrix spike, rec	12/19/2018	Pesticide	Heptachlor	n/a	=	37	%	EPA 608	-88	-88	28	131	
2018/19-1	000NONPJ	matrix spike dup	12/19/2018	Pesticide	Heptachlor	n/a	=	0.0344	µg/L	EPA 608	0.0017	0.01			
2018/19-1	000NONPJ	matrix spike dup, rec	12/19/2018	Pesticide	Heptachlor	n/a	=	34	%	EPA 608	-88	-88	28	131	
2018/19-1	000NONPJ	matrix spike, RPD	12/19/2018	Pesticide	Heptachlor	n/a	=	7	%	EPA 608	-88	-88	0	30	
2018/19-1	Lab	method blank	12/19/2018	Pesticide	Heptachlor	n/a	<	0.0017	µg/L	EPA 608	0.0017	0.01			
2018/19-1	Lab	LCS	12/19/2018	Pesticide	Heptachlor	n/a	=	0.0376	µg/L	EPA 608	0.0017	0.01			
2018/19-1	Lab	LCS, rec	12/19/2018	Pesticide	Heptachlor	n/a	=	75	%	EPA 608	-88	-88	31	130	
2018/19-1	000NONPJ	matrix spike	12/19/2018	Pesticide	Heptachlor epoxide	n/a	=	0.0383	µg/L	EPA 608	0.0019	0.01			
2018/19-1	000NONPJ	matrix spike, rec	12/19/2018	Pesticide	Heptachlor epoxide	n/a	=	38	%	EPA 608	-88	-88	36	117	
2018/19-1	000NONPJ	matrix spike dup	12/19/2018	Pesticide	Heptachlor epoxide	n/a	=	0.0396	µg/L	EPA 608	0.0019	0.01			
2018/19-1	000NONPJ	matrix spike dup, rec	12/19/2018	Pesticide	Heptachlor epoxide	n/a	=	40	%	EPA 608	-88	-88	36	117	
2018/19-1	000NONPJ	matrix spike, RPD	12/19/2018	Pesticide	Heptachlor epoxide	n/a	=	3	%	EPA 608	-88	-88	0	30	
2018/19-1	Lab	method blank	12/19/2018	Pesticide	Heptachlor epoxide	n/a	<	0.0019	µg/L	EPA 608	0.0019	0.01			
2018/19-1	Lab	LCS	12/19/2018	Pesticide	Heptachlor epoxide	n/a	=	0.0381	µg/L	EPA 608	0.0019	0.01			
2018/19-1	Lab	LCS, rec	12/19/2018	Pesticide	Heptachlor epoxide	n/a	=	76	%	EPA 608	-88	-88	49	122	
2018/19-1	000NONPJ	matrix spike dup	1/3/2019	Pesticide	Malathion	n/a	=	0.216	µg/L	EPA 525.2m	0.0076	0.01			GB,IL
2018/19-1	000NONPJ	matrix spike dup, rec	1/3/2019	Pesticide	Malathion	n/a	=	337	%	EPA 525.2m	-88	-88	6	184	GB,IL
2018/19-1	000NONPJ	matrix spike, RPD	1/3/2019	Pesticide	Malathion	n/a	=	43	%	EPA 525.2m	-88	-88	0	30	GB,IL
2018/19-1	000NONPJ	matrix spike	1/3/2019	Pesticide	Malathion	n/a	=	0.139	µg/L	EPA 525.2m	0.0076	0.01			
2018/19-1	000NONPJ	matrix spike, rec	1/3/2019	Pesticide	Malathion	n/a	=	184	%	EPA 525.2m	-88	-88	6	184	
2018/19-1	Lab	method blank	12/12/2018	Pesticide	Malathion	n/a	<	0.0076	µg/L	EPA 525.2m	0.0076	0.01			
2018/19-1	Lab	LCS	12/12/2018	Pesticide	Malathion	n/a	=	0.0585	µg/L	EPA 525.2m	0.0076	0.01			
2018/19-1	Lab	LCS, rec	12/12/2018	Pesticide	Malathion	n/a	=	117	%	EPA 525.2m	-88	-88	14	175	
2018/19-1	Lab	method blank	1/3/2019	Pesticide	Malathion	n/a	<	0.0076	µg/L	EPA 525.2m	0.0076	0.01			
2018/19-1	Lab	LCS	1/3/2019	Pesticide	Malathion	n/a	=	0.0507	µg/L	EPA 525.2m	0.0076	0.01			
2018/19-1	Lab	LCS, rec	1/3/2019	Pesticide	Malathion	n/a	=	101	%	EPA 525.2m	-88	-88	14	175	
2018/19-1	MO-VEN	matrix spike	12/12/2018	Pesticide	Malathion	n/a	=	0.38	µg/L	EPA 525.2m	0.015	0.02			GB
2018/19-1	MO-VEN	matrix spike, rec	12/12/2018	Pesticide	Malathion	n/a	=	234	%	EPA 525.2m	-88	-88	6	184	GB
2018/19-1	MO-VEN	matrix spike dup	12/12/2018	Pesticide	Malathion	n/a	=	0.303	µg/L	EPA 525.2m	0.015	0.02			
2018/19-1	MO-VEN	matrix spike dup, rec	12/12/2018	Pesticide	Malathion	n/a	=	157	%	EPA 525.2m	-88	-88	6	184	
2018/19-1	MO-VEN	matrix spike, RPD	12/12/2018	Pesticide	Malathion	n/a	=	23	%	EPA 525.2m	-88	-88	0	30	
2018/19-1	000NONPJ	matrix spike dup	1/3/2019	Pesticide	Merphos	n/a	=	0.186	µg/L	EPA 525.2m	0.0058	0.01			GB
2018/19-1	000NONPJ	matrix spike dup, rec	1/3/2019	Pesticide	Merphos	n/a	=	371	%	EPA 525.2m	-88	-88	3	210	GB
2018/19-1	000NONPJ	matrix spike, RPD	1/3/2019	Pesticide	Merphos	n/a	=	28	%	EPA 525.2m	-88	-88	0	30	
2018/19-1	000NONPJ	matrix spike	1/3/2019	Pesticide	Merphos	n/a	=	0.141	µg/L	EPA 525.2m	0.0058	0.01			GB
2018/19-1	000NONPJ	matrix spike, rec	1/3/2019	Pesticide	Merphos	n/a	=	281	%	EPA 525.2m	-88	-88	3	210	GB
2018/19-1	Lab	method blank	12/12/2018	Pesticide	Merphos	n/a	<	0.0058	µg/L	EPA 525.2m	0.0058	0.01			

Appendix F
Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2018/19-1	Lab	LCS	12/12/2018	Pesticide	Merphos	n/a	=	0.0388	µg/L	EPA 525.2m	0.0058	0.01			
2018/19-1	Lab	LCS, rec	12/12/2018	Pesticide	Merphos	n/a	=	78	%	EPA 525.2m	-88	-88	28	181	
2018/19-1	Lab	method blank	1/3/2019	Pesticide	Merphos	n/a	<	0.0058	µg/L	EPA 525.2m	0.0058	0.01			
2018/19-1	Lab	LCS	1/3/2019	Pesticide	Merphos	n/a	=	0.128	µg/L	EPA 525.2m	0.0058	0.01			EUM
2018/19-1	Lab	LCS, rec	1/3/2019	Pesticide	Merphos	n/a	=	256	%	EPA 525.2m	-88	-88	28	181	EUM
2018/19-1	MO-VEN	matrix spike	12/12/2018	Pesticide	Merphos	n/a	=	0.0778	µg/L	EPA 525.2m	0.012	0.02			
2018/19-1	MO-VEN	matrix spike, rec	12/12/2018	Pesticide	Merphos	n/a	=	78	%	EPA 525.2m	-88	-88	3	210	
2018/19-1	MO-VEN	matrix spike dup	12/12/2018	Pesticide	Merphos	n/a	=	0.0774	µg/L	EPA 525.2m	0.012	0.02			
2018/19-1	MO-VEN	matrix spike dup, rec	12/12/2018	Pesticide	Merphos	n/a	=	77	%	EPA 525.2m	-88	-88	3	210	
2018/19-1	MO-VEN	matrix spike, RPD	12/12/2018	Pesticide	Merphos	n/a	=	0.5	%	EPA 525.2m	-88	-88	0	30	
2018/19-1	000NONPJ	matrix spike dup	1/3/2019	Pesticide	Methyl parathion	n/a	=	0.14	µg/L	EPA 525.2m	0.0063	0.01			GB,IL
2018/19-1	000NONPJ	matrix spike dup, rec	1/3/2019	Pesticide	Methyl parathion	n/a	=	280	%	EPA 525.2m	-88	-88	0.1	249	GB,IL
2018/19-1	000NONPJ	matrix spike, RPD	1/3/2019	Pesticide	Methyl parathion	n/a	=	65	%	EPA 525.2m	-88	-88	0	30	GB,IL
2018/19-1	000NONPJ	matrix spike	1/3/2019	Pesticide	Methyl parathion	n/a	=	0.0711	µg/L	EPA 525.2m	0.0063	0.01			
2018/19-1	000NONPJ	matrix spike, rec	1/3/2019	Pesticide	Methyl parathion	n/a	=	142	%	EPA 525.2m	-88	-88	0.1	249	
2018/19-1	Lab	method blank	12/12/2018	Pesticide	Methyl parathion	n/a	<	0.0063	µg/L	EPA 525.2m	0.0063	0.01			
2018/19-1	Lab	LCS	12/12/2018	Pesticide	Methyl parathion	n/a	=	0.0562	µg/L	EPA 525.2m	0.0063	0.01			
2018/19-1	Lab	LCS, rec	12/12/2018	Pesticide	Methyl parathion	n/a	=	112	%	EPA 525.2m	-88	-88	0.1	252	
2018/19-1	Lab	method blank	1/3/2019	Pesticide	Methyl parathion	n/a	<	0.0063	µg/L	EPA 525.2m	0.0063	0.01			
2018/19-1	Lab	LCS	1/3/2019	Pesticide	Methyl parathion	n/a	=	0.0537	µg/L	EPA 525.2m	0.0063	0.01			
2018/19-1	Lab	LCS, rec	1/3/2019	Pesticide	Methyl parathion	n/a	=	107	%	EPA 525.2m	-88	-88	0.1	252	
2018/19-1	MO-VEN	matrix spike	12/12/2018	Pesticide	Methyl parathion	n/a	=	0.165	µg/L	EPA 525.2m	0.013	0.02			
2018/19-1	MO-VEN	matrix spike, rec	12/12/2018	Pesticide	Methyl parathion	n/a	=	165	%	EPA 525.2m	-88	-88	0.1	249	
2018/19-1	MO-VEN	matrix spike dup	12/12/2018	Pesticide	Methyl parathion	n/a	=	0.138	µg/L	EPA 525.2m	0.013	0.02			
2018/19-1	MO-VEN	matrix spike dup, rec	12/12/2018	Pesticide	Methyl parathion	n/a	=	138	%	EPA 525.2m	-88	-88	0.1	249	
2018/19-1	MO-VEN	matrix spike, RPD	12/12/2018	Pesticide	Methyl parathion	n/a	=	18	%	EPA 525.2m	-88	-88	0	30	
2018/19-1	Lab	method blank	12/14/2018	Pesticide	Metolachlor	n/a	<	0.012	µg/L	EPA 525.2	0.012	0.1			
2018/19-1	Lab	LCS	12/14/2018	Pesticide	Metolachlor	n/a	=	5.06	µg/L	EPA 525.2	0.012	0.1			
2018/19-1	Lab	LCS, rec	12/14/2018	Pesticide	Metolachlor	n/a	=	101	%	EPA 525.2	-88	-88	60	130	
2018/19-1	Lab	LCS dup	12/14/2018	Pesticide	Metolachlor	n/a	=	5.12	µg/L	EPA 525.2	0.012	0.1			
2018/19-1	Lab	LCS dup, rec	12/14/2018	Pesticide	Metolachlor	n/a	=	102	%	EPA 525.2	-88	-88	60	130	
2018/19-1	Lab	LCS, RPD	12/14/2018	Pesticide	Metolachlor	n/a	=	1	%	EPA 525.2	-88	-88	0	30	
2018/19-1	Lab	method blank	12/14/2018	Pesticide	Metribuzin	n/a	<	0.015	µg/L	EPA 525.2	0.015	0.1			
2018/19-1	Lab	LCS	12/14/2018	Pesticide	Metribuzin	n/a	=	4.37	µg/L	EPA 525.2	0.015	0.1			
2018/19-1	Lab	LCS, rec	12/14/2018	Pesticide	Metribuzin	n/a	=	87	%	EPA 525.2	-88	-88	50	120	
2018/19-1	Lab	LCS dup	12/14/2018	Pesticide	Metribuzin	n/a	=	4.85	µg/L	EPA 525.2	0.015	0.1			
2018/19-1	Lab	LCS dup, rec	12/14/2018	Pesticide	Metribuzin	n/a	=	97	%	EPA 525.2	-88	-88	50	120	
2018/19-1	Lab	LCS, RPD	12/14/2018	Pesticide	Metribuzin	n/a	=	10	%	EPA 525.2	-88	-88	0	30	
2018/19-1	000NONPJ	matrix spike dup	1/3/2019	Pesticide	Mevinphos	n/a	=	0.18	µg/L	EPA 525.2m	0.0042	0.01			GB,IL
2018/19-1	000NONPJ	matrix spike dup, rec	1/3/2019	Pesticide	Mevinphos	n/a	=	360	%	EPA 525.2m	-88	-88	25	189	GB,IL
2018/19-1	000NONPJ	matrix spike, RPD	1/3/2019	Pesticide	Mevinphos	n/a	=	79	%	EPA 525.2m	-88	-88	0	30	GB,IL
2018/19-1	000NONPJ	matrix spike	1/3/2019	Pesticide	Mevinphos	n/a	=	0.0781	µg/L	EPA 525.2m	0.0042	0.01			
2018/19-1	000NONPJ	matrix spike, rec	1/3/2019	Pesticide	Mevinphos	n/a	=	156	%	EPA 525.2m	-88	-88	25	189	
2018/19-1	Lab	method blank	12/12/2018	Pesticide	Mevinphos	n/a	<	0.0042	µg/L	EPA 525.2m	0.0042	0.01			
2018/19-1	Lab	LCS	12/12/2018	Pesticide	Mevinphos	n/a	=	0.0397	µg/L	EPA 525.2m	0.0042	0.01			
2018/19-1	Lab	LCS, rec	12/12/2018	Pesticide	Mevinphos	n/a	=	79	%	EPA 525.2m	-88	-88	14	202	
2018/19-1	Lab	method blank	1/3/2019	Pesticide	Mevinphos	n/a	<	0.0042	µg/L	EPA 525.2m	0.0042	0.01			

Appendix F
Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2018/19-1	Lab	LCS	1/3/2019	Pesticide	Mevinphos	n/a	=	0.0505	µg/L	EPA 525.2m	0.0042	0.01			
2018/19-1	Lab	LCS, rec	1/3/2019	Pesticide	Mevinphos	n/a	=	101	%	EPA 525.2m	-88	-88	14	202	
2018/19-1	MO-VEN	matrix spike	12/12/2018	Pesticide	Mevinphos	n/a	=	0.121	µg/L	EPA 525.2m	0.0084	0.02			
2018/19-1	MO-VEN	matrix spike, rec	12/12/2018	Pesticide	Mevinphos	n/a	=	121	%	EPA 525.2m	-88	-88	25	189	
2018/19-1	MO-VEN	matrix spike dup	12/12/2018	Pesticide	Mevinphos	n/a	=	0.135	µg/L	EPA 525.2m	0.0084	0.02			
2018/19-1	MO-VEN	matrix spike dup, rec	12/12/2018	Pesticide	Mevinphos	n/a	=	135	%	EPA 525.2m	-88	-88	25	189	
2018/19-1	MO-VEN	matrix spike, RPD	12/12/2018	Pesticide	Mevinphos	n/a	=	11	%	EPA 525.2m	-88	-88	0	30	
2018/19-1	Lab	method blank	12/14/2018	Pesticide	Molinate	n/a	<	0.039	µg/L	EPA 525.2	0.039	0.1			
2018/19-1	Lab	LCS	12/14/2018	Pesticide	Molinate	n/a	=	4.74	µg/L	EPA 525.2	0.039	0.1			
2018/19-1	Lab	LCS, rec	12/14/2018	Pesticide	Molinate	n/a	=	95	%	EPA 525.2	-88	-88	70	130	
2018/19-1	Lab	LCS dup	12/14/2018	Pesticide	Molinate	n/a	=	4.78	µg/L	EPA 525.2	0.039	0.1			
2018/19-1	Lab	LCS dup, rec	12/14/2018	Pesticide	Molinate	n/a	=	96	%	EPA 525.2	-88	-88	70	130	
2018/19-1	Lab	LCS, RPD	12/14/2018	Pesticide	Molinate	n/a	=	0.8	%	EPA 525.2	-88	-88	0	30	
2018/19-1	000NONPJ	matrix spike dup	1/3/2019	Pesticide	Naled	n/a	=	0.285	µg/L	EPA 525.2m	0.0076	0.01			GB,IL
2018/19-1	000NONPJ	matrix spike dup, rec	1/3/2019	Pesticide	Naled	n/a	=	569	%	EPA 525.2m	-88	-88	0.1	242	GB,IL
2018/19-1	000NONPJ	matrix spike, RPD	1/3/2019	Pesticide	Naled	n/a	=	56	%	EPA 525.2m	-88	-88	0	30	GB,IL
2018/19-1	000NONPJ	matrix spike	1/3/2019	Pesticide	Naled	n/a	=	0.161	µg/L	EPA 525.2m	0.0076	0.01			GB,IL
2018/19-1	000NONPJ	matrix spike, rec	1/3/2019	Pesticide	Naled	n/a	=	321	%	EPA 525.2m	-88	-88	0.1	242	GB,IL
2018/19-1	Lab	method blank	12/12/2018	Pesticide	Naled	n/a	<	0.0076	µg/L	EPA 525.2m	0.0076	0.01			
2018/19-1	Lab	LCS	12/12/2018	Pesticide	Naled	n/a	=	0.0573	µg/L	EPA 525.2m	0.0076	0.01			
2018/19-1	Lab	LCS, rec	12/12/2018	Pesticide	Naled	n/a	=	115	%	EPA 525.2m	-88	-88	0.1	240	
2018/19-1	Lab	method blank	1/3/2019	Pesticide	Naled	n/a	<	0.0076	µg/L	EPA 525.2m	0.0076	0.01			
2018/19-1	Lab	LCS	1/3/2019	Pesticide	Naled	n/a	=	0.127	µg/L	EPA 525.2m	0.0076	0.01			EUM
2018/19-1	Lab	LCS, rec	1/3/2019	Pesticide	Naled	n/a	=	254	%	EPA 525.2m	-88	-88	0.1	240	EUM
2018/19-1	MO-VEN	matrix spike	12/12/2018	Pesticide	Naled	n/a	=	0.173	µg/L	EPA 525.2m	0.015	0.02			
2018/19-1	MO-VEN	matrix spike, rec	12/12/2018	Pesticide	Naled	n/a	=	173	%	EPA 525.2m	-88	-88	0.1	242	
2018/19-1	MO-VEN	matrix spike dup	12/12/2018	Pesticide	Naled	n/a	=	0.152	µg/L	EPA 525.2m	0.015	0.02			
2018/19-1	MO-VEN	matrix spike dup, rec	12/12/2018	Pesticide	Naled	n/a	=	152	%	EPA 525.2m	-88	-88	0.1	242	
2018/19-1	MO-VEN	matrix spike, RPD	12/12/2018	Pesticide	Naled	n/a	=	13	%	EPA 525.2m	-88	-88	0	30	
2018/19-1	000NONPJ	matrix spike	12/14/2018	Pesticide	Pentachlorophenol	n/a	=	4.03	µg/L	EPA 515.3	0.04	0.2			
2018/19-1	000NONPJ	matrix spike, rec	12/14/2018	Pesticide	Pentachlorophenol	n/a	=	101	%	EPA 515.3	-88	-88	70	130	
2018/19-1	000NONPJ	matrix spike dup	12/14/2018	Pesticide	Pentachlorophenol	n/a	=	3.76	µg/L	EPA 515.3	0.04	0.2			
2018/19-1	000NONPJ	matrix spike dup, rec	12/14/2018	Pesticide	Pentachlorophenol	n/a	=	94	%	EPA 515.3	-88	-88	70	130	
2018/19-1	000NONPJ	matrix spike, RPD	12/14/2018	Pesticide	Pentachlorophenol	n/a	=	7	%	EPA 515.3	-88	-88	0	30	
2018/19-1	000NONPJ	matrix spike	12/14/2018	Pesticide	Pentachlorophenol	n/a	=	3.73	µg/L	EPA 515.3	0.04	0.2			
2018/19-1	000NONPJ	matrix spike, rec	12/14/2018	Pesticide	Pentachlorophenol	n/a	=	93	%	EPA 515.3	-88	-88	70	130	
2018/19-1	000NONPJ	matrix spike dup	12/14/2018	Pesticide	Pentachlorophenol	n/a	=	3.95	µg/L	EPA 515.3	0.04	0.2			
2018/19-1	000NONPJ	matrix spike dup, rec	12/14/2018	Pesticide	Pentachlorophenol	n/a	=	99	%	EPA 515.3	-88	-88	70	130	
2018/19-1	000NONPJ	matrix spike, RPD	12/14/2018	Pesticide	Pentachlorophenol	n/a	=	6	%	EPA 515.3	-88	-88	0	30	
2018/19-1	Lab	method blank	12/14/2018	Pesticide	Pentachlorophenol	n/a	<	0.04	µg/L	EPA 515.3	0.04	0.2			
2018/19-1	Lab	LCS	12/14/2018	Pesticide	Pentachlorophenol	n/a	=	3.82	µg/L	EPA 515.3	0.04	0.2			
2018/19-1	Lab	LCS, rec	12/14/2018	Pesticide	Pentachlorophenol	n/a	=	95	%	EPA 515.3	-88	-88	70	130	
2018/19-1	Lab	method blank	12/28/2018	Pesticide	Pentachlorophenol	n/a	<	0.19	µg/L	EPA 625	0.19	1			
2018/19-1	Lab	LCS	12/28/2018	Pesticide	Pentachlorophenol	n/a	=	23.9	µg/L	EPA 625	0.19	1			
2018/19-1	Lab	LCS, rec	12/28/2018	Pesticide	Pentachlorophenol	n/a	=	96	%	EPA 625	-88	-88	14	176	
2018/19-1	Lab	LCS dup	12/28/2018	Pesticide	Pentachlorophenol	n/a	=	19.4	µg/L	EPA 625	0.19	1			
2018/19-1	Lab	LCS dup, rec	12/28/2018	Pesticide	Pentachlorophenol	n/a	=	78	%	EPA 625	-88	-88	14	176	

Appendix F
Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2018/19-1	Lab	LCS, RPD	12/28/2018	Pesticide	Pentachlorophenol	n/a	=	21	%	EPA 625	-88	-88	0	30	
2018/19-1	Lab	method blank	1/2/2019	Pesticide	Pentachlorophenol	n/a	<	0.15	µg/L	EPA 8270C	0.15	1			
2018/19-1	Lab	LCS	1/2/2019	Pesticide	Pentachlorophenol	n/a	=	9.01	µg/L	EPA 8270C	0.15	1			
2018/19-1	Lab	LCS, rec	1/2/2019	Pesticide	Pentachlorophenol	n/a	=	90	%	EPA 8270C	-88	-88	29	106	
2018/19-1	Lab	LCS dup	1/2/2019	Pesticide	Pentachlorophenol	n/a	=	9.26	µg/L	EPA 8270C	0.15	1			
2018/19-1	Lab	LCS dup, rec	1/2/2019	Pesticide	Pentachlorophenol	n/a	=	93	%	EPA 8270C	-88	-88	29	106	
2018/19-1	Lab	LCS, RPD	1/2/2019	Pesticide	Pentachlorophenol	n/a	=	3	%	EPA 8270C	-88	-88	0	30	
2018/19-1	000NONPJ	matrix spike dup	1/3/2019	Pesticide	Phorate	n/a	=	0.16	µg/L	EPA 525.2m	0.003	0.01			GB,IL
2018/19-1	000NONPJ	matrix spike dup, rec	1/3/2019	Pesticide	Phorate	n/a	=	321	%	EPA 525.2m	-88	-88	31	181	GB,IL
2018/19-1	000NONPJ	matrix spike, RPD	1/3/2019	Pesticide	Phorate	n/a	=	70	%	EPA 525.2m	-88	-88	0	30	GB,IL
2018/19-1	000NONPJ	matrix spike	1/3/2019	Pesticide	Phorate	n/a	=	0.077	µg/L	EPA 525.2m	0.003	0.01			
2018/19-1	000NONPJ	matrix spike, rec	1/3/2019	Pesticide	Phorate	n/a	=	154	%	EPA 525.2m	-88	-88	31	181	
2018/19-1	Lab	method blank	12/12/2018	Pesticide	Phorate	n/a	<	0.003	µg/L	EPA 525.2m	0.003	0.01			
2018/19-1	Lab	LCS	12/12/2018	Pesticide	Phorate	n/a	=	0.0512	µg/L	EPA 525.2m	0.003	0.01			
2018/19-1	Lab	LCS, rec	12/12/2018	Pesticide	Phorate	n/a	=	102	%	EPA 525.2m	-88	-88	26	180	
2018/19-1	Lab	method blank	1/3/2019	Pesticide	Phorate	n/a	<	0.003	µg/L	EPA 525.2m	0.003	0.01			
2018/19-1	Lab	LCS	1/3/2019	Pesticide	Phorate	n/a	=	0.0527	µg/L	EPA 525.2m	0.003	0.01			
2018/19-1	Lab	LCS, rec	1/3/2019	Pesticide	Phorate	n/a	=	105	%	EPA 525.2m	-88	-88	26	180	
2018/19-1	MO-VEN	matrix spike	12/12/2018	Pesticide	Phorate	n/a	=	0.153	µg/L	EPA 525.2m	0.006	0.02			
2018/19-1	MO-VEN	matrix spike, rec	12/12/2018	Pesticide	Phorate	n/a	=	153	%	EPA 525.2m	-88	-88	31	181	
2018/19-1	MO-VEN	matrix spike dup	12/12/2018	Pesticide	Phorate	n/a	=	0.15	µg/L	EPA 525.2m	0.006	0.02			
2018/19-1	MO-VEN	matrix spike dup, rec	12/12/2018	Pesticide	Phorate	n/a	=	150	%	EPA 525.2m	-88	-88	31	181	
2018/19-1	MO-VEN	matrix spike, RPD	12/12/2018	Pesticide	Phorate	n/a	=	2	%	EPA 525.2m	-88	-88	0	30	
2018/19-1	000NONPJ	matrix spike	12/14/2018	Pesticide	Picloram	n/a	=	4.34	µg/L	EPA 515.3	0.05	0.6			
2018/19-1	000NONPJ	matrix spike, rec	12/14/2018	Pesticide	Picloram	n/a	=	106	%	EPA 515.3	-88	-88	70	130	
2018/19-1	000NONPJ	matrix spike dup	12/14/2018	Pesticide	Picloram	n/a	=	3.91	µg/L	EPA 515.3	0.05	0.6			
2018/19-1	000NONPJ	matrix spike dup, rec	12/14/2018	Pesticide	Picloram	n/a	=	95	%	EPA 515.3	-88	-88	70	130	
2018/19-1	000NONPJ	matrix spike, RPD	12/14/2018	Pesticide	Picloram	n/a	=	10	%	EPA 515.3	-88	-88	0	30	
2018/19-1	000NONPJ	matrix spike	12/14/2018	Pesticide	Picloram	n/a	=	4.17	µg/L	EPA 515.3	0.05	0.6			
2018/19-1	000NONPJ	matrix spike, rec	12/14/2018	Pesticide	Picloram	n/a	=	104	%	EPA 515.3	-88	-88	70	130	
2018/19-1	000NONPJ	matrix spike dup	12/14/2018	Pesticide	Picloram	n/a	=	4.6	µg/L	EPA 515.3	0.05	0.6			
2018/19-1	000NONPJ	matrix spike dup, rec	12/14/2018	Pesticide	Picloram	n/a	=	115	%	EPA 515.3	-88	-88	70	130	
2018/19-1	000NONPJ	matrix spike, RPD	12/14/2018	Pesticide	Picloram	n/a	=	10	%	EPA 515.3	-88	-88	0	30	
2018/19-1	Lab	method blank	12/14/2018	Pesticide	Picloram	n/a	<	0.05	µg/L	EPA 515.3	0.05	0.6			
2018/19-1	Lab	LCS	12/14/2018	Pesticide	Picloram	n/a	=	4.02	µg/L	EPA 515.3	0.05	0.6			
2018/19-1	Lab	LCS, rec	12/14/2018	Pesticide	Picloram	n/a	=	100	%	EPA 515.3	-88	-88	70	130	
2018/19-1	Lab	method blank	12/14/2018	Pesticide	Prometon	n/a	<	0.024	µg/L	EPA 525.2	0.024	0.2			
2018/19-1	Lab	LCS	12/14/2018	Pesticide	Prometon	n/a	=	1.28	µg/L	EPA 525.2	0.024	0.2			
2018/19-1	Lab	LCS, rec	12/14/2018	Pesticide	Prometon	n/a	=	26	%	EPA 525.2	-88	-88	15	120	
2018/19-1	Lab	LCS dup	12/14/2018	Pesticide	Prometon	n/a	=	1.45	µg/L	EPA 525.2	0.024	0.2			
2018/19-1	Lab	LCS dup, rec	12/14/2018	Pesticide	Prometon	n/a	=	29	%	EPA 525.2	-88	-88	15	120	
2018/19-1	Lab	LCS, RPD	12/14/2018	Pesticide	Prometon	n/a	=	13	%	EPA 525.2	-88	-88	0	30	
2018/19-1	Lab	method blank	12/14/2018	Pesticide	Prometryn	n/a	<	0.036	µg/L	EPA 525.2	0.036	0.1			
2018/19-1	Lab	LCS	12/14/2018	Pesticide	Prometryn	n/a	=	3.34	µg/L	EPA 525.2	0.036	0.1			
2018/19-1	Lab	LCS, rec	12/14/2018	Pesticide	Prometryn	n/a	=	67	%	EPA 525.2	-88	-88	30	120	
2018/19-1	Lab	LCS dup	12/14/2018	Pesticide	Prometryn	n/a	=	3.59	µg/L	EPA 525.2	0.036	0.1			
2018/19-1	Lab	LCS dup, rec	12/14/2018	Pesticide	Prometryn	n/a	=	72	%	EPA 525.2	-88	-88	30	120	

Appendix F
Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2018/19-1	Lab	LCS, RPD	12/14/2018	Pesticide	Prometryn	n/a	=	7	%	EPA 525.2	-88	-88	0	30	
2018/19-1	000NONPJ	matrix spike dup	1/3/2019	Pesticide	Ronnel (Fenclorphos)	n/a	=	0.115	µg/L	EPA 525.2m	0.0041	0.01			GB,IL
2018/19-1	000NONPJ	matrix spike, rec	1/3/2019	Pesticide	Ronnel (Fenclorphos)	n/a	=	230	%	EPA 525.2m	-88	-88	29	153	GB,IL
2018/19-1	000NONPJ	matrix spike, RPD	1/3/2019	Pesticide	Ronnel (Fenclorphos)	n/a	=	61	%	EPA 525.2m	-88	-88	0	30	GB,IL
2018/19-1	000NONPJ	matrix spike	1/3/2019	Pesticide	Ronnel (Fenclorphos)	n/a	=	0.0611	µg/L	EPA 525.2m	0.0041	0.01			
2018/19-1	000NONPJ	matrix spike, rec	1/3/2019	Pesticide	Ronnel (Fenclorphos)	n/a	=	122	%	EPA 525.2m	-88	-88	29	153	
2018/19-1	Lab	method blank	12/12/2018	Pesticide	Ronnel (Fenclorphos)	n/a	<	0.0041	µg/L	EPA 525.2m	0.0041	0.01			
2018/19-1	Lab	LCS	12/12/2018	Pesticide	Ronnel (Fenclorphos)	n/a	=	0.0539	µg/L	EPA 525.2m	0.0041	0.01			
2018/19-1	Lab	LCS, rec	12/12/2018	Pesticide	Ronnel (Fenclorphos)	n/a	=	108	%	EPA 525.2m	-88	-88	34	154	
2018/19-1	Lab	method blank	1/3/2019	Pesticide	Ronnel (Fenclorphos)	n/a	<	0.0041	µg/L	EPA 525.2m	0.0041	0.01			
2018/19-1	Lab	LCS	1/3/2019	Pesticide	Ronnel (Fenclorphos)	n/a	=	0.0463	µg/L	EPA 525.2m	0.0041	0.01			
2018/19-1	Lab	LCS, rec	1/3/2019	Pesticide	Ronnel (Fenclorphos)	n/a	=	93	%	EPA 525.2m	-88	-88	34	154	
2018/19-1	MO-VEN	matrix spike	12/12/2018	Pesticide	Ronnel (Fenclorphos)	n/a	=	0.135	µg/L	EPA 525.2m	0.0082	0.02			
2018/19-1	MO-VEN	matrix spike, rec	12/12/2018	Pesticide	Ronnel (Fenclorphos)	n/a	=	135	%	EPA 525.2m	-88	-88	29	153	
2018/19-1	MO-VEN	matrix spike dup	12/12/2018	Pesticide	Ronnel (Fenclorphos)	n/a	=	0.132	µg/L	EPA 525.2m	0.0082	0.02			
2018/19-1	MO-VEN	matrix spike dup, rec	12/12/2018	Pesticide	Ronnel (Fenclorphos)	n/a	=	132	%	EPA 525.2m	-88	-88	29	153	
2018/19-1	MO-VEN	matrix spike, RPD	12/12/2018	Pesticide	Ronnel (Fenclorphos)	n/a	=	3	%	EPA 525.2m	-88	-88	0	30	
2018/19-1	Lab	method blank	12/14/2018	Pesticide	Simazine	n/a	<	0.015	µg/L	EPA 525.2	0.015	0.1			
2018/19-1	Lab	LCS	12/14/2018	Pesticide	Simazine	n/a	=	5.02	µg/L	EPA 525.2	0.015	0.1			
2018/19-1	Lab	LCS, rec	12/14/2018	Pesticide	Simazine	n/a	=	100	%	EPA 525.2	-88	-88	60	130	
2018/19-1	Lab	LCS dup	12/14/2018	Pesticide	Simazine	n/a	=	5.23	µg/L	EPA 525.2	0.015	0.1			
2018/19-1	Lab	LCS dup, rec	12/14/2018	Pesticide	Simazine	n/a	=	105	%	EPA 525.2	-88	-88	60	130	
2018/19-1	Lab	LCS, RPD	12/14/2018	Pesticide	Simazine	n/a	=	4	%	EPA 525.2	-88	-88	0	30	
2018/19-1	000NONPJ	matrix spike dup	1/3/2019	Pesticide	Stirophos (Tetrachlorvinphos)	n/a	=	0.158	µg/L	EPA 525.2m	0.0031	0.01			GB,IL
2018/19-1	000NONPJ	matrix spike dup, rec	1/3/2019	Pesticide	Stirophos (Tetrachlorvinphos)	n/a	=	316	%	EPA 525.2m	-88	-88	0.1	167	GB,IL
2018/19-1	000NONPJ	matrix spike, RPD	1/3/2019	Pesticide	Stirophos (Tetrachlorvinphos)	n/a	=	66	%	EPA 525.2m	-88	-88	0	30	GB,IL
2018/19-1	000NONPJ	matrix spike	1/3/2019	Pesticide	Stirophos (Tetrachlorvinphos)	n/a	=	0.0794	µg/L	EPA 525.2m	0.0031	0.01			
2018/19-1	000NONPJ	matrix spike, rec	1/3/2019	Pesticide	Stirophos (Tetrachlorvinphos)	n/a	=	159	%	EPA 525.2m	-88	-88	0.1	167	
2018/19-1	Lab	method blank	12/12/2018	Pesticide	Stirophos (Tetrachlorvinphos)	n/a	<	0.0031	µg/L	EPA 525.2m	0.0031	0.01			
2018/19-1	Lab	LCS	12/12/2018	Pesticide	Stirophos (Tetrachlorvinphos)	n/a	=	0.0652	µg/L	EPA 525.2m	0.0031	0.01			
2018/19-1	Lab	LCS, rec	12/12/2018	Pesticide	Stirophos (Tetrachlorvinphos)	n/a	=	130	%	EPA 525.2m	-88	-88	0.1	188	
2018/19-1	Lab	method blank	1/3/2019	Pesticide	Stirophos (Tetrachlorvinphos)	n/a	<	0.0031	µg/L	EPA 525.2m	0.0031	0.01			
2018/19-1	Lab	LCS	1/3/2019	Pesticide	Stirophos (Tetrachlorvinphos)	n/a	=	0.0527	µg/L	EPA 525.2m	0.0031	0.01			
2018/19-1	Lab	LCS, rec	1/3/2019	Pesticide	Stirophos (Tetrachlorvinphos)	n/a	=	105	%	EPA 525.2m	-88	-88	0.1	188	
2018/19-1	MO-VEN	matrix spike	12/12/2018	Pesticide	Stirophos (Tetrachlorvinphos)	n/a	=	0.229	µg/L	EPA 525.2m	0.0062	0.02			GB
2018/19-1	MO-VEN	matrix spike, rec	12/12/2018	Pesticide	Stirophos (Tetrachlorvinphos)	n/a	=	229	%	EPA 525.2m	-88	-88	0.1	167	GB
2018/19-1	MO-VEN	matrix spike dup	12/12/2018	Pesticide	Stirophos (Tetrachlorvinphos)	n/a	=	0.175	µg/L	EPA 525.2m	0.0062	0.02			GB
2018/19-1	MO-VEN	matrix spike dup, rec	12/12/2018	Pesticide	Stirophos (Tetrachlorvinphos)	n/a	=	175	%	EPA 525.2m	-88	-88	0.1	167	GB
2018/19-1	MO-VEN	matrix spike, RPD	12/12/2018	Pesticide	Stirophos (Tetrachlorvinphos)	n/a	=	27	%	EPA 525.2m	-88	-88	0	30	
2018/19-1	Lab	method blank	12/14/2018	Pesticide	Terbacil	n/a	<	0.55	µg/L	EPA 525.2	0.55	2			
2018/19-1	Lab	LCS	12/14/2018	Pesticide	Terbacil	n/a	=	4.13	µg/L	EPA 525.2	0.55	2			
2018/19-1	Lab	LCS, rec	12/14/2018	Pesticide	Terbacil	n/a	=	83	%	EPA 525.2	-88	-88	70	130	
2018/19-1	Lab	LCS dup	12/14/2018	Pesticide	Terbacil	n/a	=	4.65	µg/L	EPA 525.2	0.55	2			
2018/19-1	Lab	LCS dup, rec	12/14/2018	Pesticide	Terbacil	n/a	=	93	%	EPA 525.2	-88	-88	70	130	
2018/19-1	Lab	LCS, RPD	12/14/2018	Pesticide	Terbacil	n/a	=	12	%	EPA 525.2	-88	-88	0	30	
2018/19-1	Lab	method blank	12/14/2018	Pesticide	Thiobencarb	n/a	<	0.025	µg/L	EPA 525.2	0.025	0.2			
2018/19-1	Lab	LCS	12/14/2018	Pesticide	Thiobencarb	n/a	=	5.06	µg/L	EPA 525.2	0.025	0.2			

Appendix F
Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2018/19-1	Lab	LCS, rec	12/14/2018	Pesticide	Thiobencarb	n/a	=	101	%	EPA 525.2	-88	-88	70	130	
2018/19-1	Lab	LCS dup	12/14/2018	Pesticide	Thiobencarb	n/a	=	5.08	µg/L	EPA 525.2	0.025	0.2			
2018/19-1	Lab	LCS dup, rec	12/14/2018	Pesticide	Thiobencarb	n/a	=	102	%	EPA 525.2	-88	-88	70	130	
2018/19-1	Lab	LCS, RPD	12/14/2018	Pesticide	Thiobencarb	n/a	=	0.4	%	EPA 525.2	-88	-88	0	30	
2018/19-1	000NONPJ	matrix spike dup	1/3/2019	Pesticide	Tokuthion	n/a	=	0.103	µg/L	EPA 525.2m	0.0078	0.01			GB,IL
2018/19-1	000NONPJ	matrix spike dup, rec	1/3/2019	Pesticide	Tokuthion	n/a	=	205	%	EPA 525.2m	-88	-88	27	160	GB,IL
2018/19-1	000NONPJ	matrix spike, RPD	1/3/2019	Pesticide	Tokuthion	n/a	=	33	%	EPA 525.2m	-88	-88	0	30	GB,IL
2018/19-1	000NONPJ	matrix spike	1/3/2019	Pesticide	Tokuthion	n/a	=	0.0738	µg/L	EPA 525.2m	0.0078	0.01			
2018/19-1	000NONPJ	matrix spike, rec	1/3/2019	Pesticide	Tokuthion	n/a	=	148	%	EPA 525.2m	-88	-88	27	160	
2018/19-1	Lab	method blank	12/12/2018	Pesticide	Tokuthion	n/a	<	0.0078	µg/L	EPA 525.2m	0.0078	0.01			
2018/19-1	Lab	LCS	12/12/2018	Pesticide	Tokuthion	n/a	=	0.0425	µg/L	EPA 525.2m	0.0078	0.01			
2018/19-1	Lab	LCS, rec	12/12/2018	Pesticide	Tokuthion	n/a	=	85	%	EPA 525.2m	-88	-88	23	159	
2018/19-1	Lab	method blank	1/3/2019	Pesticide	Tokuthion	n/a	<	0.0078	µg/L	EPA 525.2m	0.0078	0.01			
2018/19-1	Lab	LCS	1/3/2019	Pesticide	Tokuthion	n/a	=	0.0633	µg/L	EPA 525.2m	0.0078	0.01			
2018/19-1	Lab	LCS, rec	1/3/2019	Pesticide	Tokuthion	n/a	=	127	%	EPA 525.2m	-88	-88	23	159	
2018/19-1	MO-VEN	matrix spike	12/12/2018	Pesticide	Tokuthion	n/a	=	0.0841	µg/L	EPA 525.2m	0.016	0.02			
2018/19-1	MO-VEN	matrix spike, rec	12/12/2018	Pesticide	Tokuthion	n/a	=	84	%	EPA 525.2m	-88	-88	27	160	
2018/19-1	MO-VEN	matrix spike dup	12/12/2018	Pesticide	Tokuthion	n/a	=	0.108	µg/L	EPA 525.2m	0.016	0.02			
2018/19-1	MO-VEN	matrix spike dup, rec	12/12/2018	Pesticide	Tokuthion	n/a	=	108	%	EPA 525.2m	-88	-88	27	160	
2018/19-1	MO-VEN	matrix spike, RPD	12/12/2018	Pesticide	Tokuthion	n/a	=	25	%	EPA 525.2m	-88	-88	0	30	
2018/19-1	000NONPJ	matrix spike dup	1/3/2019	Pesticide	Trichloronate	n/a	=	0.0908	µg/L	EPA 525.2m	0.0067	0.01			GB,IL
2018/19-1	000NONPJ	matrix spike dup, rec	1/3/2019	Pesticide	Trichloronate	n/a	=	182	%	EPA 525.2m	-88	-88	40	150	GB,IL
2018/19-1	000NONPJ	matrix spike, RPD	1/3/2019	Pesticide	Trichloronate	n/a	=	55	%	EPA 525.2m	-88	-88	0	30	GB,IL
2018/19-1	000NONPJ	matrix spike	1/3/2019	Pesticide	Trichloronate	n/a	=	0.0518	µg/L	EPA 525.2m	0.0067	0.01			
2018/19-1	000NONPJ	matrix spike, rec	1/3/2019	Pesticide	Trichloronate	n/a	=	104	%	EPA 525.2m	-88	-88	40	150	
2018/19-1	Lab	method blank	12/12/2018	Pesticide	Trichloronate	n/a	<	0.0067	µg/L	EPA 525.2m	0.0067	0.01			
2018/19-1	Lab	LCS	12/12/2018	Pesticide	Trichloronate	n/a	=	0.0514	µg/L	EPA 525.2m	0.0067	0.01			
2018/19-1	Lab	LCS, rec	12/12/2018	Pesticide	Trichloronate	n/a	=	103	%	EPA 525.2m	-88	-88	34	153	
2018/19-1	Lab	method blank	1/3/2019	Pesticide	Trichloronate	n/a	<	0.0067	µg/L	EPA 525.2m	0.0067	0.01			
2018/19-1	Lab	LCS	1/3/2019	Pesticide	Trichloronate	n/a	=	0.0413	µg/L	EPA 525.2m	0.0067	0.01			
2018/19-1	Lab	LCS, rec	1/3/2019	Pesticide	Trichloronate	n/a	=	83	%	EPA 525.2m	-88	-88	34	153	
2018/19-1	MO-VEN	matrix spike	12/12/2018	Pesticide	Trichloronate	n/a	=	0.128	µg/L	EPA 525.2m	0.013	0.02			
2018/19-1	MO-VEN	matrix spike, rec	12/12/2018	Pesticide	Trichloronate	n/a	=	128	%	EPA 525.2m	-88	-88	40	150	
2018/19-1	MO-VEN	matrix spike dup	12/12/2018	Pesticide	Trichloronate	n/a	=	0.124	µg/L	EPA 525.2m	0.013	0.02			
2018/19-1	MO-VEN	matrix spike dup, rec	12/12/2018	Pesticide	Trichloronate	n/a	=	124	%	EPA 525.2m	-88	-88	40	150	
2018/19-1	MO-VEN	matrix spike, RPD	12/12/2018	Pesticide	Trichloronate	n/a	=	3	%	EPA 525.2m	-88	-88	0	30	
2018/19-1	Lab	method blank	12/14/2018	Pesticide	Trithion	n/a	<	0.012	µg/L	EPA 525.2	0.012	0.1			
2018/19-1	Lab	LCS	12/14/2018	Pesticide	Trithion	n/a	=	4.79	µg/L	EPA 525.2	0.012	0.1			
2018/19-1	Lab	LCS, rec	12/14/2018	Pesticide	Trithion	n/a	=	96	%	EPA 525.2	-88	-88	70	130	
2018/19-1	Lab	LCS dup	12/14/2018	Pesticide	Trithion	n/a	=	4.87	µg/L	EPA 525.2	0.012	0.1			
2018/19-1	Lab	LCS dup, rec	12/14/2018	Pesticide	Trithion	n/a	=	97	%	EPA 525.2	-88	-88	70	130	
2018/19-1	Lab	LCS, RPD	12/14/2018	Pesticide	Trithion	n/a	=	2	%	EPA 525.2	-88	-88	0	30	
2018/19-2	000NONPJ	matrix spike	12/4/2018	Anion	Chloride	n/a	=	221	mg/L	EPA 300.0	1	5			
2018/19-2	000NONPJ	matrix spike	12/4/2018	Anion	Chloride	n/a	=	241	mg/L	EPA 300.0	1	5			
2018/19-2	000NONPJ	matrix spike dup	12/4/2018	Anion	Chloride	n/a	=	242	mg/L	EPA 300.0	1	5			
2018/19-2	000NONPJ	matrix spike dup	12/4/2018	Anion	Chloride	n/a	=	221	mg/L	EPA 300.0	1	5			
2018/19-2	000NONPJ	matrix spike dup, rec	12/4/2018	Anion	Chloride	n/a	=	104	%	EPA 300.0	-88	-88	76	118	

Appendix F
Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2018/19-2	000NONPJ	matrix spike dup, rec	12/4/2018	Anion	Chloride	n/a	=	106	%	EPA 300.0	-88	-88	76	118	
2018/19-2	000NONPJ	matrix spike, rec	12/4/2018	Anion	Chloride	n/a	=	104	%	EPA 300.0	-88	-88	76	118	
2018/19-2	000NONPJ	matrix spike, rec	12/4/2018	Anion	Chloride	n/a	=	105	%	EPA 300.0	-88	-88	76	118	
2018/19-2	000NONPJ	matrix spike, RPD	12/4/2018	Anion	Chloride	n/a	=	0.005	%	EPA 300.0	-88	-88	0	20	
2018/19-2	000NONPJ	matrix spike, RPD	12/4/2018	Anion	Chloride	n/a	=	0.4	%	EPA 300.0	-88	-88	0	20	
2018/19-2	Lab	LCS	12/3/2018	Anion	Chloride	n/a	=	20.9	mg/L	EPA 300.0	0.1	0.5			
2018/19-2	Lab	LCS, rec	12/3/2018	Anion	Chloride	n/a	=	104	%	EPA 300.0	-88	-88	90	110	
2018/19-2	Lab	method blank	12/3/2018	Anion	Chloride	n/a	<	0.1	mg/L	EPA 300.0	0.1	0.5			
2018/19-2	Lab	LCS	12/4/2018	Anion	Chloride	n/a	=	20.9	mg/L	EPA 300.0	0.1	0.5			
2018/19-2	Lab	LCS, rec	12/4/2018	Anion	Chloride	n/a	=	105	%	EPA 300.0	-88	-88	90	110	
2018/19-2	Lab	method blank	12/4/2018	Anion	Chloride	n/a	<	0.1	mg/L	EPA 300.0	0.1	0.5			
2018/19-2	MO-MEI	matrix spike	12/3/2018	Anion	Chloride	n/a	=	220	mg/L	EPA 300.0	1	5			
2018/19-2	MO-MEI	matrix spike dup	12/3/2018	Anion	Chloride	n/a	=	221	mg/L	EPA 300.0	1	5			
2018/19-2	MO-MEI	matrix spike dup, rec	12/3/2018	Anion	Chloride	n/a	=	109	%	EPA 300.0	-88	-88	76	118	
2018/19-2	MO-MEI	matrix spike, rec	12/3/2018	Anion	Chloride	n/a	=	108	%	EPA 300.0	-88	-88	76	118	
2018/19-2	MO-MEI	matrix spike, RPD	12/3/2018	Anion	Chloride	n/a	=	0.6	%	EPA 300.0	-88	-88	0	20	
2018/19-2	MO-OJA	matrix spike	12/3/2018	Anion	Chloride	n/a	=	221	mg/L	EPA 300.0	1	5			
2018/19-2	MO-OJA	matrix spike dup	12/3/2018	Anion	Chloride	n/a	=	221	mg/L	EPA 300.0	1	5			
2018/19-2	MO-OJA	matrix spike dup, rec	12/3/2018	Anion	Chloride	n/a	=	107	%	EPA 300.0	-88	-88	76	118	
2018/19-2	MO-OJA	matrix spike, rec	12/3/2018	Anion	Chloride	n/a	=	107	%	EPA 300.0	-88	-88	76	118	
2018/19-2	MO-OJA	matrix spike, RPD	12/3/2018	Anion	Chloride	n/a	=	0.1	%	EPA 300.0	-88	-88	0	20	
2018/19-2	000NONPJ	matrix spike	12/4/2018	Anion	Fluoride	n/a	=	20.9	mg/L	EPA 300.0	0.2	1			
2018/19-2	000NONPJ	matrix spike	12/4/2018	Anion	Fluoride	n/a	=	19.4	mg/L	EPA 300.0	0.2	1			
2018/19-2	000NONPJ	matrix spike dup	12/4/2018	Anion	Fluoride	n/a	=	19.1	mg/L	EPA 300.0	0.2	1			
2018/19-2	000NONPJ	matrix spike dup	12/4/2018	Anion	Fluoride	n/a	=	20.3	mg/L	EPA 300.0	0.2	1			
2018/19-2	000NONPJ	matrix spike dup, rec	12/4/2018	Anion	Fluoride	n/a	=	96	%	EPA 300.0	-88	-88	86	107	
2018/19-2	000NONPJ	matrix spike dup, rec	12/4/2018	Anion	Fluoride	n/a	=	100	%	EPA 300.0	-88	-88	86	107	
2018/19-2	000NONPJ	matrix spike, rec	12/4/2018	Anion	Fluoride	n/a	=	97	%	EPA 300.0	-88	-88	86	107	
2018/19-2	000NONPJ	matrix spike, rec	12/4/2018	Anion	Fluoride	n/a	=	103	%	EPA 300.0	-88	-88	86	107	
2018/19-2	000NONPJ	matrix spike, RPD	12/4/2018	Anion	Fluoride	n/a	=	3	%	EPA 300.0	-88	-88	0	20	
2018/19-2	000NONPJ	matrix spike, RPD	12/4/2018	Anion	Fluoride	n/a	=	2	%	EPA 300.0	-88	-88	0	20	
2018/19-2	Lab	LCS	12/3/2018	Anion	Fluoride	n/a	=	2.2	mg/L	EPA 300.0	0.02	0.1			
2018/19-2	Lab	LCS, rec	12/3/2018	Anion	Fluoride	n/a	=	110	%	EPA 300.0	-88	-88	90	110	
2018/19-2	Lab	method blank	12/3/2018	Anion	Fluoride	n/a	<	0.02	mg/L	EPA 300.0	0.02	0.1			
2018/19-2	Lab	LCS	12/4/2018	Anion	Fluoride	n/a	=	2.17	mg/L	EPA 300.0	0.02	0.1			
2018/19-2	Lab	LCS, rec	12/4/2018	Anion	Fluoride	n/a	=	109	%	EPA 300.0	-88	-88	90	110	
2018/19-2	Lab	method blank	12/4/2018	Anion	Fluoride	n/a	<	0.02	mg/L	EPA 300.0	0.02	0.1			
2018/19-2	MO-MEI	matrix spike	12/3/2018	Anion	Fluoride	n/a	=	21.2	mg/L	EPA 300.0	0.2	1			
2018/19-2	MO-MEI	matrix spike dup	12/3/2018	Anion	Fluoride	n/a	=	20.7	mg/L	EPA 300.0	0.2	1			
2018/19-2	MO-MEI	matrix spike dup, rec	12/3/2018	Anion	Fluoride	n/a	=	104	%	EPA 300.0	-88	-88	86	107	
2018/19-2	MO-MEI	matrix spike, rec	12/3/2018	Anion	Fluoride	n/a	=	106	%	EPA 300.0	-88	-88	86	107	
2018/19-2	MO-MEI	matrix spike, RPD	12/3/2018	Anion	Fluoride	n/a	=	2	%	EPA 300.0	-88	-88	0	20	
2018/19-2	MO-OJA	matrix spike	12/3/2018	Anion	Fluoride	n/a	=	20.3	mg/L	EPA 300.0	0.2	1			
2018/19-2	MO-OJA	matrix spike dup	12/3/2018	Anion	Fluoride	n/a	=	20.2	mg/L	EPA 300.0	0.2	1			
2018/19-2	MO-OJA	matrix spike dup, rec	12/3/2018	Anion	Fluoride	n/a	=	101	%	EPA 300.0	-88	-88	86	107	
2018/19-2	MO-OJA	matrix spike, rec	12/3/2018	Anion	Fluoride	n/a	=	102	%	EPA 300.0	-88	-88	86	107	
2018/19-2	MO-OJA	matrix spike, RPD	12/3/2018	Anion	Fluoride	n/a	=	0.8	%	EPA 300.0	-88	-88	0	20	

Appendix F
Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2018/19-2	000NONPJ	matrix spike	12/2/2018	Anion	Perchlorate	n/a	=	13.3	µg/L	EPA 314.0	0.95	2			
2018/19-2	000NONPJ	matrix spike, rec	12/2/2018	Anion	Perchlorate	n/a	=	92	%	EPA 314.0	-88	-88	80	120	
2018/19-2	000NONPJ	matrix spike dup	12/2/2018	Anion	Perchlorate	n/a	=	13.4	µg/L	EPA 314.0	0.95	2			
2018/19-2	000NONPJ	matrix spike dup, rec	12/2/2018	Anion	Perchlorate	n/a	=	93	%	EPA 314.0	-88	-88	80	120	
2018/19-2	000NONPJ	matrix spike, RPD	12/2/2018	Anion	Perchlorate	n/a	=	0.7	%	EPA 314.0	-88	-88	0	15	
2018/19-2	Lab	method blank	12/2/2018	Anion	Perchlorate	n/a	<	0.95	µg/L	EPA 314.0	0.95	2			
2018/19-2	Lab	LCS	12/2/2018	Anion	Perchlorate	n/a	=	10.2	µg/L	EPA 314.0	0.95	2			
2018/19-2	Lab	LCS, rec	12/2/2018	Anion	Perchlorate	n/a	=	102	%	EPA 314.0	-88	-88	85	115	
2018/19-2	000NONPJ	matrix spike	12/4/2018	Anion	Sulfate	Total	=	277	mg/L	EPA 300.0	1	5			
2018/19-2	000NONPJ	matrix spike	12/4/2018	Anion	Sulfate	Total	=	212	mg/L	EPA 300.0	1	5			
2018/19-2	000NONPJ	matrix spike dup	12/4/2018	Anion	Sulfate	Total	=	277	mg/L	EPA 300.0	1	5			
2018/19-2	000NONPJ	matrix spike dup	12/4/2018	Anion	Sulfate	Total	=	211	mg/L	EPA 300.0	1	5			
2018/19-2	000NONPJ	matrix spike dup, rec	12/4/2018	Anion	Sulfate	Total	=	108	%	EPA 300.0	-88	-88	78	111	
2018/19-2	000NONPJ	matrix spike dup, rec	12/4/2018	Anion	Sulfate	Total	=	106	%	EPA 300.0	-88	-88	78	111	
2018/19-2	000NONPJ	matrix spike, rec	12/4/2018	Anion	Sulfate	Total	=	108	%	EPA 300.0	-88	-88	78	111	
2018/19-2	000NONPJ	matrix spike, rec	12/4/2018	Anion	Sulfate	Total	=	106	%	EPA 300.0	-88	-88	78	111	
2018/19-2	000NONPJ	matrix spike, RPD	12/4/2018	Anion	Sulfate	Total	=	0.06	%	EPA 300.0	-88	-88	0	20	
2018/19-2	000NONPJ	matrix spike, RPD	12/4/2018	Anion	Sulfate	Total	=	0.4	%	EPA 300.0	-88	-88	0	20	
2018/19-2	Lab	LCS	12/3/2018	Anion	Sulfate	Total	=	21.4	mg/L	EPA 300.0	0.1	0.5			
2018/19-2	Lab	LCS, rec	12/3/2018	Anion	Sulfate	Total	=	107	%	EPA 300.0	-88	-88	90	110	
2018/19-2	Lab	method blank	12/3/2018	Anion	Sulfate	Total	<	0.1	mg/L	EPA 300.0	0.1	0.5			
2018/19-2	Lab	LCS	12/4/2018	Anion	Sulfate	Total	=	21.5	mg/L	EPA 300.0	0.1	0.5			
2018/19-2	Lab	LCS, rec	12/4/2018	Anion	Sulfate	Total	=	107	%	EPA 300.0	-88	-88	90	110	
2018/19-2	Lab	method blank	12/4/2018	Anion	Sulfate	Total	<	0.1	mg/L	EPA 300.0	0.1	0.5			
2018/19-2	MO-MEI	matrix spike	12/3/2018	Anion	Sulfate	Total	=	227	mg/L	EPA 300.0	1	5			
2018/19-2	MO-MEI	matrix spike dup	12/3/2018	Anion	Sulfate	Total	=	228	mg/L	EPA 300.0	1	5			
2018/19-2	MO-MEI	matrix spike dup, rec	12/3/2018	Anion	Sulfate	Total	=	111	%	EPA 300.0	-88	-88	78	111	
2018/19-2	MO-MEI	matrix spike, rec	12/3/2018	Anion	Sulfate	Total	=	111	%	EPA 300.0	-88	-88	78	111	
2018/19-2	MO-MEI	matrix spike, RPD	12/3/2018	Anion	Sulfate	Total	=	0.3	%	EPA 300.0	-88	-88	0	20	
2018/19-2	MO-OJA	matrix spike	12/3/2018	Anion	Sulfate	Total	=	225	mg/L	EPA 300.0	1	5			
2018/19-2	MO-OJA	matrix spike dup	12/3/2018	Anion	Sulfate	Total	=	225	mg/L	EPA 300.0	1	5			
2018/19-2	MO-OJA	matrix spike dup, rec	12/3/2018	Anion	Sulfate	Total	=	110	%	EPA 300.0	-88	-88	78	111	
2018/19-2	MO-OJA	matrix spike, rec	12/3/2018	Anion	Sulfate	Total	=	110	%	EPA 300.0	-88	-88	78	111	
2018/19-2	MO-OJA	matrix spike, RPD	12/3/2018	Anion	Sulfate	Total	=	0.2	%	EPA 300.0	-88	-88	0	20	
2018/19-2	ME-CC	field blank	11/30/2018	Bacteriological	E. Coli	n/a	<	10	MPN/100 mL	MMO-MUG	10	10	-88	-88	
2018/19-2	MO-FIL	field duplicate	11/30/2018	Bacteriological	E. Coli	n/a	=	72700	MPN/100 mL	MMO-MUG	100	100	-88	-88	
2018/19-2	ME-CC	field blank	11/30/2018	Bacteriological	Total Coliform	n/a	<	10	MPN/100 mL	MMO-MUG	10	10	-88	-88	
2018/19-2	MO-FIL	field duplicate	11/30/2018	Bacteriological	Total Coliform	n/a	=	261300	MPN/100 mL	MMO-MUG	1000	1000	-88	-88	
2018/19-2	000NONPJ	matrix spike	12/7/2018	Cation	Calcium	Total	=	65.9	mg/L	EPA 200.7	0.016	0.1			
2018/19-2	000NONPJ	matrix spike, rec	12/7/2018	Cation	Calcium	Total	=	98	%	EPA 200.7	-88	-88	70	130	
2018/19-2	000NONPJ	matrix spike dup	12/7/2018	Cation	Calcium	Total	=	65	mg/L	EPA 200.7	0.016	0.1			
2018/19-2	000NONPJ	matrix spike dup, rec	12/7/2018	Cation	Calcium	Total	=	96	%	EPA 200.7	-88	-88	70	130	
2018/19-2	000NONPJ	matrix spike, RPD	12/7/2018	Cation	Calcium	Total	=	1	%	EPA 200.7	-88	-88	0	30	
2018/19-2	Lab	method blank	12/7/2018	Cation	Calcium	Total	<	0.016	mg/L	EPA 200.7	0.016	0.1			
2018/19-2	Lab	LCS	12/7/2018	Cation	Calcium	Total	=	48.5	mg/L	EPA 200.7	0.016	0.1			
2018/19-2	Lab	LCS, rec	12/7/2018	Cation	Calcium	Total	=	97	%	EPA 200.7	-88	-88	85	115	
2018/19-2	Lab	method blank	12/7/2018	Cation	Calcium	Total	<	0.016	mg/L	EPA 200.7	0.016	0.1			

Appendix F
Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2018/19-2	Lab	LCS	12/7/2018	Cation	Calcium	Total	=	48.9	mg/L	EPA 200.7	0.016	0.1			
2018/19-2	Lab	LCS, rec	12/7/2018	Cation	Calcium	Total	=	97	%	EPA 200.7	-88	-88	85	115	
2018/19-2	Lab	method blank	12/11/2018	Cation	Calcium	Total	<	0.016	mg/L	EPA 200.7	0.016	0.1			
2018/19-2	Lab	LCS	12/11/2018	Cation	Calcium	Total	=	51.3	mg/L	EPA 200.7	0.016	0.1			
2018/19-2	Lab	LCS, rec	12/11/2018	Cation	Calcium	Total	=	102	%	EPA 200.7	-88	-88	85	115	
2018/19-2	ME-VR2	matrix spike	12/11/2018	Cation	Calcium	Total	=	193	mg/L	EPA 200.7	0.016	0.1			
2018/19-2	ME-VR2	matrix spike, rec	12/11/2018	Cation	Calcium	Total	=	96	%	EPA 200.7	-88	-88	70	130	
2018/19-2	ME-VR2	matrix spike dup	12/11/2018	Cation	Calcium	Total	=	196	mg/L	EPA 200.7	0.016	0.1			
2018/19-2	ME-VR2	matrix spike dup, rec	12/11/2018	Cation	Calcium	Total	=	101	%	EPA 200.7	-88	-88	70	130	
2018/19-2	ME-VR2	matrix spike, RPD	12/11/2018	Cation	Calcium	Total	=	1	%	EPA 200.7	-88	-88	0	30	
2018/19-2	MO-CAM	matrix spike	12/11/2018	Cation	Calcium	Total	=	63.7	mg/L	EPA 200.7	0.016	0.1			
2018/19-2	MO-CAM	matrix spike, rec	12/11/2018	Cation	Calcium	Total	=	105	%	EPA 200.7	-88	-88	70	130	
2018/19-2	MO-CAM	matrix spike dup	12/11/2018	Cation	Calcium	Total	=	63.6	mg/L	EPA 200.7	0.016	0.1			
2018/19-2	MO-CAM	matrix spike dup, rec	12/11/2018	Cation	Calcium	Total	=	105	%	EPA 200.7	-88	-88	70	130	
2018/19-2	MO-CAM	matrix spike, RPD	12/11/2018	Cation	Calcium	Total	=	0.1	%	EPA 200.7	-88	-88	0	30	
2018/19-2	MO-OJA	matrix spike	12/7/2018	Cation	Calcium	Total	=	56.3	mg/L	EPA 200.7	0.016	0.1			
2018/19-2	MO-OJA	matrix spike, rec	12/7/2018	Cation	Calcium	Total	=	97	%	EPA 200.7	-88	-88	70	130	
2018/19-2	MO-OJA	matrix spike dup	12/7/2018	Cation	Calcium	Total	=	59.6	mg/L	EPA 200.7	0.016	0.1			
2018/19-2	MO-OJA	matrix spike dup, rec	12/7/2018	Cation	Calcium	Total	=	103	%	EPA 200.7	-88	-88	70	130	
2018/19-2	MO-OJA	matrix spike, RPD	12/7/2018	Cation	Calcium	Total	=	6	%	EPA 200.7	-88	-88	0	30	
2018/19-2	000NONPJ	matrix spike	12/7/2018	Cation	Magnesium	Total	=	52.1	mg/L	EPA 200.7	0.012	0.1			
2018/19-2	000NONPJ	matrix spike, rec	12/7/2018	Cation	Magnesium	Total	=	96	%	EPA 200.7	-88	-88	70	130	
2018/19-2	000NONPJ	matrix spike dup	12/7/2018	Cation	Magnesium	Total	=	51.6	mg/L	EPA 200.7	0.012	0.1			
2018/19-2	000NONPJ	matrix spike dup, rec	12/7/2018	Cation	Magnesium	Total	=	95	%	EPA 200.7	-88	-88	70	130	
2018/19-2	000NONPJ	matrix spike, RPD	12/7/2018	Cation	Magnesium	Total	=	1	%	EPA 200.7	-88	-88	0	30	
2018/19-2	Lab	method blank	12/7/2018	Cation	Magnesium	Total	<	0.012	mg/L	EPA 200.7	0.012	0.1			
2018/19-2	Lab	LCS	12/7/2018	Cation	Magnesium	Total	=	47.3	mg/L	EPA 200.7	0.012	0.1			
2018/19-2	Lab	LCS, rec	12/7/2018	Cation	Magnesium	Total	=	94	%	EPA 200.7	-88	-88	85	115	
2018/19-2	Lab	method blank	12/7/2018	Cation	Magnesium	Total	<	0.012	mg/L	EPA 200.7	0.012	0.1			
2018/19-2	Lab	LCS	12/7/2018	Cation	Magnesium	Total	=	47.5	mg/L	EPA 200.7	0.012	0.1			
2018/19-2	Lab	LCS, rec	12/7/2018	Cation	Magnesium	Total	=	95	%	EPA 200.7	-88	-88	85	115	
2018/19-2	Lab	method blank	12/11/2018	Cation	Magnesium	Total	<	0.012	mg/L	EPA 200.7	0.012	0.1			
2018/19-2	Lab	LCS	12/11/2018	Cation	Magnesium	Total	=	50	mg/L	EPA 200.7	0.012	0.1			
2018/19-2	Lab	LCS, rec	12/11/2018	Cation	Magnesium	Total	=	100	%	EPA 200.7	-88	-88	85	115	
2018/19-2	ME-VR2	matrix spike	12/11/2018	Cation	Magnesium	Total	=	85.9	mg/L	EPA 200.7	0.012	0.1			
2018/19-2	ME-VR2	matrix spike, rec	12/11/2018	Cation	Magnesium	Total	=	96	%	EPA 200.7	-88	-88	70	130	
2018/19-2	ME-VR2	matrix spike dup	12/11/2018	Cation	Magnesium	Total	=	87.4	mg/L	EPA 200.7	0.012	0.1			
2018/19-2	ME-VR2	matrix spike dup, rec	12/11/2018	Cation	Magnesium	Total	=	99	%	EPA 200.7	-88	-88	70	130	
2018/19-2	ME-VR2	matrix spike, RPD	12/11/2018	Cation	Magnesium	Total	=	2	%	EPA 200.7	-88	-88	0	30	
2018/19-2	MO-CAM	matrix spike	12/11/2018	Cation	Magnesium	Total	=	53.9	mg/L	EPA 200.7	0.012	0.1			
2018/19-2	MO-CAM	matrix spike, rec	12/11/2018	Cation	Magnesium	Total	=	101	%	EPA 200.7	-88	-88	70	130	
2018/19-2	MO-CAM	matrix spike dup	12/11/2018	Cation	Magnesium	Total	=	53.8	mg/L	EPA 200.7	0.012	0.1			
2018/19-2	MO-CAM	matrix spike dup, rec	12/11/2018	Cation	Magnesium	Total	=	101	%	EPA 200.7	-88	-88	70	130	
2018/19-2	MO-CAM	matrix spike, RPD	12/11/2018	Cation	Magnesium	Total	=	0.3	%	EPA 200.7	-88	-88	0	30	
2018/19-2	MO-OJA	matrix spike	12/7/2018	Cation	Magnesium	Total	=	50.3	mg/L	EPA 200.7	0.012	0.1			
2018/19-2	MO-OJA	matrix spike, rec	12/7/2018	Cation	Magnesium	Total	=	96	%	EPA 200.7	-88	-88	70	130	
2018/19-2	MO-OJA	matrix spike dup	12/7/2018	Cation	Magnesium	Total	=	53.4	mg/L	EPA 200.7	0.012	0.1			

Appendix F
Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2018/19-2	MO-OJA	matrix spike dup, rec	12/7/2018	Cation	Magnesium	Total	=	102	%	EPA 200.7	-88	-88	70	130	
2018/19-2	MO-OJA	matrix spike, RPD	12/7/2018	Cation	Magnesium	Total	=	6	%	EPA 200.7	-88	-88	0	30	
2018/19-2	000NONPJ	matrix spike	12/7/2018	Cation	Potassium	Total	=	56.6	mg/L	EPA 200.7	0.081	0.1			
2018/19-2	000NONPJ	matrix spike, rec	12/7/2018	Cation	Potassium	Total	=	102	%	EPA 200.7	-88	-88	70	130	
2018/19-2	000NONPJ	matrix spike dup	12/7/2018	Cation	Potassium	Total	=	55.8	mg/L	EPA 200.7	0.081	0.1			
2018/19-2	000NONPJ	matrix spike dup, rec	12/7/2018	Cation	Potassium	Total	=	101	%	EPA 200.7	-88	-88	70	130	
2018/19-2	000NONPJ	matrix spike, RPD	12/7/2018	Cation	Potassium	Total	=	1	%	EPA 200.7	-88	-88	0	30	
2018/19-2	Lab	method blank	12/7/2018	Cation	Potassium	Total	<	0.081	mg/L	EPA 200.7	0.081	0.1			
2018/19-2	Lab	LCS	12/7/2018	Cation	Potassium	Total	=	49.8	mg/L	EPA 200.7	0.081	0.1			
2018/19-2	Lab	LCS, rec	12/7/2018	Cation	Potassium	Total	=	99	%	EPA 200.7	-88	-88	85	115	
2018/19-2	Lab	method blank	12/7/2018	Cation	Potassium	Total	<	0.081	mg/L	EPA 200.7	0.081	0.1			
2018/19-2	Lab	LCS	12/7/2018	Cation	Potassium	Total	=	50.3	mg/L	EPA 200.7	0.081	0.1			
2018/19-2	Lab	LCS, rec	12/7/2018	Cation	Potassium	Total	=	100	%	EPA 200.7	-88	-88	85	115	
2018/19-2	Lab	method blank	12/11/2018	Cation	Potassium	Total	<	0.081	mg/L	EPA 200.7	0.081	0.1			
2018/19-2	Lab	LCS	12/11/2018	Cation	Potassium	Total	=	54.3	mg/L	EPA 200.7	0.081	0.1			
2018/19-2	Lab	LCS, rec	12/11/2018	Cation	Potassium	Total	=	108	%	EPA 200.7	-88	-88	85	115	
2018/19-2	ME-VR2	matrix spike	12/11/2018	Cation	Potassium	Total	=	62.8	mg/L	EPA 200.7	0.081	0.1			
2018/19-2	ME-VR2	matrix spike, rec	12/11/2018	Cation	Potassium	Total	=	113	%	EPA 200.7	-88	-88	70	130	
2018/19-2	ME-VR2	matrix spike dup	12/11/2018	Cation	Potassium	Total	=	63.7	mg/L	EPA 200.7	0.081	0.1			
2018/19-2	ME-VR2	matrix spike dup, rec	12/11/2018	Cation	Potassium	Total	=	115	%	EPA 200.7	-88	-88	70	130	
2018/19-2	ME-VR2	matrix spike, RPD	12/11/2018	Cation	Potassium	Total	=	1	%	EPA 200.7	-88	-88	0	30	
2018/19-2	MO-CAM	matrix spike	12/11/2018	Cation	Potassium	Total	=	59.3	mg/L	EPA 200.7	0.081	0.1			
2018/19-2	MO-CAM	matrix spike, rec	12/11/2018	Cation	Potassium	Total	=	110	%	EPA 200.7	-88	-88	70	130	
2018/19-2	MO-CAM	matrix spike dup	12/11/2018	Cation	Potassium	Total	=	59.2	mg/L	EPA 200.7	0.081	0.1			
2018/19-2	MO-CAM	matrix spike dup, rec	12/11/2018	Cation	Potassium	Total	=	109	%	EPA 200.7	-88	-88	70	130	
2018/19-2	MO-CAM	matrix spike, RPD	12/11/2018	Cation	Potassium	Total	=	0.05	%	EPA 200.7	-88	-88	0	30	
2018/19-2	MO-OJA	matrix spike	12/7/2018	Cation	Potassium	Total	=	54.5	mg/L	EPA 200.7	0.081	0.1			
2018/19-2	MO-OJA	matrix spike, rec	12/7/2018	Cation	Potassium	Total	=	101	%	EPA 200.7	-88	-88	70	130	
2018/19-2	MO-OJA	matrix spike dup	12/7/2018	Cation	Potassium	Total	=	58	mg/L	EPA 200.7	0.081	0.1			
2018/19-2	MO-OJA	matrix spike dup, rec	12/7/2018	Cation	Potassium	Total	=	108	%	EPA 200.7	-88	-88	70	130	
2018/19-2	MO-OJA	matrix spike, RPD	12/7/2018	Cation	Potassium	Total	=	6	%	EPA 200.7	-88	-88	0	30	
2018/19-2	000NONPJ	matrix spike	12/7/2018	Cation	Sodium	Total	=	58.1	mg/L	EPA 200.7	0.015	0.5			
2018/19-2	000NONPJ	matrix spike, rec	12/7/2018	Cation	Sodium	Total	=	94	%	EPA 200.7	-88	-88	70	130	
2018/19-2	000NONPJ	matrix spike dup	12/7/2018	Cation	Sodium	Total	=	57.4	mg/L	EPA 200.7	0.015	0.5			
2018/19-2	000NONPJ	matrix spike dup, rec	12/7/2018	Cation	Sodium	Total	=	92	%	EPA 200.7	-88	-88	70	130	
2018/19-2	000NONPJ	matrix spike, RPD	12/7/2018	Cation	Sodium	Total	=	1	%	EPA 200.7	-88	-88	0	30	
2018/19-2	Lab	method blank	12/7/2018	Cation	Sodium	Total	<	0.015	mg/L	EPA 200.7	0.015	0.5			
2018/19-2	Lab	LCS	12/7/2018	Cation	Sodium	Total	=	48.1	mg/L	EPA 200.7	0.015	0.5			
2018/19-2	Lab	LCS, rec	12/7/2018	Cation	Sodium	Total	=	96	%	EPA 200.7	-88	-88	85	115	
2018/19-2	Lab	method blank	12/7/2018	Cation	Sodium	Total	<	0.015	mg/L	EPA 200.7	0.015	0.5			
2018/19-2	Lab	LCS	12/7/2018	Cation	Sodium	Total	=	47.1	mg/L	EPA 200.7	0.015	0.5			
2018/19-2	Lab	LCS, rec	12/7/2018	Cation	Sodium	Total	=	94	%	EPA 200.7	-88	-88	85	115	
2018/19-2	Lab	method blank	12/11/2018	Cation	Sodium	Total	<	0.015	mg/L	EPA 200.7	0.015	0.5			
2018/19-2	Lab	LCS	12/11/2018	Cation	Sodium	Total	=	51.2	mg/L	EPA 200.7	0.015	0.5			
2018/19-2	Lab	LCS, rec	12/11/2018	Cation	Sodium	Total	=	102	%	EPA 200.7	-88	-88	85	115	
2018/19-2	ME-VR2	matrix spike	12/11/2018	Cation	Sodium	Total	=	126	mg/L	EPA 200.7	0.015	0.5			
2018/19-2	ME-VR2	matrix spike, rec	12/11/2018	Cation	Sodium	Total	=	101	%	EPA 200.7	-88	-88	70	130	

Appendix F
Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2018/19-2	ME-VR2	matrix spike dup	12/11/2018	Cation	Sodium	Total	=	128	mg/L	EPA 200.7	0.015	0.5			
2018/19-2	ME-VR2	matrix spike dup, rec	12/11/2018	Cation	Sodium	Total	=	105	%	EPA 200.7	-88	-88	70	130	
2018/19-2	ME-VR2	matrix spike, RPD	12/11/2018	Cation	Sodium	Total	=	2	%	EPA 200.7	-88	-88	0	30	
2018/19-2	MO-CAM	matrix spike	12/11/2018	Cation	Sodium	Total	=	60.2	mg/L	EPA 200.7	0.015	0.5			
2018/19-2	MO-CAM	matrix spike, rec	12/11/2018	Cation	Sodium	Total	=	103	%	EPA 200.7	-88	-88	70	130	
2018/19-2	MO-CAM	matrix spike dup	12/11/2018	Cation	Sodium	Total	=	60	mg/L	EPA 200.7	0.015	0.5			
2018/19-2	MO-CAM	matrix spike dup, rec	12/11/2018	Cation	Sodium	Total	=	103	%	EPA 200.7	-88	-88	70	130	
2018/19-2	MO-CAM	matrix spike, RPD	12/11/2018	Cation	Sodium	Total	=	0.2	%	EPA 200.7	-88	-88	0	30	
2018/19-2	MO-OJA	matrix spike	12/7/2018	Cation	Sodium	Total	=	51.6	mg/L	EPA 200.7	0.015	0.5			
2018/19-2	MO-OJA	matrix spike, rec	12/7/2018	Cation	Sodium	Total	=	97	%	EPA 200.7	-88	-88	70	130	
2018/19-2	MO-OJA	matrix spike dup	12/7/2018	Cation	Sodium	Total	=	54.8	mg/L	EPA 200.7	0.015	0.5			
2018/19-2	MO-OJA	matrix spike dup, rec	12/7/2018	Cation	Sodium	Total	=	104	%	EPA 200.7	-88	-88	70	130	
2018/19-2	MO-OJA	matrix spike, RPD	12/7/2018	Cation	Sodium	Total	=	6	%	EPA 200.7	-88	-88	0	30	
2018/19-2	000NONPJ	lab duplicate	12/4/2018	Conventional	Alkalinity as CaCO3	n/a	=	213	mg/L	SM 2320 B	0.56	2		15	
2018/19-2	000NONPJ	lab duplicate	12/6/2018	Conventional	Alkalinity as CaCO3	n/a	=	91.3	mg/L	SM 2320 B	0.56	2		15	
2018/19-2	000NONPJ	lab duplicate	12/11/2018	Conventional	Alkalinity as CaCO3	n/a	=	160	mg/L	SM 2320 B	0.56	2		15	
2018/19-2	Lab	LCS	12/4/2018	Conventional	Alkalinity as CaCO3	n/a	=	253	mg/L	SM 2320 B	0.56	2			
2018/19-2	Lab	LCS, rec	12/4/2018	Conventional	Alkalinity as CaCO3	n/a	=	101	%	SM 2320 B	-88	-88	94	108	
2018/19-2	Lab	method blank	12/4/2018	Conventional	Alkalinity as CaCO3	n/a	<	0.56	mg/L	SM 2320 B	0.56	2			
2018/19-2	Lab	LCS	12/6/2018	Conventional	Alkalinity as CaCO3	n/a	=	253	mg/L	SM 2320 B	0.56	2			
2018/19-2	Lab	LCS, rec	12/6/2018	Conventional	Alkalinity as CaCO3	n/a	=	101	%	SM 2320 B	-88	-88	94	108	
2018/19-2	Lab	method blank	12/6/2018	Conventional	Alkalinity as CaCO3	n/a	DNQ	0.77	mg/L	SM 2320 B	0.56	2			IP
2018/19-2	Lab	LCS	12/11/2018	Conventional	Alkalinity as CaCO3	n/a	=	253	mg/L	SM 2320 B	0.56	2			
2018/19-2	Lab	LCS, rec	12/11/2018	Conventional	Alkalinity as CaCO3	n/a	=	101	%	SM 2320 B	-88	-88	94	108	
2018/19-2	Lab	method blank	12/11/2018	Conventional	Alkalinity as CaCO3	n/a	DNQ	0.77	mg/L	SM 2320 B	0.56	2			IP
2018/19-2	000NONPJ	lab duplicate	12/5/2018	Conventional	BOD	n/a	=	7.48	mg/L	SM 5210 B	2	2		20	IL
2018/19-2	000NONPJ	lab duplicate	12/5/2018	Conventional	BOD	n/a	=	18.2	mg/L	SM 5210 B	2	2		20	IL
2018/19-2	Lab	LCS	12/5/2018	Conventional	BOD	n/a	=	366	mg/L	SM 5210 B	2	2			
2018/19-2	Lab	LCS, rec	12/5/2018	Conventional	BOD	n/a	=	92	%	SM 5210 B	-88	-88	85	115	
2018/19-2	Lab	LCS	12/6/2018	Conventional	BOD	n/a	=	206	mg/L	SM 5210 B	2	2			
2018/19-2	Lab	LCS, rec	12/6/2018	Conventional	BOD	n/a	=	104	%	SM 5210 B	-88	-88	85	115	
2018/19-2	Lab	method blank	12/6/2018	Conventional	BOD	n/a	<	2	mg/L	SM 5210 B	2	2			
2018/19-2	Lab	method blank	12/6/2018	Conventional	BOD	n/a	<	2	mg/L	SM 5210 B	2	2			
2018/19-2	ME-VR2	lab duplicate	12/6/2018	Conventional	BOD	n/a	<	2	mg/L	SM 5210 B	2	2		20	
2018/19-2	MO-CAM	lab duplicate	12/6/2018	Conventional	BOD	n/a	=	10.7	mg/L	SM 5210 B	2	2		20	
2018/19-2	000NONPJ	lab duplicate	12/3/2018	Conventional	COD	n/a	=	1660	mg/L	EPA 410.4	0.73	5		15	
2018/19-2	000NONPJ	matrix spike	12/3/2018	Conventional	COD	n/a	=	2310	mg/L	EPA 410.4	1.5	10			
2018/19-2	000NONPJ	matrix spike	12/3/2018	Conventional	COD	n/a	=	2820	mg/L	EPA 410.4	1.5	10			
2018/19-2	000NONPJ	matrix spike dup	12/3/2018	Conventional	COD	n/a	=	2820	mg/L	EPA 410.4	1.5	10			
2018/19-2	000NONPJ	matrix spike dup	12/3/2018	Conventional	COD	n/a	=	2310	mg/L	EPA 410.4	1.5	10			
2018/19-2	000NONPJ	matrix spike dup, rec	12/3/2018	Conventional	COD	n/a	=	92	%	EPA 410.4	-88	-88	90	110	
2018/19-2	000NONPJ	matrix spike dup, rec	12/3/2018	Conventional	COD	n/a	=	92	%	EPA 410.4	-88	-88	90	110	
2018/19-2	000NONPJ	matrix spike, rec	12/3/2018	Conventional	COD	n/a	=	92	%	EPA 410.4	-88	-88	90	110	
2018/19-2	000NONPJ	matrix spike, rec	12/3/2018	Conventional	COD	n/a	=	92	%	EPA 410.4	-88	-88	90	110	
2018/19-2	000NONPJ	matrix spike, RPD	12/3/2018	Conventional	COD	n/a	=	0	%	EPA 410.4	-88	-88	0	15	
2018/19-2	000NONPJ	matrix spike, RPD	12/3/2018	Conventional	COD	n/a	=	0	%	EPA 410.4	-88	-88	0	15	
2018/19-2	000NONPJ	lab duplicate	12/5/2018	Conventional	COD	n/a	=	56700	mg/L	EPA 410.4	36	250		15	

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Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2018/19-2	000NONPJ	matrix spike	12/5/2018	Conventional	COD	n/a	=	2520	mg/L	EPA 410.4	1.5	10			
2018/19-2	000NONPJ	matrix spike	12/5/2018	Conventional	COD	n/a	=	2560	mg/L	EPA 410.4	1.5	10			
2018/19-2	000NONPJ	matrix spike dup	12/5/2018	Conventional	COD	n/a	=	2560	mg/L	EPA 410.4	1.5	10			
2018/19-2	000NONPJ	matrix spike dup	12/5/2018	Conventional	COD	n/a	=	2520	mg/L	EPA 410.4	1.5	10			
2018/19-2	000NONPJ	matrix spike dup, rec	12/5/2018	Conventional	COD	n/a	=	95	%	EPA 410.4	-88	-88	90	110	
2018/19-2	000NONPJ	matrix spike dup, rec	12/5/2018	Conventional	COD	n/a	=	90	%	EPA 410.4	-88	-88	90	110	
2018/19-2	000NONPJ	matrix spike, rec	12/5/2018	Conventional	COD	n/a	=	93	%	EPA 410.4	-88	-88	90	110	
2018/19-2	000NONPJ	matrix spike, rec	12/5/2018	Conventional	COD	n/a	=	93	%	EPA 410.4	-88	-88	90	110	
2018/19-2	000NONPJ	matrix spike, RPD	12/5/2018	Conventional	COD	n/a	=	2	%	EPA 410.4	-88	-88	0	15	
2018/19-2	000NONPJ	matrix spike, RPD	12/5/2018	Conventional	COD	n/a	=	2	%	EPA 410.4	-88	-88	0	15	
2018/19-2	Lab	LCS	12/3/2018	Conventional	COD	n/a	=	901	mg/L	EPA 410.4	0.73	5			
2018/19-2	Lab	LCS, rec	12/3/2018	Conventional	COD	n/a	=	90	%	EPA 410.4	-88	-88	90	110	
2018/19-2	Lab	method blank	12/3/2018	Conventional	COD	n/a	<	0.73	mg/L	EPA 410.4	0.73	5			
2018/19-2	Lab	LCS	12/5/2018	Conventional	COD	n/a	=	901	mg/L	EPA 410.4	0.73	5			
2018/19-2	Lab	LCS, rec	12/5/2018	Conventional	COD	n/a	=	90	%	EPA 410.4	-88	-88	90	110	
2018/19-2	Lab	method blank	12/5/2018	Conventional	COD	n/a	<	0.73	mg/L	EPA 410.4	0.73	5			
2018/19-2	000NONPJ	matrix spike	12/11/2018	Conventional	Cyanide	Total	=	0.0461	mg/L	ASTM D7511	0.0005	0.002			
2018/19-2	000NONPJ	matrix spike dup	12/11/2018	Conventional	Cyanide	Total	=	0.0465	mg/L	ASTM D7511	0.0005	0.002			
2018/19-2	000NONPJ	matrix spike dup, rec	12/11/2018	Conventional	Cyanide	Total	=	95	%	ASTM D7511	-88	-88	64	136	
2018/19-2	000NONPJ	matrix spike, rec	12/11/2018	Conventional	Cyanide	Total	=	94	%	ASTM D7511	-88	-88	64	136	
2018/19-2	000NONPJ	matrix spike, RPD	12/11/2018	Conventional	Cyanide	Total	=	0.8	%	ASTM D7511	-88	-88	0	47	
2018/19-2	000NONPJ	matrix spike	12/13/2018	Conventional	Cyanide	Total	=	0.0516	mg/L	ASTM D7511	0.0005	0.002			
2018/19-2	000NONPJ	matrix spike	12/13/2018	Conventional	Cyanide	Total	=	0.0453	mg/L	ASTM D7511	0.0005	0.002			
2018/19-2	000NONPJ	matrix spike dup	12/13/2018	Conventional	Cyanide	Total	=	0.0454	mg/L	ASTM D7511	0.0005	0.002			
2018/19-2	000NONPJ	matrix spike dup	12/13/2018	Conventional	Cyanide	Total	=	0.0513	mg/L	ASTM D7511	0.0005	0.002			
2018/19-2	000NONPJ	matrix spike dup, rec	12/13/2018	Conventional	Cyanide	Total	=	98	%	ASTM D7511	-88	-88	64	136	
2018/19-2	000NONPJ	matrix spike dup, rec	12/13/2018	Conventional	Cyanide	Total	=	92	%	ASTM D7511	-88	-88	64	136	
2018/19-2	000NONPJ	matrix spike, rec	12/13/2018	Conventional	Cyanide	Total	=	98	%	ASTM D7511	-88	-88	64	136	
2018/19-2	000NONPJ	matrix spike, rec	12/13/2018	Conventional	Cyanide	Total	=	92	%	ASTM D7511	-88	-88	64	136	
2018/19-2	000NONPJ	matrix spike, RPD	12/13/2018	Conventional	Cyanide	Total	=	0.3	%	ASTM D7511	-88	-88	0	47	
2018/19-2	000NONPJ	matrix spike, RPD	12/13/2018	Conventional	Cyanide	Total	=	0.6	%	ASTM D7511	-88	-88	0	47	
2018/19-2	Lab	LCS	12/11/2018	Conventional	Cyanide	Total	=	0.0472	mg/L	ASTM D7511	0.0005	0.002			
2018/19-2	Lab	LCS	12/11/2018	Conventional	Cyanide	Total	=	0.0493	mg/L	ASTM D7511	0.0005	0.002			
2018/19-2	Lab	LCS, rec	12/11/2018	Conventional	Cyanide	Total	=	100	%	ASTM D7511	-88	-88	84	116	
2018/19-2	Lab	LCS, rec	12/11/2018	Conventional	Cyanide	Total	=	96	%	ASTM D7511	-88	-88	84	116	
2018/19-2	Lab	method blank	12/11/2018	Conventional	Cyanide	Total	<	0.0005	mg/L	ASTM D7511	0.0005	0.002			
2018/19-2	Lab	method blank	12/11/2018	Conventional	Cyanide	Total	<	0.0005	mg/L	ASTM D7511	0.0005	0.002			
2018/19-2	Lab	LCS	12/13/2018	Conventional	Cyanide	Total	=	0.0494	mg/L	ASTM D7511	0.0005	0.002			
2018/19-2	Lab	LCS	12/13/2018	Conventional	Cyanide	Total	=	0.048	mg/L	ASTM D7511	0.0005	0.002			
2018/19-2	Lab	LCS, rec	12/13/2018	Conventional	Cyanide	Total	=	98	%	ASTM D7511	-88	-88	84	116	
2018/19-2	Lab	LCS, rec	12/13/2018	Conventional	Cyanide	Total	=	96	%	ASTM D7511	-88	-88	84	116	
2018/19-2	Lab	method blank	12/13/2018	Conventional	Cyanide	Total	<	0.0005	mg/L	ASTM D7511	0.0005	0.002			
2018/19-2	Lab	method blank	12/13/2018	Conventional	Cyanide	Total	<	0.0005	mg/L	ASTM D7511	0.0005	0.002			
2018/19-2	ME-CC	field blank	12/11/2018	Conventional	Cyanide	Total	<	0.0005	mg/L	ASTM D7511	0.0005	0.002			
2018/19-2	ME-CC	matrix spike	12/11/2018	Conventional	Cyanide	Total	=	0.047	mg/L	ASTM D7511	0.0005	0.002			
2018/19-2	ME-CC	matrix spike dup	12/11/2018	Conventional	Cyanide	Total	=	0.048	mg/L	ASTM D7511	0.0005	0.002			
2018/19-2	ME-CC	matrix spike dup, rec	12/11/2018	Conventional	Cyanide	Total	=	98	%	ASTM D7511	-88	-88	64	136	

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Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2018/19-2	ME-CC	matrix spike, rec	12/11/2018	Conventional	Cyanide	Total	=	95	%	ASTM D7511	-88	-88	64	136	
2018/19-2	ME-CC	matrix spike, RPD	12/11/2018	Conventional	Cyanide	Total	=	2	%	ASTM D7511	-88	-88	0	47	
2018/19-2	MO-FIL	field duplicate	12/11/2018	Conventional	Cyanide	Total	DNQ	0.0008	mg/L	ASTM D7511	0.0005	0.002			
2018/19-2	Lab	LCS	12/20/2018	Conventional	Dissolved Inorganic Carbon	Dissolved	=	10.5	mg/L	SM 5310 B	0.016	0.5			
2018/19-2	Lab	LCS dup	12/20/2018	Conventional	Dissolved Inorganic Carbon	Dissolved	=	10.5	mg/L	SM 5310 B	0.016	0.5			
2018/19-2	Lab	LCS dup, rec	12/20/2018	Conventional	Dissolved Inorganic Carbon	Dissolved	=	105	%	SM 5310 B	-88	-88	85	115	
2018/19-2	Lab	LCS, rec	12/20/2018	Conventional	Dissolved Inorganic Carbon	Dissolved	=	105	%	SM 5310 B	-88	-88	85	115	
2018/19-2	Lab	LCS, RPD	12/20/2018	Conventional	Dissolved Inorganic Carbon	Dissolved	=	0.1	%	SM 5310 B	-88	-88	0	20	
2018/19-2	Lab	method blank	12/20/2018	Conventional	Dissolved Inorganic Carbon	Dissolved	DNQ	0.178	mg/L	SM 5310 B	0.016	0.5			IP
2018/19-2	000NONPJ	matrix spike	12/18/2018	Conventional	Dissolved Organic Carbon	Dissolved	=	7.81	mg/L	SM 5310 B	0.013	0.3			
2018/19-2	000NONPJ	matrix spike dup	12/18/2018	Conventional	Dissolved Organic Carbon	Dissolved	=	7.6	mg/L	SM 5310 B	0.013	0.3			
2018/19-2	000NONPJ	matrix spike dup, rec	12/18/2018	Conventional	Dissolved Organic Carbon	Dissolved	=	86	%	SM 5310 B	-88	-88	74	120	
2018/19-2	000NONPJ	matrix spike, rec	12/18/2018	Conventional	Dissolved Organic Carbon	Dissolved	=	90	%	SM 5310 B	-88	-88	74	120	
2018/19-2	000NONPJ	matrix spike, RPD	12/18/2018	Conventional	Dissolved Organic Carbon	Dissolved	=	3	%	SM 5310 B	-88	-88	0	20	
2018/19-2	Lab	LCS	12/11/2018	Conventional	Dissolved Organic Carbon	Dissolved	=	0.985	mg/L	SM 5310 B	0.013	0.3			
2018/19-2	Lab	LCS dup	12/11/2018	Conventional	Dissolved Organic Carbon	Dissolved	=	0.984	mg/L	SM 5310 B	0.013	0.3			
2018/19-2	Lab	LCS dup, rec	12/11/2018	Conventional	Dissolved Organic Carbon	Dissolved	=	98	%	SM 5310 B	-88	-88	85	115	
2018/19-2	Lab	LCS, rec	12/11/2018	Conventional	Dissolved Organic Carbon	Dissolved	=	99	%	SM 5310 B	-88	-88	85	115	
2018/19-2	Lab	LCS, RPD	12/11/2018	Conventional	Dissolved Organic Carbon	Dissolved	=	0.2	%	SM 5310 B	-88	-88	0	20	
2018/19-2	Lab	method blank	12/11/2018	Conventional	Dissolved Organic Carbon	Dissolved	<	0.013	mg/L	SM 5310 B	0.013	0.3			
2018/19-2	Lab	LCS	12/18/2018	Conventional	Dissolved Organic Carbon	Dissolved	=	1	mg/L	SM 5310 B	0.013	0.3			
2018/19-2	Lab	LCS, rec	12/18/2018	Conventional	Dissolved Organic Carbon	Dissolved	=	100	%	SM 5310 B	-88	-88	85	115	
2018/19-2	Lab	method blank	12/18/2018	Conventional	Dissolved Organic Carbon	Dissolved	<	0.013	mg/L	SM 5310 B	0.013	0.3			
2018/19-2	000NONPJ	matrix spike	11/29/2018	Conventional	MBAS	n/a	=	0.22	mg/L	SM 5540 C	0.019	0.05			
2018/19-2	000NONPJ	matrix spike dup	11/29/2018	Conventional	MBAS	n/a	=	0.213	mg/L	SM 5540 C	0.019	0.05			
2018/19-2	000NONPJ	matrix spike dup, rec	11/29/2018	Conventional	MBAS	n/a	=	107	%	SM 5540 C	-88	-88	74	123	
2018/19-2	000NONPJ	matrix spike, rec	11/29/2018	Conventional	MBAS	n/a	=	110	%	SM 5540 C	-88	-88	74	123	
2018/19-2	000NONPJ	matrix spike, RPD	11/29/2018	Conventional	MBAS	n/a	=	3	%	SM 5540 C	-88	-88	0	20	
2018/19-2	000NONPJ	matrix spike	11/30/2018	Conventional	MBAS	n/a	=	0.192	mg/L	SM 5540 C	0.019	0.05			
2018/19-2	000NONPJ	matrix spike dup	11/30/2018	Conventional	MBAS	n/a	=	0.194	mg/L	SM 5540 C	0.019	0.05			
2018/19-2	000NONPJ	matrix spike dup, rec	11/30/2018	Conventional	MBAS	n/a	=	97	%	SM 5540 C	-88	-88	74	123	
2018/19-2	000NONPJ	matrix spike, rec	11/30/2018	Conventional	MBAS	n/a	=	96	%	SM 5540 C	-88	-88	74	123	
2018/19-2	000NONPJ	matrix spike, RPD	11/30/2018	Conventional	MBAS	n/a	=	0.8	%	SM 5540 C	-88	-88	0	20	
2018/19-2	Lab	LCS	11/29/2018	Conventional	MBAS	n/a	=	0.189	mg/L	SM 5540 C	0.019	0.05			
2018/19-2	Lab	LCS, rec	11/29/2018	Conventional	MBAS	n/a	=	95	%	SM 5540 C	-88	-88	82	115	
2018/19-2	Lab	method blank	11/29/2018	Conventional	MBAS	n/a	<	0.019	mg/L	SM 5540 C	0.019	0.05			
2018/19-2	Lab	LCS	11/30/2018	Conventional	MBAS	n/a	=	0.185	mg/L	SM 5540 C	0.019	0.05			
2018/19-2	Lab	LCS, rec	11/30/2018	Conventional	MBAS	n/a	=	93	%	SM 5540 C	-88	-88	82	115	
2018/19-2	Lab	method blank	11/30/2018	Conventional	MBAS	n/a	<	0.019	mg/L	SM 5540 C	0.019	0.05			
2018/19-2	Lab	LCS	12/1/2018	Conventional	MBAS	n/a	=	0.206	mg/L	SM 5540 C	0.019	0.05			
2018/19-2	Lab	LCS, rec	12/1/2018	Conventional	MBAS	n/a	=	103	%	SM 5540 C	-88	-88	82	115	
2018/19-2	Lab	method blank	12/1/2018	Conventional	MBAS	n/a	<	0.019	mg/L	SM 5540 C	0.019	0.05			
2018/19-2	MO-HUE	matrix spike	12/1/2018	Conventional	MBAS	n/a	=	0.272	mg/L	SM 5540 C	0.019	0.05			
2018/19-2	MO-HUE	matrix spike dup	12/1/2018	Conventional	MBAS	n/a	=	0.27	mg/L	SM 5540 C	0.019	0.05			
2018/19-2	MO-HUE	matrix spike dup, rec	12/1/2018	Conventional	MBAS	n/a	=	92	%	SM 5540 C	-88	-88	74	123	
2018/19-2	MO-HUE	matrix spike, rec	12/1/2018	Conventional	MBAS	n/a	=	93	%	SM 5540 C	-88	-88	74	123	
2018/19-2	MO-HUE	matrix spike, RPD	12/1/2018	Conventional	MBAS	n/a	=	0.8	%	SM 5540 C	-88	-88	0	20	

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Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2018/19-2	000NONPJ	matrix spike	12/11/2018	Conventional	Phenolics	n/a	=	0.249	mg/L	EPA 420.4	0.0042	0.01			
2018/19-2	000NONPJ	matrix spike dup	12/11/2018	Conventional	Phenolics	n/a	=	0.256	mg/L	EPA 420.4	0.0042	0.01			
2018/19-2	000NONPJ	matrix spike dup, rec	12/11/2018	Conventional	Phenolics	n/a	=	102	%	EPA 420.4	-88	-88	90	110	
2018/19-2	000NONPJ	matrix spike, rec	12/11/2018	Conventional	Phenolics	n/a	=	100	%	EPA 420.4	-88	-88	90	110	
2018/19-2	000NONPJ	matrix spike, RPD	12/11/2018	Conventional	Phenolics	n/a	=	3	%	EPA 420.4	-88	-88	0	20	
2018/19-2	000NONPJ	matrix spike	12/14/2018	Conventional	Phenolics	n/a	=	0.241	mg/L	EPA 420.4	0.0042	0.01			
2018/19-2	000NONPJ	matrix spike dup	12/14/2018	Conventional	Phenolics	n/a	=	0.24	mg/L	EPA 420.4	0.0042	0.01			
2018/19-2	000NONPJ	matrix spike dup, rec	12/14/2018	Conventional	Phenolics	n/a	=	96	%	EPA 420.4	-88	-88	90	110	
2018/19-2	000NONPJ	matrix spike, rec	12/14/2018	Conventional	Phenolics	n/a	=	96	%	EPA 420.4	-88	-88	90	110	
2018/19-2	000NONPJ	matrix spike, RPD	12/14/2018	Conventional	Phenolics	n/a	=	0.4	%	EPA 420.4	-88	-88	0	20	
2018/19-2	000NONPJ	matrix spike	12/19/2018	Conventional	Phenolics	n/a	=	0.247	mg/L	EPA 420.4	0.0042	0.01			
2018/19-2	000NONPJ	matrix spike dup	12/19/2018	Conventional	Phenolics	n/a	=	0.246	mg/L	EPA 420.4	0.0042	0.01			
2018/19-2	000NONPJ	matrix spike dup, rec	12/19/2018	Conventional	Phenolics	n/a	=	98	%	EPA 420.4	-88	-88	90	110	
2018/19-2	000NONPJ	matrix spike, rec	12/19/2018	Conventional	Phenolics	n/a	=	99	%	EPA 420.4	-88	-88	90	110	
2018/19-2	000NONPJ	matrix spike, RPD	12/19/2018	Conventional	Phenolics	n/a	=	0.4	%	EPA 420.4	-88	-88	0	20	
2018/19-2	Lab	LCS	12/11/2018	Conventional	Phenolics	n/a	=	0.0965	mg/L	EPA 420.4	0.0042	0.01			
2018/19-2	Lab	LCS, rec	12/11/2018	Conventional	Phenolics	n/a	=	97	%	EPA 420.4	-88	-88	90	110	
2018/19-2	Lab	method blank	12/11/2018	Conventional	Phenolics	n/a	<	0.0042	mg/L	EPA 420.4	0.0042	0.01			
2018/19-2	Lab	LCS	12/14/2018	Conventional	Phenolics	n/a	=	0.0964	mg/L	EPA 420.4	0.0042	0.01			
2018/19-2	Lab	LCS, rec	12/14/2018	Conventional	Phenolics	n/a	=	96	%	EPA 420.4	-88	-88	90	110	
2018/19-2	Lab	method blank	12/14/2018	Conventional	Phenolics	n/a	<	0.0042	mg/L	EPA 420.4	0.0042	0.01			
2018/19-2	Lab	LCS	12/19/2018	Conventional	Phenolics	n/a	=	0.0969	mg/L	EPA 420.4	0.0042	0.01			
2018/19-2	Lab	LCS, rec	12/19/2018	Conventional	Phenolics	n/a	=	97	%	EPA 420.4	-88	-88	90	110	
2018/19-2	Lab	method blank	12/19/2018	Conventional	Phenolics	n/a	<	0.0042	mg/L	EPA 420.4	0.0042	0.01			
2018/19-2	000NONPJ	lab duplicate	12/3/2018	Conventional	Specific Conductance	n/a	=	95.9	µmhos/cm	SM 2510 B	0.23	2		4.28	
2018/19-2	000NONPJ	lab duplicate	12/12/2018	Conventional	Specific Conductance	n/a	=	764	µmhos/cm	SM 2510 B	0.23	2		4.28	
2018/19-2	000NONPJ	lab duplicate	12/19/2018	Conventional	Specific Conductance	n/a	=	52.8	µmhos/cm	SM 2510 B	0.23	2		4.28	
2018/19-2	000NONPJ	lab duplicate	12/20/2018	Conventional	Specific Conductance	n/a	=	31800	µmhos/cm	SM 2510 B	0.23	2		4.28	
2018/19-2	Lab	LCS	12/3/2018	Conventional	Specific Conductance	n/a	=	294	µmhos/cm	SM 2510 B	0.23	2			
2018/19-2	Lab	LCS, rec	12/3/2018	Conventional	Specific Conductance	n/a	=	95	%	SM 2510 B	-88	-88	95	105	
2018/19-2	Lab	method blank	12/3/2018	Conventional	Specific Conductance	n/a	DNQ	1.06	µmhos/cm	SM 2510 B	0.23	2			IP
2018/19-2	Lab	LCS	12/12/2018	Conventional	Specific Conductance	n/a	=	319	µmhos/cm	SM 2510 B	0.23	2			
2018/19-2	Lab	LCS, rec	12/12/2018	Conventional	Specific Conductance	n/a	=	103	%	SM 2510 B	-88	-88	95	105	
2018/19-2	Lab	method blank	12/12/2018	Conventional	Specific Conductance	n/a	<	0.23	µmhos/cm	SM 2510 B	0.23	2			
2018/19-2	Lab	LCS	12/19/2018	Conventional	Specific Conductance	n/a	=	308	µmhos/cm	SM 2510 B	0.23	2			
2018/19-2	Lab	LCS, rec	12/19/2018	Conventional	Specific Conductance	n/a	=	100	%	SM 2510 B	-88	-88	95	105	
2018/19-2	Lab	method blank	12/19/2018	Conventional	Specific Conductance	n/a	<	0.23	µmhos/cm	SM 2510 B	0.23	2			
2018/19-2	Lab	LCS	12/20/2018	Conventional	Specific Conductance	n/a	=	25200	µmhos/cm	SM 2510 B	0.23	2			
2018/19-2	Lab	LCS, rec	12/20/2018	Conventional	Specific Conductance	n/a	=	101	%	SM 2510 B	-88	-88	95	105	
2018/19-2	Lab	method blank	12/20/2018	Conventional	Specific Conductance	n/a	<	0.23	µmhos/cm	SM 2510 B	0.23	2			
2018/19-2	000NONPJ	matrix spike	12/1/2018	Conventional	Total Chlorine Residual	n/a	=	0.299	mg/L	SM 4500-Cl G	0.0015	0.05			GB,IL
2018/19-2	000NONPJ	matrix spike dup	12/1/2018	Conventional	Total Chlorine Residual	n/a	=	0.393	mg/L	SM 4500-Cl G	0.0015	0.05			GB,IL
2018/19-2	000NONPJ	matrix spike dup, rec	12/1/2018	Conventional	Total Chlorine Residual	n/a	=	175	%	SM 4500-Cl G	-88	-88	78	114	GB,IL
2018/19-2	000NONPJ	matrix spike, rec	12/1/2018	Conventional	Total Chlorine Residual	n/a	=	128	%	SM 4500-Cl G	-88	-88	78	114	GB,IL
2018/19-2	000NONPJ	matrix spike, RPD	12/1/2018	Conventional	Total Chlorine Residual	n/a	=	27	%	SM 4500-Cl G	-88	-88	0	15	GB,IL
2018/19-2	Lab	LCS	12/1/2018	Conventional	Total Chlorine Residual	n/a	=	0.209	mg/L	SM 4500-Cl G	0.0015	0.05			
2018/19-2	Lab	LCS, rec	12/1/2018	Conventional	Total Chlorine Residual	n/a	=	104	%	SM 4500-Cl G	-88	-88	85	110	

Appendix F
Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2018/19-2	Lab	method blank	12/1/2018	Conventional	Total Chlorine Residual	n/a	<	0.0015	mg/L	SM 4500-Cl G	0.0015	0.05			
2018/19-2	000NONPJ	lab duplicate	12/5/2018	Conventional	Total Dissolved Solids	n/a	=	1370	mg/L	SM 2540 C	4	10		10	
2018/19-2	000NONPJ	lab duplicate	12/27/2018	Conventional	Total Dissolved Solids	n/a	=	59600	mg/L	SM 2540 C	4	10		10	
2018/19-2	Lab	LCS	12/5/2018	Conventional	Total Dissolved Solids	n/a	=	827	mg/L	SM 2540 C	4	10			
2018/19-2	Lab	LCS, rec	12/5/2018	Conventional	Total Dissolved Solids	n/a	=	100	%	SM 2540 C	-88	-88	96	102	
2018/19-2	Lab	method blank	12/5/2018	Conventional	Total Dissolved Solids	n/a	<	4	mg/L	SM 2540 C	4	10			
2018/19-2	Lab	LCS	12/6/2018	Conventional	Total Dissolved Solids	n/a	=	793	mg/L	SM 2540 C	4	10			
2018/19-2	Lab	LCS, rec	12/6/2018	Conventional	Total Dissolved Solids	n/a	=	96	%	SM 2540 C	-88	-88	96	102	
2018/19-2	Lab	method blank	12/6/2018	Conventional	Total Dissolved Solids	n/a	<	4	mg/L	SM 2540 C	4	10			
2018/19-2	Lab	LCS	1/8/2019	Conventional	Total Dissolved Solids	n/a	=	819	mg/L	SM 2540 C	4	10			
2018/19-2	Lab	LCS	1/8/2019	Conventional	Total Dissolved Solids	n/a	=	836	mg/L	SM 2540 C	4	10			
2018/19-2	Lab	LCS, rec	1/8/2019	Conventional	Total Dissolved Solids	n/a	=	101	%	SM 2540 C	-88	-88	96	102	
2018/19-2	Lab	LCS, rec	1/8/2019	Conventional	Total Dissolved Solids	n/a	=	99	%	SM 2540 C	-88	-88	96	102	
2018/19-2	Lab	method blank	1/8/2019	Conventional	Total Dissolved Solids	n/a	<	4	mg/L	SM 2540 C	4	10			
2018/19-2	Lab	method blank	1/8/2019	Conventional	Total Dissolved Solids	n/a	<	4	mg/L	SM 2540 C	4	10			
2018/19-2	ME-VR2	lab duplicate	12/6/2018	Conventional	Total Dissolved Solids	n/a	=	838	mg/L	SM 2540 C	4	10		10	
2018/19-2	MO-HUE	lab duplicate	12/6/2018	Conventional	Total Dissolved Solids	n/a	=	11000	mg/L	SM 2540 C	4	10		10	
2018/19-2	000NONPJ	matrix spike	12/7/2018	Conventional	Total Organic Carbon	n/a	=	4.82	mg/L	SM 5310 B	0.009	0.3			
2018/19-2	000NONPJ	matrix spike dup	12/7/2018	Conventional	Total Organic Carbon	n/a	=	4.68	mg/L	SM 5310 B	0.009	0.3			
2018/19-2	000NONPJ	matrix spike dup, rec	12/7/2018	Conventional	Total Organic Carbon	n/a	=	92	%	SM 5310 B	-88	-88	76	115	
2018/19-2	000NONPJ	matrix spike, rec	12/7/2018	Conventional	Total Organic Carbon	n/a	=	95	%	SM 5310 B	-88	-88	76	115	
2018/19-2	000NONPJ	matrix spike, RPD	12/7/2018	Conventional	Total Organic Carbon	n/a	=	3	%	SM 5310 B	-88	-88	0	20	
2018/19-2	000NONPJ	matrix spike	12/10/2018	Conventional	Total Organic Carbon	n/a	=	6.74	mg/L	SM 5310 B	0.009	0.3			
2018/19-2	000NONPJ	matrix spike dup	12/10/2018	Conventional	Total Organic Carbon	n/a	=	6.56	mg/L	SM 5310 B	0.009	0.3			
2018/19-2	000NONPJ	matrix spike dup, rec	12/10/2018	Conventional	Total Organic Carbon	n/a	=	96	%	SM 5310 B	-88	-88	76	115	
2018/19-2	000NONPJ	matrix spike, rec	12/10/2018	Conventional	Total Organic Carbon	n/a	=	100	%	SM 5310 B	-88	-88	76	115	
2018/19-2	000NONPJ	matrix spike, RPD	12/10/2018	Conventional	Total Organic Carbon	n/a	=	3	%	SM 5310 B	-88	-88	0	20	
2018/19-2	000NONPJ	matrix spike	12/12/2018	Conventional	Total Organic Carbon	n/a	=	5.06	mg/L	SM 5310 B	0.009	0.3			
2018/19-2	000NONPJ	matrix spike dup	12/12/2018	Conventional	Total Organic Carbon	n/a	=	4.86	mg/L	SM 5310 B	0.009	0.3			
2018/19-2	000NONPJ	matrix spike dup, rec	12/12/2018	Conventional	Total Organic Carbon	n/a	=	96	%	SM 5310 B	-88	-88	76	115	
2018/19-2	000NONPJ	matrix spike, rec	12/12/2018	Conventional	Total Organic Carbon	n/a	=	100	%	SM 5310 B	-88	-88	76	115	
2018/19-2	000NONPJ	matrix spike, RPD	12/12/2018	Conventional	Total Organic Carbon	n/a	=	4	%	SM 5310 B	-88	-88	0	20	
2018/19-2	Lab	LCS	12/7/2018	Conventional	Total Organic Carbon	n/a	=	1.03	mg/L	SM 5310 B	0.009	0.3			
2018/19-2	Lab	LCS, rec	12/7/2018	Conventional	Total Organic Carbon	n/a	=	103	%	SM 5310 B	-88	-88	85	115	
2018/19-2	Lab	method blank	12/7/2018	Conventional	Total Organic Carbon	n/a	<	0.009	mg/L	SM 5310 B	0.009	0.3			
2018/19-2	Lab	LCS	12/10/2018	Conventional	Total Organic Carbon	n/a	=	1	mg/L	SM 5310 B	0.009	0.3			
2018/19-2	Lab	LCS, rec	12/10/2018	Conventional	Total Organic Carbon	n/a	=	100	%	SM 5310 B	-88	-88	85	115	
2018/19-2	Lab	method blank	12/10/2018	Conventional	Total Organic Carbon	n/a	<	0.009	mg/L	SM 5310 B	0.009	0.3			
2018/19-2	Lab	LCS	12/12/2018	Conventional	Total Organic Carbon	n/a	=	1.01	mg/L	SM 5310 B	0.009	0.3			
2018/19-2	Lab	LCS, rec	12/12/2018	Conventional	Total Organic Carbon	n/a	=	101	%	SM 5310 B	-88	-88	85	115	
2018/19-2	Lab	method blank	12/12/2018	Conventional	Total Organic Carbon	n/a	<	0.009	mg/L	SM 5310 B	0.009	0.3			
2018/19-2	000NONPJ	lab duplicate	12/1/2018	Conventional	Total Suspended Solids	n/a	DNQ	3	mg/L	SM 2540 D	-88	5		20	
2018/19-2	000NONPJ	lab duplicate	12/1/2018	Conventional	Total Suspended Solids	n/a	=	304	mg/L	SM 2540 D	-88	5		20	
2018/19-2	000NONPJ	lab duplicate	12/3/2018	Conventional	Total Suspended Solids	n/a	=	23	mg/L	SM 2540 D	-88	5		20	
2018/19-2	000NONPJ	lab duplicate	12/3/2018	Conventional	Total Suspended Solids	n/a	=	6	mg/L	SM 2540 D	-88	5		20	
2018/19-2	000NONPJ	lab duplicate	12/6/2018	Conventional	Total Suspended Solids	n/a	=	217	mg/L	SM 2540 D	-88	5		20	
2018/19-2	000NONPJ	lab duplicate	12/6/2018	Conventional	Total Suspended Solids	n/a	=	15	mg/L	SM 2540 D	-88	5		20	

Appendix F
Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2018/19-2	000NONPJ	lab duplicate	12/11/2018	Conventional	Total Suspended Solids	n/a	=	10	mg/L	SM 2540 D	-88	5		20	
2018/19-2	000NONPJ	lab duplicate	12/11/2018	Conventional	Total Suspended Solids	n/a	=	11600	mg/L	SM 2540 D	-88	5		20	
2018/19-2	Lab	LCS	12/1/2018	Conventional	Total Suspended Solids	n/a	=	63	mg/L	SM 2540 D	-88	5			
2018/19-2	Lab	LCS, rec	12/1/2018	Conventional	Total Suspended Solids	n/a	=	109	%	SM 2540 D	-88	-88	90	110	
2018/19-2	Lab	method blank	12/1/2018	Conventional	Total Suspended Solids	n/a	<	5	mg/L	SM 2540 D	-88	5			
2018/19-2	Lab	LCS	12/3/2018	Conventional	Total Suspended Solids	n/a	=	61	mg/L	SM 2540 D	-88	5			
2018/19-2	Lab	LCS, rec	12/3/2018	Conventional	Total Suspended Solids	n/a	=	107	%	SM 2540 D	-88	-88	90	110	
2018/19-2	Lab	method blank	12/3/2018	Conventional	Total Suspended Solids	n/a	<	5	mg/L	SM 2540 D	-88	5			
2018/19-2	Lab	LCS	12/6/2018	Conventional	Total Suspended Solids	n/a	=	69	mg/L	SM 2540 D	-88	5			
2018/19-2	Lab	LCS, rec	12/6/2018	Conventional	Total Suspended Solids	n/a	=	105	%	SM 2540 D	-88	-88	90	110	
2018/19-2	Lab	method blank	12/6/2018	Conventional	Total Suspended Solids	n/a	<	5	mg/L	SM 2540 D	-88	5			
2018/19-2	Lab	LCS	12/11/2018	Conventional	Total Suspended Solids	n/a	=	54	mg/L	SM 2540 D	-88	5			
2018/19-2	Lab	LCS, rec	12/11/2018	Conventional	Total Suspended Solids	n/a	=	96	%	SM 2540 D	-88	-88	90	110	
2018/19-2	Lab	method blank	12/11/2018	Conventional	Total Suspended Solids	n/a		2	mg/L	SM 2540 D	-88	5			IP
2018/19-2	Lab	LCS	11/30/2018	Conventional	Turbidity	n/a	=	6.99	NTU	EPA 180.1	0.024	0.1			
2018/19-2	Lab	LCS, rec	11/30/2018	Conventional	Turbidity	n/a	=	100	%	EPA 180.1	-88	-88	90	110	
2018/19-2	Lab	method blank	11/30/2018	Conventional	Turbidity	n/a	<	0.024	NTU	EPA 180.1	0.024	0.1			
2018/19-2	Lab	LCS	11/30/2018	Conventional	Turbidity	n/a	=	6.67	NTU	EPA 180.1	0.024	0.1			
2018/19-2	Lab	LCS, rec	11/30/2018	Conventional	Turbidity	n/a	=	95	%	EPA 180.1	-88	-88	90	110	
2018/19-2	Lab	method blank	11/30/2018	Conventional	Turbidity	n/a	<	0.024	NTU	EPA 180.1	0.024	0.1			
2018/19-2	ME-SCR	lab duplicate	11/30/2018	Conventional	Turbidity	n/a	=	1940	NTU	EPA 180.1	2.4	10		10	
2018/19-2	MO-OJA	lab duplicate	11/30/2018	Conventional	Turbidity	n/a	=	196	NTU	EPA 180.1	0.24	1		10	
2018/19-2	000NONPJ	lab duplicate	12/3/2018	Conventional	Volatile Suspended Solids	n/a	<	3.1	mg/L	EPA 160.4	3.1	5		15	
2018/19-2	000NONPJ	lab duplicate	12/3/2018	Conventional	Volatile Suspended Solids	n/a	=	11	mg/L	EPA 160.4	3.1	5		15	
2018/19-2	000NONPJ	lab duplicate	12/6/2018	Conventional	Volatile Suspended Solids	n/a	=	50	mg/L	EPA 160.4	3.1	5		15	
2018/19-2	Lab	LCS	12/1/2018	Conventional	Volatile Suspended Solids	n/a	=	38	mg/L	EPA 160.4	3.1	5			
2018/19-2	Lab	LCS, rec	12/1/2018	Conventional	Volatile Suspended Solids	n/a	=	92	%	EPA 160.4	-88	-88	90	110	
2018/19-2	Lab	method blank	12/1/2018	Conventional	Volatile Suspended Solids	n/a	<	3.1	mg/L	EPA 160.4	3.1	5			
2018/19-2	Lab	LCS	12/3/2018	Conventional	Volatile Suspended Solids	n/a	=	44	mg/L	EPA 160.4	3.1	5			
2018/19-2	Lab	LCS, rec	12/3/2018	Conventional	Volatile Suspended Solids	n/a	=	109	%	EPA 160.4	-88	-88	90	110	
2018/19-2	Lab	method blank	12/3/2018	Conventional	Volatile Suspended Solids	n/a	<	3.1	mg/L	EPA 160.4	3.1	5			
2018/19-2	Lab	LCS	12/6/2018	Conventional	Volatile Suspended Solids	n/a	=	51	mg/L	EPA 160.4	3.1	5			
2018/19-2	Lab	LCS, rec	12/6/2018	Conventional	Volatile Suspended Solids	n/a	=	109	%	EPA 160.4	-88	-88	90	110	
2018/19-2	Lab	method blank	12/6/2018	Conventional	Volatile Suspended Solids	n/a	<	3.1	mg/L	EPA 160.4	3.1	5			
2018/19-2	MO-OJA	lab duplicate	12/1/2018	Conventional	Volatile Suspended Solids	n/a	=	170	mg/L	EPA 160.4	3.1	5		15	
2018/19-2	Lab	method blank	12/3/2018	Hydrocarbon	Diesel Range Organics	n/a	DNQ	0.0436	mg/L	EPA 8015D	0.024	0.1			IP
2018/19-2	Lab	LCS	12/3/2018	Hydrocarbon	Diesel Range Organics	n/a	=	0.332	mg/L	EPA 8015D	0.024	0.1			
2018/19-2	Lab	LCS, rec	12/3/2018	Hydrocarbon	Diesel Range Organics	n/a	=	66	%	EPA 8015D	-88	-88	56	136	
2018/19-2	Lab	LCS dup	12/3/2018	Hydrocarbon	Diesel Range Organics	n/a	=	0.334	mg/L	EPA 8015D	0.024	0.1			
2018/19-2	Lab	LCS dup, rec	12/3/2018	Hydrocarbon	Diesel Range Organics	n/a	=	67	%	EPA 8015D	-88	-88	56	136	
2018/19-2	Lab	LCS, RPD	12/3/2018	Hydrocarbon	Diesel Range Organics	n/a	=	0.5	%	EPA 8015D	-88	-88	0	25	
2018/19-2	Lab	method blank	12/18/2018	Hydrocarbon	Diesel Range Organics	n/a	DNQ	0.0284	mg/L	EPA 8015D	0.024	0.1			IP
2018/19-2	Lab	LCS	12/18/2018	Hydrocarbon	Diesel Range Organics	n/a	=	0.393	mg/L	EPA 8015D	0.024	0.1			
2018/19-2	Lab	LCS, rec	12/18/2018	Hydrocarbon	Diesel Range Organics	n/a	=	79	%	EPA 8015D	-88	-88	56	136	
2018/19-2	Lab	LCS dup	12/18/2018	Hydrocarbon	Diesel Range Organics	n/a	=	0.439	mg/L	EPA 8015D	0.024	0.1			
2018/19-2	Lab	LCS dup, rec	12/18/2018	Hydrocarbon	Diesel Range Organics	n/a	=	88	%	EPA 8015D	-88	-88	56	136	
2018/19-2	Lab	LCS, RPD	12/18/2018	Hydrocarbon	Diesel Range Organics	n/a	=	11	%	EPA 8015D	-88	-88	0	25	

Appendix F
Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2018/19-2	Lab	LCS	12/1/2018	Hydrocarbon	Gasoline Range Organics	n/a	=	0.99	mg/L	LUFT GC/MS	0.012	0.1			
2018/19-2	Lab	LCS, rec	12/1/2018	Hydrocarbon	Gasoline Range Organics	n/a	=	99	%	LUFT GC/MS	-88	-88	53	136	
2018/19-2	Lab	LCS dup	12/1/2018	Hydrocarbon	Gasoline Range Organics	n/a	=	0.99	mg/L	LUFT GC/MS	0.012	0.1			
2018/19-2	Lab	LCS dup, rec	12/1/2018	Hydrocarbon	Gasoline Range Organics	n/a	=	99	%	LUFT GC/MS	-88	-88	53	136	
2018/19-2	Lab	LCS, RPD	12/1/2018	Hydrocarbon	Gasoline Range Organics	n/a	=	0	%	LUFT GC/MS	-88	-88	0	25	
2018/19-2	Lab	method blank	12/1/2018	Hydrocarbon	Gasoline Range Organics	n/a	<	0.012	mg/L	LUFT GC/MS	0.012	0.1			
2018/19-2	ME-CC	field blank	12/1/2018	Hydrocarbon	Gasoline Range Organics	n/a	<	0.012	mg/L	LUFT GC/MS	0.012	0.1			
2018/19-2	MO-FIL	field duplicate	12/1/2018	Hydrocarbon	Gasoline Range Organics	n/a	<	0.012	mg/L	LUFT GC/MS	0.012	0.1			
2018/19-2	Lab	srgt method blank	12/3/2018	Hydrocarbon	n-Tetracosane	n/a	=	0.258	mg/L	EPA 8015D	-88	-88			
2018/19-2	Lab	srgt method blank, rec	12/3/2018	Hydrocarbon	n-Tetracosane	n/a	=	103	%	EPA 8015D	-88	-88	64	155	
2018/19-2	Lab	srgt LCS	12/3/2018	Hydrocarbon	n-Tetracosane	n/a	=	0.245	mg/L	EPA 8015D	-88	-88			
2018/19-2	Lab	srgt LCS, rec	12/3/2018	Hydrocarbon	n-Tetracosane	n/a	=	98	%	EPA 8015D	-88	-88	64	155	
2018/19-2	Lab	srgt LCS dup	12/3/2018	Hydrocarbon	n-Tetracosane	n/a	=	0.255	mg/L	EPA 8015D	-88	-88			
2018/19-2	Lab	srgt LCS dup, rec	12/3/2018	Hydrocarbon	n-Tetracosane	n/a	=	102	%	EPA 8015D	-88	-88	64	155	
2018/19-2	Lab	srgt method blank	12/18/2018	Hydrocarbon	n-Tetracosane	n/a	=	0.273	mg/L	EPA 8015D	-88	-88			
2018/19-2	Lab	srgt method blank, rec	12/18/2018	Hydrocarbon	n-Tetracosane	n/a	=	109	%	EPA 8015D	-88	-88	64	155	
2018/19-2	Lab	srgt LCS	12/18/2018	Hydrocarbon	n-Tetracosane	n/a	=	0.27	mg/L	EPA 8015D	-88	-88			
2018/19-2	Lab	srgt LCS, rec	12/18/2018	Hydrocarbon	n-Tetracosane	n/a	=	108	%	EPA 8015D	-88	-88	64	155	
2018/19-2	Lab	srgt LCS dup	12/18/2018	Hydrocarbon	n-Tetracosane	n/a	=	0.284	mg/L	EPA 8015D	-88	-88			
2018/19-2	Lab	srgt LCS dup, rec	12/18/2018	Hydrocarbon	n-Tetracosane	n/a	=	114	%	EPA 8015D	-88	-88	64	155	
2018/19-2	ME-CC	srgt environ	12/18/2018	Hydrocarbon	n-Tetracosane	n/a	=	0.236	mg/L	EPA 8015D	-88	-88			
2018/19-2	ME-CC	srgt environ, rec	12/18/2018	Hydrocarbon	n-Tetracosane	n/a	=	94	%	EPA 8015D	-88	-88	64	155	
2018/19-2	ME-SCR	srgt environ	12/18/2018	Hydrocarbon	n-Tetracosane	n/a	=	0.184	mg/L	EPA 8015D	-88	-88			
2018/19-2	ME-SCR	srgt environ, rec	12/18/2018	Hydrocarbon	n-Tetracosane	n/a	=	73	%	EPA 8015D	-88	-88	64	155	
2018/19-2	ME-VR2	srgt environ	12/18/2018	Hydrocarbon	n-Tetracosane	n/a	=	0.231	mg/L	EPA 8015D	-88	-88			
2018/19-2	ME-VR2	srgt environ, rec	12/18/2018	Hydrocarbon	n-Tetracosane	n/a	=	92	%	EPA 8015D	-88	-88	64	155	
2018/19-2	MO-CAM	srgt environ	12/19/2018	Hydrocarbon	n-Tetracosane	n/a	=	0.25	mg/L	EPA 8015D	-88	-88			
2018/19-2	MO-CAM	srgt environ, rec	12/19/2018	Hydrocarbon	n-Tetracosane	n/a	=	100	%	EPA 8015D	-88	-88	64	155	
2018/19-2	MO-FIL	srgt environ	12/19/2018	Hydrocarbon	n-Tetracosane	n/a	=	0.25	mg/L	EPA 8015D	-88	-88			
2018/19-2	MO-FIL	srgt environ, rec	12/19/2018	Hydrocarbon	n-Tetracosane	n/a	=	100	%	EPA 8015D	-88	-88	64	155	
2018/19-2	MO-HUE	srgt environ	12/19/2018	Hydrocarbon	n-Tetracosane	n/a	=	0.244	mg/L	EPA 8015D	-88	-88			
2018/19-2	MO-HUE	srgt environ, rec	12/19/2018	Hydrocarbon	n-Tetracosane	n/a	=	97	%	EPA 8015D	-88	-88	64	155	
2018/19-2	MO-MEI	srgt environ	12/4/2018	Hydrocarbon	n-Tetracosane	n/a	=	0.253	mg/L	EPA 8015D	-88	-88			
2018/19-2	MO-MEI	srgt environ, rec	12/4/2018	Hydrocarbon	n-Tetracosane	n/a	=	101	%	EPA 8015D	-88	-88	64	155	
2018/19-2	MO-MPK	srgt environ	12/19/2018	Hydrocarbon	n-Tetracosane	n/a	=	0.236	mg/L	EPA 8015D	-88	-88			
2018/19-2	MO-MPK	srgt environ, rec	12/19/2018	Hydrocarbon	n-Tetracosane	n/a	=	94	%	EPA 8015D	-88	-88	64	155	
2018/19-2	MO-OJA	srgt environ	12/4/2018	Hydrocarbon	n-Tetracosane	n/a	=	0.208	mg/L	EPA 8015D	-88	-88			
2018/19-2	MO-OJA	srgt environ, rec	12/4/2018	Hydrocarbon	n-Tetracosane	n/a	=	83	%	EPA 8015D	-88	-88	64	155	
2018/19-2	MO-OXN	srgt environ	12/19/2018	Hydrocarbon	n-Tetracosane	n/a	=	0.245	mg/L	EPA 8015D	-88	-88			
2018/19-2	MO-OXN	srgt environ, rec	12/19/2018	Hydrocarbon	n-Tetracosane	n/a	=	98	%	EPA 8015D	-88	-88	64	155	
2018/19-2	MO-SIM	srgt environ	12/19/2018	Hydrocarbon	n-Tetracosane	n/a	=	0.217	mg/L	EPA 8015D	-88	-88			
2018/19-2	MO-SIM	srgt environ, rec	12/19/2018	Hydrocarbon	n-Tetracosane	n/a	=	87	%	EPA 8015D	-88	-88	64	155	
2018/19-2	MO-SPA	srgt environ	12/19/2018	Hydrocarbon	n-Tetracosane	n/a	=	0.242	mg/L	EPA 8015D	-88	-88			
2018/19-2	MO-SPA	srgt environ, rec	12/19/2018	Hydrocarbon	n-Tetracosane	n/a	=	97	%	EPA 8015D	-88	-88	64	155	
2018/19-2	MO-THO	srgt environ	12/19/2018	Hydrocarbon	n-Tetracosane	n/a	=	0.233	mg/L	EPA 8015D	-88	-88			
2018/19-2	MO-THO	srgt environ, rec	12/19/2018	Hydrocarbon	n-Tetracosane	n/a	=	93	%	EPA 8015D	-88	-88	64	155	
2018/19-2	MO-VEN	srgt environ	12/19/2018	Hydrocarbon	n-Tetracosane	n/a	=	0.246	mg/L	EPA 8015D	-88	-88			

Appendix F
Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2018/19-2	MO-VEN	srgt environ, rec	12/19/2018	Hydrocarbon	n-Tetracosane	n/a	=	98	%	EPA 8015D	-88	-88	64	155	
2018/19-2	Lab	LCS	12/14/2018	Hydrocarbon	Oil and Grease	n/a	=	19.4	mg/L	EPA 1664A	1.3	5			
2018/19-2	Lab	LCS	12/14/2018	Hydrocarbon	Oil and Grease	n/a	DNQ	4.4	mg/L	EPA 1664A	1.3	5			
2018/19-2	Lab	LCS, rec	12/14/2018	Hydrocarbon	Oil and Grease	n/a	=	97	%	EPA 1664A	-88	-88	78	114	
2018/19-2	Lab	LCS, rec	12/14/2018	Hydrocarbon	Oil and Grease	n/a	=	88	%	EPA 1664A	-88	-88	78	114	
2018/19-2	Lab	method blank	12/14/2018	Hydrocarbon	Oil and Grease	n/a	<	1.3	mg/L	EPA 1664A	1.3	5			
2018/19-2	Lab	LCS	12/21/2018	Hydrocarbon	Oil and Grease	n/a	=	17.9	mg/L	EPA 1664A	1.3	5			
2018/19-2	Lab	LCS	12/21/2018	Hydrocarbon	Oil and Grease	n/a	DNQ	4.2	mg/L	EPA 1664A	1.3	5			
2018/19-2	Lab	LCS dup	12/21/2018	Hydrocarbon	Oil and Grease	n/a	=	18.5	mg/L	EPA 1664A	1.3	5			
2018/19-2	Lab	LCS dup, rec	12/21/2018	Hydrocarbon	Oil and Grease	n/a	=	92	%	EPA 1664A	-88	-88	78	114	
2018/19-2	Lab	LCS, rec	12/21/2018	Hydrocarbon	Oil and Grease	n/a	=	84	%	EPA 1664A	-88	-88	78	114	
2018/19-2	Lab	LCS, rec	12/21/2018	Hydrocarbon	Oil and Grease	n/a	=	90	%	EPA 1664A	-88	-88	78	114	
2018/19-2	Lab	LCS, RPD	12/21/2018	Hydrocarbon	Oil and Grease	n/a	=	3	%	EPA 1664A	-88	-88	0	18	
2018/19-2	Lab	method blank	12/21/2018	Hydrocarbon	Oil and Grease	n/a	<	1.3	mg/L	EPA 1664A	1.3	5			
2018/19-2	ME-CC	field blank	12/14/2018	Hydrocarbon	Oil and Grease	n/a	<	1.3	mg/L	EPA 1664A	1.3	5			
2018/19-2	ME-CC	matrix spike	12/14/2018	Hydrocarbon	Oil and Grease	n/a	=	22.2	mg/L	EPA 1664A	1.3	5			
2018/19-2	ME-CC	matrix spike dup	12/14/2018	Hydrocarbon	Oil and Grease	n/a	=	21.7	mg/L	EPA 1664A	1.3	5			
2018/19-2	ME-CC	matrix spike dup, rec	12/14/2018	Hydrocarbon	Oil and Grease	n/a	=	100	%	EPA 1664A	-88	-88	78	114	
2018/19-2	ME-CC	matrix spike, rec	12/14/2018	Hydrocarbon	Oil and Grease	n/a	=	102	%	EPA 1664A	-88	-88	78	114	
2018/19-2	ME-CC	matrix spike, RPD	12/14/2018	Hydrocarbon	Oil and Grease	n/a	=	2	%	EPA 1664A	-88	-88	0	18	
2018/19-2	MO-FIL	field duplicate	12/14/2018	Hydrocarbon	Oil and Grease	n/a	<	1.3	mg/L	EPA 1664A	1.3	5			
2018/19-2	Lab	method blank	12/3/2018	Hydrocarbon	Oil Range Organics	n/a	<	0.33	mg/L	EPA 8015D	0.33	0.5			
2018/19-2	Lab	method blank	12/18/2018	Hydrocarbon	Oil Range Organics	n/a	<	0.33	mg/L	EPA 8015D	0.33	0.5			
2018/19-2	Lab	method blank	12/11/2018	Metal	Aluminum	Dissolved	<	1.3	µg/L	EPA 200.8	1.3	5			
2018/19-2	Lab	method blank	12/11/2018	Metal	Aluminum	Dissolved	<	1.3	µg/L	EPA 200.8	1.3	5			
2018/19-2	Lab	LCS	12/11/2018	Metal	Aluminum	Dissolved	=	48.7	µg/L	EPA 200.8	1.3	5			
2018/19-2	Lab	LCS, rec	12/11/2018	Metal	Aluminum	Dissolved	=	98	%	EPA 200.8	-88	-88	85	115	
2018/19-2	Lab	method blank	12/12/2018	Metal	Aluminum	Dissolved	DNQ	3.18	µg/L	EPA 200.8	1.3	5			IP
2018/19-2	Lab	LCS	12/12/2018	Metal	Aluminum	Dissolved	=	49.8	µg/L	EPA 200.8	1.3	5			
2018/19-2	Lab	LCS, rec	12/12/2018	Metal	Aluminum	Dissolved	=	100	%	EPA 200.8	-88	-88	85	115	
2018/19-2	Lab	method blank	12/13/2018	Metal	Aluminum	Dissolved	<	1.3	µg/L	EPA 200.8	1.3	5			
2018/19-2	Lab	LCS	12/13/2018	Metal	Aluminum	Dissolved	=	52.4	µg/L	EPA 200.8	1.3	5			
2018/19-2	Lab	LCS, rec	12/13/2018	Metal	Aluminum	Dissolved	=	105	%	EPA 200.8	-88	-88	85	115	
2018/19-2	000NONPJ	matrix spike	12/13/2018	Metal	Aluminum	Total	=	254	µg/L	EPA 200.8	1.3	5			
2018/19-2	000NONPJ	matrix spike, rec	12/13/2018	Metal	Aluminum	Total	=	112	%	EPA 200.8	-88	-88	70	130	
2018/19-2	000NONPJ	matrix spike dup	12/13/2018	Metal	Aluminum	Total	=	250	µg/L	EPA 200.8	1.3	5			
2018/19-2	000NONPJ	matrix spike dup, rec	12/13/2018	Metal	Aluminum	Total	=	102	%	EPA 200.8	-88	-88	70	130	
2018/19-2	000NONPJ	matrix spike, RPD	12/13/2018	Metal	Aluminum	Total	=	2	%	EPA 200.8	-88	-88	0	30	
2018/19-2	000NONPJ	matrix spike	12/13/2018	Metal	Aluminum	Total	=	355	µg/L	EPA 200.8	1.3	5			
2018/19-2	000NONPJ	matrix spike, rec	12/13/2018	Metal	Aluminum	Total	=	100	%	EPA 200.8	-88	-88	70	130	
2018/19-2	000NONPJ	matrix spike dup	12/13/2018	Metal	Aluminum	Total	=	334	µg/L	EPA 200.8	1.3	5			GB
2018/19-2	000NONPJ	matrix spike dup, rec	12/13/2018	Metal	Aluminum	Total	=	58	%	EPA 200.8	-88	-88	70	130	GB
2018/19-2	000NONPJ	matrix spike, RPD	12/13/2018	Metal	Aluminum	Total	=	6	%	EPA 200.8	-88	-88	0	30	
2018/19-2	Lab	method blank	12/11/2018	Metal	Aluminum	Total	<	1.3	µg/L	EPA 200.8	1.3	5			
2018/19-2	Lab	LCS	12/11/2018	Metal	Aluminum	Total	=	48.7	µg/L	EPA 200.8	1.3	5			
2018/19-2	Lab	LCS, rec	12/11/2018	Metal	Aluminum	Total	=	98	%	EPA 200.8	-88	-88	85	115	
2018/19-2	Lab	method blank	12/12/2018	Metal	Aluminum	Total	DNQ	1.62	µg/L	EPA 200.8	1.3	5			IP

Appendix F
Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2018/19-2	Lab	LCS	12/12/2018	Metal	Aluminum	Total	=	49.8	µg/L	EPA 200.8	1.3	5			
2018/19-2	Lab	LCS, rec	12/12/2018	Metal	Aluminum	Total	=	100	%	EPA 200.8	-88	-88	85	115	
2018/19-2	Lab	method blank	12/13/2018	Metal	Aluminum	Total	<	1.3	µg/L	EPA 200.8	1.3	5			
2018/19-2	Lab	LCS	12/13/2018	Metal	Aluminum	Total	=	52.4	µg/L	EPA 200.8	1.3	5			
2018/19-2	Lab	LCS, rec	12/13/2018	Metal	Aluminum	Total	=	105	%	EPA 200.8	-88	-88	85	115	
2018/19-2	ME-CC	matrix spike	12/12/2018	Metal	Aluminum	Total	=	6140	µg/L	EPA 200.8	1.3	5			GB
2018/19-2	ME-CC	matrix spike, rec	12/12/2018	Metal	Aluminum	Total	=	544	%	EPA 200.8	-88	-88	70	130	GB
2018/19-2	ME-CC	matrix spike dup	12/12/2018	Metal	Aluminum	Total	=	6390	µg/L	EPA 200.8	1.3	5			GB
2018/19-2	ME-CC	matrix spike dup, rec	12/12/2018	Metal	Aluminum	Total	=	1050	%	EPA 200.8	-88	-88	70	130	GB
2018/19-2	ME-CC	matrix spike, RPD	12/12/2018	Metal	Aluminum	Total	=	4	%	EPA 200.8	-88	-88	0	30	GB
2018/19-2	MO-HUE	matrix spike	12/11/2018	Metal	Aluminum	Total	=	177	µg/L	EPA 200.8	6.5	25			
2018/19-2	MO-HUE	matrix spike, rec	12/11/2018	Metal	Aluminum	Total	=	86	%	EPA 200.8	-88	-88	70	130	
2018/19-2	MO-HUE	matrix spike dup	12/11/2018	Metal	Aluminum	Total	=	175	µg/L	EPA 200.8	6.5	25			
2018/19-2	MO-HUE	matrix spike dup, rec	12/11/2018	Metal	Aluminum	Total	=	82	%	EPA 200.8	-88	-88	70	130	
2018/19-2	MO-HUE	matrix spike, RPD	12/11/2018	Metal	Aluminum	Total	=	1	%	EPA 200.8	-88	-88	0	30	
2018/19-2	MO-OXN	matrix spike	12/11/2018	Metal	Aluminum	Total	=	2360	µg/L	EPA 200.8	1.3	5			GB
2018/19-2	MO-OXN	matrix spike, rec	12/11/2018	Metal	Aluminum	Total	=	-176	%	EPA 200.8	-88	-88	70	130	GB
2018/19-2	MO-OXN	matrix spike dup	12/11/2018	Metal	Aluminum	Total	=	2420	µg/L	EPA 200.8	1.3	5			GB
2018/19-2	MO-OXN	matrix spike dup, rec	12/11/2018	Metal	Aluminum	Total	=	-56	%	EPA 200.8	-88	-88	70	130	GB
2018/19-2	MO-OXN	matrix spike, RPD	12/11/2018	Metal	Aluminum	Total	=	3	%	EPA 200.8	-88	-88	0	30	GB
2018/19-2	MO-THO	matrix spike	12/12/2018	Metal	Aluminum	Total	=	4040	µg/L	EPA 200.8	1.3	5			GB
2018/19-2	MO-THO	matrix spike, rec	12/12/2018	Metal	Aluminum	Total	=	1460	%	EPA 200.8	-88	-88	70	130	GB
2018/19-2	MO-THO	matrix spike dup	12/12/2018	Metal	Aluminum	Total	=	4180	µg/L	EPA 200.8	1.3	5			GB
2018/19-2	MO-THO	matrix spike dup, rec	12/12/2018	Metal	Aluminum	Total	=	1730	%	EPA 200.8	-88	-88	70	130	GB
2018/19-2	MO-THO	matrix spike, RPD	12/12/2018	Metal	Aluminum	Total	=	3	%	EPA 200.8	-88	-88	0	30	GB
2018/19-2	Lab	method blank	12/11/2018	Metal	Antimony	Dissolved	<	0.045	µg/L	EPA 200.8	0.045	0.5			
2018/19-2	Lab	method blank	12/11/2018	Metal	Antimony	Dissolved	<	0.045	µg/L	EPA 200.8	0.045	0.5			
2018/19-2	Lab	LCS	12/11/2018	Metal	Antimony	Dissolved	=	49.2	µg/L	EPA 200.8	0.045	0.5			
2018/19-2	Lab	LCS, rec	12/11/2018	Metal	Antimony	Dissolved	=	99	%	EPA 200.8	-88	-88	85	115	
2018/19-2	Lab	method blank	12/12/2018	Metal	Antimony	Dissolved	<	0.045	µg/L	EPA 200.8	0.045	0.5			
2018/19-2	Lab	LCS	12/12/2018	Metal	Antimony	Dissolved	=	50.6	µg/L	EPA 200.8	0.045	0.5			
2018/19-2	Lab	LCS, rec	12/12/2018	Metal	Antimony	Dissolved	=	101	%	EPA 200.8	-88	-88	85	115	
2018/19-2	Lab	method blank	12/13/2018	Metal	Antimony	Dissolved	<	0.045	µg/L	EPA 200.8	0.045	0.5			
2018/19-2	Lab	LCS	12/13/2018	Metal	Antimony	Dissolved	=	48.6	µg/L	EPA 200.8	0.045	0.5			
2018/19-2	Lab	LCS, rec	12/13/2018	Metal	Antimony	Dissolved	=	97	%	EPA 200.8	-88	-88	85	115	
2018/19-2	000NONPJ	matrix spike	12/13/2018	Metal	Antimony	Total	=	52.3	µg/L	EPA 200.8	0.045	0.5			
2018/19-2	000NONPJ	matrix spike, rec	12/13/2018	Metal	Antimony	Total	=	103	%	EPA 200.8	-88	-88	70	130	
2018/19-2	000NONPJ	matrix spike dup	12/13/2018	Metal	Antimony	Total	=	52.8	µg/L	EPA 200.8	0.045	0.5			
2018/19-2	000NONPJ	matrix spike dup, rec	12/13/2018	Metal	Antimony	Total	=	104	%	EPA 200.8	-88	-88	70	130	
2018/19-2	000NONPJ	matrix spike, RPD	12/13/2018	Metal	Antimony	Total	=	0.8	%	EPA 200.8	-88	-88	0	30	
2018/19-2	000NONPJ	matrix spike	12/13/2018	Metal	Antimony	Total	=	52.8	µg/L	EPA 200.8	0.045	0.5			
2018/19-2	000NONPJ	matrix spike, rec	12/13/2018	Metal	Antimony	Total	=	104	%	EPA 200.8	-88	-88	70	130	
2018/19-2	000NONPJ	matrix spike dup	12/13/2018	Metal	Antimony	Total	=	51.8	µg/L	EPA 200.8	0.045	0.5			
2018/19-2	000NONPJ	matrix spike dup, rec	12/13/2018	Metal	Antimony	Total	=	102	%	EPA 200.8	-88	-88	70	130	
2018/19-2	000NONPJ	matrix spike, RPD	12/13/2018	Metal	Antimony	Total	=	2	%	EPA 200.8	-88	-88	0	30	
2018/19-2	Lab	method blank	12/11/2018	Metal	Antimony	Total	<	0.045	µg/L	EPA 200.8	0.045	0.5			
2018/19-2	Lab	LCS	12/11/2018	Metal	Antimony	Total	=	49.2	µg/L	EPA 200.8	0.045	0.5			

Appendix F
Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2018/19-2	Lab	LCS, rec	12/11/2018	Metal	Antimony	Total	=	99	%	EPA 200.8	-88	-88	85	115	
2018/19-2	Lab	method blank	12/12/2018	Metal	Antimony	Total	<	0.045	µg/L	EPA 200.8	0.045	0.5			
2018/19-2	Lab	LCS	12/12/2018	Metal	Antimony	Total	=	50.6	µg/L	EPA 200.8	0.045	0.5			
2018/19-2	Lab	LCS, rec	12/12/2018	Metal	Antimony	Total	=	101	%	EPA 200.8	-88	-88	85	115	
2018/19-2	Lab	method blank	12/13/2018	Metal	Antimony	Total	<	0.045	µg/L	EPA 200.8	0.045	0.5			
2018/19-2	Lab	LCS	12/13/2018	Metal	Antimony	Total	=	48.6	µg/L	EPA 200.8	0.045	0.5			
2018/19-2	Lab	LCS, rec	12/13/2018	Metal	Antimony	Total	=	97	%	EPA 200.8	-88	-88	85	115	
2018/19-2	ME-CC	matrix spike	12/12/2018	Metal	Antimony	Total	=	38.4	µg/L	EPA 200.8	0.045	0.5			
2018/19-2	ME-CC	matrix spike, rec	12/12/2018	Metal	Antimony	Total	=	75	%	EPA 200.8	-88	-88	70	130	
2018/19-2	ME-CC	matrix spike dup	12/12/2018	Metal	Antimony	Total	=	41.9	µg/L	EPA 200.8	0.045	0.5			
2018/19-2	ME-CC	matrix spike dup, rec	12/12/2018	Metal	Antimony	Total	=	82	%	EPA 200.8	-88	-88	70	130	
2018/19-2	ME-CC	matrix spike, RPD	12/12/2018	Metal	Antimony	Total	=	9	%	EPA 200.8	-88	-88	0	30	
2018/19-2	MO-HUE	matrix spike	12/11/2018	Metal	Antimony	Total	=	48.2	µg/L	EPA 200.8	0.22	2.5			
2018/19-2	MO-HUE	matrix spike, rec	12/11/2018	Metal	Antimony	Total	=	96	%	EPA 200.8	-88	-88	70	130	
2018/19-2	MO-HUE	matrix spike dup	12/11/2018	Metal	Antimony	Total	=	48.4	µg/L	EPA 200.8	0.22	2.5			
2018/19-2	MO-HUE	matrix spike dup, rec	12/11/2018	Metal	Antimony	Total	=	97	%	EPA 200.8	-88	-88	70	130	
2018/19-2	MO-HUE	matrix spike, RPD	12/11/2018	Metal	Antimony	Total	=	0.5	%	EPA 200.8	-88	-88	0	30	
2018/19-2	MO-OXN	matrix spike	12/11/2018	Metal	Antimony	Total	=	45.8	µg/L	EPA 200.8	0.045	0.5			
2018/19-2	MO-OXN	matrix spike, rec	12/11/2018	Metal	Antimony	Total	=	88	%	EPA 200.8	-88	-88	70	130	
2018/19-2	MO-OXN	matrix spike dup	12/11/2018	Metal	Antimony	Total	=	46.4	µg/L	EPA 200.8	0.045	0.5			
2018/19-2	MO-OXN	matrix spike dup, rec	12/11/2018	Metal	Antimony	Total	=	89	%	EPA 200.8	-88	-88	70	130	
2018/19-2	MO-OXN	matrix spike, RPD	12/11/2018	Metal	Antimony	Total	=	1	%	EPA 200.8	-88	-88	0	30	
2018/19-2	MO-THO	matrix spike	12/12/2018	Metal	Antimony	Total	=	46.8	µg/L	EPA 200.8	0.045	0.5			
2018/19-2	MO-THO	matrix spike, rec	12/12/2018	Metal	Antimony	Total	=	93	%	EPA 200.8	-88	-88	70	130	
2018/19-2	MO-THO	matrix spike dup	12/12/2018	Metal	Antimony	Total	=	43.7	µg/L	EPA 200.8	0.045	0.5			
2018/19-2	MO-THO	matrix spike dup, rec	12/12/2018	Metal	Antimony	Total	=	86	%	EPA 200.8	-88	-88	70	130	
2018/19-2	MO-THO	matrix spike, RPD	12/12/2018	Metal	Antimony	Total	=	7	%	EPA 200.8	-88	-88	0	30	
2018/19-2	Lab	method blank	12/11/2018	Metal	Arsenic	Dissolved	<	0.074	µg/L	EPA 200.8	0.074	0.4			
2018/19-2	Lab	method blank	12/11/2018	Metal	Arsenic	Dissolved	<	0.074	µg/L	EPA 200.8	0.074	0.4			
2018/19-2	Lab	LCS	12/11/2018	Metal	Arsenic	Dissolved	=	50	µg/L	EPA 200.8	0.074	0.4			
2018/19-2	Lab	LCS, rec	12/11/2018	Metal	Arsenic	Dissolved	=	100	%	EPA 200.8	-88	-88	85	115	
2018/19-2	Lab	method blank	12/12/2018	Metal	Arsenic	Dissolved	<	0.074	µg/L	EPA 200.8	0.074	0.4			
2018/19-2	Lab	LCS	12/12/2018	Metal	Arsenic	Dissolved	=	50.2	µg/L	EPA 200.8	0.074	0.4			
2018/19-2	Lab	LCS, rec	12/12/2018	Metal	Arsenic	Dissolved	=	100	%	EPA 200.8	-88	-88	85	115	
2018/19-2	Lab	method blank	12/13/2018	Metal	Arsenic	Dissolved	<	0.074	µg/L	EPA 200.8	0.074	0.4			
2018/19-2	Lab	LCS	12/13/2018	Metal	Arsenic	Dissolved	=	51.7	µg/L	EPA 200.8	0.074	0.4			
2018/19-2	Lab	LCS, rec	12/13/2018	Metal	Arsenic	Dissolved	=	104	%	EPA 200.8	-88	-88	85	115	
2018/19-2	000NONPJ	matrix spike	12/13/2018	Metal	Arsenic	Total	=	52.7	µg/L	EPA 200.8	0.074	0.4			
2018/19-2	000NONPJ	matrix spike, rec	12/13/2018	Metal	Arsenic	Total	=	103	%	EPA 200.8	-88	-88	70	130	
2018/19-2	000NONPJ	matrix spike dup	12/13/2018	Metal	Arsenic	Total	=	53.5	µg/L	EPA 200.8	0.074	0.4			
2018/19-2	000NONPJ	matrix spike dup, rec	12/13/2018	Metal	Arsenic	Total	=	105	%	EPA 200.8	-88	-88	70	130	
2018/19-2	000NONPJ	matrix spike, RPD	12/13/2018	Metal	Arsenic	Total	=	2	%	EPA 200.8	-88	-88	0	30	
2018/19-2	000NONPJ	matrix spike	12/13/2018	Metal	Arsenic	Total	=	52.9	µg/L	EPA 200.8	0.074	0.4			
2018/19-2	000NONPJ	matrix spike, rec	12/13/2018	Metal	Arsenic	Total	=	104	%	EPA 200.8	-88	-88	70	130	
2018/19-2	000NONPJ	matrix spike dup	12/13/2018	Metal	Arsenic	Total	=	52.5	µg/L	EPA 200.8	0.074	0.4			
2018/19-2	000NONPJ	matrix spike dup, rec	12/13/2018	Metal	Arsenic	Total	=	103	%	EPA 200.8	-88	-88	70	130	
2018/19-2	000NONPJ	matrix spike, RPD	12/13/2018	Metal	Arsenic	Total	=	0.8	%	EPA 200.8	-88	-88	0	30	

Appendix F
Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2018/19-2	Lab	method blank	12/11/2018	Metal	Arsenic	Total	<	0.074	µg/L	EPA 200.8	0.074	0.4			
2018/19-2	Lab	LCS	12/11/2018	Metal	Arsenic	Total	=	50	µg/L	EPA 200.8	0.074	0.4			
2018/19-2	Lab	LCS, rec	12/11/2018	Metal	Arsenic	Total	=	100	%	EPA 200.8	-88	-88	85	115	
2018/19-2	Lab	method blank	12/12/2018	Metal	Arsenic	Total	<	0.074	µg/L	EPA 200.8	0.074	0.4			
2018/19-2	Lab	LCS	12/12/2018	Metal	Arsenic	Total	=	50.2	µg/L	EPA 200.8	0.074	0.4			
2018/19-2	Lab	LCS, rec	12/12/2018	Metal	Arsenic	Total	=	100	%	EPA 200.8	-88	-88	85	115	
2018/19-2	Lab	method blank	12/13/2018	Metal	Arsenic	Total	<	0.074	µg/L	EPA 200.8	0.074	0.4			
2018/19-2	Lab	LCS	12/13/2018	Metal	Arsenic	Total	=	51.7	µg/L	EPA 200.8	0.074	0.4			
2018/19-2	Lab	LCS, rec	12/13/2018	Metal	Arsenic	Total	=	104	%	EPA 200.8	-88	-88	85	115	
2018/19-2	ME-CC	matrix spike	12/12/2018	Metal	Arsenic	Total	=	54.7	µg/L	EPA 200.8	0.074	0.4			
2018/19-2	ME-CC	matrix spike, rec	12/12/2018	Metal	Arsenic	Total	=	101	%	EPA 200.8	-88	-88	70	130	
2018/19-2	ME-CC	matrix spike dup	12/12/2018	Metal	Arsenic	Total	=	55.2	µg/L	EPA 200.8	0.074	0.4			
2018/19-2	ME-CC	matrix spike dup, rec	12/12/2018	Metal	Arsenic	Total	=	101	%	EPA 200.8	-88	-88	70	130	
2018/19-2	ME-CC	matrix spike, RPD	12/12/2018	Metal	Arsenic	Total	=	0.8	%	EPA 200.8	-88	-88	0	30	
2018/19-2	MO-HUE	matrix spike	12/11/2018	Metal	Arsenic	Total	=	52	µg/L	EPA 200.8	0.37	2			
2018/19-2	MO-HUE	matrix spike, rec	12/11/2018	Metal	Arsenic	Total	=	99	%	EPA 200.8	-88	-88	70	130	
2018/19-2	MO-HUE	matrix spike dup	12/11/2018	Metal	Arsenic	Total	=	52.2	µg/L	EPA 200.8	0.37	2			
2018/19-2	MO-HUE	matrix spike dup, rec	12/11/2018	Metal	Arsenic	Total	=	100	%	EPA 200.8	-88	-88	70	130	
2018/19-2	MO-HUE	matrix spike, RPD	12/11/2018	Metal	Arsenic	Total	=	0.4	%	EPA 200.8	-88	-88	0	30	
2018/19-2	MO-OXN	matrix spike	12/11/2018	Metal	Arsenic	Total	=	49.9	µg/L	EPA 200.8	0.074	0.4			
2018/19-2	MO-OXN	matrix spike, rec	12/11/2018	Metal	Arsenic	Total	=	96	%	EPA 200.8	-88	-88	70	130	
2018/19-2	MO-OXN	matrix spike dup	12/11/2018	Metal	Arsenic	Total	=	51.1	µg/L	EPA 200.8	0.074	0.4			
2018/19-2	MO-OXN	matrix spike dup, rec	12/11/2018	Metal	Arsenic	Total	=	98	%	EPA 200.8	-88	-88	70	130	
2018/19-2	MO-OXN	matrix spike, RPD	12/11/2018	Metal	Arsenic	Total	=	2	%	EPA 200.8	-88	-88	0	30	
2018/19-2	MO-THO	matrix spike	12/12/2018	Metal	Arsenic	Total	=	52.3	µg/L	EPA 200.8	0.074	0.4			
2018/19-2	MO-THO	matrix spike, rec	12/12/2018	Metal	Arsenic	Total	=	98	%	EPA 200.8	-88	-88	70	130	
2018/19-2	MO-THO	matrix spike dup	12/12/2018	Metal	Arsenic	Total	=	53.5	µg/L	EPA 200.8	0.074	0.4			
2018/19-2	MO-THO	matrix spike dup, rec	12/12/2018	Metal	Arsenic	Total	=	101	%	EPA 200.8	-88	-88	70	130	
2018/19-2	MO-THO	matrix spike, RPD	12/12/2018	Metal	Arsenic	Total	=	2	%	EPA 200.8	-88	-88	0	30	
2018/19-2	000NONPJ	matrix spike	12/13/2018	Metal	Barium	Total	=	63.6	µg/L	EPA 200.8	0.071	0.5			
2018/19-2	000NONPJ	matrix spike, rec	12/13/2018	Metal	Barium	Total	=	104	%	EPA 200.8	-88	-88	70	130	
2018/19-2	000NONPJ	matrix spike dup	12/13/2018	Metal	Barium	Total	=	63.9	µg/L	EPA 200.8	0.071	0.5			
2018/19-2	000NONPJ	matrix spike dup, rec	12/13/2018	Metal	Barium	Total	=	105	%	EPA 200.8	-88	-88	70	130	
2018/19-2	000NONPJ	matrix spike, RPD	12/13/2018	Metal	Barium	Total	=	0.4	%	EPA 200.8	-88	-88	0	30	
2018/19-2	000NONPJ	matrix spike	12/13/2018	Metal	Barium	Total	=	59	µg/L	EPA 200.8	0.071	0.5			
2018/19-2	000NONPJ	matrix spike, rec	12/13/2018	Metal	Barium	Total	=	104	%	EPA 200.8	-88	-88	70	130	
2018/19-2	000NONPJ	matrix spike dup	12/13/2018	Metal	Barium	Total	=	58.2	µg/L	EPA 200.8	0.071	0.5			
2018/19-2	000NONPJ	matrix spike dup, rec	12/13/2018	Metal	Barium	Total	=	103	%	EPA 200.8	-88	-88	70	130	
2018/19-2	000NONPJ	matrix spike, RPD	12/13/2018	Metal	Barium	Total	=	1	%	EPA 200.8	-88	-88	0	30	
2018/19-2	Lab	method blank	12/11/2018	Metal	Barium	Total	<	0.071	µg/L	EPA 200.8	0.071	0.5			
2018/19-2	Lab	LCS	12/11/2018	Metal	Barium	Total	=	49.3	µg/L	EPA 200.8	0.071	0.5			
2018/19-2	Lab	LCS, rec	12/11/2018	Metal	Barium	Total	=	99	%	EPA 200.8	-88	-88	85	115	
2018/19-2	Lab	method blank	12/12/2018	Metal	Barium	Total	DNQ	0.146	µg/L	EPA 200.8	0.071	0.5			IP
2018/19-2	Lab	LCS	12/12/2018	Metal	Barium	Total	=	49.8	µg/L	EPA 200.8	0.071	0.5			
2018/19-2	Lab	LCS, rec	12/12/2018	Metal	Barium	Total	=	100	%	EPA 200.8	-88	-88	85	115	
2018/19-2	Lab	method blank	12/13/2018	Metal	Barium	Total	<	0.071	µg/L	EPA 200.8	0.071	0.5			
2018/19-2	Lab	LCS	12/13/2018	Metal	Barium	Total	=	48.3	µg/L	EPA 200.8	0.071	0.5			

Appendix F
Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2018/19-2	Lab	LCS, rec	12/13/2018	Metal	Barium	Total	=	97	%	EPA 200.8	-88	-88	85	115	
2018/19-2	ME-CC	matrix spike	12/12/2018	Metal	Barium	Total	=	115	µg/L	EPA 200.8	0.071	0.5			
2018/19-2	ME-CC	matrix spike, rec	12/12/2018	Metal	Barium	Total	=	102	%	EPA 200.8	-88	-88	70	130	
2018/19-2	ME-CC	matrix spike dup	12/12/2018	Metal	Barium	Total	=	115	µg/L	EPA 200.8	0.071	0.5			
2018/19-2	ME-CC	matrix spike dup, rec	12/12/2018	Metal	Barium	Total	=	102	%	EPA 200.8	-88	-88	70	130	
2018/19-2	ME-CC	matrix spike, RPD	12/12/2018	Metal	Barium	Total	=	0.009	%	EPA 200.8	-88	-88	0	30	
2018/19-2	MO-HUE	matrix spike	12/11/2018	Metal	Barium	Total	=	123	µg/L	EPA 200.8	0.36	2.5			
2018/19-2	MO-HUE	matrix spike, rec	12/11/2018	Metal	Barium	Total	=	98	%	EPA 200.8	-88	-88	70	130	
2018/19-2	MO-HUE	matrix spike dup	12/11/2018	Metal	Barium	Total	=	125	µg/L	EPA 200.8	0.36	2.5			
2018/19-2	MO-HUE	matrix spike dup, rec	12/11/2018	Metal	Barium	Total	=	101	%	EPA 200.8	-88	-88	70	130	
2018/19-2	MO-HUE	matrix spike, RPD	12/11/2018	Metal	Barium	Total	=	1	%	EPA 200.8	-88	-88	0	30	
2018/19-2	MO-OXN	matrix spike	12/11/2018	Metal	Barium	Total	=	97.9	µg/L	EPA 200.8	0.071	0.5			
2018/19-2	MO-OXN	matrix spike, rec	12/11/2018	Metal	Barium	Total	=	95	%	EPA 200.8	-88	-88	70	130	
2018/19-2	MO-OXN	matrix spike dup	12/11/2018	Metal	Barium	Total	=	99.1	µg/L	EPA 200.8	0.071	0.5			
2018/19-2	MO-OXN	matrix spike dup, rec	12/11/2018	Metal	Barium	Total	=	98	%	EPA 200.8	-88	-88	70	130	
2018/19-2	MO-OXN	matrix spike, RPD	12/11/2018	Metal	Barium	Total	=	1	%	EPA 200.8	-88	-88	0	30	
2018/19-2	MO-THO	matrix spike	12/12/2018	Metal	Barium	Total	=	91.6	µg/L	EPA 200.8	0.071	0.5			
2018/19-2	MO-THO	matrix spike, rec	12/12/2018	Metal	Barium	Total	=	109	%	EPA 200.8	-88	-88	70	130	
2018/19-2	MO-THO	matrix spike dup	12/12/2018	Metal	Barium	Total	=	86	µg/L	EPA 200.8	0.071	0.5			
2018/19-2	MO-THO	matrix spike dup, rec	12/12/2018	Metal	Barium	Total	=	98	%	EPA 200.8	-88	-88	70	130	
2018/19-2	MO-THO	matrix spike, RPD	12/12/2018	Metal	Barium	Total	=	6	%	EPA 200.8	-88	-88	0	30	
2018/19-2	Lab	method blank	12/11/2018	Metal	Beryllium	Dissolved	<	0.033	µg/L	EPA 200.8	0.033	0.1			
2018/19-2	Lab	method blank	12/11/2018	Metal	Beryllium	Dissolved	<	0.033	µg/L	EPA 200.8	0.033	0.1			
2018/19-2	Lab	LCS	12/11/2018	Metal	Beryllium	Dissolved	=	47.6	µg/L	EPA 200.8	0.033	0.1			
2018/19-2	Lab	LCS, rec	12/11/2018	Metal	Beryllium	Dissolved	=	95	%	EPA 200.8	-88	-88	85	115	
2018/19-2	Lab	method blank	12/12/2018	Metal	Beryllium	Dissolved	<	0.033	µg/L	EPA 200.8	0.033	0.1			
2018/19-2	Lab	LCS	12/12/2018	Metal	Beryllium	Dissolved	=	48.9	µg/L	EPA 200.8	0.033	0.1			
2018/19-2	Lab	LCS, rec	12/12/2018	Metal	Beryllium	Dissolved	=	98	%	EPA 200.8	-88	-88	85	115	
2018/19-2	Lab	method blank	12/13/2018	Metal	Beryllium	Dissolved	<	0.033	µg/L	EPA 200.8	0.033	0.1			
2018/19-2	Lab	LCS	12/13/2018	Metal	Beryllium	Dissolved	=	47.7	µg/L	EPA 200.8	0.033	0.1			
2018/19-2	Lab	LCS, rec	12/13/2018	Metal	Beryllium	Dissolved	=	95	%	EPA 200.8	-88	-88	85	115	
2018/19-2	000NONPJ	matrix spike	12/13/2018	Metal	Beryllium	Total	=	50.5	µg/L	EPA 200.8	0.033	0.1			
2018/19-2	000NONPJ	matrix spike, rec	12/13/2018	Metal	Beryllium	Total	=	101	%	EPA 200.8	-88	-88	70	130	
2018/19-2	000NONPJ	matrix spike dup	12/13/2018	Metal	Beryllium	Total	=	50.7	µg/L	EPA 200.8	0.033	0.1			
2018/19-2	000NONPJ	matrix spike dup, rec	12/13/2018	Metal	Beryllium	Total	=	102	%	EPA 200.8	-88	-88	70	130	
2018/19-2	000NONPJ	matrix spike, RPD	12/13/2018	Metal	Beryllium	Total	=	0.3	%	EPA 200.8	-88	-88	0	30	
2018/19-2	000NONPJ	matrix spike	12/13/2018	Metal	Beryllium	Total	=	50.6	µg/L	EPA 200.8	0.033	0.1			
2018/19-2	000NONPJ	matrix spike, rec	12/13/2018	Metal	Beryllium	Total	=	101	%	EPA 200.8	-88	-88	70	130	
2018/19-2	000NONPJ	matrix spike dup	12/13/2018	Metal	Beryllium	Total	=	49.8	µg/L	EPA 200.8	0.033	0.1			
2018/19-2	000NONPJ	matrix spike dup, rec	12/13/2018	Metal	Beryllium	Total	=	100	%	EPA 200.8	-88	-88	70	130	
2018/19-2	000NONPJ	matrix spike, RPD	12/13/2018	Metal	Beryllium	Total	=	2	%	EPA 200.8	-88	-88	0	30	
2018/19-2	Lab	method blank	12/11/2018	Metal	Beryllium	Total	<	0.033	µg/L	EPA 200.8	0.033	0.1			
2018/19-2	Lab	LCS	12/11/2018	Metal	Beryllium	Total	=	47.6	µg/L	EPA 200.8	0.033	0.1			
2018/19-2	Lab	LCS, rec	12/11/2018	Metal	Beryllium	Total	=	95	%	EPA 200.8	-88	-88	85	115	
2018/19-2	Lab	method blank	12/12/2018	Metal	Beryllium	Total	<	0.033	µg/L	EPA 200.8	0.033	0.1			
2018/19-2	Lab	LCS	12/12/2018	Metal	Beryllium	Total	=	48.9	µg/L	EPA 200.8	0.033	0.1			
2018/19-2	Lab	LCS, rec	12/12/2018	Metal	Beryllium	Total	=	98	%	EPA 200.8	-88	-88	85	115	

Appendix F
Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2018/19-2	Lab	method blank	12/13/2018	Metal	Beryllium	Total	<	0.033	µg/L	EPA 200.8	0.033	0.1			
2018/19-2	Lab	LCS	12/13/2018	Metal	Beryllium	Total	=	47.7	µg/L	EPA 200.8	0.033	0.1			
2018/19-2	Lab	LCS, rec	12/13/2018	Metal	Beryllium	Total	=	95	%	EPA 200.8	-88	-88	85	115	
2018/19-2	ME-CC	matrix spike	12/12/2018	Metal	Beryllium	Total	=	49.7	µg/L	EPA 200.8	0.033	0.1			
2018/19-2	ME-CC	matrix spike, rec	12/12/2018	Metal	Beryllium	Total	=	99	%	EPA 200.8	-88	-88	70	130	
2018/19-2	ME-CC	matrix spike dup	12/12/2018	Metal	Beryllium	Total	=	51.6	µg/L	EPA 200.8	0.033	0.1			
2018/19-2	ME-CC	matrix spike dup, rec	12/12/2018	Metal	Beryllium	Total	=	103	%	EPA 200.8	-88	-88	70	130	
2018/19-2	ME-CC	matrix spike, RPD	12/12/2018	Metal	Beryllium	Total	=	4	%	EPA 200.8	-88	-88	0	30	
2018/19-2	MO-HUE	matrix spike	12/11/2018	Metal	Beryllium	Total	=	45.4	µg/L	EPA 200.8	0.16	0.5			
2018/19-2	MO-HUE	matrix spike, rec	12/11/2018	Metal	Beryllium	Total	=	91	%	EPA 200.8	-88	-88	70	130	
2018/19-2	MO-HUE	matrix spike dup	12/11/2018	Metal	Beryllium	Total	=	46.4	µg/L	EPA 200.8	0.16	0.5			
2018/19-2	MO-HUE	matrix spike dup, rec	12/11/2018	Metal	Beryllium	Total	=	93	%	EPA 200.8	-88	-88	70	130	
2018/19-2	MO-HUE	matrix spike, RPD	12/11/2018	Metal	Beryllium	Total	=	2	%	EPA 200.8	-88	-88	0	30	
2018/19-2	MO-OXN	matrix spike	12/11/2018	Metal	Beryllium	Total	=	47	µg/L	EPA 200.8	0.033	0.1			
2018/19-2	MO-OXN	matrix spike, rec	12/11/2018	Metal	Beryllium	Total	=	94	%	EPA 200.8	-88	-88	70	130	
2018/19-2	MO-OXN	matrix spike dup	12/11/2018	Metal	Beryllium	Total	=	47.4	µg/L	EPA 200.8	0.033	0.1			
2018/19-2	MO-OXN	matrix spike dup, rec	12/11/2018	Metal	Beryllium	Total	=	95	%	EPA 200.8	-88	-88	70	130	
2018/19-2	MO-OXN	matrix spike, RPD	12/11/2018	Metal	Beryllium	Total	=	0.8	%	EPA 200.8	-88	-88	0	30	
2018/19-2	MO-THO	matrix spike	12/12/2018	Metal	Beryllium	Total	=	54.6	µg/L	EPA 200.8	0.033	0.1			
2018/19-2	MO-THO	matrix spike, rec	12/12/2018	Metal	Beryllium	Total	=	109	%	EPA 200.8	-88	-88	70	130	
2018/19-2	MO-THO	matrix spike dup	12/12/2018	Metal	Beryllium	Total	=	50.9	µg/L	EPA 200.8	0.033	0.1			
2018/19-2	MO-THO	matrix spike dup, rec	12/12/2018	Metal	Beryllium	Total	=	102	%	EPA 200.8	-88	-88	70	130	
2018/19-2	MO-THO	matrix spike, RPD	12/12/2018	Metal	Beryllium	Total	=	7	%	EPA 200.8	-88	-88	0	30	
2018/19-2	Lab	method blank	12/11/2018	Metal	Cadmium	Dissolved	<	0.041	µg/L	EPA 200.8	0.041	0.1			
2018/19-2	Lab	method blank	12/11/2018	Metal	Cadmium	Dissolved	<	0.041	µg/L	EPA 200.8	0.041	0.1			
2018/19-2	Lab	LCS	12/11/2018	Metal	Cadmium	Dissolved	=	49.1	µg/L	EPA 200.8	0.041	0.1			
2018/19-2	Lab	LCS, rec	12/11/2018	Metal	Cadmium	Dissolved	=	98	%	EPA 200.8	-88	-88	85	115	
2018/19-2	Lab	method blank	12/12/2018	Metal	Cadmium	Dissolved	<	0.041	µg/L	EPA 200.8	0.041	0.1			
2018/19-2	Lab	LCS	12/12/2018	Metal	Cadmium	Dissolved	=	49.9	µg/L	EPA 200.8	0.041	0.1			
2018/19-2	Lab	LCS, rec	12/12/2018	Metal	Cadmium	Dissolved	=	100	%	EPA 200.8	-88	-88	85	115	
2018/19-2	Lab	method blank	12/13/2018	Metal	Cadmium	Dissolved	<	0.041	µg/L	EPA 200.8	0.041	0.1			
2018/19-2	Lab	LCS	12/13/2018	Metal	Cadmium	Dissolved	=	51.2	µg/L	EPA 200.8	0.041	0.1			
2018/19-2	Lab	LCS, rec	12/13/2018	Metal	Cadmium	Dissolved	=	103	%	EPA 200.8	-88	-88	85	115	
2018/19-2	000NONPJ	matrix spike	12/13/2018	Metal	Cadmium	Total	=	50.8	µg/L	EPA 200.8	0.041	0.1			
2018/19-2	000NONPJ	matrix spike, rec	12/13/2018	Metal	Cadmium	Total	=	102	%	EPA 200.8	-88	-88	70	130	
2018/19-2	000NONPJ	matrix spike dup	12/13/2018	Metal	Cadmium	Total	=	51	µg/L	EPA 200.8	0.041	0.1			
2018/19-2	000NONPJ	matrix spike dup, rec	12/13/2018	Metal	Cadmium	Total	=	102	%	EPA 200.8	-88	-88	70	130	
2018/19-2	000NONPJ	matrix spike, RPD	12/13/2018	Metal	Cadmium	Total	=	0.5	%	EPA 200.8	-88	-88	0	30	
2018/19-2	000NONPJ	matrix spike	12/13/2018	Metal	Cadmium	Total	=	51.1	µg/L	EPA 200.8	0.041	0.1			
2018/19-2	000NONPJ	matrix spike, rec	12/13/2018	Metal	Cadmium	Total	=	102	%	EPA 200.8	-88	-88	70	130	
2018/19-2	000NONPJ	matrix spike dup	12/13/2018	Metal	Cadmium	Total	=	50.2	µg/L	EPA 200.8	0.041	0.1			
2018/19-2	000NONPJ	matrix spike dup, rec	12/13/2018	Metal	Cadmium	Total	=	100	%	EPA 200.8	-88	-88	70	130	
2018/19-2	000NONPJ	matrix spike, RPD	12/13/2018	Metal	Cadmium	Total	=	2	%	EPA 200.8	-88	-88	0	30	
2018/19-2	Lab	method blank	12/11/2018	Metal	Cadmium	Total	<	0.041	µg/L	EPA 200.8	0.041	0.1			
2018/19-2	Lab	LCS	12/11/2018	Metal	Cadmium	Total	=	49.1	µg/L	EPA 200.8	0.041	0.1			
2018/19-2	Lab	LCS, rec	12/11/2018	Metal	Cadmium	Total	=	98	%	EPA 200.8	-88	-88	85	115	
2018/19-2	Lab	method blank	12/12/2018	Metal	Cadmium	Total	<	0.041	µg/L	EPA 200.8	0.041	0.1			

Appendix F
Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2018/19-2	Lab	LCS	12/12/2018	Metal	Cadmium	Total	=	49.9	µg/L	EPA 200.8	0.041	0.1			
2018/19-2	Lab	LCS, rec	12/12/2018	Metal	Cadmium	Total	=	100	%	EPA 200.8	-88	-88	85	115	
2018/19-2	Lab	method blank	12/13/2018	Metal	Cadmium	Total	<	0.041	µg/L	EPA 200.8	0.041	0.1			
2018/19-2	Lab	LCS	12/13/2018	Metal	Cadmium	Total	=	51.2	µg/L	EPA 200.8	0.041	0.1			
2018/19-2	Lab	LCS, rec	12/13/2018	Metal	Cadmium	Total	=	103	%	EPA 200.8	-88	-88	85	115	
2018/19-2	ME-CC	matrix spike	12/12/2018	Metal	Cadmium	Total	=	49.8	µg/L	EPA 200.8	0.041	0.1			
2018/19-2	ME-CC	matrix spike, rec	12/12/2018	Metal	Cadmium	Total	=	99	%	EPA 200.8	-88	-88	70	130	
2018/19-2	ME-CC	matrix spike dup	12/12/2018	Metal	Cadmium	Total	=	49.9	µg/L	EPA 200.8	0.041	0.1			
2018/19-2	ME-CC	matrix spike dup, rec	12/12/2018	Metal	Cadmium	Total	=	99	%	EPA 200.8	-88	-88	70	130	
2018/19-2	ME-CC	matrix spike, RPD	12/12/2018	Metal	Cadmium	Total	=	0.1	%	EPA 200.8	-88	-88	0	30	
2018/19-2	MO-HUE	matrix spike	12/11/2018	Metal	Cadmium	Total	=	43.4	µg/L	EPA 200.8	0.2	0.5			
2018/19-2	MO-HUE	matrix spike, rec	12/11/2018	Metal	Cadmium	Total	=	86	%	EPA 200.8	-88	-88	70	130	
2018/19-2	MO-HUE	matrix spike dup	12/11/2018	Metal	Cadmium	Total	=	44.3	µg/L	EPA 200.8	0.2	0.5			
2018/19-2	MO-HUE	matrix spike dup, rec	12/11/2018	Metal	Cadmium	Total	=	88	%	EPA 200.8	-88	-88	70	130	
2018/19-2	MO-HUE	matrix spike, RPD	12/11/2018	Metal	Cadmium	Total	=	2	%	EPA 200.8	-88	-88	0	30	
2018/19-2	MO-OXN	matrix spike	12/11/2018	Metal	Cadmium	Total	=	47.7	µg/L	EPA 200.8	0.041	0.1			
2018/19-2	MO-OXN	matrix spike, rec	12/11/2018	Metal	Cadmium	Total	=	95	%	EPA 200.8	-88	-88	70	130	
2018/19-2	MO-OXN	matrix spike dup	12/11/2018	Metal	Cadmium	Total	=	49.1	µg/L	EPA 200.8	0.041	0.1			
2018/19-2	MO-OXN	matrix spike dup, rec	12/11/2018	Metal	Cadmium	Total	=	98	%	EPA 200.8	-88	-88	70	130	
2018/19-2	MO-OXN	matrix spike, RPD	12/11/2018	Metal	Cadmium	Total	=	3	%	EPA 200.8	-88	-88	0	30	
2018/19-2	MO-THO	matrix spike	12/12/2018	Metal	Cadmium	Total	=	47.8	µg/L	EPA 200.8	0.041	0.1			
2018/19-2	MO-THO	matrix spike, rec	12/12/2018	Metal	Cadmium	Total	=	95	%	EPA 200.8	-88	-88	70	130	
2018/19-2	MO-THO	matrix spike dup	12/12/2018	Metal	Cadmium	Total	=	49.3	µg/L	EPA 200.8	0.041	0.1			
2018/19-2	MO-THO	matrix spike dup, rec	12/12/2018	Metal	Cadmium	Total	=	98	%	EPA 200.8	-88	-88	70	130	
2018/19-2	MO-THO	matrix spike, RPD	12/12/2018	Metal	Cadmium	Total	=	3	%	EPA 200.8	-88	-88	0	30	
2018/19-2	Lab	method blank	12/11/2018	Metal	Chromium	Dissolved	DNQ	0.13	µg/L	EPA 200.8	0.035	0.2			IP
2018/19-2	Lab	method blank	12/11/2018	Metal	Chromium	Dissolved	<	0.035	µg/L	EPA 200.8	0.035	0.2			
2018/19-2	Lab	LCS	12/11/2018	Metal	Chromium	Dissolved	=	48.4	µg/L	EPA 200.8	0.035	0.2			
2018/19-2	Lab	LCS, rec	12/11/2018	Metal	Chromium	Dissolved	=	97	%	EPA 200.8	-88	-88	85	115	
2018/19-2	Lab	method blank	12/12/2018	Metal	Chromium	Dissolved	<	0.035	µg/L	EPA 200.8	0.035	0.2			
2018/19-2	Lab	LCS	12/12/2018	Metal	Chromium	Dissolved	=	49.1	µg/L	EPA 200.8	0.035	0.2			
2018/19-2	Lab	LCS, rec	12/12/2018	Metal	Chromium	Dissolved	=	98	%	EPA 200.8	-88	-88	85	115	
2018/19-2	Lab	method blank	12/13/2018	Metal	Chromium	Dissolved	<	0.035	µg/L	EPA 200.8	0.035	0.2			
2018/19-2	Lab	LCS	12/13/2018	Metal	Chromium	Dissolved	=	52	µg/L	EPA 200.8	0.035	0.2			
2018/19-2	Lab	LCS, rec	12/13/2018	Metal	Chromium	Dissolved	=	104	%	EPA 200.8	-88	-88	85	115	
2018/19-2	000NONPJ	matrix spike	12/13/2018	Metal	Chromium	Total	=	52.1	µg/L	EPA 200.8	0.035	0.2			
2018/19-2	000NONPJ	matrix spike, rec	12/13/2018	Metal	Chromium	Total	=	103	%	EPA 200.8	-88	-88	70	130	
2018/19-2	000NONPJ	matrix spike dup	12/13/2018	Metal	Chromium	Total	=	52.2	µg/L	EPA 200.8	0.035	0.2			
2018/19-2	000NONPJ	matrix spike dup, rec	12/13/2018	Metal	Chromium	Total	=	103	%	EPA 200.8	-88	-88	70	130	
2018/19-2	000NONPJ	matrix spike, RPD	12/13/2018	Metal	Chromium	Total	=	0.2	%	EPA 200.8	-88	-88	0	30	
2018/19-2	000NONPJ	matrix spike	12/13/2018	Metal	Chromium	Total	=	52	µg/L	EPA 200.8	0.035	0.2			
2018/19-2	000NONPJ	matrix spike, rec	12/13/2018	Metal	Chromium	Total	=	103	%	EPA 200.8	-88	-88	70	130	
2018/19-2	000NONPJ	matrix spike dup	12/13/2018	Metal	Chromium	Total	=	51	µg/L	EPA 200.8	0.035	0.2			
2018/19-2	000NONPJ	matrix spike dup, rec	12/13/2018	Metal	Chromium	Total	=	101	%	EPA 200.8	-88	-88	70	130	
2018/19-2	000NONPJ	matrix spike, RPD	12/13/2018	Metal	Chromium	Total	=	2	%	EPA 200.8	-88	-88	0	30	
2018/19-2	Lab	method blank	12/11/2018	Metal	Chromium	Total	<	0.035	µg/L	EPA 200.8	0.035	0.2			
2018/19-2	Lab	LCS	12/11/2018	Metal	Chromium	Total	=	48.4	µg/L	EPA 200.8	0.035	0.2			

Appendix F
Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2018/19-2	Lab	LCS, rec	12/11/2018	Metal	Chromium	Total	=	97	%	EPA 200.8	-88	-88	85	115	
2018/19-2	Lab	method blank	12/12/2018	Metal	Chromium	Total	<	0.035	µg/L	EPA 200.8	0.035	0.2			
2018/19-2	Lab	LCS	12/12/2018	Metal	Chromium	Total	=	49.1	µg/L	EPA 200.8	0.035	0.2			
2018/19-2	Lab	LCS, rec	12/12/2018	Metal	Chromium	Total	=	98	%	EPA 200.8	-88	-88	85	115	
2018/19-2	Lab	method blank	12/13/2018	Metal	Chromium	Total	<	0.035	µg/L	EPA 200.8	0.035	0.2			
2018/19-2	Lab	LCS	12/13/2018	Metal	Chromium	Total	=	52	µg/L	EPA 200.8	0.035	0.2			
2018/19-2	Lab	LCS, rec	12/13/2018	Metal	Chromium	Total	=	104	%	EPA 200.8	-88	-88	85	115	
2018/19-2	ME-CC	matrix spike	12/12/2018	Metal	Chromium	Total	=	66.4	µg/L	EPA 200.8	0.035	0.2			
2018/19-2	ME-CC	matrix spike, rec	12/12/2018	Metal	Chromium	Total	=	102	%	EPA 200.8	-88	-88	70	130	
2018/19-2	ME-CC	matrix spike dup	12/12/2018	Metal	Chromium	Total	=	67.4	µg/L	EPA 200.8	0.035	0.2			
2018/19-2	ME-CC	matrix spike dup, rec	12/12/2018	Metal	Chromium	Total	=	104	%	EPA 200.8	-88	-88	70	130	
2018/19-2	ME-CC	matrix spike, RPD	12/12/2018	Metal	Chromium	Total	=	1	%	EPA 200.8	-88	-88	0	30	
2018/19-2	MO-HUE	matrix spike	12/11/2018	Metal	Chromium	Total	=	50.2	µg/L	EPA 200.8	0.18	1			
2018/19-2	MO-HUE	matrix spike, rec	12/11/2018	Metal	Chromium	Total	=	100	%	EPA 200.8	-88	-88	70	130	
2018/19-2	MO-HUE	matrix spike dup	12/11/2018	Metal	Chromium	Total	=	50.5	µg/L	EPA 200.8	0.18	1			
2018/19-2	MO-HUE	matrix spike dup, rec	12/11/2018	Metal	Chromium	Total	=	100	%	EPA 200.8	-88	-88	70	130	
2018/19-2	MO-HUE	matrix spike, RPD	12/11/2018	Metal	Chromium	Total	=	0.6	%	EPA 200.8	-88	-88	0	30	
2018/19-2	MO-OXN	matrix spike	12/11/2018	Metal	Chromium	Total	=	53.4	µg/L	EPA 200.8	0.035	0.2			
2018/19-2	MO-OXN	matrix spike, rec	12/11/2018	Metal	Chromium	Total	=	95	%	EPA 200.8	-88	-88	70	130	
2018/19-2	MO-OXN	matrix spike dup	12/11/2018	Metal	Chromium	Total	=	54.9	µg/L	EPA 200.8	0.035	0.2			
2018/19-2	MO-OXN	matrix spike dup, rec	12/11/2018	Metal	Chromium	Total	=	98	%	EPA 200.8	-88	-88	70	130	
2018/19-2	MO-OXN	matrix spike, RPD	12/11/2018	Metal	Chromium	Total	=	3	%	EPA 200.8	-88	-88	0	30	
2018/19-2	MO-THO	matrix spike	12/12/2018	Metal	Chromium	Total	=	59.5	µg/L	EPA 200.8	0.035	0.2			
2018/19-2	MO-THO	matrix spike, rec	12/12/2018	Metal	Chromium	Total	=	99	%	EPA 200.8	-88	-88	70	130	
2018/19-2	MO-THO	matrix spike dup	12/12/2018	Metal	Chromium	Total	=	61.9	µg/L	EPA 200.8	0.035	0.2			
2018/19-2	MO-THO	matrix spike dup, rec	12/12/2018	Metal	Chromium	Total	=	104	%	EPA 200.8	-88	-88	70	130	
2018/19-2	MO-THO	matrix spike, RPD	12/12/2018	Metal	Chromium	Total	=	4	%	EPA 200.8	-88	-88	0	30	
2018/19-2	000NONPJ	matrix spike	11/30/2018	Metal	Chromium VI	n/a	=	106	µg/L	EPA 218.6	0.096	0.4			
2018/19-2	000NONPJ	matrix spike, rec	11/30/2018	Metal	Chromium VI	n/a	=	106	%	EPA 218.6	-88	-88	88	112	
2018/19-2	000NONPJ	matrix spike dup	11/30/2018	Metal	Chromium VI	n/a	=	101	µg/L	EPA 218.6	0.096	0.4			
2018/19-2	000NONPJ	matrix spike dup, rec	11/30/2018	Metal	Chromium VI	n/a	=	101	%	EPA 218.6	-88	-88	88	112	
2018/19-2	000NONPJ	matrix spike, RPD	11/30/2018	Metal	Chromium VI	n/a	=	5	%	EPA 218.6	-88	-88	0	10	
2018/19-2	000NONPJ	matrix spike	11/30/2018	Metal	Chromium VI	n/a	=	25.6	µg/L	EPA 218.6	0.024	0.1			
2018/19-2	000NONPJ	matrix spike, rec	11/30/2018	Metal	Chromium VI	n/a	=	102	%	EPA 218.6	-88	-88	88	112	
2018/19-2	000NONPJ	matrix spike dup	11/30/2018	Metal	Chromium VI	n/a	=	7.35	µg/L	EPA 218.6	0.024	0.1			GB,IL
2018/19-2	000NONPJ	matrix spike dup, rec	11/30/2018	Metal	Chromium VI	n/a	=	29	%	EPA 218.6	-88	-88	88	112	GB,IL
2018/19-2	000NONPJ	matrix spike, RPD	11/30/2018	Metal	Chromium VI	n/a	=	111	%	EPA 218.6	-88	-88	0	10	GB,IL
2018/19-2	000NONPJ	matrix spike	12/4/2018	Metal	Chromium VI	n/a	=	8.55	µg/L	EPA 218.6	0.0048	0.02			
2018/19-2	000NONPJ	matrix spike, rec	12/4/2018	Metal	Chromium VI	n/a	=	101	%	EPA 218.6	-88	-88	88	112	
2018/19-2	000NONPJ	matrix spike dup	12/4/2018	Metal	Chromium VI	n/a	=	8.48	µg/L	EPA 218.6	0.0048	0.02			
2018/19-2	000NONPJ	matrix spike dup, rec	12/4/2018	Metal	Chromium VI	n/a	=	100	%	EPA 218.6	-88	-88	88	112	
2018/19-2	000NONPJ	matrix spike, RPD	12/4/2018	Metal	Chromium VI	n/a	=	0.7	%	EPA 218.6	-88	-88	0	10	
2018/19-2	000NONPJ	matrix spike	12/4/2018	Metal	Chromium VI	n/a	=	5.56	µg/L	EPA 218.6	0.0048	0.02			
2018/19-2	000NONPJ	matrix spike, rec	12/4/2018	Metal	Chromium VI	n/a	=	100	%	EPA 218.6	-88	-88	88	112	
2018/19-2	000NONPJ	matrix spike dup	12/4/2018	Metal	Chromium VI	n/a	=	5.75	µg/L	EPA 218.6	0.0048	0.02			
2018/19-2	000NONPJ	matrix spike dup, rec	12/4/2018	Metal	Chromium VI	n/a	=	104	%	EPA 218.6	-88	-88	88	112	
2018/19-2	000NONPJ	matrix spike, RPD	12/4/2018	Metal	Chromium VI	n/a	=	3	%	EPA 218.6	-88	-88	0	10	

Appendix F
Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2018/19-2	000NONPJ	matrix spike	12/13/2018	Metal	Chromium VI	n/a	=	4.77	µg/L	EPA 218.6	0.0048	0.02			
2018/19-2	000NONPJ	matrix spike, rec	12/13/2018	Metal	Chromium VI	n/a	=	95	%	EPA 218.6	-88	-88	88	112	
2018/19-2	000NONPJ	matrix spike dup	12/13/2018	Metal	Chromium VI	n/a	=	4.75	µg/L	EPA 218.6	0.0048	0.02			
2018/19-2	000NONPJ	matrix spike dup, rec	12/13/2018	Metal	Chromium VI	n/a	=	95	%	EPA 218.6	-88	-88	88	112	
2018/19-2	000NONPJ	matrix spike, RPD	12/13/2018	Metal	Chromium VI	n/a	=	0.6	%	EPA 218.6	-88	-88	0	10	
2018/19-2	000NONPJ	matrix spike	12/13/2018	Metal	Chromium VI	n/a	=	4.93	µg/L	EPA 218.6	0.0048	0.02			
2018/19-2	000NONPJ	matrix spike, rec	12/13/2018	Metal	Chromium VI	n/a	=	93	%	EPA 218.6	-88	-88	88	112	
2018/19-2	000NONPJ	matrix spike dup	12/13/2018	Metal	Chromium VI	n/a	=	5	µg/L	EPA 218.6	0.0048	0.02			
2018/19-2	000NONPJ	matrix spike dup, rec	12/13/2018	Metal	Chromium VI	n/a	=	94	%	EPA 218.6	-88	-88	88	112	
2018/19-2	000NONPJ	matrix spike, RPD	12/13/2018	Metal	Chromium VI	n/a	=	1	%	EPA 218.6	-88	-88	0	10	
2018/19-2	Lab	method blank	11/30/2018	Metal	Chromium VI	n/a	<	0.0048	µg/L	EPA 218.6	0.0048	0.02			
2018/19-2	Lab	LCS	11/30/2018	Metal	Chromium VI	n/a	=	5.16	µg/L	EPA 218.6	0.0048	0.02			
2018/19-2	Lab	LCS, rec	11/30/2018	Metal	Chromium VI	n/a	=	103	%	EPA 218.6	-88	-88	90	110	
2018/19-2	Lab	method blank	12/4/2018	Metal	Chromium VI	n/a	DNQ	0.0146	µg/L	EPA 218.6	0.0048	0.02			IP
2018/19-2	Lab	LCS	12/4/2018	Metal	Chromium VI	n/a	=	5.09	µg/L	EPA 218.6	0.0048	0.02			
2018/19-2	Lab	LCS, rec	12/4/2018	Metal	Chromium VI	n/a	=	102	%	EPA 218.6	-88	-88	90	110	
2018/19-2	Lab	method blank	12/13/2018	Metal	Chromium VI	n/a	<	0.0048	µg/L	EPA 218.6	0.0048	0.02			
2018/19-2	Lab	LCS	12/13/2018	Metal	Chromium VI	n/a	=	4.75	µg/L	EPA 218.6	0.0048	0.02			
2018/19-2	Lab	LCS, rec	12/13/2018	Metal	Chromium VI	n/a	=	95	%	EPA 218.6	-88	-88	90	110	
2018/19-2	Lab	method blank	12/11/2018	Metal	Copper	Dissolved	<	0.13	µg/L	EPA 200.8	0.13	0.5			
2018/19-2	Lab	method blank	12/11/2018	Metal	Copper	Dissolved	<	0.13	µg/L	EPA 200.8	0.13	0.5			
2018/19-2	Lab	LCS	12/11/2018	Metal	Copper	Dissolved	=	50.7	µg/L	EPA 200.8	0.13	0.5			
2018/19-2	Lab	LCS, rec	12/11/2018	Metal	Copper	Dissolved	=	102	%	EPA 200.8	-88	-88	85	115	
2018/19-2	Lab	method blank	12/12/2018	Metal	Copper	Dissolved	<	0.13	µg/L	EPA 200.8	0.13	0.5			
2018/19-2	Lab	LCS	12/12/2018	Metal	Copper	Dissolved	=	50.8	µg/L	EPA 200.8	0.13	0.5			
2018/19-2	Lab	LCS, rec	12/12/2018	Metal	Copper	Dissolved	=	102	%	EPA 200.8	-88	-88	85	115	
2018/19-2	Lab	method blank	12/13/2018	Metal	Copper	Dissolved	<	0.13	µg/L	EPA 200.8	0.13	0.5			
2018/19-2	Lab	LCS	12/13/2018	Metal	Copper	Dissolved	=	54	µg/L	EPA 200.8	0.13	0.5			
2018/19-2	Lab	LCS, rec	12/13/2018	Metal	Copper	Dissolved	=	108	%	EPA 200.8	-88	-88	85	115	
2018/19-2	000NONPJ	matrix spike	12/13/2018	Metal	Copper	Total	=	71.5	µg/L	EPA 200.8	0.13	0.5			
2018/19-2	000NONPJ	matrix spike, rec	12/13/2018	Metal	Copper	Total	=	105	%	EPA 200.8	-88	-88	70	130	
2018/19-2	000NONPJ	matrix spike dup	12/13/2018	Metal	Copper	Total	=	71.9	µg/L	EPA 200.8	0.13	0.5			
2018/19-2	000NONPJ	matrix spike dup, rec	12/13/2018	Metal	Copper	Total	=	106	%	EPA 200.8	-88	-88	70	130	
2018/19-2	000NONPJ	matrix spike, RPD	12/13/2018	Metal	Copper	Total	=	0.5	%	EPA 200.8	-88	-88	0	30	
2018/19-2	000NONPJ	matrix spike	12/13/2018	Metal	Copper	Total	=	67.3	µg/L	EPA 200.8	0.13	0.5			
2018/19-2	000NONPJ	matrix spike, rec	12/13/2018	Metal	Copper	Total	=	104	%	EPA 200.8	-88	-88	70	130	
2018/19-2	000NONPJ	matrix spike dup	12/13/2018	Metal	Copper	Total	=	66.5	µg/L	EPA 200.8	0.13	0.5			
2018/19-2	000NONPJ	matrix spike dup, rec	12/13/2018	Metal	Copper	Total	=	103	%	EPA 200.8	-88	-88	70	130	
2018/19-2	000NONPJ	matrix spike, RPD	12/13/2018	Metal	Copper	Total	=	1	%	EPA 200.8	-88	-88	0	30	
2018/19-2	Lab	method blank	12/11/2018	Metal	Copper	Total	<	0.13	µg/L	EPA 200.8	0.13	0.5			
2018/19-2	Lab	LCS	12/11/2018	Metal	Copper	Total	=	50.7	µg/L	EPA 200.8	0.13	0.5			
2018/19-2	Lab	LCS, rec	12/11/2018	Metal	Copper	Total	=	102	%	EPA 200.8	-88	-88	85	115	
2018/19-2	Lab	method blank	12/12/2018	Metal	Copper	Total	DNQ	0.168	µg/L	EPA 200.8	0.13	0.5			IP
2018/19-2	Lab	LCS	12/12/2018	Metal	Copper	Total	=	50.8	µg/L	EPA 200.8	0.13	0.5			
2018/19-2	Lab	LCS, rec	12/12/2018	Metal	Copper	Total	=	102	%	EPA 200.8	-88	-88	85	115	
2018/19-2	Lab	method blank	12/13/2018	Metal	Copper	Total	<	0.13	µg/L	EPA 200.8	0.13	0.5			
2018/19-2	Lab	LCS	12/13/2018	Metal	Copper	Total	=	54	µg/L	EPA 200.8	0.13	0.5			

Appendix F
Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2018/19-2	Lab	LCS, rec	12/13/2018	Metal	Copper	Total	=	108	%	EPA 200.8	-88	-88	85	115	
2018/19-2	ME-CC	matrix spike	12/12/2018	Metal	Copper	Total	=	66.8	µg/L	EPA 200.8	0.13	0.5			
2018/19-2	ME-CC	matrix spike, rec	12/12/2018	Metal	Copper	Total	=	100	%	EPA 200.8	-88	-88	70	130	
2018/19-2	ME-CC	matrix spike dup	12/12/2018	Metal	Copper	Total	=	67.9	µg/L	EPA 200.8	0.13	0.5			
2018/19-2	ME-CC	matrix spike dup, rec	12/12/2018	Metal	Copper	Total	=	102	%	EPA 200.8	-88	-88	70	130	
2018/19-2	ME-CC	matrix spike, RPD	12/12/2018	Metal	Copper	Total	=	2	%	EPA 200.8	-88	-88	0	30	
2018/19-2	MO-HUE	matrix spike	12/11/2018	Metal	Copper	Total	=	47.8	µg/L	EPA 200.8	0.65	2.5			
2018/19-2	MO-HUE	matrix spike, rec	12/11/2018	Metal	Copper	Total	=	91	%	EPA 200.8	-88	-88	70	130	
2018/19-2	MO-HUE	matrix spike dup	12/11/2018	Metal	Copper	Total	=	48.2	µg/L	EPA 200.8	0.65	2.5			
2018/19-2	MO-HUE	matrix spike dup, rec	12/11/2018	Metal	Copper	Total	=	92	%	EPA 200.8	-88	-88	70	130	
2018/19-2	MO-HUE	matrix spike, RPD	12/11/2018	Metal	Copper	Total	=	0.9	%	EPA 200.8	-88	-88	0	30	
2018/19-2	MO-OXN	matrix spike	12/11/2018	Metal	Copper	Total	=	74.9	µg/L	EPA 200.8	0.13	0.5			
2018/19-2	MO-OXN	matrix spike, rec	12/11/2018	Metal	Copper	Total	=	97	%	EPA 200.8	-88	-88	70	130	
2018/19-2	MO-OXN	matrix spike dup	12/11/2018	Metal	Copper	Total	=	77.3	µg/L	EPA 200.8	0.13	0.5			
2018/19-2	MO-OXN	matrix spike dup, rec	12/11/2018	Metal	Copper	Total	=	102	%	EPA 200.8	-88	-88	70	130	
2018/19-2	MO-OXN	matrix spike, RPD	12/11/2018	Metal	Copper	Total	=	3	%	EPA 200.8	-88	-88	0	30	
2018/19-2	MO-THO	matrix spike	12/12/2018	Metal	Copper	Total	=	62.2	µg/L	EPA 200.8	0.13	0.5			
2018/19-2	MO-THO	matrix spike, rec	12/12/2018	Metal	Copper	Total	=	94	%	EPA 200.8	-88	-88	70	130	
2018/19-2	MO-THO	matrix spike dup	12/12/2018	Metal	Copper	Total	=	64.4	µg/L	EPA 200.8	0.13	0.5			
2018/19-2	MO-THO	matrix spike dup, rec	12/12/2018	Metal	Copper	Total	=	99	%	EPA 200.8	-88	-88	70	130	
2018/19-2	MO-THO	matrix spike, RPD	12/12/2018	Metal	Copper	Total	=	4	%	EPA 200.8	-88	-88	0	30	
2018/19-2	Lab	method blank	12/7/2018	Metal	Iron	Dissolved	<	1.1	µg/L	EPA 200.7	1.1	10			
2018/19-2	Lab	LCS	12/7/2018	Metal	Iron	Dissolved	=	197	µg/L	EPA 200.7	1.1	10			
2018/19-2	Lab	LCS, rec	12/7/2018	Metal	Iron	Dissolved	=	98	%	EPA 200.7	-88	-88	85	115	
2018/19-2	Lab	method blank	12/7/2018	Metal	Iron	Dissolved	<	1.1	µg/L	EPA 200.7	1.1	10			
2018/19-2	Lab	LCS	12/7/2018	Metal	Iron	Dissolved	=	196	µg/L	EPA 200.7	1.1	10			
2018/19-2	Lab	LCS, rec	12/7/2018	Metal	Iron	Dissolved	=	98	%	EPA 200.7	-88	-88	85	115	
2018/19-2	Lab	method blank	12/11/2018	Metal	Iron	Dissolved	<	1.1	µg/L	EPA 200.7	1.1	10			
2018/19-2	Lab	LCS	12/11/2018	Metal	Iron	Dissolved	=	208	µg/L	EPA 200.7	1.1	10			
2018/19-2	Lab	LCS, rec	12/11/2018	Metal	Iron	Dissolved	=	104	%	EPA 200.7	-88	-88	85	115	
2018/19-2	000NONPJ	matrix spike	12/7/2018	Metal	Iron	Total	=	3970	µg/L	EPA 200.7	1.1	10			GB
2018/19-2	000NONPJ	matrix spike, rec	12/7/2018	Metal	Iron	Total	=	-275	%	EPA 200.7	-88	-88	70	130	GB
2018/19-2	000NONPJ	matrix spike dup	12/7/2018	Metal	Iron	Total	=	4610	µg/L	EPA 200.7	1.1	10			GB
2018/19-2	000NONPJ	matrix spike dup, rec	12/7/2018	Metal	Iron	Total	=	44	%	EPA 200.7	-88	-88	70	130	GB
2018/19-2	000NONPJ	matrix spike, RPD	12/7/2018	Metal	Iron	Total	=	15	%	EPA 200.7	-88	-88	0	30	
2018/19-2	Lab	method blank	12/7/2018	Metal	Iron	Total	<	1.1	µg/L	EPA 200.7	1.1	10			
2018/19-2	Lab	LCS	12/7/2018	Metal	Iron	Total	=	197	µg/L	EPA 200.7	1.1	10			
2018/19-2	Lab	LCS, rec	12/7/2018	Metal	Iron	Total	=	98	%	EPA 200.7	-88	-88	85	115	
2018/19-2	Lab	method blank	12/7/2018	Metal	Iron	Total	<	1.1	µg/L	EPA 200.7	1.1	10			
2018/19-2	Lab	LCS	12/7/2018	Metal	Iron	Total	=	196	µg/L	EPA 200.7	1.1	10			
2018/19-2	Lab	LCS, rec	12/7/2018	Metal	Iron	Total	=	98	%	EPA 200.7	-88	-88	85	115	
2018/19-2	Lab	method blank	12/11/2018	Metal	Iron	Total	<	1.1	µg/L	EPA 200.7	1.1	10			
2018/19-2	Lab	LCS	12/11/2018	Metal	Iron	Total	=	208	µg/L	EPA 200.7	1.1	10			
2018/19-2	Lab	LCS, rec	12/11/2018	Metal	Iron	Total	=	104	%	EPA 200.7	-88	-88	85	115	
2018/19-2	ME-VR2	matrix spike	12/11/2018	Metal	Iron	Total	=	665	µg/L	EPA 200.7	1.1	10			
2018/19-2	ME-VR2	matrix spike, rec	12/11/2018	Metal	Iron	Total	=	79	%	EPA 200.7	-88	-88	70	130	
2018/19-2	ME-VR2	matrix spike dup	12/11/2018	Metal	Iron	Total	=	665	µg/L	EPA 200.7	1.1	10			

Appendix F
Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2018/19-2	ME-VR2	matrix spike dup, rec	12/11/2018	Metal	Iron	Total	=	79	%	EPA 200.7	-88	-88	70	130	
2018/19-2	ME-VR2	matrix spike, RPD	12/11/2018	Metal	Iron	Total	=	0	%	EPA 200.7	-88	-88	0	30	
2018/19-2	MO-CAM	matrix spike	12/11/2018	Metal	Iron	Total	=	5830	µg/L	EPA 200.7	1.1	10			
2018/19-2	MO-CAM	matrix spike, rec	12/11/2018	Metal	Iron	Total	=	130	%	EPA 200.7	-88	-88	70	130	
2018/19-2	MO-CAM	matrix spike dup	12/11/2018	Metal	Iron	Total	=	6040	µg/L	EPA 200.7	1.1	10			GB
2018/19-2	MO-CAM	matrix spike dup, rec	12/11/2018	Metal	Iron	Total	=	235	%	EPA 200.7	-88	-88	70	130	GB
2018/19-2	MO-CAM	matrix spike, RPD	12/11/2018	Metal	Iron	Total	=	4	%	EPA 200.7	-88	-88	0	30	
2018/19-2	MO-OJA	matrix spike	12/7/2018	Metal	Iron	Total	=	4660	µg/L	EPA 200.7	1.1	10			GB
2018/19-2	MO-OJA	matrix spike, rec	12/7/2018	Metal	Iron	Total	=	34	%	EPA 200.7	-88	-88	70	130	GB
2018/19-2	MO-OJA	matrix spike dup	12/7/2018	Metal	Iron	Total	=	4720	µg/L	EPA 200.7	1.1	10			GB
2018/19-2	MO-OJA	matrix spike dup, rec	12/7/2018	Metal	Iron	Total	=	66	%	EPA 200.7	-88	-88	70	130	GB
2018/19-2	MO-OJA	matrix spike, RPD	12/7/2018	Metal	Iron	Total	=	1	%	EPA 200.7	-88	-88	0	30	
2018/19-2	Lab	method blank	12/11/2018	Metal	Lead	Dissolved	<	0.031	µg/L	EPA 200.8	0.031	0.2			
2018/19-2	Lab	method blank	12/11/2018	Metal	Lead	Dissolved	<	0.031	µg/L	EPA 200.8	0.031	0.2			
2018/19-2	Lab	LCS	12/11/2018	Metal	Lead	Dissolved	=	50.5	µg/L	EPA 200.8	0.031	0.2			
2018/19-2	Lab	LCS, rec	12/11/2018	Metal	Lead	Dissolved	=	101	%	EPA 200.8	-88	-88	85	115	
2018/19-2	Lab	method blank	12/12/2018	Metal	Lead	Dissolved	<	0.031	µg/L	EPA 200.8	0.031	0.2			
2018/19-2	Lab	LCS	12/12/2018	Metal	Lead	Dissolved	=	49.8	µg/L	EPA 200.8	0.031	0.2			
2018/19-2	Lab	LCS, rec	12/12/2018	Metal	Lead	Dissolved	=	100	%	EPA 200.8	-88	-88	85	115	
2018/19-2	Lab	method blank	12/13/2018	Metal	Lead	Dissolved	<	0.031	µg/L	EPA 200.8	0.031	0.2			
2018/19-2	Lab	LCS	12/13/2018	Metal	Lead	Dissolved	=	48.5	µg/L	EPA 200.8	0.031	0.2			
2018/19-2	Lab	LCS, rec	12/13/2018	Metal	Lead	Dissolved	=	97	%	EPA 200.8	-88	-88	85	115	
2018/19-2	000NONPJ	matrix spike	12/13/2018	Metal	Lead	Total	=	51	µg/L	EPA 200.8	0.031	0.2			
2018/19-2	000NONPJ	matrix spike, rec	12/13/2018	Metal	Lead	Total	=	101	%	EPA 200.8	-88	-88	70	130	
2018/19-2	000NONPJ	matrix spike dup	12/13/2018	Metal	Lead	Total	=	50.7	µg/L	EPA 200.8	0.031	0.2			
2018/19-2	000NONPJ	matrix spike dup, rec	12/13/2018	Metal	Lead	Total	=	101	%	EPA 200.8	-88	-88	70	130	
2018/19-2	000NONPJ	matrix spike, RPD	12/13/2018	Metal	Lead	Total	=	0.6	%	EPA 200.8	-88	-88	0	30	
2018/19-2	000NONPJ	matrix spike	12/13/2018	Metal	Lead	Total	=	51.1	µg/L	EPA 200.8	0.031	0.2			
2018/19-2	000NONPJ	matrix spike, rec	12/13/2018	Metal	Lead	Total	=	102	%	EPA 200.8	-88	-88	70	130	
2018/19-2	000NONPJ	matrix spike dup	12/13/2018	Metal	Lead	Total	=	50.1	µg/L	EPA 200.8	0.031	0.2			
2018/19-2	000NONPJ	matrix spike dup, rec	12/13/2018	Metal	Lead	Total	=	100	%	EPA 200.8	-88	-88	70	130	
2018/19-2	000NONPJ	matrix spike, RPD	12/13/2018	Metal	Lead	Total	=	2	%	EPA 200.8	-88	-88	0	30	
2018/19-2	Lab	method blank	12/11/2018	Metal	Lead	Total	<	0.031	µg/L	EPA 200.8	0.031	0.2			
2018/19-2	Lab	LCS	12/11/2018	Metal	Lead	Total	=	50.5	µg/L	EPA 200.8	0.031	0.2			
2018/19-2	Lab	LCS, rec	12/11/2018	Metal	Lead	Total	=	101	%	EPA 200.8	-88	-88	85	115	
2018/19-2	Lab	method blank	12/12/2018	Metal	Lead	Total	<	0.031	µg/L	EPA 200.8	0.031	0.2			
2018/19-2	Lab	LCS	12/12/2018	Metal	Lead	Total	=	49.8	µg/L	EPA 200.8	0.031	0.2			
2018/19-2	Lab	LCS, rec	12/12/2018	Metal	Lead	Total	=	100	%	EPA 200.8	-88	-88	85	115	
2018/19-2	Lab	method blank	12/13/2018	Metal	Lead	Total	<	0.031	µg/L	EPA 200.8	0.031	0.2			
2018/19-2	Lab	LCS	12/13/2018	Metal	Lead	Total	=	48.5	µg/L	EPA 200.8	0.031	0.2			
2018/19-2	Lab	LCS, rec	12/13/2018	Metal	Lead	Total	=	97	%	EPA 200.8	-88	-88	85	115	
2018/19-2	ME-CC	matrix spike	12/12/2018	Metal	Lead	Total	=	54.3	µg/L	EPA 200.8	0.031	0.2			
2018/19-2	ME-CC	matrix spike, rec	12/12/2018	Metal	Lead	Total	=	99	%	EPA 200.8	-88	-88	70	130	
2018/19-2	ME-CC	matrix spike dup	12/12/2018	Metal	Lead	Total	=	55.3	µg/L	EPA 200.8	0.031	0.2			
2018/19-2	ME-CC	matrix spike dup, rec	12/12/2018	Metal	Lead	Total	=	101	%	EPA 200.8	-88	-88	70	130	
2018/19-2	ME-CC	matrix spike, RPD	12/12/2018	Metal	Lead	Total	=	2	%	EPA 200.8	-88	-88	0	30	
2018/19-2	MO-HUE	matrix spike	12/11/2018	Metal	Lead	Total	=	48.8	µg/L	EPA 200.8	0.16	1			

Appendix F
Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2018/19-2	MO-HUE	matrix spike, rec	12/11/2018	Metal	Lead	Total	=	97	%	EPA 200.8	-88	-88	70	130	
2018/19-2	MO-HUE	matrix spike dup	12/11/2018	Metal	Lead	Total	=	49.6	µg/L	EPA 200.8	0.16	1			
2018/19-2	MO-HUE	matrix spike dup, rec	12/11/2018	Metal	Lead	Total	=	99	%	EPA 200.8	-88	-88	70	130	
2018/19-2	MO-HUE	matrix spike, RPD	12/11/2018	Metal	Lead	Total	=	2	%	EPA 200.8	-88	-88	0	30	
2018/19-2	MO-OXN	matrix spike	12/11/2018	Metal	Lead	Total	=	56.9	µg/L	EPA 200.8	0.031	0.2			
2018/19-2	MO-OXN	matrix spike, rec	12/11/2018	Metal	Lead	Total	=	96	%	EPA 200.8	-88	-88	70	130	
2018/19-2	MO-OXN	matrix spike dup	12/11/2018	Metal	Lead	Total	=	57.7	µg/L	EPA 200.8	0.031	0.2			
2018/19-2	MO-OXN	matrix spike dup, rec	12/11/2018	Metal	Lead	Total	=	98	%	EPA 200.8	-88	-88	70	130	
2018/19-2	MO-OXN	matrix spike, RPD	12/11/2018	Metal	Lead	Total	=	1	%	EPA 200.8	-88	-88	0	30	
2018/19-2	MO-THO	matrix spike	12/12/2018	Metal	Lead	Total	=	54.7	µg/L	EPA 200.8	0.031	0.2			
2018/19-2	MO-THO	matrix spike, rec	12/12/2018	Metal	Lead	Total	=	103	%	EPA 200.8	-88	-88	70	130	
2018/19-2	MO-THO	matrix spike dup	12/12/2018	Metal	Lead	Total	=	51.6	µg/L	EPA 200.8	0.031	0.2			
2018/19-2	MO-THO	matrix spike dup, rec	12/12/2018	Metal	Lead	Total	=	97	%	EPA 200.8	-88	-88	70	130	
2018/19-2	MO-THO	matrix spike, RPD	12/12/2018	Metal	Lead	Total	=	6	%	EPA 200.8	-88	-88	0	30	
2018/19-2	Lab	method blank	12/10/2018	Metal	Mercury	Dissolved	<	17	ng/L	EPA 245.1	17	50			
2018/19-2	Lab	LCS	12/10/2018	Metal	Mercury	Dissolved	=	1040	ng/L	EPA 245.1	17	50			
2018/19-2	Lab	LCS, rec	12/10/2018	Metal	Mercury	Dissolved	=	104	%	EPA 245.1	-88	-88	85	115	
2018/19-2	Lab	method blank	12/12/2018	Metal	Mercury	Dissolved	<	17	ng/L	EPA 245.1	17	50			
2018/19-2	Lab	LCS	12/12/2018	Metal	Mercury	Dissolved	=	1040	ng/L	EPA 245.1	17	50			
2018/19-2	Lab	LCS, rec	12/12/2018	Metal	Mercury	Dissolved	=	104	%	EPA 245.1	-88	-88	85	115	
2018/19-2	Lab	method blank	12/12/2018	Metal	Mercury	Dissolved	<	17	ng/L	EPA 245.1	17	50			
2018/19-2	Lab	method blank	12/12/2018	Metal	Mercury	Dissolved	<	17	ng/L	EPA 245.1	17	50			
2018/19-2	Lab	LCS	12/12/2018	Metal	Mercury	Dissolved	=	1000	ng/L	EPA 245.1	17	50			
2018/19-2	Lab	LCS, rec	12/12/2018	Metal	Mercury	Dissolved	=	100	%	EPA 245.1	-88	-88	85	115	
2018/19-2	MO-MPK	matrix spike	12/10/2018	Metal	Mercury	Dissolved	=	1060	ng/L	EPA 245.1	17	50			
2018/19-2	MO-MPK	matrix spike, rec	12/10/2018	Metal	Mercury	Dissolved	=	106	%	EPA 245.1	-88	-88	70	130	
2018/19-2	MO-MPK	matrix spike dup	12/10/2018	Metal	Mercury	Dissolved	=	1120	ng/L	EPA 245.1	17	50			
2018/19-2	MO-MPK	matrix spike dup, rec	12/10/2018	Metal	Mercury	Dissolved	=	112	%	EPA 245.1	-88	-88	70	130	
2018/19-2	MO-MPK	matrix spike, RPD	12/10/2018	Metal	Mercury	Dissolved	=	6	%	EPA 245.1	-88	-88	0	20	
2018/19-2	MO-SIM	matrix spike	12/10/2018	Metal	Mercury	Dissolved	=	1070	ng/L	EPA 245.1	17	50			
2018/19-2	MO-SIM	matrix spike, rec	12/10/2018	Metal	Mercury	Dissolved	=	107	%	EPA 245.1	-88	-88	70	130	
2018/19-2	MO-SIM	matrix spike dup	12/10/2018	Metal	Mercury	Dissolved	=	1040	ng/L	EPA 245.1	17	50			
2018/19-2	MO-SIM	matrix spike dup, rec	12/10/2018	Metal	Mercury	Dissolved	=	104	%	EPA 245.1	-88	-88	70	130	
2018/19-2	MO-SIM	matrix spike, RPD	12/10/2018	Metal	Mercury	Dissolved	=	2	%	EPA 245.1	-88	-88	0	20	
2018/19-2	000NONPJ	matrix spike	12/10/2018	Metal	Mercury	Total	=	1000	ng/L	EPA 245.1	17	50			
2018/19-2	000NONPJ	matrix spike, rec	12/10/2018	Metal	Mercury	Total	=	98	%	EPA 245.1	-88	-88	70	130	
2018/19-2	000NONPJ	matrix spike dup	12/10/2018	Metal	Mercury	Total	=	989	ng/L	EPA 245.1	17	50			
2018/19-2	000NONPJ	matrix spike dup, rec	12/10/2018	Metal	Mercury	Total	=	97	%	EPA 245.1	-88	-88	70	130	
2018/19-2	000NONPJ	matrix spike, RPD	12/10/2018	Metal	Mercury	Total	=	1	%	EPA 245.1	-88	-88	0	20	
2018/19-2	000NONPJ	matrix spike	12/10/2018	Metal	Mercury	Total	=	1010	ng/L	EPA 245.1	17	50			
2018/19-2	000NONPJ	matrix spike, rec	12/10/2018	Metal	Mercury	Total	=	101	%	EPA 245.1	-88	-88	70	130	
2018/19-2	000NONPJ	matrix spike dup	12/10/2018	Metal	Mercury	Total	=	1030	ng/L	EPA 245.1	17	50			
2018/19-2	000NONPJ	matrix spike dup, rec	12/10/2018	Metal	Mercury	Total	=	103	%	EPA 245.1	-88	-88	70	130	
2018/19-2	000NONPJ	matrix spike, RPD	12/10/2018	Metal	Mercury	Total	=	2	%	EPA 245.1	-88	-88	0	20	
2018/19-2	000NONPJ	matrix spike	12/12/2018	Metal	Mercury	Total	=	957	ng/L	EPA 245.1	17	50			
2018/19-2	000NONPJ	matrix spike, rec	12/12/2018	Metal	Mercury	Total	=	96	%	EPA 245.1	-88	-88	70	130	
2018/19-2	000NONPJ	matrix spike dup	12/12/2018	Metal	Mercury	Total	=	956	ng/L	EPA 245.1	17	50			

Appendix F
Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2018/19-2	000NONPJ	matrix spike dup, rec	12/12/2018	Metal	Mercury	Total	=	96	%	EPA 245.1	-88	-88	70	130	
2018/19-2	000NONPJ	matrix spike, RPD	12/12/2018	Metal	Mercury	Total	=	0.1	%	EPA 245.1	-88	-88	0	20	
2018/19-2	000NONPJ	matrix spike	12/12/2018	Metal	Mercury	Total	=	948	ng/L	EPA 245.1	17	50			
2018/19-2	000NONPJ	matrix spike, rec	12/12/2018	Metal	Mercury	Total	=	95	%	EPA 245.1	-88	-88	70	130	
2018/19-2	000NONPJ	matrix spike dup	12/12/2018	Metal	Mercury	Total	=	966	ng/L	EPA 245.1	17	50			
2018/19-2	000NONPJ	matrix spike dup, rec	12/12/2018	Metal	Mercury	Total	=	97	%	EPA 245.1	-88	-88	70	130	
2018/19-2	000NONPJ	matrix spike, RPD	12/12/2018	Metal	Mercury	Total	=	2	%	EPA 245.1	-88	-88	0	20	
2018/19-2	Lab	method blank	12/10/2018	Metal	Mercury	Total	<	17	ng/L	EPA 245.1	17	50			
2018/19-2	Lab	LCS	12/10/2018	Metal	Mercury	Total	=	1080	ng/L	EPA 245.1	17	50			
2018/19-2	Lab	LCS, rec	12/10/2018	Metal	Mercury	Total	=	108	%	EPA 245.1	-88	-88	85	115	
2018/19-2	Lab	method blank	12/10/2018	Metal	Mercury	Total	<	17	ng/L	EPA 245.1	17	50			
2018/19-2	Lab	LCS	12/10/2018	Metal	Mercury	Total	=	1040	ng/L	EPA 245.1	17	50			
2018/19-2	Lab	LCS, rec	12/10/2018	Metal	Mercury	Total	=	104	%	EPA 245.1	-88	-88	85	115	
2018/19-2	Lab	method blank	12/12/2018	Metal	Mercury	Total	<	17	ng/L	EPA 245.1	17	50			
2018/19-2	Lab	LCS	12/12/2018	Metal	Mercury	Total	=	1000	ng/L	EPA 245.1	17	50			
2018/19-2	Lab	LCS, rec	12/12/2018	Metal	Mercury	Total	=	100	%	EPA 245.1	-88	-88	85	115	
2018/19-2	MO-MPK	matrix spike	12/10/2018	Metal	Mercury	Total	=	1060	ng/L	EPA 245.1	17	50			
2018/19-2	MO-MPK	matrix spike, rec	12/10/2018	Metal	Mercury	Total	=	102	%	EPA 245.1	-88	-88	70	130	
2018/19-2	MO-MPK	matrix spike dup	12/10/2018	Metal	Mercury	Total	=	1120	ng/L	EPA 245.1	17	50			
2018/19-2	MO-MPK	matrix spike dup, rec	12/10/2018	Metal	Mercury	Total	=	108	%	EPA 245.1	-88	-88	70	130	
2018/19-2	MO-MPK	matrix spike, RPD	12/10/2018	Metal	Mercury	Total	=	6	%	EPA 245.1	-88	-88	0	20	
2018/19-2	MO-SIM	matrix spike	12/10/2018	Metal	Mercury	Total	=	1070	ng/L	EPA 245.1	17	50			
2018/19-2	MO-SIM	matrix spike, rec	12/10/2018	Metal	Mercury	Total	=	103	%	EPA 245.1	-88	-88	70	130	
2018/19-2	MO-SIM	matrix spike dup	12/10/2018	Metal	Mercury	Total	=	1040	ng/L	EPA 245.1	17	50			
2018/19-2	MO-SIM	matrix spike dup, rec	12/10/2018	Metal	Mercury	Total	=	101	%	EPA 245.1	-88	-88	70	130	
2018/19-2	MO-SIM	matrix spike, RPD	12/10/2018	Metal	Mercury	Total	=	2	%	EPA 245.1	-88	-88	0	20	
2018/19-2	Lab	method blank	12/11/2018	Metal	Nickel	Dissolved	<	0.045	µg/L	EPA 200.8	0.045	0.8			
2018/19-2	Lab	method blank	12/11/2018	Metal	Nickel	Dissolved	<	0.045	µg/L	EPA 200.8	0.045	0.8			
2018/19-2	Lab	LCS	12/11/2018	Metal	Nickel	Dissolved	=	48.9	µg/L	EPA 200.8	0.045	0.8			
2018/19-2	Lab	LCS, rec	12/11/2018	Metal	Nickel	Dissolved	=	98	%	EPA 200.8	-88	-88	85	115	
2018/19-2	Lab	method blank	12/12/2018	Metal	Nickel	Dissolved	DNQ	0.0747	µg/L	EPA 200.8	0.045	0.8			IP
2018/19-2	Lab	LCS	12/12/2018	Metal	Nickel	Dissolved	=	50.1	µg/L	EPA 200.8	0.045	0.8			
2018/19-2	Lab	LCS, rec	12/12/2018	Metal	Nickel	Dissolved	=	100	%	EPA 200.8	-88	-88	85	115	
2018/19-2	Lab	method blank	12/13/2018	Metal	Nickel	Dissolved	<	0.045	µg/L	EPA 200.8	0.045	0.8			
2018/19-2	Lab	LCS	12/13/2018	Metal	Nickel	Dissolved	=	52.8	µg/L	EPA 200.8	0.045	0.8			
2018/19-2	Lab	LCS, rec	12/13/2018	Metal	Nickel	Dissolved	=	106	%	EPA 200.8	-88	-88	85	115	
2018/19-2	000NONPJ	matrix spike	12/13/2018	Metal	Nickel	Total	=	53.8	µg/L	EPA 200.8	0.045	0.8			
2018/19-2	000NONPJ	matrix spike, rec	12/13/2018	Metal	Nickel	Total	=	101	%	EPA 200.8	-88	-88	70	130	
2018/19-2	000NONPJ	matrix spike dup	12/13/2018	Metal	Nickel	Total	=	54	µg/L	EPA 200.8	0.045	0.8			
2018/19-2	000NONPJ	matrix spike dup, rec	12/13/2018	Metal	Nickel	Total	=	102	%	EPA 200.8	-88	-88	70	130	
2018/19-2	000NONPJ	matrix spike, RPD	12/13/2018	Metal	Nickel	Total	=	0.4	%	EPA 200.8	-88	-88	0	30	
2018/19-2	000NONPJ	matrix spike	12/13/2018	Metal	Nickel	Total	=	53.2	µg/L	EPA 200.8	0.045	0.8			
2018/19-2	000NONPJ	matrix spike, rec	12/13/2018	Metal	Nickel	Total	=	103	%	EPA 200.8	-88	-88	70	130	
2018/19-2	000NONPJ	matrix spike dup	12/13/2018	Metal	Nickel	Total	=	52.5	µg/L	EPA 200.8	0.045	0.8			
2018/19-2	000NONPJ	matrix spike dup, rec	12/13/2018	Metal	Nickel	Total	=	101	%	EPA 200.8	-88	-88	70	130	
2018/19-2	000NONPJ	matrix spike, RPD	12/13/2018	Metal	Nickel	Total	=	1	%	EPA 200.8	-88	-88	0	30	
2018/19-2	Lab	method blank	12/11/2018	Metal	Nickel	Total	<	0.045	µg/L	EPA 200.8	0.045	0.8			

Appendix F
Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2018/19-2	Lab	LCS	12/11/2018	Metal	Nickel	Total	=	48.9	µg/L	EPA 200.8	0.045	0.8			
2018/19-2	Lab	LCS, rec	12/11/2018	Metal	Nickel	Total	=	98	%	EPA 200.8	-88	-88	85	115	
2018/19-2	Lab	method blank	12/12/2018	Metal	Nickel	Total	DNQ	0.125	µg/L	EPA 200.8	0.045	0.8			IP
2018/19-2	Lab	LCS	12/12/2018	Metal	Nickel	Total	=	50.1	µg/L	EPA 200.8	0.045	0.8			
2018/19-2	Lab	LCS, rec	12/12/2018	Metal	Nickel	Total	=	100	%	EPA 200.8	-88	-88	85	115	
2018/19-2	Lab	method blank	12/13/2018	Metal	Nickel	Total	<	0.045	µg/L	EPA 200.8	0.045	0.8			
2018/19-2	Lab	LCS	12/13/2018	Metal	Nickel	Total	=	52.8	µg/L	EPA 200.8	0.045	0.8			
2018/19-2	Lab	LCS, rec	12/13/2018	Metal	Nickel	Total	=	106	%	EPA 200.8	-88	-88	85	115	
2018/19-2	ME-CC	matrix spike	12/12/2018	Metal	Nickel	Total	=	65.5	µg/L	EPA 200.8	0.045	0.8			
2018/19-2	ME-CC	matrix spike, rec	12/12/2018	Metal	Nickel	Total	=	99	%	EPA 200.8	-88	-88	70	130	
2018/19-2	ME-CC	matrix spike dup	12/12/2018	Metal	Nickel	Total	=	66.1	µg/L	EPA 200.8	0.045	0.8			
2018/19-2	ME-CC	matrix spike dup, rec	12/12/2018	Metal	Nickel	Total	=	100	%	EPA 200.8	-88	-88	70	130	
2018/19-2	ME-CC	matrix spike, RPD	12/12/2018	Metal	Nickel	Total	=	1	%	EPA 200.8	-88	-88	0	30	
2018/19-2	MO-HUE	matrix spike	12/11/2018	Metal	Nickel	Total	=	48	µg/L	EPA 200.8	0.22	4			
2018/19-2	MO-HUE	matrix spike, rec	12/11/2018	Metal	Nickel	Total	=	92	%	EPA 200.8	-88	-88	70	130	
2018/19-2	MO-HUE	matrix spike dup	12/11/2018	Metal	Nickel	Total	=	48.3	µg/L	EPA 200.8	0.22	4			
2018/19-2	MO-HUE	matrix spike dup, rec	12/11/2018	Metal	Nickel	Total	=	92	%	EPA 200.8	-88	-88	70	130	
2018/19-2	MO-HUE	matrix spike, RPD	12/11/2018	Metal	Nickel	Total	=	0.6	%	EPA 200.8	-88	-88	0	30	
2018/19-2	MO-OXN	matrix spike	12/11/2018	Metal	Nickel	Total	=	54.9	µg/L	EPA 200.8	0.045	0.8			
2018/19-2	MO-OXN	matrix spike, rec	12/11/2018	Metal	Nickel	Total	=	95	%	EPA 200.8	-88	-88	70	130	
2018/19-2	MO-OXN	matrix spike dup	12/11/2018	Metal	Nickel	Total	=	56.1	µg/L	EPA 200.8	0.045	0.8			
2018/19-2	MO-OXN	matrix spike dup, rec	12/11/2018	Metal	Nickel	Total	=	98	%	EPA 200.8	-88	-88	70	130	
2018/19-2	MO-OXN	matrix spike, RPD	12/11/2018	Metal	Nickel	Total	=	2	%	EPA 200.8	-88	-88	0	30	
2018/19-2	MO-THO	matrix spike	12/12/2018	Metal	Nickel	Total	=	59.4	µg/L	EPA 200.8	0.045	0.8			
2018/19-2	MO-THO	matrix spike, rec	12/12/2018	Metal	Nickel	Total	=	93	%	EPA 200.8	-88	-88	70	130	
2018/19-2	MO-THO	matrix spike dup	12/12/2018	Metal	Nickel	Total	=	61.9	µg/L	EPA 200.8	0.045	0.8			
2018/19-2	MO-THO	matrix spike dup, rec	12/12/2018	Metal	Nickel	Total	=	98	%	EPA 200.8	-88	-88	70	130	
2018/19-2	MO-THO	matrix spike, RPD	12/12/2018	Metal	Nickel	Total	=	4	%	EPA 200.8	-88	-88	0	30	
2018/19-2	Lab	method blank	12/11/2018	Metal	Selenium	Dissolved	<	0.14	µg/L	EPA 200.8	0.14	0.4			
2018/19-2	Lab	method blank	12/11/2018	Metal	Selenium	Dissolved	<	0.14	µg/L	EPA 200.8	0.14	0.4			
2018/19-2	Lab	LCS	12/11/2018	Metal	Selenium	Dissolved	=	52.3	µg/L	EPA 200.8	0.14	0.4			
2018/19-2	Lab	LCS, rec	12/11/2018	Metal	Selenium	Dissolved	=	105	%	EPA 200.8	-88	-88	85	115	
2018/19-2	Lab	method blank	12/12/2018	Metal	Selenium	Dissolved	<	0.14	µg/L	EPA 200.8	0.14	0.4			
2018/19-2	Lab	LCS	12/12/2018	Metal	Selenium	Dissolved	=	51.6	µg/L	EPA 200.8	0.14	0.4			
2018/19-2	Lab	LCS, rec	12/12/2018	Metal	Selenium	Dissolved	=	103	%	EPA 200.8	-88	-88	85	115	
2018/19-2	Lab	method blank	12/13/2018	Metal	Selenium	Dissolved	<	0.14	µg/L	EPA 200.8	0.14	0.4			
2018/19-2	Lab	LCS	12/13/2018	Metal	Selenium	Dissolved	=	52.9	µg/L	EPA 200.8	0.14	0.4			
2018/19-2	Lab	LCS, rec	12/13/2018	Metal	Selenium	Dissolved	=	106	%	EPA 200.8	-88	-88	85	115	
2018/19-2	000NONPJ	matrix spike	12/13/2018	Metal	Selenium	Total	=	50	µg/L	EPA 200.8	0.14	0.4			
2018/19-2	000NONPJ	matrix spike, rec	12/13/2018	Metal	Selenium	Total	=	100	%	EPA 200.8	-88	-88	70	130	
2018/19-2	000NONPJ	matrix spike dup	12/13/2018	Metal	Selenium	Total	=	50.8	µg/L	EPA 200.8	0.14	0.4			
2018/19-2	000NONPJ	matrix spike dup, rec	12/13/2018	Metal	Selenium	Total	=	101	%	EPA 200.8	-88	-88	70	130	
2018/19-2	000NONPJ	matrix spike, RPD	12/13/2018	Metal	Selenium	Total	=	2	%	EPA 200.8	-88	-88	0	30	
2018/19-2	000NONPJ	matrix spike	12/13/2018	Metal	Selenium	Total	=	50.3	µg/L	EPA 200.8	0.14	0.4			
2018/19-2	000NONPJ	matrix spike, rec	12/13/2018	Metal	Selenium	Total	=	100	%	EPA 200.8	-88	-88	70	130	
2018/19-2	000NONPJ	matrix spike dup	12/13/2018	Metal	Selenium	Total	=	50.6	µg/L	EPA 200.8	0.14	0.4			
2018/19-2	000NONPJ	matrix spike dup, rec	12/13/2018	Metal	Selenium	Total	=	101	%	EPA 200.8	-88	-88	70	130	

Appendix F
Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2018/19-2	000NONPJ	matrix spike, RPD	12/13/2018	Metal	Selenium	Total	=	0.5	%	EPA 200.8	-88	-88	0	30	
2018/19-2	Lab	method blank	12/11/2018	Metal	Selenium	Total	<	0.14	µg/L	EPA 200.8	0.14	0.4			
2018/19-2	Lab	LCS	12/11/2018	Metal	Selenium	Total	=	52.3	µg/L	EPA 200.8	0.14	0.4			
2018/19-2	Lab	LCS, rec	12/11/2018	Metal	Selenium	Total	=	105	%	EPA 200.8	-88	-88	85	115	
2018/19-2	Lab	method blank	12/12/2018	Metal	Selenium	Total	<	0.14	µg/L	EPA 200.8	0.14	0.4			
2018/19-2	Lab	LCS	12/12/2018	Metal	Selenium	Total	=	51.6	µg/L	EPA 200.8	0.14	0.4			
2018/19-2	Lab	LCS, rec	12/12/2018	Metal	Selenium	Total	=	103	%	EPA 200.8	-88	-88	85	115	
2018/19-2	Lab	method blank	12/13/2018	Metal	Selenium	Total	<	0.14	µg/L	EPA 200.8	0.14	0.4			
2018/19-2	Lab	LCS	12/13/2018	Metal	Selenium	Total	=	52.9	µg/L	EPA 200.8	0.14	0.4			
2018/19-2	Lab	LCS, rec	12/13/2018	Metal	Selenium	Total	=	106	%	EPA 200.8	-88	-88	85	115	
2018/19-2	ME-CC	matrix spike	12/12/2018	Metal	Selenium	Total	=	46.3	µg/L	EPA 200.8	0.14	0.4			
2018/19-2	ME-CC	matrix spike, rec	12/12/2018	Metal	Selenium	Total	=	90	%	EPA 200.8	-88	-88	70	130	
2018/19-2	ME-CC	matrix spike dup	12/12/2018	Metal	Selenium	Total	=	50.8	µg/L	EPA 200.8	0.14	0.4			
2018/19-2	ME-CC	matrix spike dup, rec	12/12/2018	Metal	Selenium	Total	=	99	%	EPA 200.8	-88	-88	70	130	
2018/19-2	ME-CC	matrix spike, RPD	12/12/2018	Metal	Selenium	Total	=	9	%	EPA 200.8	-88	-88	0	30	
2018/19-2	MO-HUE	matrix spike	12/11/2018	Metal	Selenium	Total	=	47.1	µg/L	EPA 200.8	0.7	2			
2018/19-2	MO-HUE	matrix spike, rec	12/11/2018	Metal	Selenium	Total	=	94	%	EPA 200.8	-88	-88	70	130	
2018/19-2	MO-HUE	matrix spike dup	12/11/2018	Metal	Selenium	Total	=	47	µg/L	EPA 200.8	0.7	2			
2018/19-2	MO-HUE	matrix spike dup, rec	12/11/2018	Metal	Selenium	Total	=	94	%	EPA 200.8	-88	-88	70	130	
2018/19-2	MO-HUE	matrix spike, RPD	12/11/2018	Metal	Selenium	Total	=	0.1	%	EPA 200.8	-88	-88	0	30	
2018/19-2	MO-OXN	matrix spike	12/11/2018	Metal	Selenium	Total	=	48.2	µg/L	EPA 200.8	0.14	0.4			
2018/19-2	MO-OXN	matrix spike, rec	12/11/2018	Metal	Selenium	Total	=	96	%	EPA 200.8	-88	-88	70	130	
2018/19-2	MO-OXN	matrix spike dup	12/11/2018	Metal	Selenium	Total	=	49.8	µg/L	EPA 200.8	0.14	0.4			
2018/19-2	MO-OXN	matrix spike dup, rec	12/11/2018	Metal	Selenium	Total	=	99	%	EPA 200.8	-88	-88	70	130	
2018/19-2	MO-OXN	matrix spike, RPD	12/11/2018	Metal	Selenium	Total	=	3	%	EPA 200.8	-88	-88	0	30	
2018/19-2	MO-THO	matrix spike	12/12/2018	Metal	Selenium	Total	=	49.6	µg/L	EPA 200.8	0.14	0.4			
2018/19-2	MO-THO	matrix spike, rec	12/12/2018	Metal	Selenium	Total	=	97	%	EPA 200.8	-88	-88	70	130	
2018/19-2	MO-THO	matrix spike dup	12/12/2018	Metal	Selenium	Total	=	49.6	µg/L	EPA 200.8	0.14	0.4			
2018/19-2	MO-THO	matrix spike dup, rec	12/12/2018	Metal	Selenium	Total	=	97	%	EPA 200.8	-88	-88	70	130	
2018/19-2	MO-THO	matrix spike, RPD	12/12/2018	Metal	Selenium	Total	=	0.02	%	EPA 200.8	-88	-88	0	30	
2018/19-2	Lab	method blank	12/11/2018	Metal	Silver	Dissolved	<	0.062	µg/L	EPA 200.8	0.062	0.2			
2018/19-2	Lab	method blank	12/11/2018	Metal	Silver	Dissolved	<	0.062	µg/L	EPA 200.8	0.062	0.2			
2018/19-2	Lab	LCS	12/11/2018	Metal	Silver	Dissolved	=	49.1	µg/L	EPA 200.8	0.062	0.2			
2018/19-2	Lab	LCS, rec	12/11/2018	Metal	Silver	Dissolved	=	98	%	EPA 200.8	-88	-88	85	115	
2018/19-2	Lab	method blank	12/12/2018	Metal	Silver	Dissolved	<	0.062	µg/L	EPA 200.8	0.062	0.2			
2018/19-2	Lab	LCS	12/12/2018	Metal	Silver	Dissolved	=	49.6	µg/L	EPA 200.8	0.062	0.2			
2018/19-2	Lab	LCS, rec	12/12/2018	Metal	Silver	Dissolved	=	99	%	EPA 200.8	-88	-88	85	115	
2018/19-2	Lab	method blank	12/13/2018	Metal	Silver	Dissolved	<	0.062	µg/L	EPA 200.8	0.062	0.2			
2018/19-2	Lab	LCS	12/13/2018	Metal	Silver	Dissolved	=	47.4	µg/L	EPA 200.8	0.062	0.2			
2018/19-2	Lab	LCS, rec	12/13/2018	Metal	Silver	Dissolved	=	95	%	EPA 200.8	-88	-88	85	115	
2018/19-2	000NONPJ	matrix spike	12/13/2018	Metal	Silver	Total	=	49.1	µg/L	EPA 200.8	0.062	0.2			
2018/19-2	000NONPJ	matrix spike, rec	12/13/2018	Metal	Silver	Total	=	98	%	EPA 200.8	-88	-88	70	130	
2018/19-2	000NONPJ	matrix spike dup	12/13/2018	Metal	Silver	Total	=	49.4	µg/L	EPA 200.8	0.062	0.2			
2018/19-2	000NONPJ	matrix spike dup, rec	12/13/2018	Metal	Silver	Total	=	99	%	EPA 200.8	-88	-88	70	130	
2018/19-2	000NONPJ	matrix spike, RPD	12/13/2018	Metal	Silver	Total	=	0.6	%	EPA 200.8	-88	-88	0	30	
2018/19-2	000NONPJ	matrix spike	12/13/2018	Metal	Silver	Total	=	48.9	µg/L	EPA 200.8	0.062	0.2			
2018/19-2	000NONPJ	matrix spike, rec	12/13/2018	Metal	Silver	Total	=	98	%	EPA 200.8	-88	-88	70	130	

Appendix F
Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2018/19-2	000NONPJ	matrix spike dup	12/13/2018	Metal	Silver	Total	=	48.3	µg/L	EPA 200.8	0.062	0.2			
2018/19-2	000NONPJ	matrix spike dup, rec	12/13/2018	Metal	Silver	Total	=	97	%	EPA 200.8	-88	-88	70	130	
2018/19-2	000NONPJ	matrix spike, RPD	12/13/2018	Metal	Silver	Total	=	1	%	EPA 200.8	-88	-88	0	30	
2018/19-2	Lab	method blank	12/11/2018	Metal	Silver	Total	<	0.062	µg/L	EPA 200.8	0.062	0.2			
2018/19-2	Lab	LCS	12/11/2018	Metal	Silver	Total	=	49.1	µg/L	EPA 200.8	0.062	0.2			
2018/19-2	Lab	LCS, rec	12/11/2018	Metal	Silver	Total	=	98	%	EPA 200.8	-88	-88	85	115	
2018/19-2	Lab	method blank	12/12/2018	Metal	Silver	Total	<	0.062	µg/L	EPA 200.8	0.062	0.2			
2018/19-2	Lab	LCS	12/12/2018	Metal	Silver	Total	=	49.6	µg/L	EPA 200.8	0.062	0.2			
2018/19-2	Lab	LCS, rec	12/12/2018	Metal	Silver	Total	=	99	%	EPA 200.8	-88	-88	85	115	
2018/19-2	Lab	method blank	12/13/2018	Metal	Silver	Total	<	0.062	µg/L	EPA 200.8	0.062	0.2			
2018/19-2	Lab	LCS	12/13/2018	Metal	Silver	Total	=	47.4	µg/L	EPA 200.8	0.062	0.2			
2018/19-2	Lab	LCS, rec	12/13/2018	Metal	Silver	Total	=	95	%	EPA 200.8	-88	-88	85	115	
2018/19-2	ME-CC	matrix spike	12/12/2018	Metal	Silver	Total	=	46.4	µg/L	EPA 200.8	0.062	0.2			
2018/19-2	ME-CC	matrix spike, rec	12/12/2018	Metal	Silver	Total	=	93	%	EPA 200.8	-88	-88	70	130	
2018/19-2	ME-CC	matrix spike dup	12/12/2018	Metal	Silver	Total	=	47.5	µg/L	EPA 200.8	0.062	0.2			
2018/19-2	ME-CC	matrix spike dup, rec	12/12/2018	Metal	Silver	Total	=	95	%	EPA 200.8	-88	-88	70	130	
2018/19-2	ME-CC	matrix spike, RPD	12/12/2018	Metal	Silver	Total	=	2	%	EPA 200.8	-88	-88	0	30	
2018/19-2	MO-HUE	matrix spike	12/11/2018	Metal	Silver	Total	=	42.8	µg/L	EPA 200.8	0.31	1			
2018/19-2	MO-HUE	matrix spike, rec	12/11/2018	Metal	Silver	Total	=	86	%	EPA 200.8	-88	-88	70	130	
2018/19-2	MO-HUE	matrix spike dup	12/11/2018	Metal	Silver	Total	=	43.2	µg/L	EPA 200.8	0.31	1			
2018/19-2	MO-HUE	matrix spike dup, rec	12/11/2018	Metal	Silver	Total	=	87	%	EPA 200.8	-88	-88	70	130	
2018/19-2	MO-HUE	matrix spike, RPD	12/11/2018	Metal	Silver	Total	=	0.9	%	EPA 200.8	-88	-88	0	30	
2018/19-2	MO-OXN	matrix spike	12/11/2018	Metal	Silver	Total	=	47.2	µg/L	EPA 200.8	0.062	0.2			
2018/19-2	MO-OXN	matrix spike, rec	12/11/2018	Metal	Silver	Total	=	94	%	EPA 200.8	-88	-88	70	130	
2018/19-2	MO-OXN	matrix spike dup	12/11/2018	Metal	Silver	Total	=	47.5	µg/L	EPA 200.8	0.062	0.2			
2018/19-2	MO-OXN	matrix spike dup, rec	12/11/2018	Metal	Silver	Total	=	95	%	EPA 200.8	-88	-88	70	130	
2018/19-2	MO-OXN	matrix spike, RPD	12/11/2018	Metal	Silver	Total	=	0.7	%	EPA 200.8	-88	-88	0	30	
2018/19-2	MO-THO	matrix spike	12/12/2018	Metal	Silver	Total	=	48.4	µg/L	EPA 200.8	0.062	0.2			
2018/19-2	MO-THO	matrix spike, rec	12/12/2018	Metal	Silver	Total	=	97	%	EPA 200.8	-88	-88	70	130	
2018/19-2	MO-THO	matrix spike dup	12/12/2018	Metal	Silver	Total	=	46.3	µg/L	EPA 200.8	0.062	0.2			
2018/19-2	MO-THO	matrix spike dup, rec	12/12/2018	Metal	Silver	Total	=	93	%	EPA 200.8	-88	-88	70	130	
2018/19-2	MO-THO	matrix spike, RPD	12/12/2018	Metal	Silver	Total	=	4	%	EPA 200.8	-88	-88	0	30	
2018/19-2	Lab	method blank	12/11/2018	Metal	Thallium	Dissolved	<	0.014	µg/L	EPA 200.8	0.014	0.2			
2018/19-2	Lab	method blank	12/11/2018	Metal	Thallium	Dissolved	<	0.014	µg/L	EPA 200.8	0.014	0.2			
2018/19-2	Lab	LCS	12/11/2018	Metal	Thallium	Dissolved	=	51.3	µg/L	EPA 200.8	0.014	0.2			
2018/19-2	Lab	LCS, rec	12/11/2018	Metal	Thallium	Dissolved	=	103	%	EPA 200.8	-88	-88	85	115	
2018/19-2	Lab	method blank	12/12/2018	Metal	Thallium	Dissolved	<	0.014	µg/L	EPA 200.8	0.014	0.2			
2018/19-2	Lab	LCS	12/12/2018	Metal	Thallium	Dissolved	=	51	µg/L	EPA 200.8	0.014	0.2			
2018/19-2	Lab	LCS, rec	12/12/2018	Metal	Thallium	Dissolved	=	102	%	EPA 200.8	-88	-88	85	115	
2018/19-2	Lab	method blank	12/13/2018	Metal	Thallium	Dissolved	<	0.014	µg/L	EPA 200.8	0.014	0.2			
2018/19-2	Lab	LCS	12/13/2018	Metal	Thallium	Dissolved	=	50.2	µg/L	EPA 200.8	0.014	0.2			
2018/19-2	Lab	LCS, rec	12/13/2018	Metal	Thallium	Dissolved	=	101	%	EPA 200.8	-88	-88	85	115	
2018/19-2	000NONPJ	matrix spike	12/13/2018	Metal	Thallium	Total	=	52.1	µg/L	EPA 200.8	0.014	0.2			
2018/19-2	000NONPJ	matrix spike, rec	12/13/2018	Metal	Thallium	Total	=	104	%	EPA 200.8	-88	-88	70	130	
2018/19-2	000NONPJ	matrix spike dup	12/13/2018	Metal	Thallium	Total	=	51.9	µg/L	EPA 200.8	0.014	0.2			
2018/19-2	000NONPJ	matrix spike dup, rec	12/13/2018	Metal	Thallium	Total	=	104	%	EPA 200.8	-88	-88	70	130	
2018/19-2	000NONPJ	matrix spike, RPD	12/13/2018	Metal	Thallium	Total	=	0.3	%	EPA 200.8	-88	-88	0	30	

Appendix F
Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2018/19-2	000NONPJ	matrix spike	12/13/2018	Metal	Thallium	Total	=	52.9	µg/L	EPA 200.8	0.014	0.2			
2018/19-2	000NONPJ	matrix spike, rec	12/13/2018	Metal	Thallium	Total	=	106	%	EPA 200.8	-88	-88	70	130	
2018/19-2	000NONPJ	matrix spike dup	12/13/2018	Metal	Thallium	Total	=	51.8	µg/L	EPA 200.8	0.014	0.2			
2018/19-2	000NONPJ	matrix spike dup, rec	12/13/2018	Metal	Thallium	Total	=	104	%	EPA 200.8	-88	-88	70	130	
2018/19-2	000NONPJ	matrix spike, RPD	12/13/2018	Metal	Thallium	Total	=	2	%	EPA 200.8	-88	-88	0	30	
2018/19-2	Lab	method blank	12/11/2018	Metal	Thallium	Total	<	0.014	µg/L	EPA 200.8	0.014	0.2			
2018/19-2	Lab	LCS	12/11/2018	Metal	Thallium	Total	=	51.3	µg/L	EPA 200.8	0.014	0.2			
2018/19-2	Lab	LCS, rec	12/11/2018	Metal	Thallium	Total	=	103	%	EPA 200.8	-88	-88	85	115	
2018/19-2	Lab	method blank	12/12/2018	Metal	Thallium	Total	<	0.014	µg/L	EPA 200.8	0.014	0.2			
2018/19-2	Lab	LCS	12/12/2018	Metal	Thallium	Total	=	51	µg/L	EPA 200.8	0.014	0.2			
2018/19-2	Lab	LCS, rec	12/12/2018	Metal	Thallium	Total	=	102	%	EPA 200.8	-88	-88	85	115	
2018/19-2	Lab	method blank	12/13/2018	Metal	Thallium	Total	<	0.014	µg/L	EPA 200.8	0.014	0.2			
2018/19-2	Lab	LCS	12/13/2018	Metal	Thallium	Total	=	50.2	µg/L	EPA 200.8	0.014	0.2			
2018/19-2	Lab	LCS, rec	12/13/2018	Metal	Thallium	Total	=	101	%	EPA 200.8	-88	-88	85	115	
2018/19-2	ME-CC	matrix spike	12/12/2018	Metal	Thallium	Total	=	51.9	µg/L	EPA 200.8	0.014	0.2			
2018/19-2	ME-CC	matrix spike, rec	12/12/2018	Metal	Thallium	Total	=	104	%	EPA 200.8	-88	-88	70	130	
2018/19-2	ME-CC	matrix spike dup	12/12/2018	Metal	Thallium	Total	=	52.1	µg/L	EPA 200.8	0.014	0.2			
2018/19-2	ME-CC	matrix spike dup, rec	12/12/2018	Metal	Thallium	Total	=	104	%	EPA 200.8	-88	-88	70	130	
2018/19-2	ME-CC	matrix spike, RPD	12/12/2018	Metal	Thallium	Total	=	0.4	%	EPA 200.8	-88	-88	0	30	
2018/19-2	MO-HUE	matrix spike	12/11/2018	Metal	Thallium	Total	=	48.4	µg/L	EPA 200.8	0.07	1			
2018/19-2	MO-HUE	matrix spike, rec	12/11/2018	Metal	Thallium	Total	=	97	%	EPA 200.8	-88	-88	70	130	
2018/19-2	MO-HUE	matrix spike dup	12/11/2018	Metal	Thallium	Total	=	49	µg/L	EPA 200.8	0.07	1			
2018/19-2	MO-HUE	matrix spike dup, rec	12/11/2018	Metal	Thallium	Total	=	98	%	EPA 200.8	-88	-88	70	130	
2018/19-2	MO-HUE	matrix spike, RPD	12/11/2018	Metal	Thallium	Total	=	1	%	EPA 200.8	-88	-88	0	30	
2018/19-2	MO-OXN	matrix spike	12/11/2018	Metal	Thallium	Total	=	50.2	µg/L	EPA 200.8	0.014	0.2			
2018/19-2	MO-OXN	matrix spike, rec	12/11/2018	Metal	Thallium	Total	=	100	%	EPA 200.8	-88	-88	70	130	
2018/19-2	MO-OXN	matrix spike dup	12/11/2018	Metal	Thallium	Total	=	50.2	µg/L	EPA 200.8	0.014	0.2			
2018/19-2	MO-OXN	matrix spike dup, rec	12/11/2018	Metal	Thallium	Total	=	100	%	EPA 200.8	-88	-88	70	130	
2018/19-2	MO-OXN	matrix spike, RPD	12/11/2018	Metal	Thallium	Total	=	0.06	%	EPA 200.8	-88	-88	0	30	
2018/19-2	MO-THO	matrix spike	12/12/2018	Metal	Thallium	Total	=	53.9	µg/L	EPA 200.8	0.014	0.2			
2018/19-2	MO-THO	matrix spike, rec	12/12/2018	Metal	Thallium	Total	=	108	%	EPA 200.8	-88	-88	70	130	
2018/19-2	MO-THO	matrix spike dup	12/12/2018	Metal	Thallium	Total	=	51.5	µg/L	EPA 200.8	0.014	0.2			
2018/19-2	MO-THO	matrix spike dup, rec	12/12/2018	Metal	Thallium	Total	=	103	%	EPA 200.8	-88	-88	70	130	
2018/19-2	MO-THO	matrix spike, RPD	12/12/2018	Metal	Thallium	Total	=	4	%	EPA 200.8	-88	-88	0	30	
2018/19-2	Lab	method blank	12/11/2018	Metal	Zinc	Dissolved	<	0.94	µg/L	EPA 200.8	0.94	5			
2018/19-2	Lab	method blank	12/11/2018	Metal	Zinc	Dissolved	<	0.94	µg/L	EPA 200.8	0.94	5			
2018/19-2	Lab	LCS	12/11/2018	Metal	Zinc	Dissolved	=	57	µg/L	EPA 200.8	0.94	5			
2018/19-2	Lab	LCS, rec	12/11/2018	Metal	Zinc	Dissolved	=	114	%	EPA 200.8	-88	-88	85	115	
2018/19-2	Lab	method blank	12/12/2018	Metal	Zinc	Dissolved	DNQ	1.49	µg/L	EPA 200.8	0.94	5			IP
2018/19-2	Lab	LCS	12/12/2018	Metal	Zinc	Dissolved	=	52.5	µg/L	EPA 200.8	0.94	5			
2018/19-2	Lab	LCS, rec	12/12/2018	Metal	Zinc	Dissolved	=	105	%	EPA 200.8	-88	-88	85	115	
2018/19-2	Lab	method blank	12/13/2018	Metal	Zinc	Dissolved	<	0.94	µg/L	EPA 200.8	0.94	5			
2018/19-2	Lab	LCS	12/13/2018	Metal	Zinc	Dissolved	=	57	µg/L	EPA 200.8	0.94	5			
2018/19-2	Lab	LCS, rec	12/13/2018	Metal	Zinc	Dissolved	=	114	%	EPA 200.8	-88	-88	85	115	
2018/19-2	000NONPJ	matrix spike	12/13/2018	Metal	Zinc	Total	=	100	µg/L	EPA 200.8	0.94	5			
2018/19-2	000NONPJ	matrix spike, rec	12/13/2018	Metal	Zinc	Total	=	111	%	EPA 200.8	-88	-88	70	130	
2018/19-2	000NONPJ	matrix spike dup	12/13/2018	Metal	Zinc	Total	=	102	µg/L	EPA 200.8	0.94	5			

Appendix F
Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2018/19-2	000NONPJ	matrix spike dup, rec	12/13/2018	Metal	Zinc	Total	=	114	%	EPA 200.8	-88	-88	70	130	
2018/19-2	000NONPJ	matrix spike, RPD	12/13/2018	Metal	Zinc	Total	=	1	%	EPA 200.8	-88	-88	0	30	
2018/19-2	000NONPJ	matrix spike	12/13/2018	Metal	Zinc	Total	=	81	µg/L	EPA 200.8	0.94	5			
2018/19-2	000NONPJ	matrix spike, rec	12/13/2018	Metal	Zinc	Total	=	112	%	EPA 200.8	-88	-88	70	130	
2018/19-2	000NONPJ	matrix spike dup	12/13/2018	Metal	Zinc	Total	=	79.4	µg/L	EPA 200.8	0.94	5			
2018/19-2	000NONPJ	matrix spike dup, rec	12/13/2018	Metal	Zinc	Total	=	109	%	EPA 200.8	-88	-88	70	130	
2018/19-2	000NONPJ	matrix spike, RPD	12/13/2018	Metal	Zinc	Total	=	2	%	EPA 200.8	-88	-88	0	30	
2018/19-2	Lab	method blank	12/11/2018	Metal	Zinc	Total	<	0.94	µg/L	EPA 200.8	0.94	5			
2018/19-2	Lab	LCS	12/11/2018	Metal	Zinc	Total	=	57	µg/L	EPA 200.8	0.94	5			
2018/19-2	Lab	LCS, rec	12/11/2018	Metal	Zinc	Total	=	114	%	EPA 200.8	-88	-88	85	115	
2018/19-2	Lab	method blank	12/12/2018	Metal	Zinc	Total	DNQ	1.15	µg/L	EPA 200.8	0.94	5			IP
2018/19-2	Lab	LCS	12/12/2018	Metal	Zinc	Total	=	52.5	µg/L	EPA 200.8	0.94	5			
2018/19-2	Lab	LCS, rec	12/12/2018	Metal	Zinc	Total	=	105	%	EPA 200.8	-88	-88	85	115	
2018/19-2	Lab	method blank	12/13/2018	Metal	Zinc	Total	<	0.94	µg/L	EPA 200.8	0.94	5			
2018/19-2	Lab	LCS	12/13/2018	Metal	Zinc	Total	=	57	µg/L	EPA 200.8	0.94	5			
2018/19-2	Lab	LCS, rec	12/13/2018	Metal	Zinc	Total	=	114	%	EPA 200.8	-88	-88	85	115	
2018/19-2	ME-CC	matrix spike	12/12/2018	Metal	Zinc	Total	=	116	µg/L	EPA 200.8	0.94	5			
2018/19-2	ME-CC	matrix spike, rec	12/12/2018	Metal	Zinc	Total	=	103	%	EPA 200.8	-88	-88	70	130	
2018/19-2	ME-CC	matrix spike dup	12/12/2018	Metal	Zinc	Total	=	115	µg/L	EPA 200.8	0.94	5			
2018/19-2	ME-CC	matrix spike dup, rec	12/12/2018	Metal	Zinc	Total	=	102	%	EPA 200.8	-88	-88	70	130	
2018/19-2	ME-CC	matrix spike, RPD	12/12/2018	Metal	Zinc	Total	=	0.7	%	EPA 200.8	-88	-88	0	30	
2018/19-2	MO-HUE	matrix spike	12/11/2018	Metal	Zinc	Total	=	59	µg/L	EPA 200.8	4.7	25			
2018/19-2	MO-HUE	matrix spike, rec	12/11/2018	Metal	Zinc	Total	=	97	%	EPA 200.8	-88	-88	70	130	
2018/19-2	MO-HUE	matrix spike dup	12/11/2018	Metal	Zinc	Total	=	59.2	µg/L	EPA 200.8	4.7	25			
2018/19-2	MO-HUE	matrix spike dup, rec	12/11/2018	Metal	Zinc	Total	=	98	%	EPA 200.8	-88	-88	70	130	
2018/19-2	MO-HUE	matrix spike, RPD	12/11/2018	Metal	Zinc	Total	=	0.3	%	EPA 200.8	-88	-88	0	30	
2018/19-2	MO-OXN	matrix spike	12/11/2018	Metal	Zinc	Total	=	233	µg/L	EPA 200.8	0.94	5			
2018/19-2	MO-OXN	matrix spike, rec	12/11/2018	Metal	Zinc	Total	=	105	%	EPA 200.8	-88	-88	70	130	
2018/19-2	MO-OXN	matrix spike dup	12/11/2018	Metal	Zinc	Total	=	240	µg/L	EPA 200.8	0.94	5			
2018/19-2	MO-OXN	matrix spike dup, rec	12/11/2018	Metal	Zinc	Total	=	119	%	EPA 200.8	-88	-88	70	130	
2018/19-2	MO-OXN	matrix spike, RPD	12/11/2018	Metal	Zinc	Total	=	3	%	EPA 200.8	-88	-88	0	30	
2018/19-2	MO-THO	matrix spike	12/12/2018	Metal	Zinc	Total	=	96.2	µg/L	EPA 200.8	0.94	5			
2018/19-2	MO-THO	matrix spike, rec	12/12/2018	Metal	Zinc	Total	=	89	%	EPA 200.8	-88	-88	70	130	
2018/19-2	MO-THO	matrix spike dup	12/12/2018	Metal	Zinc	Total	=	98.4	µg/L	EPA 200.8	0.94	5			
2018/19-2	MO-THO	matrix spike dup, rec	12/12/2018	Metal	Zinc	Total	=	93	%	EPA 200.8	-88	-88	70	130	
2018/19-2	MO-THO	matrix spike, RPD	12/12/2018	Metal	Zinc	Total	=	2	%	EPA 200.8	-88	-88	0	30	
2018/19-2	000NONPJ	matrix spike	12/6/2018	Nutrient	Ammonia as N	n/a	=	0.264	mg/L	EPA 350.1	0.048	0.1			
2018/19-2	000NONPJ	matrix spike	12/6/2018	Nutrient	Ammonia as N	n/a	=	0.397	mg/L	EPA 350.1	0.048	0.1			
2018/19-2	000NONPJ	matrix spike	12/6/2018	Nutrient	Ammonia as N	n/a	=	0.26	mg/L	EPA 350.1	0.048	0.1			
2018/19-2	000NONPJ	matrix spike	12/6/2018	Nutrient	Ammonia as N	n/a	=	0.255	mg/L	EPA 350.1	0.048	0.1			GB
2018/19-2	000NONPJ	matrix spike dup	12/6/2018	Nutrient	Ammonia as N	n/a	=	0.263	mg/L	EPA 350.1	0.048	0.1			
2018/19-2	000NONPJ	matrix spike dup	12/6/2018	Nutrient	Ammonia as N	n/a	=	0.269	mg/L	EPA 350.1	0.048	0.1			
2018/19-2	000NONPJ	matrix spike dup	12/6/2018	Nutrient	Ammonia as N	n/a	=	0.257	mg/L	EPA 350.1	0.048	0.1			GB
2018/19-2	000NONPJ	matrix spike dup	12/6/2018	Nutrient	Ammonia as N	n/a	=	0.39	mg/L	EPA 350.1	0.048	0.1			GB
2018/19-2	000NONPJ	matrix spike dup, rec	12/6/2018	Nutrient	Ammonia as N	n/a	=	79	%	EPA 350.1	-88	-88	90	110	GB
2018/19-2	000NONPJ	matrix spike dup, rec	12/6/2018	Nutrient	Ammonia as N	n/a	=	108	%	EPA 350.1	-88	-88	90	110	GB
2018/19-2	000NONPJ	matrix spike dup, rec	12/6/2018	Nutrient	Ammonia as N	n/a	=	88	%	EPA 350.1	-88	-88	90	110	GB

Appendix F
Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2018/19-2	000NONPJ	matrix spike dup, rec	12/6/2018	Nutrient	Ammonia as N	n/a	=	105	%	EPA 350.1	-88	-88	90	110	
2018/19-2	000NONPJ	matrix spike, rec	12/6/2018	Nutrient	Ammonia as N	n/a	=	106	%	EPA 350.1	-88	-88	90	110	
2018/19-2	000NONPJ	matrix spike, rec	12/6/2018	Nutrient	Ammonia as N	n/a	=	91	%	EPA 350.1	-88	-88	90	110	
2018/19-2	000NONPJ	matrix spike, rec	12/6/2018	Nutrient	Ammonia as N	n/a	=	78	%	EPA 350.1	-88	-88	90	110	GB
2018/19-2	000NONPJ	matrix spike, rec	12/6/2018	Nutrient	Ammonia as N	n/a	=	104	%	EPA 350.1	-88	-88	90	110	
2018/19-2	000NONPJ	matrix spike, RPD	12/6/2018	Nutrient	Ammonia as N	n/a	=	1	%	EPA 350.1	-88	-88	0	15	
2018/19-2	000NONPJ	matrix spike, RPD	12/6/2018	Nutrient	Ammonia as N	n/a	=	2	%	EPA 350.1	-88	-88	0	15	
2018/19-2	000NONPJ	matrix spike, RPD	12/6/2018	Nutrient	Ammonia as N	n/a	=	1	%	EPA 350.1	-88	-88	0	15	
2018/19-2	000NONPJ	matrix spike, RPD	12/6/2018	Nutrient	Ammonia as N	n/a	=	2	%	EPA 350.1	-88	-88	0	15	
2018/19-2	000NONPJ	matrix spike	12/11/2018	Nutrient	Ammonia as N	n/a	=	0.272	mg/L	EPA 350.1	0.048	0.1			
2018/19-2	000NONPJ	matrix spike dup	12/11/2018	Nutrient	Ammonia as N	n/a	=	0.275	mg/L	EPA 350.1	0.048	0.1			
2018/19-2	000NONPJ	matrix spike dup, rec	12/11/2018	Nutrient	Ammonia as N	n/a	=	110	%	EPA 350.1	-88	-88	90	110	
2018/19-2	000NONPJ	matrix spike, rec	12/11/2018	Nutrient	Ammonia as N	n/a	=	109	%	EPA 350.1	-88	-88	90	110	
2018/19-2	000NONPJ	matrix spike, RPD	12/11/2018	Nutrient	Ammonia as N	n/a	=	0.9	%	EPA 350.1	-88	-88	0	15	
2018/19-2	Lab	LCS	12/6/2018	Nutrient	Ammonia as N	n/a	=	0.252	mg/L	EPA 350.1	0.048	0.1			
2018/19-2	Lab	LCS	12/6/2018	Nutrient	Ammonia as N	n/a	=	0.251	mg/L	EPA 350.1	0.048	0.1			
2018/19-2	Lab	LCS	12/6/2018	Nutrient	Ammonia as N	n/a	=	0.256	mg/L	EPA 350.1	0.048	0.1			
2018/19-2	Lab	LCS	12/6/2018	Nutrient	Ammonia as N	n/a	=	0.252	mg/L	EPA 350.1	0.048	0.1			
2018/19-2	Lab	LCS, rec	12/6/2018	Nutrient	Ammonia as N	n/a	=	100	%	EPA 350.1	-88	-88	90	110	
2018/19-2	Lab	LCS, rec	12/6/2018	Nutrient	Ammonia as N	n/a	=	101	%	EPA 350.1	-88	-88	90	110	
2018/19-2	Lab	LCS, rec	12/6/2018	Nutrient	Ammonia as N	n/a	=	101	%	EPA 350.1	-88	-88	90	110	
2018/19-2	Lab	LCS, rec	12/6/2018	Nutrient	Ammonia as N	n/a	=	102	%	EPA 350.1	-88	-88	90	110	
2018/19-2	Lab	method blank	12/6/2018	Nutrient	Ammonia as N	n/a	<	0.048	mg/L	EPA 350.1	0.048	0.1			
2018/19-2	Lab	method blank	12/6/2018	Nutrient	Ammonia as N	n/a	<	0.048	mg/L	EPA 350.1	0.048	0.1			
2018/19-2	Lab	method blank	12/6/2018	Nutrient	Ammonia as N	n/a	<	0.048	mg/L	EPA 350.1	0.048	0.1			
2018/19-2	Lab	method blank	12/6/2018	Nutrient	Ammonia as N	n/a	<	0.048	mg/L	EPA 350.1	0.048	0.1			
2018/19-2	Lab	LCS	12/11/2018	Nutrient	Ammonia as N	n/a	=	0.26	mg/L	EPA 350.1	0.048	0.1			
2018/19-2	Lab	LCS	12/11/2018	Nutrient	Ammonia as N	n/a	=	0.263	mg/L	EPA 350.1	0.048	0.1			
2018/19-2	Lab	LCS, rec	12/11/2018	Nutrient	Ammonia as N	n/a	=	104	%	EPA 350.1	-88	-88	90	110	
2018/19-2	Lab	LCS, rec	12/11/2018	Nutrient	Ammonia as N	n/a	=	105	%	EPA 350.1	-88	-88	90	110	
2018/19-2	Lab	method blank	12/11/2018	Nutrient	Ammonia as N	n/a	<	0.048	mg/L	EPA 350.1	0.048	0.1			
2018/19-2	Lab	method blank	12/11/2018	Nutrient	Ammonia as N	n/a	<	0.048	mg/L	EPA 350.1	0.048	0.1			
2018/19-2	ME-VR2	matrix spike	12/11/2018	Nutrient	Ammonia as N	n/a	=	0.24	mg/L	EPA 350.1	0.048	0.1			
2018/19-2	ME-VR2	matrix spike dup	12/11/2018	Nutrient	Ammonia as N	n/a	=	0.24	mg/L	EPA 350.1	0.048	0.1			
2018/19-2	ME-VR2	matrix spike dup, rec	12/11/2018	Nutrient	Ammonia as N	n/a	=	96	%	EPA 350.1	-88	-88	90	110	
2018/19-2	ME-VR2	matrix spike, rec	12/11/2018	Nutrient	Ammonia as N	n/a	=	96	%	EPA 350.1	-88	-88	90	110	
2018/19-2	ME-VR2	matrix spike, RPD	12/11/2018	Nutrient	Ammonia as N	n/a	=	0.1	%	EPA 350.1	-88	-88	0	15	
2018/19-2	000NONPJ	matrix spike	12/1/2018	Nutrient	Nitrate + Nitrite as N	n/a	=	7.94	mg/L	EPA 353.2	0.083	0.2			
2018/19-2	000NONPJ	matrix spike, rec	12/1/2018	Nutrient	Nitrate + Nitrite as N	n/a	=	94	%	EPA 353.2	-88	-88	90	110	
2018/19-2	000NONPJ	matrix spike dup	12/1/2018	Nutrient	Nitrate + Nitrite as N	n/a	=	7.95	mg/L	EPA 353.2	0.083	0.2			
2018/19-2	000NONPJ	matrix spike dup, rec	12/1/2018	Nutrient	Nitrate + Nitrite as N	n/a	=	95	%	EPA 353.2	-88	-88	90	110	
2018/19-2	000NONPJ	matrix spike, RPD	12/1/2018	Nutrient	Nitrate + Nitrite as N	n/a	=	0.1	%	EPA 353.2	-88	-88	0	20	
2018/19-2	000NONPJ	matrix spike	12/1/2018	Nutrient	Nitrate + Nitrite as N	n/a	=	9.27	mg/L	EPA 353.2	0.083	0.2			
2018/19-2	000NONPJ	matrix spike, rec	12/1/2018	Nutrient	Nitrate + Nitrite as N	n/a	=	96	%	EPA 353.2	-88	-88	90	110	
2018/19-2	000NONPJ	matrix spike dup	12/1/2018	Nutrient	Nitrate + Nitrite as N	n/a	=	9.33	mg/L	EPA 353.2	0.083	0.2			
2018/19-2	000NONPJ	matrix spike dup, rec	12/1/2018	Nutrient	Nitrate + Nitrite as N	n/a	=	98	%	EPA 353.2	-88	-88	90	110	
2018/19-2	000NONPJ	matrix spike, RPD	12/1/2018	Nutrient	Nitrate + Nitrite as N	n/a	=	0.6	%	EPA 353.2	-88	-88	0	20	

Appendix F
Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2018/19-2	000NONPJ	matrix spike	12/20/2018	Nutrient	Nitrate + Nitrite as N	n/a	=	2.01	mg/L	EPA 353.2	0.083	0.2			
2018/19-2	000NONPJ	matrix spike, rec	12/20/2018	Nutrient	Nitrate + Nitrite as N	n/a	=	100	%	EPA 353.2	-88	-88	90	110	
2018/19-2	000NONPJ	matrix spike dup	12/20/2018	Nutrient	Nitrate + Nitrite as N	n/a	=	2.01	mg/L	EPA 353.2	0.083	0.2			
2018/19-2	000NONPJ	matrix spike dup, rec	12/20/2018	Nutrient	Nitrate + Nitrite as N	n/a	=	100	%	EPA 353.2	-88	-88	90	110	
2018/19-2	000NONPJ	matrix spike, RPD	12/20/2018	Nutrient	Nitrate + Nitrite as N	n/a	=	0	%	EPA 353.2	-88	-88	0	20	
2018/19-2	000NONPJ	matrix spike	12/20/2018	Nutrient	Nitrate + Nitrite as N	n/a	=	2.23	mg/L	EPA 353.2	0.083	0.2			
2018/19-2	000NONPJ	matrix spike, rec	12/20/2018	Nutrient	Nitrate + Nitrite as N	n/a	=	96	%	EPA 353.2	-88	-88	90	110	
2018/19-2	000NONPJ	matrix spike dup	12/20/2018	Nutrient	Nitrate + Nitrite as N	n/a	=	2.24	mg/L	EPA 353.2	0.083	0.2			
2018/19-2	000NONPJ	matrix spike dup, rec	12/20/2018	Nutrient	Nitrate + Nitrite as N	n/a	=	96	%	EPA 353.2	-88	-88	90	110	
2018/19-2	000NONPJ	matrix spike, RPD	12/20/2018	Nutrient	Nitrate + Nitrite as N	n/a	=	0.4	%	EPA 353.2	-88	-88	0	20	
2018/19-2	000NONPJ	matrix spike	12/21/2018	Nutrient	Nitrate + Nitrite as N	n/a	=	2.44	mg/L	EPA 353.2	0.083	0.2			
2018/19-2	000NONPJ	matrix spike, rec	12/21/2018	Nutrient	Nitrate + Nitrite as N	n/a	=	96	%	EPA 353.2	-88	-88	90	110	
2018/19-2	000NONPJ	matrix spike dup	12/21/2018	Nutrient	Nitrate + Nitrite as N	n/a	=	2.44	mg/L	EPA 353.2	0.083	0.2			
2018/19-2	000NONPJ	matrix spike dup, rec	12/21/2018	Nutrient	Nitrate + Nitrite as N	n/a	=	96	%	EPA 353.2	-88	-88	90	110	
2018/19-2	000NONPJ	matrix spike, RPD	12/21/2018	Nutrient	Nitrate + Nitrite as N	n/a	=	0	%	EPA 353.2	-88	-88	0	20	
2018/19-2	000NONPJ	matrix spike	12/21/2018	Nutrient	Nitrate + Nitrite as N	n/a	=	1.99	mg/L	EPA 353.2	0.083	0.2			
2018/19-2	000NONPJ	matrix spike, rec	12/21/2018	Nutrient	Nitrate + Nitrite as N	n/a	=	100	%	EPA 353.2	-88	-88	90	110	
2018/19-2	000NONPJ	matrix spike dup	12/21/2018	Nutrient	Nitrate + Nitrite as N	n/a	=	1.97	mg/L	EPA 353.2	0.083	0.2			
2018/19-2	000NONPJ	matrix spike dup, rec	12/21/2018	Nutrient	Nitrate + Nitrite as N	n/a	=	98	%	EPA 353.2	-88	-88	90	110	
2018/19-2	000NONPJ	matrix spike, RPD	12/21/2018	Nutrient	Nitrate + Nitrite as N	n/a	=	1	%	EPA 353.2	-88	-88	0	20	
2018/19-2	000NONPJ	matrix spike	12/21/2018	Nutrient	Nitrate + Nitrite as N	n/a	=	2.22	mg/L	EPA 353.2	0.083	0.2			
2018/19-2	000NONPJ	matrix spike, rec	12/21/2018	Nutrient	Nitrate + Nitrite as N	n/a	=	96	%	EPA 353.2	-88	-88	90	110	
2018/19-2	000NONPJ	matrix spike dup	12/21/2018	Nutrient	Nitrate + Nitrite as N	n/a	=	2.21	mg/L	EPA 353.2	0.083	0.2			
2018/19-2	000NONPJ	matrix spike dup, rec	12/21/2018	Nutrient	Nitrate + Nitrite as N	n/a	=	96	%	EPA 353.2	-88	-88	90	110	
2018/19-2	000NONPJ	matrix spike, RPD	12/21/2018	Nutrient	Nitrate + Nitrite as N	n/a	=	0.5	%	EPA 353.2	-88	-88	0	20	
2018/19-2	000NONPJ	matrix spike	12/21/2018	Nutrient	Nitrate + Nitrite as N	n/a	=	6.44	mg/L	EPA 353.2	0.083	0.2			
2018/19-2	000NONPJ	matrix spike, rec	12/21/2018	Nutrient	Nitrate + Nitrite as N	n/a	=	97	%	EPA 353.2	-88	-88	90	110	
2018/19-2	000NONPJ	matrix spike dup	12/21/2018	Nutrient	Nitrate + Nitrite as N	n/a	=	6.46	mg/L	EPA 353.2	0.083	0.2			
2018/19-2	000NONPJ	matrix spike dup, rec	12/21/2018	Nutrient	Nitrate + Nitrite as N	n/a	=	98	%	EPA 353.2	-88	-88	90	110	
2018/19-2	000NONPJ	matrix spike, RPD	12/21/2018	Nutrient	Nitrate + Nitrite as N	n/a	=	0.3	%	EPA 353.2	-88	-88	0	20	
2018/19-2	Lab	method blank	12/1/2018	Nutrient	Nitrate + Nitrite as N	n/a	<	0.083	mg/L	EPA 353.2	0.083	0.2			
2018/19-2	Lab	LCS	12/1/2018	Nutrient	Nitrate + Nitrite as N	n/a	=	0.968	mg/L	EPA 353.2	0.083	0.2			
2018/19-2	Lab	LCS, rec	12/1/2018	Nutrient	Nitrate + Nitrite as N	n/a	=	97	%	EPA 353.2	-88	-88	90	110	
2018/19-2	Lab	method blank	12/20/2018	Nutrient	Nitrate + Nitrite as N	n/a	<	0.083	mg/L	EPA 353.2	0.083	0.2			
2018/19-2	Lab	LCS	12/20/2018	Nutrient	Nitrate + Nitrite as N	n/a	=	0.98	mg/L	EPA 353.2	0.083	0.2			
2018/19-2	Lab	LCS, rec	12/20/2018	Nutrient	Nitrate + Nitrite as N	n/a	=	98	%	EPA 353.2	-88	-88	90	110	
2018/19-2	Lab	method blank	12/21/2018	Nutrient	Nitrate + Nitrite as N	n/a	<	0.083	mg/L	EPA 353.2	0.083	0.2			
2018/19-2	Lab	LCS	12/21/2018	Nutrient	Nitrate + Nitrite as N	n/a	=	0.966	mg/L	EPA 353.2	0.083	0.2			
2018/19-2	Lab	LCS, rec	12/21/2018	Nutrient	Nitrate + Nitrite as N	n/a	=	97	%	EPA 353.2	-88	-88	90	110	
2018/19-2	Lab	method blank	12/21/2018	Nutrient	Nitrate + Nitrite as N	n/a	<	0.083	mg/L	EPA 353.2	0.083	0.2			
2018/19-2	Lab	LCS	12/21/2018	Nutrient	Nitrate + Nitrite as N	n/a	=	0.973	mg/L	EPA 353.2	0.083	0.2			
2018/19-2	Lab	LCS, rec	12/21/2018	Nutrient	Nitrate + Nitrite as N	n/a	=	97	%	EPA 353.2	-88	-88	90	110	
2018/19-2	000NONPJ	matrix spike	12/1/2018	Nutrient	Nitrate as N	n/a	=	7.94	mg/L	EPA 353.2	0.083	0.2			
2018/19-2	000NONPJ	matrix spike, rec	12/1/2018	Nutrient	Nitrate as N	n/a	=	94	%	EPA 353.2	-88	-88	90	110	
2018/19-2	000NONPJ	matrix spike dup	12/1/2018	Nutrient	Nitrate as N	n/a	=	7.95	mg/L	EPA 353.2	0.083	0.2			
2018/19-2	000NONPJ	matrix spike dup, rec	12/1/2018	Nutrient	Nitrate as N	n/a	=	95	%	EPA 353.2	-88	-88	90	110	
2018/19-2	000NONPJ	matrix spike, RPD	12/1/2018	Nutrient	Nitrate as N	n/a	=	0.1	%	EPA 353.2	-88	-88	0	20	

Appendix F
Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2018/19-2	000NONPJ	matrix spike	12/1/2018	Nutrient	Nitrate as N	n/a	=	9.27	mg/L	EPA 353.2	0.083	0.2			
2018/19-2	000NONPJ	matrix spike, rec	12/1/2018	Nutrient	Nitrate as N	n/a	=	96	%	EPA 353.2	-88	-88	90	110	
2018/19-2	000NONPJ	matrix spike dup	12/1/2018	Nutrient	Nitrate as N	n/a	=	9.33	mg/L	EPA 353.2	0.083	0.2			
2018/19-2	000NONPJ	matrix spike dup, rec	12/1/2018	Nutrient	Nitrate as N	n/a	=	98	%	EPA 353.2	-88	-88	90	110	
2018/19-2	000NONPJ	matrix spike, RPD	12/1/2018	Nutrient	Nitrate as N	n/a	=	0.6	%	EPA 353.2	-88	-88	0	20	
2018/19-2	Lab	method blank	12/1/2018	Nutrient	Nitrate as N	n/a	<	0.083	mg/L	EPA 353.2	0.083	0.2			
2018/19-2	Lab	LCS	12/1/2018	Nutrient	Nitrate as N	n/a	=	0.968	mg/L	EPA 353.2	0.083	0.2			
2018/19-2	Lab	LCS, rec	12/1/2018	Nutrient	Nitrate as N	n/a	=	97	%	EPA 353.2	-88	-88	90	110	
2018/19-2	Lab	method blank	1/16/2019	Nutrient	Phosphorus as P	Dissolved	<	0.012	mg/L	EPA 200.7	0.012	0.02			
2018/19-2	Lab	LCS	1/16/2019	Nutrient	Phosphorus as P	Dissolved	=	1.03	mg/L	EPA 200.7	0.012	0.02			
2018/19-2	Lab	LCS, rec	1/16/2019	Nutrient	Phosphorus as P	Dissolved	=	103	%	EPA 200.7	-88	-88	85	115	
2018/19-2	Lab	method blank	1/16/2019	Nutrient	Phosphorus as P	Dissolved	<	0.012	mg/L	EPA 200.7	0.012	0.02			
2018/19-2	Lab	method blank	1/17/2019	Nutrient	Phosphorus as P	Dissolved	<	0.012	mg/L	EPA 200.7	0.012	0.02			
2018/19-2	Lab	LCS	1/17/2019	Nutrient	Phosphorus as P	Dissolved	=	0.994	mg/L	EPA 200.7	0.012	0.02			
2018/19-2	Lab	LCS, rec	1/17/2019	Nutrient	Phosphorus as P	Dissolved	=	99	%	EPA 200.7	-88	-88	85	115	
2018/19-2	Lab	method blank	1/17/2019	Nutrient	Phosphorus as P	Dissolved	<	0.012	mg/L	EPA 200.7	0.012	0.02			
2018/19-2	Lab	LCS	1/17/2019	Nutrient	Phosphorus as P	Dissolved	=	1.01	mg/L	EPA 200.7	0.012	0.02			
2018/19-2	Lab	LCS, rec	1/17/2019	Nutrient	Phosphorus as P	Dissolved	=	101	%	EPA 200.7	-88	-88	85	115	
2018/19-2	000NONPJ	matrix spike	1/16/2019	Nutrient	Phosphorus as P	Total	=	2.08	mg/L	EPA 200.7	0.012	0.02			
2018/19-2	000NONPJ	matrix spike, rec	1/16/2019	Nutrient	Phosphorus as P	Total	=	118	%	EPA 200.7	-88	-88	70	130	
2018/19-2	000NONPJ	matrix spike dup	1/16/2019	Nutrient	Phosphorus as P	Total	=	2.03	mg/L	EPA 200.7	0.012	0.02			
2018/19-2	000NONPJ	matrix spike dup, rec	1/16/2019	Nutrient	Phosphorus as P	Total	=	112	%	EPA 200.7	-88	-88	70	130	
2018/19-2	000NONPJ	matrix spike, RPD	1/16/2019	Nutrient	Phosphorus as P	Total	=	3	%	EPA 200.7	-88	-88	0	30	
2018/19-2	000NONPJ	matrix spike	1/17/2019	Nutrient	Phosphorus as P	Total	=	1.31	mg/L	EPA 200.7	0.012	0.02			
2018/19-2	000NONPJ	matrix spike, rec	1/17/2019	Nutrient	Phosphorus as P	Total	=	106	%	EPA 200.7	-88	-88	70	130	
2018/19-2	000NONPJ	matrix spike dup	1/17/2019	Nutrient	Phosphorus as P	Total	=	1.31	mg/L	EPA 200.7	0.012	0.02			
2018/19-2	000NONPJ	matrix spike dup, rec	1/17/2019	Nutrient	Phosphorus as P	Total	=	106	%	EPA 200.7	-88	-88	70	130	
2018/19-2	000NONPJ	matrix spike, RPD	1/17/2019	Nutrient	Phosphorus as P	Total	=	0.08	%	EPA 200.7	-88	-88	0	30	
2018/19-2	Lab	method blank	12/7/2018	Nutrient	Phosphorus as P	Total	<	0.012	mg/L	EPA 200.7	0.012	0.02			
2018/19-2	Lab	LCS	12/7/2018	Nutrient	Phosphorus as P	Total	=	0.999	mg/L	EPA 200.7	0.012	0.02			
2018/19-2	Lab	LCS, rec	12/7/2018	Nutrient	Phosphorus as P	Total	=	100	%	EPA 200.7	-88	-88	85	115	
2018/19-2	Lab	method blank	1/16/2019	Nutrient	Phosphorus as P	Total	DNQ	0.016	mg/L	EPA 200.7	0.012	0.02			IP
2018/19-2	Lab	LCS	1/16/2019	Nutrient	Phosphorus as P	Total	=	1.03	mg/L	EPA 200.7	0.012	0.02			
2018/19-2	Lab	LCS, rec	1/16/2019	Nutrient	Phosphorus as P	Total	=	103	%	EPA 200.7	-88	-88	85	115	
2018/19-2	Lab	method blank	1/17/2019	Nutrient	Phosphorus as P	Total	<	0.012	mg/L	EPA 200.7	0.012	0.02			
2018/19-2	Lab	LCS	1/17/2019	Nutrient	Phosphorus as P	Total	=	0.994	mg/L	EPA 200.7	0.012	0.02			
2018/19-2	Lab	LCS, rec	1/17/2019	Nutrient	Phosphorus as P	Total	=	99	%	EPA 200.7	-88	-88	85	115	
2018/19-2	Lab	method blank	1/17/2019	Nutrient	Phosphorus as P	Total	<	0.012	mg/L	EPA 200.7	0.012	0.02			
2018/19-2	Lab	LCS	1/17/2019	Nutrient	Phosphorus as P	Total	=	1.01	mg/L	EPA 200.7	0.012	0.02			
2018/19-2	Lab	LCS, rec	1/17/2019	Nutrient	Phosphorus as P	Total	=	101	%	EPA 200.7	-88	-88	85	115	
2018/19-2	MO-MEI	matrix spike	1/17/2019	Nutrient	Phosphorus as P	Total	=	1.54	mg/L	EPA 200.7	0.012	0.02			
2018/19-2	MO-MEI	matrix spike, rec	1/17/2019	Nutrient	Phosphorus as P	Total	=	96	%	EPA 200.7	-88	-88	70	130	
2018/19-2	MO-MEI	matrix spike dup	1/17/2019	Nutrient	Phosphorus as P	Total	=	1.58	mg/L	EPA 200.7	0.012	0.02			
2018/19-2	MO-MEI	matrix spike dup, rec	1/17/2019	Nutrient	Phosphorus as P	Total	=	100	%	EPA 200.7	-88	-88	70	130	
2018/19-2	MO-MEI	matrix spike, RPD	1/17/2019	Nutrient	Phosphorus as P	Total	=	3	%	EPA 200.7	-88	-88	0	30	
2018/19-2	MO-OJA	matrix spike	12/7/2018	Nutrient	Phosphorus as P	Total	=	1.44	mg/L	EPA 200.7	0.012	0.02			
2018/19-2	MO-OJA	matrix spike, rec	12/7/2018	Nutrient	Phosphorus as P	Total	=	102	%	EPA 200.7	-88	-88	70	130	

Appendix F
Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2018/19-2	MO-OJA	matrix spike dup	12/7/2018	Nutrient	Phosphorus as P	Total	=	1.48	mg/L	EPA 200.7	0.012	0.02			
2018/19-2	MO-OJA	matrix spike dup, rec	12/7/2018	Nutrient	Phosphorus as P	Total	=	106	%	EPA 200.7	-88	-88	70	130	
2018/19-2	MO-OJA	matrix spike, RPD	12/7/2018	Nutrient	Phosphorus as P	Total	=	2	%	EPA 200.7	-88	-88	0	30	
2018/19-2	MO-SPA	matrix spike	1/17/2019	Nutrient	Phosphorus as P	Total	=	1.66	mg/L	EPA 200.7	0.012	0.02			
2018/19-2	MO-SPA	matrix spike, rec	1/17/2019	Nutrient	Phosphorus as P	Total	=	109	%	EPA 200.7	-88	-88	70	130	
2018/19-2	MO-SPA	matrix spike dup	1/17/2019	Nutrient	Phosphorus as P	Total	=	1.66	mg/L	EPA 200.7	0.012	0.02			
2018/19-2	MO-SPA	matrix spike dup, rec	1/17/2019	Nutrient	Phosphorus as P	Total	=	109	%	EPA 200.7	-88	-88	70	130	
2018/19-2	MO-SPA	matrix spike, RPD	1/17/2019	Nutrient	Phosphorus as P	Total	=	0.2	%	EPA 200.7	-88	-88	0	30	
2018/19-2	MO-VEN	matrix spike	1/17/2019	Nutrient	Phosphorus as P	Total	=	1.88	mg/L	EPA 200.7	0.012	0.02			
2018/19-2	MO-VEN	matrix spike, rec	1/17/2019	Nutrient	Phosphorus as P	Total	=	107	%	EPA 200.7	-88	-88	70	130	
2018/19-2	MO-VEN	matrix spike dup	1/17/2019	Nutrient	Phosphorus as P	Total	=	1.88	mg/L	EPA 200.7	0.012	0.02			
2018/19-2	MO-VEN	matrix spike dup, rec	1/17/2019	Nutrient	Phosphorus as P	Total	=	106	%	EPA 200.7	-88	-88	70	130	
2018/19-2	MO-VEN	matrix spike, RPD	1/17/2019	Nutrient	Phosphorus as P	Total	=	0.4	%	EPA 200.7	-88	-88	0	30	
2018/19-2	000NONPJ	matrix spike	12/18/2018	Nutrient	TKN	n/a	=	6.23	mg/L	EPA 351.2	0.1	0.2			
2018/19-2	000NONPJ	matrix spike	12/18/2018	Nutrient	TKN	n/a	=	1	mg/L	EPA 351.2	0.05	0.1			
2018/19-2	000NONPJ	matrix spike dup	12/18/2018	Nutrient	TKN	n/a	=	0.974	mg/L	EPA 351.2	0.05	0.1			
2018/19-2	000NONPJ	matrix spike dup	12/18/2018	Nutrient	TKN	n/a	=	6.12	mg/L	EPA 351.2	0.1	0.2			
2018/19-2	000NONPJ	matrix spike dup, rec	12/18/2018	Nutrient	TKN	n/a	=	97	%	EPA 351.2	-88	-88	90	110	
2018/19-2	000NONPJ	matrix spike dup, rec	12/18/2018	Nutrient	TKN	n/a	=	97	%	EPA 351.2	-88	-88	90	110	
2018/19-2	000NONPJ	matrix spike, rec	12/18/2018	Nutrient	TKN	n/a	=	100	%	EPA 351.2	-88	-88	90	110	
2018/19-2	000NONPJ	matrix spike, rec	12/18/2018	Nutrient	TKN	n/a	=	102	%	EPA 351.2	-88	-88	90	110	
2018/19-2	000NONPJ	matrix spike, RPD	12/18/2018	Nutrient	TKN	n/a	=	2	%	EPA 351.2	-88	-88	0	10	
2018/19-2	000NONPJ	matrix spike, RPD	12/18/2018	Nutrient	TKN	n/a	=	3	%	EPA 351.2	-88	-88	0	10	
2018/19-2	000NONPJ	matrix spike	12/21/2018	Nutrient	TKN	n/a	=	1.18	mg/L	EPA 351.2	0.05	0.1			
2018/19-2	000NONPJ	matrix spike	12/21/2018	Nutrient	TKN	n/a	=	1.27	mg/L	EPA 351.2	0.05	0.1			
2018/19-2	000NONPJ	matrix spike dup	12/21/2018	Nutrient	TKN	n/a	=	1.2	mg/L	EPA 351.2	0.05	0.1			
2018/19-2	000NONPJ	matrix spike dup	12/21/2018	Nutrient	TKN	n/a	=	1.21	mg/L	EPA 351.2	0.05	0.1			
2018/19-2	000NONPJ	matrix spike dup, rec	12/21/2018	Nutrient	TKN	n/a	=	97	%	EPA 351.2	-88	-88	90	110	
2018/19-2	000NONPJ	matrix spike dup, rec	12/21/2018	Nutrient	TKN	n/a	=	97	%	EPA 351.2	-88	-88	90	110	
2018/19-2	000NONPJ	matrix spike, rec	12/21/2018	Nutrient	TKN	n/a	=	95	%	EPA 351.2	-88	-88	90	110	
2018/19-2	000NONPJ	matrix spike, rec	12/21/2018	Nutrient	TKN	n/a	=	103	%	EPA 351.2	-88	-88	90	110	
2018/19-2	000NONPJ	matrix spike, RPD	12/21/2018	Nutrient	TKN	n/a	=	2	%	EPA 351.2	-88	-88	0	10	
2018/19-2	000NONPJ	matrix spike, RPD	12/21/2018	Nutrient	TKN	n/a	=	5	%	EPA 351.2	-88	-88	0	10	
2018/19-2	Lab	LCS	12/18/2018	Nutrient	TKN	n/a	=	1.01	mg/L	EPA 351.2	0.05	0.1			
2018/19-2	Lab	LCS	12/18/2018	Nutrient	TKN	n/a	=	0.986	mg/L	EPA 351.2	0.05	0.1			
2018/19-2	Lab	LCS, rec	12/18/2018	Nutrient	TKN	n/a	=	101	%	EPA 351.2	-88	-88	90	110	
2018/19-2	Lab	LCS, rec	12/18/2018	Nutrient	TKN	n/a	=	99	%	EPA 351.2	-88	-88	90	110	
2018/19-2	Lab	method blank	12/18/2018	Nutrient	TKN	n/a	<	0.05	mg/L	EPA 351.2	0.05	0.1			
2018/19-2	Lab	method blank	12/18/2018	Nutrient	TKN	n/a	<	0.05	mg/L	EPA 351.2	0.05	0.1			
2018/19-2	Lab	LCS	12/21/2018	Nutrient	TKN	n/a	=	0.947	mg/L	EPA 351.2	0.05	0.1			
2018/19-2	Lab	LCS	12/21/2018	Nutrient	TKN	n/a	=	0.935	mg/L	EPA 351.2	0.05	0.1			
2018/19-2	Lab	LCS, rec	12/21/2018	Nutrient	TKN	n/a	=	93	%	EPA 351.2	-88	-88	90	110	
2018/19-2	Lab	LCS, rec	12/21/2018	Nutrient	TKN	n/a	=	95	%	EPA 351.2	-88	-88	90	110	
2018/19-2	Lab	method blank	12/21/2018	Nutrient	TKN	n/a	<	0.05	mg/L	EPA 351.2	0.05	0.1			
2018/19-2	Lab	method blank	12/21/2018	Nutrient	TKN	n/a	<	0.05	mg/L	EPA 351.2	0.05	0.1			
2018/19-2	Lab	method blank	1/6/2019	Organic	1,2,4-Trichlorobenzene	n/a	<	0.55	µg/L	EPA 625	0.55	1			
2018/19-2	Lab	LCS	1/6/2019	Organic	1,2,4-Trichlorobenzene	n/a	=	20	µg/L	EPA 625	0.55	1			

Appendix F
Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2018/19-2	Lab	LCS, rec	1/6/2019	Organic	1,2,4-Trichlorobenzene	n/a	=	80	%	EPA 625	-88	-88	44	142	
2018/19-2	Lab	LCS dup	1/6/2019	Organic	1,2,4-Trichlorobenzene	n/a	=	17.7	µg/L	EPA 625	0.55	1			
2018/19-2	Lab	LCS dup, rec	1/6/2019	Organic	1,2,4-Trichlorobenzene	n/a	=	71	%	EPA 625	-88	-88	44	142	
2018/19-2	Lab	LCS, RPD	1/6/2019	Organic	1,2,4-Trichlorobenzene	n/a	=	12	%	EPA 625	-88	-88	0	30	
2018/19-2	Lab	method blank	1/6/2019	Organic	1,2-Dichlorobenzene	n/a	<	0.57	µg/L	EPA 625	0.57	1			
2018/19-2	Lab	LCS	1/6/2019	Organic	1,2-Dichlorobenzene	n/a	=	17.9	µg/L	EPA 625	0.57	1			
2018/19-2	Lab	LCS, rec	1/6/2019	Organic	1,2-Dichlorobenzene	n/a	=	72	%	EPA 625	-88	-88	32	129	
2018/19-2	Lab	LCS dup	1/6/2019	Organic	1,2-Dichlorobenzene	n/a	=	15.4	µg/L	EPA 625	0.57	1			
2018/19-2	Lab	LCS dup, rec	1/6/2019	Organic	1,2-Dichlorobenzene	n/a	=	61	%	EPA 625	-88	-88	32	129	
2018/19-2	Lab	LCS, RPD	1/6/2019	Organic	1,2-Dichlorobenzene	n/a	=	15	%	EPA 625	-88	-88	0	30	
2018/19-2	Lab	srgt LCS	12/3/2018	Organic	1,2-Dichloroethane-d4	n/a	=	44.2	µg/L	EPA 624	-88	-88			
2018/19-2	Lab	srgt LCS, rec	12/3/2018	Organic	1,2-Dichloroethane-d4	n/a	=	88	%	EPA 624	-88	-88	82	125	
2018/19-2	Lab	srgt LCS dup	12/3/2018	Organic	1,2-Dichloroethane-d4	n/a	=	51.6	µg/L	EPA 624	-88	-88			
2018/19-2	Lab	srgt LCS dup, rec	12/3/2018	Organic	1,2-Dichloroethane-d4	n/a	=	103	%	EPA 624	-88	-88	82	125	
2018/19-2	Lab	srgt method blank	12/3/2018	Organic	1,2-Dichloroethane-d4	n/a	=	51.3	µg/L	EPA 624	-88	-88			
2018/19-2	Lab	srgt method blank, rec	12/3/2018	Organic	1,2-Dichloroethane-d4	n/a	=	103	%	EPA 624	-88	-88	82	125	
2018/19-2	ME-CC	srgt environ	12/3/2018	Organic	1,2-Dichloroethane-d4	n/a	=	56	µg/L	EPA 624	-88	-88			
2018/19-2	ME-CC	srgt environ, rec	12/3/2018	Organic	1,2-Dichloroethane-d4	n/a	=	112	%	EPA 624	-88	-88	82	125	
2018/19-2	ME-CC	srgt field blank	12/4/2018	Organic	1,2-Dichloroethane-d4	n/a	=	58.6	µg/L	EPA 624	-88	-88			
2018/19-2	ME-CC	srgt field blank, rec	12/4/2018	Organic	1,2-Dichloroethane-d4	n/a	=	117	%	EPA 624	-88	-88	82	125	
2018/19-2	ME-SCR	srgt environ	12/3/2018	Organic	1,2-Dichloroethane-d4	n/a	=	57	µg/L	EPA 624	-88	-88			
2018/19-2	ME-SCR	srgt environ, rec	12/3/2018	Organic	1,2-Dichloroethane-d4	n/a	=	114	%	EPA 624	-88	-88	82	125	
2018/19-2	ME-VR2	srgt environ	12/3/2018	Organic	1,2-Dichloroethane-d4	n/a	=	52.6	µg/L	EPA 624	-88	-88			
2018/19-2	ME-VR2	srgt environ, rec	12/3/2018	Organic	1,2-Dichloroethane-d4	n/a	=	105	%	EPA 624	-88	-88	82	125	
2018/19-2	MO-CAM	srgt environ	12/3/2018	Organic	1,2-Dichloroethane-d4	n/a	=	57.7	µg/L	EPA 624	-88	-88			
2018/19-2	MO-CAM	srgt environ, rec	12/3/2018	Organic	1,2-Dichloroethane-d4	n/a	=	115	%	EPA 624	-88	-88	82	125	
2018/19-2	MO-FIL	srgt environ	12/3/2018	Organic	1,2-Dichloroethane-d4	n/a	=	56.9	µg/L	EPA 624	-88	-88			
2018/19-2	MO-FIL	srgt environ, rec	12/3/2018	Organic	1,2-Dichloroethane-d4	n/a	=	114	%	EPA 624	-88	-88	82	125	
2018/19-2	MO-FIL	srgt environ	12/3/2018	Organic	1,2-Dichloroethane-d4	n/a	=	60.8	µg/L	EPA 624	-88	-88			
2018/19-2	MO-FIL	srgt environ, rec	12/3/2018	Organic	1,2-Dichloroethane-d4	n/a	=	122	%	EPA 624	-88	-88	82	125	
2018/19-2	MO-HUE	srgt environ	12/4/2018	Organic	1,2-Dichloroethane-d4	n/a	=	60.3	µg/L	EPA 624	-88	-88			
2018/19-2	MO-HUE	srgt environ, rec	12/4/2018	Organic	1,2-Dichloroethane-d4	n/a	=	121	%	EPA 624	-88	-88	82	125	
2018/19-2	MO-MEI	srgt environ	12/3/2018	Organic	1,2-Dichloroethane-d4	n/a	=	57.9	µg/L	EPA 624	-88	-88			
2018/19-2	MO-MEI	srgt environ, rec	12/3/2018	Organic	1,2-Dichloroethane-d4	n/a	=	116	%	EPA 624	-88	-88	82	125	
2018/19-2	MO-MPK	srgt environ	12/4/2018	Organic	1,2-Dichloroethane-d4	n/a	=	61.6	µg/L	EPA 624	-88	-88			
2018/19-2	MO-MPK	srgt environ, rec	12/4/2018	Organic	1,2-Dichloroethane-d4	n/a	=	123	%	EPA 624	-88	-88	82	125	
2018/19-2	MO-OJA	srgt environ	12/3/2018	Organic	1,2-Dichloroethane-d4	n/a	=	60.6	µg/L	EPA 624	-88	-88			
2018/19-2	MO-OJA	srgt environ, rec	12/3/2018	Organic	1,2-Dichloroethane-d4	n/a	=	121	%	EPA 624	-88	-88	82	125	
2018/19-2	MO-OXN	srgt environ	12/3/2018	Organic	1,2-Dichloroethane-d4	n/a	=	61	µg/L	EPA 624	-88	-88			
2018/19-2	MO-OXN	srgt environ, rec	12/3/2018	Organic	1,2-Dichloroethane-d4	n/a	=	122	%	EPA 624	-88	-88	82	125	
2018/19-2	MO-SIM	srgt environ	12/3/2018	Organic	1,2-Dichloroethane-d4	n/a	=	58.5	µg/L	EPA 624	-88	-88			
2018/19-2	MO-SIM	srgt environ, rec	12/3/2018	Organic	1,2-Dichloroethane-d4	n/a	=	117	%	EPA 624	-88	-88	82	125	
2018/19-2	MO-SPA	srgt environ	12/3/2018	Organic	1,2-Dichloroethane-d4	n/a	=	59.8	µg/L	EPA 624	-88	-88			
2018/19-2	MO-SPA	srgt environ, rec	12/3/2018	Organic	1,2-Dichloroethane-d4	n/a	=	120	%	EPA 624	-88	-88	82	125	
2018/19-2	MO-THO	srgt environ	12/4/2018	Organic	1,2-Dichloroethane-d4	n/a	=	59.3	µg/L	EPA 624	-88	-88			
2018/19-2	MO-THO	srgt environ, rec	12/4/2018	Organic	1,2-Dichloroethane-d4	n/a	=	119	%	EPA 624	-88	-88	82	125	
2018/19-2	MO-VEN	srgt environ	12/3/2018	Organic	1,2-Dichloroethane-d4	n/a	=	61.9	µg/L	EPA 624	-88	-88			

Appendix F
Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2018/19-2	MO-VEN	srgt environ, rec	12/3/2018	Organic	1,2-Dichloroethane-d4	n/a	=	124	%	EPA 624	-88	-88	82	125	
2018/19-2	Lab	method blank	1/6/2019	Organic	1,2-Diphenylhydrazine	n/a	<	0.25	µg/L	EPA 625	0.25	1			
2018/19-2	Lab	method blank	1/6/2019	Organic	1,3-Dichlorobenzene	n/a	<	0.53	µg/L	EPA 625	0.53	1			
2018/19-2	Lab	LCS	1/6/2019	Organic	1,3-Dichlorobenzene	n/a	=	17.2	µg/L	EPA 625	0.53	1			
2018/19-2	Lab	LCS, rec	1/6/2019	Organic	1,3-Dichlorobenzene	n/a	=	69	%	EPA 625	-88	-88	0.1	172	
2018/19-2	Lab	LCS dup	1/6/2019	Organic	1,3-Dichlorobenzene	n/a	=	14.8	µg/L	EPA 625	0.53	1			
2018/19-2	Lab	LCS dup, rec	1/6/2019	Organic	1,3-Dichlorobenzene	n/a	=	59	%	EPA 625	-88	-88	0.1	172	
2018/19-2	Lab	LCS, RPD	1/6/2019	Organic	1,3-Dichlorobenzene	n/a	=	15	%	EPA 625	-88	-88	0	30	
2018/19-2	000NONPJ	srgt matrix spike	12/19/2018	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	0.491	µg/L	EPA 525.2m	-88	-88			
2018/19-2	000NONPJ	srgt matrix spike, rec	12/19/2018	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	98	%	EPA 525.2m	-88	-88	76	128	
2018/19-2	000NONPJ	srgt method blank	12/19/2018	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	0.475	µg/L	EPA 525.2m	-88	-88			
2018/19-2	000NONPJ	srgt matrix spike dup, rec	12/19/2018	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	95	%	EPA 525.2m	-88	-88	76	128	
2018/19-2	000NONPJ	srgt matrix spike	12/20/2018	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	0.459	µg/L	EPA 525.2m	-88	-88			
2018/19-2	000NONPJ	srgt matrix spike, rec	12/20/2018	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	92	%	EPA 525.2m	-88	-88	76	128	
2018/19-2	000NONPJ	srgt matrix spike dup	12/20/2018	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	0.354	µg/L	EPA 525.2m	-88	-88			GN
2018/19-2	000NONPJ	srgt matrix spike dup, rec	12/20/2018	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	71	%	EPA 525.2m	-88	-88	76	128	GN
2018/19-2	Lab	srgt method blank	12/14/2018	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	4.93	µg/L	EPA 525.2	-88	-88			
2018/19-2	Lab	srgt method blank, rec	12/14/2018	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	99	%	EPA 525.2	-88	-88	70	130	
2018/19-2	Lab	srgt LCS	12/14/2018	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	4.83	µg/L	EPA 525.2	-88	-88			
2018/19-2	Lab	srgt LCS, rec	12/14/2018	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	97	%	EPA 525.2	-88	-88	70	130	
2018/19-2	Lab	srgt LCS dup	12/14/2018	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	4.87	µg/L	EPA 525.2	-88	-88			
2018/19-2	Lab	srgt LCS dup, rec	12/14/2018	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	97	%	EPA 525.2	-88	-88	70	130	
2018/19-2	Lab	srgt method blank	12/15/2018	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	4.8	µg/L	EPA 525.2	-88	-88			
2018/19-2	Lab	srgt method blank, rec	12/15/2018	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	96	%	EPA 525.2	-88	-88	70	130	
2018/19-2	Lab	srgt LCS	12/15/2018	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	4.6	µg/L	EPA 525.2	-88	-88			
2018/19-2	Lab	srgt LCS, rec	12/15/2018	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	92	%	EPA 525.2	-88	-88	70	130	
2018/19-2	Lab	srgt LCS dup	12/15/2018	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	4.46	µg/L	EPA 525.2	-88	-88			
2018/19-2	Lab	srgt LCS dup, rec	12/15/2018	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	89	%	EPA 525.2	-88	-88	70	130	
2018/19-2	Lab	srgt method blank	12/19/2018	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	5.1	µg/L	EPA 525.2	-88	-88			
2018/19-2	Lab	srgt method blank, rec	12/19/2018	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	102	%	EPA 525.2	-88	-88	70	130	
2018/19-2	Lab	srgt LCS	12/19/2018	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	4.9	µg/L	EPA 525.2	-88	-88			
2018/19-2	Lab	srgt LCS, rec	12/19/2018	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	98	%	EPA 525.2	-88	-88	70	130	
2018/19-2	Lab	srgt LCS dup	12/19/2018	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	4.85	µg/L	EPA 525.2	-88	-88			
2018/19-2	Lab	srgt LCS dup, rec	12/19/2018	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	97	%	EPA 525.2	-88	-88	70	130	
2018/19-2	Lab	srgt method blank	12/19/2018	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	0.461	µg/L	EPA 525.2m	-88	-88			
2018/19-2	Lab	srgt method blank, rec	12/19/2018	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	92	%	EPA 525.2m	-88	-88	76	128	
2018/19-2	Lab	srgt LCS	12/19/2018	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	0.442	µg/L	EPA 525.2m	-88	-88			
2018/19-2	Lab	srgt LCS, rec	12/19/2018	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	88	%	EPA 525.2m	-88	-88	76	128	
2018/19-2	Lab	srgt method blank	12/20/2018	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	0.457	µg/L	EPA 525.2m	-88	-88			
2018/19-2	Lab	srgt method blank, rec	12/20/2018	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	91	%	EPA 525.2m	-88	-88	76	128	
2018/19-2	Lab	srgt LCS	12/20/2018	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	0.46	µg/L	EPA 525.2m	-88	-88			
2018/19-2	Lab	srgt LCS, rec	12/20/2018	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	92	%	EPA 525.2m	-88	-88	76	128	
2018/19-2	ME-CC	srgt environ	12/19/2018	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	5.96	µg/L	EPA 525.2	-88	-88			
2018/19-2	ME-CC	srgt environ, rec	12/19/2018	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	119	%	EPA 525.2	-88	-88	70	130	
2018/19-2	ME-CC	srgt environ	12/20/2018	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	0.369	µg/L	EPA 525.2m	-88	-88			GN
2018/19-2	ME-CC	srgt environ, rec	12/20/2018	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	74	%	EPA 525.2m	-88	-88	76	128	GN
2018/19-2	ME-SCR	srgt environ	12/19/2018	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	5.33	µg/L	EPA 525.2	-88	-88			

Appendix F
Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2018/19-2	ME-SCR	srgt environ, rec	12/19/2018	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	107	%	EPA 525.2	-88	-88	70	130	
2018/19-2	ME-SCR	srgt environ	12/20/2018	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	0.398	µg/L	EPA 525.2m	-88	-88			
2018/19-2	ME-SCR	srgt environ, rec	12/20/2018	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	80	%	EPA 525.2m	-88	-88	76	128	
2018/19-2	ME-VR2	srgt environ	12/14/2018	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	5.37	µg/L	EPA 525.2	-88	-88			
2018/19-2	ME-VR2	srgt environ, rec	12/14/2018	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	107	%	EPA 525.2	-88	-88	70	130	
2018/19-2	ME-VR2	srgt environ	12/19/2018	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	0.483	µg/L	EPA 525.2m	-88	-88			
2018/19-2	ME-VR2	srgt environ, rec	12/19/2018	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	97	%	EPA 525.2m	-88	-88	76	128	
2018/19-2	MO-CAM	srgt environ	12/19/2018	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	5.39	µg/L	EPA 525.2	-88	-88			
2018/19-2	MO-CAM	srgt environ, rec	12/19/2018	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	108	%	EPA 525.2	-88	-88	70	130	
2018/19-2	MO-CAM	srgt environ	12/20/2018	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	0.734	µg/L	EPA 525.2m	-88	-88			GN
2018/19-2	MO-CAM	srgt environ, rec	12/20/2018	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	73	%	EPA 525.2m	-88	-88	76	128	GN
2018/19-2	MO-FIL	srgt environ	12/14/2018	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	11	µg/L	EPA 525.2	-88	-88			
2018/19-2	MO-FIL	srgt environ, rec	12/14/2018	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	110	%	EPA 525.2	-88	-88	70	130	
2018/19-2	MO-FIL	srgt environ	12/19/2018	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	0.891	µg/L	EPA 525.2m	-88	-88			
2018/19-2	MO-FIL	srgt environ, rec	12/19/2018	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	89	%	EPA 525.2m	-88	-88	76	128	
2018/19-2	MO-HUE	srgt environ	12/19/2018	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	5.83	µg/L	EPA 525.2	-88	-88			
2018/19-2	MO-HUE	srgt environ, rec	12/19/2018	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	117	%	EPA 525.2	-88	-88	70	130	
2018/19-2	MO-HUE	srgt environ	12/20/2018	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	0.526	µg/L	EPA 525.2m	-88	-88			
2018/19-2	MO-HUE	srgt environ, rec	12/20/2018	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	105	%	EPA 525.2m	-88	-88	76	128	
2018/19-2	MO-MEI	srgt environ	12/16/2018	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	10.8	µg/L	EPA 525.2	-88	-88			
2018/19-2	MO-MEI	srgt environ, rec	12/16/2018	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	108	%	EPA 525.2	-88	-88	70	130	
2018/19-2	MO-MEI	srgt environ	12/19/2018	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	0.424	µg/L	EPA 525.2m	-88	-88			
2018/19-2	MO-MEI	srgt environ, rec	12/19/2018	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	85	%	EPA 525.2m	-88	-88	76	128	
2018/19-2	MO-MPK	srgt environ	12/14/2018	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	9.96	µg/L	EPA 525.2	-88	-88			
2018/19-2	MO-MPK	srgt environ, rec	12/14/2018	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	100	%	EPA 525.2	-88	-88	70	130	
2018/19-2	MO-MPK	srgt environ	12/19/2018	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	0.855	µg/L	EPA 525.2m	-88	-88			
2018/19-2	MO-MPK	srgt environ, rec	12/19/2018	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	86	%	EPA 525.2m	-88	-88	76	128	
2018/19-2	MO-OJA	srgt environ	12/16/2018	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	9.98	µg/L	EPA 525.2	-88	-88			
2018/19-2	MO-OJA	srgt environ, rec	12/16/2018	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	100	%	EPA 525.2	-88	-88	70	130	
2018/19-2	MO-OJA	srgt environ	12/19/2018	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	0.454	µg/L	EPA 525.2m	-88	-88			
2018/19-2	MO-OJA	srgt environ, rec	12/19/2018	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	91	%	EPA 525.2m	-88	-88	76	128	
2018/19-2	MO-OXN	srgt environ	12/14/2018	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	12.2	µg/L	EPA 525.2	-88	-88			
2018/19-2	MO-OXN	srgt environ, rec	12/14/2018	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	122	%	EPA 525.2	-88	-88	70	130	
2018/19-2	MO-OXN	srgt environ	12/19/2018	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	0.878	µg/L	EPA 525.2m	-88	-88			
2018/19-2	MO-OXN	srgt environ, rec	12/19/2018	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	88	%	EPA 525.2m	-88	-88	76	128	
2018/19-2	MO-SIM	srgt environ	12/19/2018	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	6.05	µg/L	EPA 525.2	-88	-88			
2018/19-2	MO-SIM	srgt environ, rec	12/19/2018	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	121	%	EPA 525.2	-88	-88	70	130	
2018/19-2	MO-SIM	srgt environ	12/20/2018	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	0.874	µg/L	EPA 525.2m	-88	-88			
2018/19-2	MO-SIM	srgt environ, rec	12/20/2018	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	87	%	EPA 525.2m	-88	-88	76	128	
2018/19-2	MO-SPA	srgt environ	12/14/2018	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	12.1	µg/L	EPA 525.2	-88	-88			
2018/19-2	MO-SPA	srgt environ, rec	12/14/2018	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	121	%	EPA 525.2	-88	-88	70	130	
2018/19-2	MO-SPA	srgt environ	12/19/2018	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	0.906	µg/L	EPA 525.2m	-88	-88			
2018/19-2	MO-SPA	srgt environ, rec	12/19/2018	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	91	%	EPA 525.2m	-88	-88	76	128	
2018/19-2	MO-THO	srgt environ	12/19/2018	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	5.79	µg/L	EPA 525.2	-88	-88			
2018/19-2	MO-THO	srgt environ, rec	12/19/2018	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	116	%	EPA 525.2	-88	-88	70	130	
2018/19-2	MO-THO	srgt environ	12/20/2018	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	0.868	µg/L	EPA 525.2m	-88	-88			
2018/19-2	MO-THO	srgt environ, rec	12/20/2018	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	87	%	EPA 525.2m	-88	-88	76	128	

Appendix F
Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2018/19-2	MO-VEN	srgt environ	12/19/2018	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	5.38	µg/L	EPA 525.2	-88	-88			
2018/19-2	MO-VEN	srgt environ, rec	12/19/2018	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	108	%	EPA 525.2	-88	-88	70	130	
2018/19-2	MO-VEN	srgt environ	12/20/2018	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	0.823	µg/L	EPA 525.2m	-88	-88			
2018/19-2	MO-VEN	srgt environ, rec	12/20/2018	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	82	%	EPA 525.2m	-88	-88	76	128	
2018/19-2	Lab	method blank	1/6/2019	Organic	1,4-Dichlorobenzene	n/a	<	0.55	µg/L	EPA 625	0.55	1			
2018/19-2	Lab	LCS	1/6/2019	Organic	1,4-Dichlorobenzene	n/a	=	17.5	µg/L	EPA 625	0.55	1			
2018/19-2	Lab	LCS, rec	1/6/2019	Organic	1,4-Dichlorobenzene	n/a	=	70	%	EPA 625	-88	-88	20	124	
2018/19-2	Lab	LCS dup	1/6/2019	Organic	1,4-Dichlorobenzene	n/a	=	15.1	µg/L	EPA 625	0.55	1			
2018/19-2	Lab	LCS dup, rec	1/6/2019	Organic	1,4-Dichlorobenzene	n/a	=	60	%	EPA 625	-88	-88	20	124	
2018/19-2	Lab	LCS, RPD	1/6/2019	Organic	1,4-Dichlorobenzene	n/a	=	15	%	EPA 625	-88	-88	0	30	
2018/19-2	Lab	method blank	1/11/2019	Organic	1-Methylnaphthalene	n/a	<	0.1	µg/L	EPA 8270C	0.1	0.1			
2018/19-2	Lab	method blank	1/10/2019	Organic	2,4,5-Trichlorophenol	n/a	<	0.29	µg/L	EPA 8270C	0.29	1			
2018/19-2	Lab	srgt method blank	1/6/2019	Organic	2,4,6-Tribromophenol	n/a	=	37.5	µg/L	EPA 625	-88	-88			
2018/19-2	Lab	srgt method blank, rec	1/6/2019	Organic	2,4,6-Tribromophenol	n/a	=	75	%	EPA 625	-88	-88	25	102	
2018/19-2	Lab	srgt LCS	1/6/2019	Organic	2,4,6-Tribromophenol	n/a	=	41.4	µg/L	EPA 625	-88	-88			
2018/19-2	Lab	srgt LCS, rec	1/6/2019	Organic	2,4,6-Tribromophenol	n/a	=	83	%	EPA 625	-88	-88	25	102	
2018/19-2	Lab	srgt LCS dup	1/6/2019	Organic	2,4,6-Tribromophenol	n/a	=	37.9	µg/L	EPA 625	-88	-88			
2018/19-2	Lab	srgt LCS dup, rec	1/6/2019	Organic	2,4,6-Tribromophenol	n/a	=	76	%	EPA 625	-88	-88	25	102	
2018/19-2	Lab	srgt method blank	1/10/2019	Organic	2,4,6-Tribromophenol	n/a	=	6.63	µg/L	EPA 8270C	-88	-88			
2018/19-2	Lab	srgt method blank, rec	1/10/2019	Organic	2,4,6-Tribromophenol	n/a	=	66	%	EPA 8270C	-88	-88	26	117	
2018/19-2	Lab	srgt LCS	1/10/2019	Organic	2,4,6-Tribromophenol	n/a	=	8.06	µg/L	EPA 8270C	-88	-88			
2018/19-2	Lab	srgt LCS, rec	1/10/2019	Organic	2,4,6-Tribromophenol	n/a	=	81	%	EPA 8270C	-88	-88	26	117	
2018/19-2	Lab	srgt LCS dup	1/10/2019	Organic	2,4,6-Tribromophenol	n/a	=	8.23	µg/L	EPA 8270C	-88	-88			
2018/19-2	Lab	srgt LCS dup, rec	1/10/2019	Organic	2,4,6-Tribromophenol	n/a	=	82	%	EPA 8270C	-88	-88	26	117	
2018/19-2	ME-CC	srgt environ	1/7/2019	Organic	2,4,6-Tribromophenol	n/a	=	36.6	µg/L	EPA 625	-88	-88			
2018/19-2	ME-CC	srgt environ, rec	1/7/2019	Organic	2,4,6-Tribromophenol	n/a	=	73	%	EPA 625	-88	-88	25	102	
2018/19-2	ME-CC	srgt environ	1/11/2019	Organic	2,4,6-Tribromophenol	n/a	=	7.94	µg/L	EPA 8270C	-88	-88			
2018/19-2	ME-CC	srgt environ, rec	1/11/2019	Organic	2,4,6-Tribromophenol	n/a	=	79	%	EPA 8270C	-88	-88	26	117	
2018/19-2	ME-SCR	srgt environ	1/7/2019	Organic	2,4,6-Tribromophenol	n/a	=	368	µg/L	EPA 625	-88	-88			
2018/19-2	ME-SCR	srgt environ, rec	1/7/2019	Organic	2,4,6-Tribromophenol	n/a	=	74	%	EPA 625	-88	-88	25	102	
2018/19-2	ME-SCR	srgt environ	1/11/2019	Organic	2,4,6-Tribromophenol	n/a	=	85.6	µg/L	EPA 8270C	-88	-88			
2018/19-2	ME-SCR	srgt environ, rec	1/11/2019	Organic	2,4,6-Tribromophenol	n/a	=	86	%	EPA 8270C	-88	-88	26	117	
2018/19-2	ME-VR2	srgt environ	1/7/2019	Organic	2,4,6-Tribromophenol	n/a	=	38.9	µg/L	EPA 625	-88	-88			
2018/19-2	ME-VR2	srgt environ, rec	1/7/2019	Organic	2,4,6-Tribromophenol	n/a	=	78	%	EPA 625	-88	-88	25	102	
2018/19-2	ME-VR2	srgt environ	1/11/2019	Organic	2,4,6-Tribromophenol	n/a	=	7.65	µg/L	EPA 8270C	-88	-88			
2018/19-2	ME-VR2	srgt environ, rec	1/11/2019	Organic	2,4,6-Tribromophenol	n/a	=	77	%	EPA 8270C	-88	-88	26	117	
2018/19-2	MO-CAM	srgt environ	1/7/2019	Organic	2,4,6-Tribromophenol	n/a	=	40	µg/L	EPA 625	-88	-88			
2018/19-2	MO-CAM	srgt environ, rec	1/7/2019	Organic	2,4,6-Tribromophenol	n/a	=	80	%	EPA 625	-88	-88	25	102	
2018/19-2	MO-CAM	srgt environ	1/11/2019	Organic	2,4,6-Tribromophenol	n/a	=	7.03	µg/L	EPA 8270C	-88	-88			
2018/19-2	MO-CAM	srgt environ, rec	1/11/2019	Organic	2,4,6-Tribromophenol	n/a	=	70	%	EPA 8270C	-88	-88	26	117	
2018/19-2	MO-FIL	srgt environ	1/7/2019	Organic	2,4,6-Tribromophenol	n/a	=	43.2	µg/L	EPA 625	-88	-88			
2018/19-2	MO-FIL	srgt environ, rec	1/7/2019	Organic	2,4,6-Tribromophenol	n/a	=	86	%	EPA 625	-88	-88	25	102	
2018/19-2	MO-FIL	srgt environ	1/11/2019	Organic	2,4,6-Tribromophenol	n/a	=	7.66	µg/L	EPA 8270C	-88	-88			
2018/19-2	MO-FIL	srgt environ, rec	1/11/2019	Organic	2,4,6-Tribromophenol	n/a	=	77	%	EPA 8270C	-88	-88	26	117	
2018/19-2	MO-HUE	srgt environ	1/7/2019	Organic	2,4,6-Tribromophenol	n/a	=	43.1	µg/L	EPA 625	-88	-88			
2018/19-2	MO-HUE	srgt environ, rec	1/7/2019	Organic	2,4,6-Tribromophenol	n/a	=	86	%	EPA 625	-88	-88	25	102	
2018/19-2	MO-HUE	srgt environ	1/11/2019	Organic	2,4,6-Tribromophenol	n/a	=	7.29	µg/L	EPA 8270C	-88	-88			

Appendix F
Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2018/19-2	MO-HUE	srgt environ, rec	1/11/2019	Organic	2,4,6-Tribromophenol	n/a	=	73	%	EPA 8270C	-88	-88	26	117	
2018/19-2	MO-MEI	srgt environ	1/6/2019	Organic	2,4,6-Tribromophenol	n/a	=	34.3	µg/L	EPA 625	-88	-88			
2018/19-2	MO-MEI	srgt environ, rec	1/6/2019	Organic	2,4,6-Tribromophenol	n/a	=	69	%	EPA 625	-88	-88	25	102	
2018/19-2	MO-MEI	srgt environ	1/11/2019	Organic	2,4,6-Tribromophenol	n/a	=	8	µg/L	EPA 8270C	-88	-88			
2018/19-2	MO-MEI	srgt environ, rec	1/11/2019	Organic	2,4,6-Tribromophenol	n/a	=	80	%	EPA 8270C	-88	-88	26	117	
2018/19-2	MO-MPK	srgt environ	1/7/2019	Organic	2,4,6-Tribromophenol	n/a	=	42.2	µg/L	EPA 625	-88	-88			
2018/19-2	MO-MPK	srgt environ, rec	1/7/2019	Organic	2,4,6-Tribromophenol	n/a	=	84	%	EPA 625	-88	-88	25	102	
2018/19-2	MO-MPK	srgt environ	1/11/2019	Organic	2,4,6-Tribromophenol	n/a	=	8.89	µg/L	EPA 8270C	-88	-88			
2018/19-2	MO-MPK	srgt environ, rec	1/11/2019	Organic	2,4,6-Tribromophenol	n/a	=	89	%	EPA 8270C	-88	-88	26	117	
2018/19-2	MO-OJA	srgt environ	1/6/2019	Organic	2,4,6-Tribromophenol	n/a	=	41.1	µg/L	EPA 625	-88	-88			
2018/19-2	MO-OJA	srgt environ, rec	1/6/2019	Organic	2,4,6-Tribromophenol	n/a	=	82	%	EPA 625	-88	-88	25	102	
2018/19-2	MO-OJA	srgt environ	1/11/2019	Organic	2,4,6-Tribromophenol	n/a	=	6.39	µg/L	EPA 8270C	-88	-88			
2018/19-2	MO-OJA	srgt environ, rec	1/11/2019	Organic	2,4,6-Tribromophenol	n/a	=	64	%	EPA 8270C	-88	-88	26	117	
2018/19-2	MO-OXN	srgt environ	1/7/2019	Organic	2,4,6-Tribromophenol	n/a	=	37.2	µg/L	EPA 625	-88	-88			
2018/19-2	MO-OXN	srgt environ, rec	1/7/2019	Organic	2,4,6-Tribromophenol	n/a	=	74	%	EPA 625	-88	-88	25	102	
2018/19-2	MO-OXN	srgt environ	1/11/2019	Organic	2,4,6-Tribromophenol	n/a	=	7.66	µg/L	EPA 8270C	-88	-88			
2018/19-2	MO-OXN	srgt environ, rec	1/11/2019	Organic	2,4,6-Tribromophenol	n/a	=	77	%	EPA 8270C	-88	-88	26	117	
2018/19-2	MO-SIM	srgt environ	1/7/2019	Organic	2,4,6-Tribromophenol	n/a	=	33.2	µg/L	EPA 625	-88	-88			
2018/19-2	MO-SIM	srgt environ, rec	1/7/2019	Organic	2,4,6-Tribromophenol	n/a	=	66	%	EPA 625	-88	-88	25	102	
2018/19-2	MO-SIM	srgt environ	1/11/2019	Organic	2,4,6-Tribromophenol	n/a	=	6.9	µg/L	EPA 8270C	-88	-88			
2018/19-2	MO-SIM	srgt environ, rec	1/11/2019	Organic	2,4,6-Tribromophenol	n/a	=	69	%	EPA 8270C	-88	-88	26	117	
2018/19-2	MO-SPA	srgt environ	1/7/2019	Organic	2,4,6-Tribromophenol	n/a	=	40	µg/L	EPA 625	-88	-88			
2018/19-2	MO-SPA	srgt environ, rec	1/7/2019	Organic	2,4,6-Tribromophenol	n/a	=	80	%	EPA 625	-88	-88	25	102	
2018/19-2	MO-SPA	srgt environ	1/11/2019	Organic	2,4,6-Tribromophenol	n/a	=	8.29	µg/L	EPA 8270C	-88	-88			
2018/19-2	MO-SPA	srgt environ, rec	1/11/2019	Organic	2,4,6-Tribromophenol	n/a	=	83	%	EPA 8270C	-88	-88	26	117	
2018/19-2	MO-THO	srgt environ	1/7/2019	Organic	2,4,6-Tribromophenol	n/a	=	34.4	µg/L	EPA 625	-88	-88			
2018/19-2	MO-THO	srgt environ, rec	1/7/2019	Organic	2,4,6-Tribromophenol	n/a	=	69	%	EPA 625	-88	-88	25	102	
2018/19-2	MO-THO	srgt environ	1/11/2019	Organic	2,4,6-Tribromophenol	n/a	=	8.25	µg/L	EPA 8270C	-88	-88			
2018/19-2	MO-THO	srgt environ, rec	1/11/2019	Organic	2,4,6-Tribromophenol	n/a	=	82	%	EPA 8270C	-88	-88	26	117	
2018/19-2	MO-VEN	srgt environ	1/7/2019	Organic	2,4,6-Tribromophenol	n/a	=	38.5	µg/L	EPA 625	-88	-88			
2018/19-2	MO-VEN	srgt environ, rec	1/7/2019	Organic	2,4,6-Tribromophenol	n/a	=	77	%	EPA 625	-88	-88	25	102	
2018/19-2	MO-VEN	srgt environ	1/11/2019	Organic	2,4,6-Tribromophenol	n/a	=	5.71	µg/L	EPA 8270C	-88	-88			
2018/19-2	MO-VEN	srgt environ, rec	1/11/2019	Organic	2,4,6-Tribromophenol	n/a	=	57	%	EPA 8270C	-88	-88	26	117	
2018/19-2	Lab	method blank	1/6/2019	Organic	2,4,6-Trichlorophenol	n/a	<	0.22	µg/L	EPA 625	0.22	1			
2018/19-2	Lab	LCS	1/6/2019	Organic	2,4,6-Trichlorophenol	n/a	=	20.3	µg/L	EPA 625	0.22	1			
2018/19-2	Lab	LCS, rec	1/6/2019	Organic	2,4,6-Trichlorophenol	n/a	=	81	%	EPA 625	-88	-88	37	144	
2018/19-2	Lab	LCS dup	1/6/2019	Organic	2,4,6-Trichlorophenol	n/a	=	18	µg/L	EPA 625	0.22	1			
2018/19-2	Lab	LCS dup, rec	1/6/2019	Organic	2,4,6-Trichlorophenol	n/a	=	72	%	EPA 625	-88	-88	37	144	
2018/19-2	Lab	LCS, RPD	1/6/2019	Organic	2,4,6-Trichlorophenol	n/a	=	12	%	EPA 625	-88	-88	0	30	
2018/19-2	Lab	method blank	1/10/2019	Organic	2,4,6-Trichlorophenol	n/a	<	0.3	µg/L	EPA 8270C	0.3	1			
2018/19-2	Lab	LCS	1/10/2019	Organic	2,4,6-Trichlorophenol	n/a	=	7.12	µg/L	EPA 8270C	0.3	1			
2018/19-2	Lab	LCS, rec	1/10/2019	Organic	2,4,6-Trichlorophenol	n/a	=	71	%	EPA 8270C	-88	-88	30	115	
2018/19-2	Lab	LCS dup	1/10/2019	Organic	2,4,6-Trichlorophenol	n/a	=	7.45	µg/L	EPA 8270C	0.3	1			
2018/19-2	Lab	LCS dup, rec	1/10/2019	Organic	2,4,6-Trichlorophenol	n/a	=	74	%	EPA 8270C	-88	-88	30	115	
2018/19-2	Lab	LCS, RPD	1/10/2019	Organic	2,4,6-Trichlorophenol	n/a	=	5	%	EPA 8270C	-88	-88	0	30	
2018/19-2	Lab	method blank	1/6/2019	Organic	2,4-Dichlorophenol	n/a	<	0.26	µg/L	EPA 625	0.26	1			
2018/19-2	Lab	LCS	1/6/2019	Organic	2,4-Dichlorophenol	n/a	=	22.6	µg/L	EPA 625	0.26	1			

Appendix F
Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2018/19-2	Lab	LCS, rec	1/6/2019	Organic	2,4-Dichlorophenol	n/a	=	90	%	EPA 625	-88	-88	39	135	
2018/19-2	Lab	LCS dup	1/6/2019	Organic	2,4-Dichlorophenol	n/a	=	20.1	µg/L	EPA 625	0.26	1			
2018/19-2	Lab	LCS dup, rec	1/6/2019	Organic	2,4-Dichlorophenol	n/a	=	81	%	EPA 625	-88	-88	39	135	
2018/19-2	Lab	LCS, RPD	1/6/2019	Organic	2,4-Dichlorophenol	n/a	=	12	%	EPA 625	-88	-88	0	30	
2018/19-2	Lab	method blank	1/10/2019	Organic	2,4-Dichlorophenol	n/a	<	0.51	µg/L	EPA 8270C	0.51	1			
2018/19-2	Lab	LCS	1/10/2019	Organic	2,4-Dichlorophenol	n/a	=	7.47	µg/L	EPA 8270C	0.51	1			
2018/19-2	Lab	LCS, rec	1/10/2019	Organic	2,4-Dichlorophenol	n/a	=	75	%	EPA 8270C	-88	-88	32	105	
2018/19-2	Lab	LCS dup	1/10/2019	Organic	2,4-Dichlorophenol	n/a	=	7.43	µg/L	EPA 8270C	0.51	1			
2018/19-2	Lab	LCS dup, rec	1/10/2019	Organic	2,4-Dichlorophenol	n/a	=	74	%	EPA 8270C	-88	-88	32	105	
2018/19-2	Lab	LCS, RPD	1/10/2019	Organic	2,4-Dichlorophenol	n/a	=	0.5	%	EPA 8270C	-88	-88	0	30	
2018/19-2	000NONPJ	srgt matrix spike	12/18/2018	Organic	2,4-Dichlorophenylacetic acid	n/a	=	10.4	µg/L	EPA 515.3	-88	-88			
2018/19-2	000NONPJ	srgt matrix spike, rec	12/18/2018	Organic	2,4-Dichlorophenylacetic acid	n/a	=	104	%	EPA 515.3	-88	-88	70	130	
2018/19-2	000NONPJ	srgt matrix spike dup	12/18/2018	Organic	2,4-Dichlorophenylacetic acid	n/a	=	10.3	µg/L	EPA 515.3	-88	-88			
2018/19-2	000NONPJ	srgt matrix spike dup, rec	12/18/2018	Organic	2,4-Dichlorophenylacetic acid	n/a	=	103	%	EPA 515.3	-88	-88	70	130	
2018/19-2	000NONPJ	srgt matrix spike	12/18/2018	Organic	2,4-Dichlorophenylacetic acid	n/a	=	10.3	µg/L	EPA 515.3	-88	-88			
2018/19-2	000NONPJ	srgt matrix spike, rec	12/18/2018	Organic	2,4-Dichlorophenylacetic acid	n/a	=	103	%	EPA 515.3	-88	-88	70	130	
2018/19-2	000NONPJ	srgt matrix spike dup	12/18/2018	Organic	2,4-Dichlorophenylacetic acid	n/a	=	9.27	µg/L	EPA 515.3	-88	-88			
2018/19-2	000NONPJ	srgt matrix spike dup, rec	12/18/2018	Organic	2,4-Dichlorophenylacetic acid	n/a	=	93	%	EPA 515.3	-88	-88	70	130	
2018/19-2	Lab	srgt method blank	12/18/2018	Organic	2,4-Dichlorophenylacetic acid	n/a	=	9.96	µg/L	EPA 515.3	-88	-88			
2018/19-2	Lab	srgt method blank, rec	12/18/2018	Organic	2,4-Dichlorophenylacetic acid	n/a	=	100	%	EPA 515.3	-88	-88	70	130	
2018/19-2	Lab	srgt LCS	12/18/2018	Organic	2,4-Dichlorophenylacetic acid	n/a	=	10.6	µg/L	EPA 515.3	-88	-88			
2018/19-2	Lab	srgt LCS, rec	12/18/2018	Organic	2,4-Dichlorophenylacetic acid	n/a	=	106	%	EPA 515.3	-88	-88	70	130	
2018/19-2	Lab	srgt method blank	12/28/2018	Organic	2,4-Dichlorophenylacetic acid	n/a	=	10.6	µg/L	EPA 515.3	-88	-88			
2018/19-2	Lab	srgt method blank, rec	12/28/2018	Organic	2,4-Dichlorophenylacetic acid	n/a	=	106	%	EPA 515.3	-88	-88	70	130	
2018/19-2	Lab	srgt LCS	12/28/2018	Organic	2,4-Dichlorophenylacetic acid	n/a	=	11.1	µg/L	EPA 515.3	-88	-88			
2018/19-2	Lab	srgt LCS, rec	12/28/2018	Organic	2,4-Dichlorophenylacetic acid	n/a	=	111	%	EPA 515.3	-88	-88	70	130	
2018/19-2	ME-CC	srgt environ	12/19/2018	Organic	2,4-Dichlorophenylacetic acid	n/a	=	10.3	µg/L	EPA 515.3	-88	-88			
2018/19-2	ME-CC	srgt environ, rec	12/19/2018	Organic	2,4-Dichlorophenylacetic acid	n/a	=	103	%	EPA 515.3	-88	-88	70	130	
2018/19-2	ME-SCR	srgt environ	12/19/2018	Organic	2,4-Dichlorophenylacetic acid	n/a	=	10.2	µg/L	EPA 515.3	-88	-88			
2018/19-2	ME-SCR	srgt environ, rec	12/19/2018	Organic	2,4-Dichlorophenylacetic acid	n/a	=	102	%	EPA 515.3	-88	-88	70	130	
2018/19-2	ME-VR2	srgt environ	12/27/2018	Organic	2,4-Dichlorophenylacetic acid	n/a	=	11	µg/L	EPA 515.3	-88	-88			
2018/19-2	ME-VR2	srgt environ, rec	12/27/2018	Organic	2,4-Dichlorophenylacetic acid	n/a	=	110	%	EPA 515.3	-88	-88	70	130	
2018/19-2	ME-VR2	srgt matrix spike	12/28/2018	Organic	2,4-Dichlorophenylacetic acid	n/a	=	11.1	µg/L	EPA 515.3	-88	-88			
2018/19-2	ME-VR2	srgt matrix spike, rec	12/28/2018	Organic	2,4-Dichlorophenylacetic acid	n/a	=	111	%	EPA 515.3	-88	-88	70	130	
2018/19-2	ME-VR2	srgt matrix spike dup	12/28/2018	Organic	2,4-Dichlorophenylacetic acid	n/a	=	11.4	µg/L	EPA 515.3	-88	-88			
2018/19-2	ME-VR2	srgt matrix spike dup, rec	12/28/2018	Organic	2,4-Dichlorophenylacetic acid	n/a	=	114	%	EPA 515.3	-88	-88	70	130	
2018/19-2	MO-CAM	srgt environ	12/27/2018	Organic	2,4-Dichlorophenylacetic acid	n/a	=	10.4	µg/L	EPA 515.3	-88	-88			
2018/19-2	MO-CAM	srgt environ, rec	12/27/2018	Organic	2,4-Dichlorophenylacetic acid	n/a	=	104	%	EPA 515.3	-88	-88	70	130	
2018/19-2	MO-CAM	srgt matrix spike	12/28/2018	Organic	2,4-Dichlorophenylacetic acid	n/a	=	11	µg/L	EPA 515.3	-88	-88			
2018/19-2	MO-CAM	srgt matrix spike, rec	12/28/2018	Organic	2,4-Dichlorophenylacetic acid	n/a	=	110	%	EPA 515.3	-88	-88	70	130	
2018/19-2	MO-CAM	srgt matrix spike dup	12/28/2018	Organic	2,4-Dichlorophenylacetic acid	n/a	=	11.1	µg/L	EPA 515.3	-88	-88			
2018/19-2	MO-CAM	srgt matrix spike dup, rec	12/28/2018	Organic	2,4-Dichlorophenylacetic acid	n/a	=	111	%	EPA 515.3	-88	-88	70	130	
2018/19-2	MO-FIL	srgt environ	12/27/2018	Organic	2,4-Dichlorophenylacetic acid	n/a	=	11.9	µg/L	EPA 515.3	-88	-88			
2018/19-2	MO-FIL	srgt environ, rec	12/27/2018	Organic	2,4-Dichlorophenylacetic acid	n/a	=	119	%	EPA 515.3	-88	-88	70	130	
2018/19-2	MO-HUE	srgt environ	12/28/2018	Organic	2,4-Dichlorophenylacetic acid	n/a	=	11	µg/L	EPA 515.3	-88	-88			H
2018/19-2	MO-HUE	srgt environ, rec	12/28/2018	Organic	2,4-Dichlorophenylacetic acid	n/a	=	110	%	EPA 515.3	-88	-88	70	130	H
2018/19-2	MO-MEI	srgt environ	12/19/2018	Organic	2,4-Dichlorophenylacetic acid	n/a	=	10.1	µg/L	EPA 515.3	-88	-88			

Appendix F
Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2018/19-2	MO-MEI	srgt environ, rec	12/19/2018	Organic	2,4-Dichlorophenylacetic acid	n/a	=	101	%	EPA 515.3	-88	-88	70	130	
2018/19-2	MO-MPK	srgt environ	12/27/2018	Organic	2,4-Dichlorophenylacetic acid	n/a	=	10.1	µg/L	EPA 515.3	-88	-88			
2018/19-2	MO-MPK	srgt environ, rec	12/27/2018	Organic	2,4-Dichlorophenylacetic acid	n/a	=	101	%	EPA 515.3	-88	-88	70	130	
2018/19-2	MO-OJA	srgt environ	12/19/2018	Organic	2,4-Dichlorophenylacetic acid	n/a	=	10.3	µg/L	EPA 515.3	-88	-88			
2018/19-2	MO-OJA	srgt environ, rec	12/19/2018	Organic	2,4-Dichlorophenylacetic acid	n/a	=	103	%	EPA 515.3	-88	-88	70	130	
2018/19-2	MO-OXN	srgt environ	12/27/2018	Organic	2,4-Dichlorophenylacetic acid	n/a	=	10.9	µg/L	EPA 515.3	-88	-88			
2018/19-2	MO-OXN	srgt environ, rec	12/27/2018	Organic	2,4-Dichlorophenylacetic acid	n/a	=	109	%	EPA 515.3	-88	-88	70	130	
2018/19-2	MO-SIM	srgt environ	12/27/2018	Organic	2,4-Dichlorophenylacetic acid	n/a	=	12	µg/L	EPA 515.3	-88	-88			
2018/19-2	MO-SIM	srgt environ, rec	12/27/2018	Organic	2,4-Dichlorophenylacetic acid	n/a	=	120	%	EPA 515.3	-88	-88	70	130	
2018/19-2	MO-SPA	srgt environ	12/27/2018	Organic	2,4-Dichlorophenylacetic acid	n/a	=	10.5	µg/L	EPA 515.3	-88	-88			
2018/19-2	MO-SPA	srgt environ, rec	12/27/2018	Organic	2,4-Dichlorophenylacetic acid	n/a	=	105	%	EPA 515.3	-88	-88	70	130	
2018/19-2	MO-THO	srgt environ	12/27/2018	Organic	2,4-Dichlorophenylacetic acid	n/a	=	10.7	µg/L	EPA 515.3	-88	-88			
2018/19-2	MO-THO	srgt environ, rec	12/27/2018	Organic	2,4-Dichlorophenylacetic acid	n/a	=	107	%	EPA 515.3	-88	-88	70	130	
2018/19-2	MO-VEN	srgt environ	12/27/2018	Organic	2,4-Dichlorophenylacetic acid	n/a	=	10.5	µg/L	EPA 515.3	-88	-88			
2018/19-2	MO-VEN	srgt environ, rec	12/27/2018	Organic	2,4-Dichlorophenylacetic acid	n/a	=	105	%	EPA 515.3	-88	-88	70	130	
2018/19-2	Lab	method blank	1/6/2019	Organic	2,4-Dimethylphenol	n/a	<	0.3	µg/L	EPA 625	0.3	1			
2018/19-2	Lab	LCS	1/6/2019	Organic	2,4-Dimethylphenol	n/a	=	20.2	µg/L	EPA 625	0.3	1			
2018/19-2	Lab	LCS, rec	1/6/2019	Organic	2,4-Dimethylphenol	n/a	=	81	%	EPA 625	-88	-88	32	119	
2018/19-2	Lab	LCS dup	1/6/2019	Organic	2,4-Dimethylphenol	n/a	=	18.4	µg/L	EPA 625	0.3	1			
2018/19-2	Lab	LCS dup, rec	1/6/2019	Organic	2,4-Dimethylphenol	n/a	=	74	%	EPA 625	-88	-88	32	119	
2018/19-2	Lab	LCS, RPD	1/6/2019	Organic	2,4-Dimethylphenol	n/a	=	9	%	EPA 625	-88	-88	0	30	
2018/19-2	Lab	method blank	1/10/2019	Organic	2,4-Dimethylphenol	n/a	<	1	µg/L	EPA 8270C	1	2			
2018/19-2	Lab	LCS	1/10/2019	Organic	2,4-Dimethylphenol	n/a	=	7.66	µg/L	EPA 8270C	1	2			
2018/19-2	Lab	LCS, rec	1/10/2019	Organic	2,4-Dimethylphenol	n/a	=	77	%	EPA 8270C	-88	-88	31	97	
2018/19-2	Lab	LCS dup	1/10/2019	Organic	2,4-Dimethylphenol	n/a	=	7.23	µg/L	EPA 8270C	1	2			
2018/19-2	Lab	LCS dup, rec	1/10/2019	Organic	2,4-Dimethylphenol	n/a	=	72	%	EPA 8270C	-88	-88	31	97	
2018/19-2	Lab	LCS, RPD	1/10/2019	Organic	2,4-Dimethylphenol	n/a	=	6	%	EPA 8270C	-88	-88	0	30	
2018/19-2	Lab	method blank	1/6/2019	Organic	2,4-Dinitrophenol	n/a	<	1.6	µg/L	EPA 625	1.6	10			
2018/19-2	Lab	LCS	1/6/2019	Organic	2,4-Dinitrophenol	n/a	=	35.5	µg/L	EPA 625	1.6	10			
2018/19-2	Lab	LCS, rec	1/6/2019	Organic	2,4-Dinitrophenol	n/a	=	142	%	EPA 625	-88	-88	0.1	191	
2018/19-2	Lab	LCS dup	1/6/2019	Organic	2,4-Dinitrophenol	n/a	=	32.6	µg/L	EPA 625	1.6	10			
2018/19-2	Lab	LCS dup, rec	1/6/2019	Organic	2,4-Dinitrophenol	n/a	=	131	%	EPA 625	-88	-88	0.1	191	
2018/19-2	Lab	LCS, RPD	1/6/2019	Organic	2,4-Dinitrophenol	n/a	=	8	%	EPA 625	-88	-88	0	30	
2018/19-2	Lab	method blank	1/10/2019	Organic	2,4-Dinitrophenol	n/a	<	1	µg/L	EPA 8270C	1	2			
2018/19-2	Lab	LCS	1/10/2019	Organic	2,4-Dinitrophenol	n/a	=	11.6	µg/L	EPA 8270C	1	2			
2018/19-2	Lab	LCS, rec	1/10/2019	Organic	2,4-Dinitrophenol	n/a	=	116	%	EPA 8270C	-88	-88	7	155	
2018/19-2	Lab	LCS dup	1/10/2019	Organic	2,4-Dinitrophenol	n/a	=	11.7	µg/L	EPA 8270C	1	2			
2018/19-2	Lab	LCS dup, rec	1/10/2019	Organic	2,4-Dinitrophenol	n/a	=	117	%	EPA 8270C	-88	-88	7	155	
2018/19-2	Lab	LCS, RPD	1/10/2019	Organic	2,4-Dinitrophenol	n/a	=	0.8	%	EPA 8270C	-88	-88	0	30	
2018/19-2	Lab	method blank	1/6/2019	Organic	2,4-Dinitrotoluene	n/a	<	0.18	µg/L	EPA 625	0.18	1			
2018/19-2	Lab	LCS	1/6/2019	Organic	2,4-Dinitrotoluene	n/a	=	22.8	µg/L	EPA 625	0.18	1			
2018/19-2	Lab	LCS, rec	1/6/2019	Organic	2,4-Dinitrotoluene	n/a	=	91	%	EPA 625	-88	-88	39	139	
2018/19-2	Lab	LCS dup	1/6/2019	Organic	2,4-Dinitrotoluene	n/a	=	21.4	µg/L	EPA 625	0.18	1			
2018/19-2	Lab	LCS dup, rec	1/6/2019	Organic	2,4-Dinitrotoluene	n/a	=	86	%	EPA 625	-88	-88	39	139	
2018/19-2	Lab	LCS, RPD	1/6/2019	Organic	2,4-Dinitrotoluene	n/a	=	6	%	EPA 625	-88	-88	0	30	
2018/19-2	Lab	method blank	1/6/2019	Organic	2,6-Dinitrotoluene	n/a	<	0.27	µg/L	EPA 625	0.27	1			
2018/19-2	Lab	LCS	1/6/2019	Organic	2,6-Dinitrotoluene	n/a	=	20.4	µg/L	EPA 625	0.27	1			

Appendix F
Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2018/19-2	Lab	LCS, rec	1/6/2019	Organic	2,6-Dinitrotoluene	n/a	=	82	%	EPA 625	-88	-88	50	158	
2018/19-2	Lab	LCS dup	1/6/2019	Organic	2,6-Dinitrotoluene	n/a	=	18.8	µg/L	EPA 625	0.27	1			
2018/19-2	Lab	LCS dup, rec	1/6/2019	Organic	2,6-Dinitrotoluene	n/a	=	75	%	EPA 625	-88	-88	50	158	
2018/19-2	Lab	LCS, RPD	1/6/2019	Organic	2,6-Dinitrotoluene	n/a	=	8	%	EPA 625	-88	-88	0	30	
2018/19-2	Lab	LCS	12/3/2018	Organic	2-Chloroethyl vinyl ether	n/a	=	37.4	µg/L	EPA 624	0.28	1			
2018/19-2	Lab	LCS, rec	12/3/2018	Organic	2-Chloroethyl vinyl ether	n/a	=	75	%	EPA 624	-88	-88	0.1	305	
2018/19-2	Lab	LCS dup	12/3/2018	Organic	2-Chloroethyl vinyl ether	n/a	=	43.6	µg/L	EPA 624	0.28	1			
2018/19-2	Lab	LCS dup, rec	12/3/2018	Organic	2-Chloroethyl vinyl ether	n/a	=	87	%	EPA 624	-88	-88	0.1	305	
2018/19-2	Lab	LCS, RPD	12/3/2018	Organic	2-Chloroethyl vinyl ether	n/a	=	15	%	EPA 624	-88	-88	0	25	
2018/19-2	Lab	method blank	12/3/2018	Organic	2-Chloroethyl vinyl ether	n/a	<	0.28	µg/L	EPA 624	0.28	1			
2018/19-2	ME-CC	field blank	12/4/2018	Organic	2-Chloroethyl vinyl ether	n/a	<	0.28	µg/L	EPA 624	0.28	1			
2018/19-2	MO-FIL	field duplicate	12/3/2018	Organic	2-Chloroethyl vinyl ether	n/a	<	0.28	µg/L	EPA 624	0.28	1			
2018/19-2	Lab	method blank	1/6/2019	Organic	2-Chloronaphthalene	n/a	<	0.45	µg/L	EPA 625	0.45	1			
2018/19-2	Lab	LCS	1/6/2019	Organic	2-Chloronaphthalene	n/a	=	19.5	µg/L	EPA 625	0.45	1			
2018/19-2	Lab	LCS, rec	1/6/2019	Organic	2-Chloronaphthalene	n/a	=	78	%	EPA 625	-88	-88	60	118	
2018/19-2	Lab	LCS dup	1/6/2019	Organic	2-Chloronaphthalene	n/a	=	17.5	µg/L	EPA 625	0.45	1			
2018/19-2	Lab	LCS dup, rec	1/6/2019	Organic	2-Chloronaphthalene	n/a	=	70	%	EPA 625	-88	-88	60	118	
2018/19-2	Lab	LCS, RPD	1/6/2019	Organic	2-Chloronaphthalene	n/a	=	11	%	EPA 625	-88	-88	0	30	
2018/19-2	Lab	method blank	1/6/2019	Organic	2-Chlorophenol	n/a	<	0.28	µg/L	EPA 625	0.28	1			
2018/19-2	Lab	LCS	1/6/2019	Organic	2-Chlorophenol	n/a	=	17.8	µg/L	EPA 625	0.28	1			
2018/19-2	Lab	LCS, rec	1/6/2019	Organic	2-Chlorophenol	n/a	=	71	%	EPA 625	-88	-88	23	134	
2018/19-2	Lab	LCS dup	1/6/2019	Organic	2-Chlorophenol	n/a	=	15.7	µg/L	EPA 625	0.28	1			
2018/19-2	Lab	LCS dup, rec	1/6/2019	Organic	2-Chlorophenol	n/a	=	63	%	EPA 625	-88	-88	23	134	
2018/19-2	Lab	LCS, RPD	1/6/2019	Organic	2-Chlorophenol	n/a	=	12	%	EPA 625	-88	-88	0	30	
2018/19-2	Lab	method blank	1/10/2019	Organic	2-Chlorophenol	n/a	<	0.65	µg/L	EPA 8270C	0.65	1			
2018/19-2	Lab	LCS	1/10/2019	Organic	2-Chlorophenol	n/a	=	7.29	µg/L	EPA 8270C	0.65	1			
2018/19-2	Lab	LCS, rec	1/10/2019	Organic	2-Chlorophenol	n/a	=	73	%	EPA 8270C	-88	-88	27	90	
2018/19-2	Lab	LCS dup	1/10/2019	Organic	2-Chlorophenol	n/a	=	7.24	µg/L	EPA 8270C	0.65	1			
2018/19-2	Lab	LCS dup, rec	1/10/2019	Organic	2-Chlorophenol	n/a	=	72	%	EPA 8270C	-88	-88	27	90	
2018/19-2	Lab	LCS, RPD	1/10/2019	Organic	2-Chlorophenol	n/a	=	0.6	%	EPA 8270C	-88	-88	0	30	
2018/19-2	Lab	srgt method blank	1/6/2019	Organic	2-Fluorobiphenyl	n/a	=	17.3	µg/L	EPA 625	-88	-88			
2018/19-2	Lab	srgt method blank, rec	1/6/2019	Organic	2-Fluorobiphenyl	n/a	=	69	%	EPA 625	-88	-88	22	107	
2018/19-2	Lab	srgt LCS	1/6/2019	Organic	2-Fluorobiphenyl	n/a	=	18.3	µg/L	EPA 625	-88	-88			
2018/19-2	Lab	srgt LCS, rec	1/6/2019	Organic	2-Fluorobiphenyl	n/a	=	73	%	EPA 625	-88	-88	22	107	
2018/19-2	Lab	srgt LCS dup	1/6/2019	Organic	2-Fluorobiphenyl	n/a	=	16.4	µg/L	EPA 625	-88	-88			
2018/19-2	Lab	srgt LCS dup, rec	1/6/2019	Organic	2-Fluorobiphenyl	n/a	=	66	%	EPA 625	-88	-88	22	107	
2018/19-2	Lab	srgt method blank	1/11/2019	Organic	2-Fluorobiphenyl	n/a	=	3.58	µg/L	EPA 8270C	-88	-88			
2018/19-2	Lab	srgt method blank, rec	1/11/2019	Organic	2-Fluorobiphenyl	n/a	=	72	%	EPA 8270C	-88	-88	51	139	
2018/19-2	Lab	srgt LCS	1/11/2019	Organic	2-Fluorobiphenyl	n/a	=	3.84	µg/L	EPA 8270C	-88	-88			
2018/19-2	Lab	srgt LCS, rec	1/11/2019	Organic	2-Fluorobiphenyl	n/a	=	77	%	EPA 8270C	-88	-88	51	139	
2018/19-2	Lab	srgt LCS dup	1/11/2019	Organic	2-Fluorobiphenyl	n/a	=	3.89	µg/L	EPA 8270C	-88	-88			
2018/19-2	Lab	srgt LCS dup, rec	1/11/2019	Organic	2-Fluorobiphenyl	n/a	=	78	%	EPA 8270C	-88	-88	51	139	
2018/19-2	ME-CC	srgt environ	1/7/2019	Organic	2-Fluorobiphenyl	n/a	=	14.2	µg/L	EPA 625	-88	-88			
2018/19-2	ME-CC	srgt environ, rec	1/7/2019	Organic	2-Fluorobiphenyl	n/a	=	57	%	EPA 625	-88	-88	22	107	
2018/19-2	ME-CC	srgt environ	1/11/2019	Organic	2-Fluorobiphenyl	n/a	=	3.36	µg/L	EPA 8270C	-88	-88			
2018/19-2	ME-CC	srgt environ, rec	1/11/2019	Organic	2-Fluorobiphenyl	n/a	=	67	%	EPA 8270C	-88	-88	51	139	
2018/19-2	ME-SCR	srgt environ	1/7/2019	Organic	2-Fluorobiphenyl	n/a	=	154	µg/L	EPA 625	-88	-88			

Appendix F
Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2018/19-2	ME-SCR	srgt environ, rec	1/7/2019	Organic	2-Fluorobiphenyl	n/a	=	62	%	EPA 625	-88	-88	22	107	
2018/19-2	ME-SCR	srgt environ	1/11/2019	Organic	2-Fluorobiphenyl	n/a	=	35.3	µg/L	EPA 8270C	-88	-88			
2018/19-2	ME-SCR	srgt environ, rec	1/11/2019	Organic	2-Fluorobiphenyl	n/a	=	71	%	EPA 8270C	-88	-88	51	139	
2018/19-2	ME-VR2	srgt environ	1/7/2019	Organic	2-Fluorobiphenyl	n/a	=	16.8	µg/L	EPA 625	-88	-88			
2018/19-2	ME-VR2	srgt environ, rec	1/7/2019	Organic	2-Fluorobiphenyl	n/a	=	67	%	EPA 625	-88	-88	22	107	
2018/19-2	ME-VR2	srgt environ	1/11/2019	Organic	2-Fluorobiphenyl	n/a	=	4	µg/L	EPA 8270C	-88	-88			
2018/19-2	ME-VR2	srgt environ, rec	1/11/2019	Organic	2-Fluorobiphenyl	n/a	=	80	%	EPA 8270C	-88	-88	51	139	
2018/19-2	MO-CAM	srgt environ	1/7/2019	Organic	2-Fluorobiphenyl	n/a	=	16.2	µg/L	EPA 625	-88	-88			
2018/19-2	MO-CAM	srgt environ, rec	1/7/2019	Organic	2-Fluorobiphenyl	n/a	=	65	%	EPA 625	-88	-88	22	107	
2018/19-2	MO-CAM	srgt environ	1/11/2019	Organic	2-Fluorobiphenyl	n/a	=	3.27	µg/L	EPA 8270C	-88	-88			
2018/19-2	MO-CAM	srgt environ, rec	1/11/2019	Organic	2-Fluorobiphenyl	n/a	=	65	%	EPA 8270C	-88	-88	51	139	
2018/19-2	MO-FIL	srgt environ	1/7/2019	Organic	2-Fluorobiphenyl	n/a	=	17.4	µg/L	EPA 625	-88	-88			
2018/19-2	MO-FIL	srgt environ, rec	1/7/2019	Organic	2-Fluorobiphenyl	n/a	=	69	%	EPA 625	-88	-88	22	107	
2018/19-2	MO-FIL	srgt environ	1/11/2019	Organic	2-Fluorobiphenyl	n/a	=	3.21	µg/L	EPA 8270C	-88	-88			
2018/19-2	MO-FIL	srgt environ, rec	1/11/2019	Organic	2-Fluorobiphenyl	n/a	=	64	%	EPA 8270C	-88	-88	51	139	
2018/19-2	MO-HUE	srgt environ	1/7/2019	Organic	2-Fluorobiphenyl	n/a	=	19.2	µg/L	EPA 625	-88	-88			
2018/19-2	MO-HUE	srgt environ, rec	1/7/2019	Organic	2-Fluorobiphenyl	n/a	=	77	%	EPA 625	-88	-88	22	107	
2018/19-2	MO-HUE	srgt environ	1/12/2019	Organic	2-Fluorobiphenyl	n/a	=	2.95	µg/L	EPA 8270C	-88	-88			
2018/19-2	MO-HUE	srgt environ, rec	1/12/2019	Organic	2-Fluorobiphenyl	n/a	=	59	%	EPA 8270C	-88	-88	51	139	
2018/19-2	MO-MEI	srgt environ	1/6/2019	Organic	2-Fluorobiphenyl	n/a	=	13.9	µg/L	EPA 625	-88	-88			
2018/19-2	MO-MEI	srgt environ, rec	1/6/2019	Organic	2-Fluorobiphenyl	n/a	=	56	%	EPA 625	-88	-88	22	107	
2018/19-2	MO-MEI	srgt environ	1/11/2019	Organic	2-Fluorobiphenyl	n/a	=	3.23	µg/L	EPA 8270C	-88	-88			
2018/19-2	MO-MEI	srgt environ, rec	1/11/2019	Organic	2-Fluorobiphenyl	n/a	=	65	%	EPA 8270C	-88	-88	51	139	
2018/19-2	MO-MPK	srgt environ	1/7/2019	Organic	2-Fluorobiphenyl	n/a	=	16.5	µg/L	EPA 625	-88	-88			
2018/19-2	MO-MPK	srgt environ, rec	1/7/2019	Organic	2-Fluorobiphenyl	n/a	=	66	%	EPA 625	-88	-88	22	107	
2018/19-2	MO-MPK	srgt environ	1/12/2019	Organic	2-Fluorobiphenyl	n/a	=	3.54	µg/L	EPA 8270C	-88	-88			
2018/19-2	MO-MPK	srgt environ, rec	1/12/2019	Organic	2-Fluorobiphenyl	n/a	=	71	%	EPA 8270C	-88	-88	51	139	
2018/19-2	MO-OJA	srgt environ	1/6/2019	Organic	2-Fluorobiphenyl	n/a	=	17.2	µg/L	EPA 625	-88	-88			
2018/19-2	MO-OJA	srgt environ, rec	1/6/2019	Organic	2-Fluorobiphenyl	n/a	=	69	%	EPA 625	-88	-88	22	107	
2018/19-2	MO-OJA	srgt environ	1/11/2019	Organic	2-Fluorobiphenyl	n/a	=	2.82	µg/L	EPA 8270C	-88	-88			
2018/19-2	MO-OJA	srgt environ, rec	1/11/2019	Organic	2-Fluorobiphenyl	n/a	=	56	%	EPA 8270C	-88	-88	51	139	
2018/19-2	MO-OXN	srgt environ	1/7/2019	Organic	2-Fluorobiphenyl	n/a	=	16.4	µg/L	EPA 625	-88	-88			
2018/19-2	MO-OXN	srgt environ, rec	1/7/2019	Organic	2-Fluorobiphenyl	n/a	=	66	%	EPA 625	-88	-88	22	107	
2018/19-2	MO-OXN	srgt environ	1/12/2019	Organic	2-Fluorobiphenyl	n/a	=	3.38	µg/L	EPA 8270C	-88	-88			
2018/19-2	MO-OXN	srgt environ, rec	1/12/2019	Organic	2-Fluorobiphenyl	n/a	=	68	%	EPA 8270C	-88	-88	51	139	
2018/19-2	MO-SIM	srgt environ	1/7/2019	Organic	2-Fluorobiphenyl	n/a	=	12.5	µg/L	EPA 625	-88	-88			
2018/19-2	MO-SIM	srgt environ, rec	1/7/2019	Organic	2-Fluorobiphenyl	n/a	=	50	%	EPA 625	-88	-88	22	107	
2018/19-2	MO-SIM	srgt environ	1/12/2019	Organic	2-Fluorobiphenyl	n/a	=	2.98	µg/L	EPA 8270C	-88	-88			
2018/19-2	MO-SIM	srgt environ, rec	1/12/2019	Organic	2-Fluorobiphenyl	n/a	=	60	%	EPA 8270C	-88	-88	51	139	
2018/19-2	MO-SPA	srgt environ	1/7/2019	Organic	2-Fluorobiphenyl	n/a	=	15.8	µg/L	EPA 625	-88	-88			
2018/19-2	MO-SPA	srgt environ, rec	1/7/2019	Organic	2-Fluorobiphenyl	n/a	=	63	%	EPA 625	-88	-88	22	107	
2018/19-2	MO-SPA	srgt environ	1/11/2019	Organic	2-Fluorobiphenyl	n/a	=	3.38	µg/L	EPA 8270C	-88	-88			
2018/19-2	MO-SPA	srgt environ, rec	1/11/2019	Organic	2-Fluorobiphenyl	n/a	=	68	%	EPA 8270C	-88	-88	51	139	
2018/19-2	MO-THO	srgt environ	1/7/2019	Organic	2-Fluorobiphenyl	n/a	=	13.2	µg/L	EPA 625	-88	-88			
2018/19-2	MO-THO	srgt environ, rec	1/7/2019	Organic	2-Fluorobiphenyl	n/a	=	53	%	EPA 625	-88	-88	22	107	
2018/19-2	MO-THO	srgt environ	1/12/2019	Organic	2-Fluorobiphenyl	n/a	=	3.28	µg/L	EPA 8270C	-88	-88			
2018/19-2	MO-THO	srgt environ, rec	1/12/2019	Organic	2-Fluorobiphenyl	n/a	=	66	%	EPA 8270C	-88	-88	51	139	

Appendix F
Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2018/19-2	MO-VEN	srgt environ	1/7/2019	Organic	2-Fluorobiphenyl	n/a	=	14.9	µg/L	EPA 625	-88	-88			
2018/19-2	MO-VEN	srgt environ, rec	1/7/2019	Organic	2-Fluorobiphenyl	n/a	=	60	%	EPA 625	-88	-88	22	107	
2018/19-2	MO-VEN	srgt environ	1/11/2019	Organic	2-Fluorobiphenyl	n/a	=	2.72	µg/L	EPA 8270C	-88	-88			
2018/19-2	MO-VEN	srgt environ, rec	1/11/2019	Organic	2-Fluorobiphenyl	n/a	=	54	%	EPA 8270C	-88	-88	51	139	
2018/19-2	Lab	srgt method blank	1/6/2019	Organic	2-Fluorophenol	n/a	=	21.3	µg/L	EPA 625	-88	-88			
2018/19-2	Lab	srgt method blank, rec	1/6/2019	Organic	2-Fluorophenol	n/a	=	43	%	EPA 625	-88	-88	3	74	
2018/19-2	Lab	srgt LCS	1/6/2019	Organic	2-Fluorophenol	n/a	=	20.3	µg/L	EPA 625	-88	-88			
2018/19-2	Lab	srgt LCS, rec	1/6/2019	Organic	2-Fluorophenol	n/a	=	41	%	EPA 625	-88	-88	3	74	
2018/19-2	Lab	srgt LCS dup	1/6/2019	Organic	2-Fluorophenol	n/a	=	18.4	µg/L	EPA 625	-88	-88			
2018/19-2	Lab	srgt LCS dup, rec	1/6/2019	Organic	2-Fluorophenol	n/a	=	37	%	EPA 625	-88	-88	3	74	
2018/19-2	Lab	srgt method blank	1/10/2019	Organic	2-Fluorophenol	n/a	=	4.67	µg/L	EPA 8270C	-88	-88			
2018/19-2	Lab	srgt method blank, rec	1/10/2019	Organic	2-Fluorophenol	n/a	=	47	%	EPA 8270C	-88	-88	11	62	
2018/19-2	Lab	srgt LCS	1/10/2019	Organic	2-Fluorophenol	n/a	=	4.91	µg/L	EPA 8270C	-88	-88			
2018/19-2	Lab	srgt LCS, rec	1/10/2019	Organic	2-Fluorophenol	n/a	=	49	%	EPA 8270C	-88	-88	11	62	
2018/19-2	Lab	srgt LCS dup	1/10/2019	Organic	2-Fluorophenol	n/a	=	4.77	µg/L	EPA 8270C	-88	-88			
2018/19-2	Lab	srgt LCS dup, rec	1/10/2019	Organic	2-Fluorophenol	n/a	=	48	%	EPA 8270C	-88	-88	11	62	
2018/19-2	ME-CC	srgt environ	1/7/2019	Organic	2-Fluorophenol	n/a	=	20.5	µg/L	EPA 625	-88	-88			
2018/19-2	ME-CC	srgt environ, rec	1/7/2019	Organic	2-Fluorophenol	n/a	=	41	%	EPA 625	-88	-88	3	74	
2018/19-2	ME-CC	srgt environ	1/11/2019	Organic	2-Fluorophenol	n/a	=	4.1	µg/L	EPA 8270C	-88	-88			
2018/19-2	ME-CC	srgt environ, rec	1/11/2019	Organic	2-Fluorophenol	n/a	=	41	%	EPA 8270C	-88	-88	11	62	
2018/19-2	ME-SCR	srgt environ	1/7/2019	Organic	2-Fluorophenol	n/a	=	193	µg/L	EPA 625	-88	-88			
2018/19-2	ME-SCR	srgt environ, rec	1/7/2019	Organic	2-Fluorophenol	n/a	=	39	%	EPA 625	-88	-88	3	74	
2018/19-2	ME-SCR	srgt environ	1/11/2019	Organic	2-Fluorophenol	n/a	=	43.1	µg/L	EPA 8270C	-88	-88			
2018/19-2	ME-SCR	srgt environ, rec	1/11/2019	Organic	2-Fluorophenol	n/a	=	43	%	EPA 8270C	-88	-88	11	62	
2018/19-2	ME-VR2	srgt environ	1/7/2019	Organic	2-Fluorophenol	n/a	=	21.8	µg/L	EPA 625	-88	-88			
2018/19-2	ME-VR2	srgt environ, rec	1/7/2019	Organic	2-Fluorophenol	n/a	=	44	%	EPA 625	-88	-88	3	74	
2018/19-2	ME-VR2	srgt environ	1/11/2019	Organic	2-Fluorophenol	n/a	=	4.13	µg/L	EPA 8270C	-88	-88			
2018/19-2	ME-VR2	srgt environ, rec	1/11/2019	Organic	2-Fluorophenol	n/a	=	41	%	EPA 8270C	-88	-88	11	62	
2018/19-2	MO-CAM	srgt environ	1/7/2019	Organic	2-Fluorophenol	n/a	=	19.8	µg/L	EPA 625	-88	-88			
2018/19-2	MO-CAM	srgt environ, rec	1/7/2019	Organic	2-Fluorophenol	n/a	=	40	%	EPA 625	-88	-88	3	74	
2018/19-2	MO-CAM	srgt environ	1/11/2019	Organic	2-Fluorophenol	n/a	=	3.92	µg/L	EPA 8270C	-88	-88			
2018/19-2	MO-CAM	srgt environ, rec	1/11/2019	Organic	2-Fluorophenol	n/a	=	39	%	EPA 8270C	-88	-88	11	62	
2018/19-2	MO-FIL	srgt environ	1/7/2019	Organic	2-Fluorophenol	n/a	=	21.2	µg/L	EPA 625	-88	-88			
2018/19-2	MO-FIL	srgt environ, rec	1/7/2019	Organic	2-Fluorophenol	n/a	=	42	%	EPA 625	-88	-88	3	74	
2018/19-2	MO-FIL	srgt environ	1/11/2019	Organic	2-Fluorophenol	n/a	=	3.89	µg/L	EPA 8270C	-88	-88			
2018/19-2	MO-FIL	srgt environ, rec	1/11/2019	Organic	2-Fluorophenol	n/a	=	39	%	EPA 8270C	-88	-88	11	62	
2018/19-2	MO-HUE	srgt environ	1/7/2019	Organic	2-Fluorophenol	n/a	=	24.3	µg/L	EPA 625	-88	-88			
2018/19-2	MO-HUE	srgt environ, rec	1/7/2019	Organic	2-Fluorophenol	n/a	=	49	%	EPA 625	-88	-88	3	74	
2018/19-2	MO-HUE	srgt environ	1/11/2019	Organic	2-Fluorophenol	n/a	=	3.83	µg/L	EPA 8270C	-88	-88			
2018/19-2	MO-HUE	srgt environ, rec	1/11/2019	Organic	2-Fluorophenol	n/a	=	38	%	EPA 8270C	-88	-88	11	62	
2018/19-2	MO-MEI	srgt environ	1/6/2019	Organic	2-Fluorophenol	n/a	=	15.4	µg/L	EPA 625	-88	-88			
2018/19-2	MO-MEI	srgt environ, rec	1/6/2019	Organic	2-Fluorophenol	n/a	=	31	%	EPA 625	-88	-88	3	74	
2018/19-2	MO-MEI	srgt environ	1/11/2019	Organic	2-Fluorophenol	n/a	=	3.65	µg/L	EPA 8270C	-88	-88			
2018/19-2	MO-MEI	srgt environ, rec	1/11/2019	Organic	2-Fluorophenol	n/a	=	36	%	EPA 8270C	-88	-88	11	62	
2018/19-2	MO-MPK	srgt environ	1/7/2019	Organic	2-Fluorophenol	n/a	=	20.3	µg/L	EPA 625	-88	-88			
2018/19-2	MO-MPK	srgt environ, rec	1/7/2019	Organic	2-Fluorophenol	n/a	=	41	%	EPA 625	-88	-88	3	74	
2018/19-2	MO-MPK	srgt environ	1/11/2019	Organic	2-Fluorophenol	n/a	=	4.45	µg/L	EPA 8270C	-88	-88			

Appendix F
Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2018/19-2	MO-MPK	srgt environ, rec	1/11/2019	Organic	2-Fluorophenol	n/a	=	45	%	EPA 8270C	-88	-88	11	62	
2018/19-2	MO-OJA	srgt environ	1/6/2019	Organic	2-Fluorophenol	n/a	=	21.8	µg/L	EPA 625	-88	-88			
2018/19-2	MO-OJA	srgt environ, rec	1/6/2019	Organic	2-Fluorophenol	n/a	=	44	%	EPA 625	-88	-88	3	74	
2018/19-2	MO-OJA	srgt environ	1/11/2019	Organic	2-Fluorophenol	n/a	=	3.7	µg/L	EPA 8270C	-88	-88			
2018/19-2	MO-OJA	srgt environ, rec	1/11/2019	Organic	2-Fluorophenol	n/a	=	37	%	EPA 8270C	-88	-88	11	62	
2018/19-2	MO-OXN	srgt environ	1/7/2019	Organic	2-Fluorophenol	n/a	=	16	µg/L	EPA 625	-88	-88			
2018/19-2	MO-OXN	srgt environ, rec	1/7/2019	Organic	2-Fluorophenol	n/a	=	32	%	EPA 625	-88	-88	3	74	
2018/19-2	MO-OXN	srgt environ	1/11/2019	Organic	2-Fluorophenol	n/a	=	3.4	µg/L	EPA 8270C	-88	-88			
2018/19-2	MO-OXN	srgt environ, rec	1/11/2019	Organic	2-Fluorophenol	n/a	=	34	%	EPA 8270C	-88	-88	11	62	
2018/19-2	MO-SIM	srgt environ	1/7/2019	Organic	2-Fluorophenol	n/a	=	16.2	µg/L	EPA 625	-88	-88			
2018/19-2	MO-SIM	srgt environ, rec	1/7/2019	Organic	2-Fluorophenol	n/a	=	32	%	EPA 625	-88	-88	3	74	
2018/19-2	MO-SIM	srgt environ	1/11/2019	Organic	2-Fluorophenol	n/a	=	3.69	µg/L	EPA 8270C	-88	-88			
2018/19-2	MO-SIM	srgt environ, rec	1/11/2019	Organic	2-Fluorophenol	n/a	=	37	%	EPA 8270C	-88	-88	11	62	
2018/19-2	MO-SPA	srgt environ	1/7/2019	Organic	2-Fluorophenol	n/a	=	20.1	µg/L	EPA 625	-88	-88			
2018/19-2	MO-SPA	srgt environ, rec	1/7/2019	Organic	2-Fluorophenol	n/a	=	40	%	EPA 625	-88	-88	3	74	
2018/19-2	MO-SPA	srgt environ	1/11/2019	Organic	2-Fluorophenol	n/a	=	3.94	µg/L	EPA 8270C	-88	-88			
2018/19-2	MO-SPA	srgt environ, rec	1/11/2019	Organic	2-Fluorophenol	n/a	=	39	%	EPA 8270C	-88	-88	11	62	
2018/19-2	MO-THO	srgt environ	1/7/2019	Organic	2-Fluorophenol	n/a	=	18.2	µg/L	EPA 625	-88	-88			
2018/19-2	MO-THO	srgt environ, rec	1/7/2019	Organic	2-Fluorophenol	n/a	=	36	%	EPA 625	-88	-88	3	74	
2018/19-2	MO-THO	srgt environ	1/11/2019	Organic	2-Fluorophenol	n/a	=	3.65	µg/L	EPA 8270C	-88	-88			
2018/19-2	MO-THO	srgt environ, rec	1/11/2019	Organic	2-Fluorophenol	n/a	=	37	%	EPA 8270C	-88	-88	11	62	
2018/19-2	MO-VEN	srgt environ	1/7/2019	Organic	2-Fluorophenol	n/a	=	18.7	µg/L	EPA 625	-88	-88			
2018/19-2	MO-VEN	srgt environ, rec	1/7/2019	Organic	2-Fluorophenol	n/a	=	37	%	EPA 625	-88	-88	3	74	
2018/19-2	MO-VEN	srgt environ	1/11/2019	Organic	2-Fluorophenol	n/a	=	3.35	µg/L	EPA 8270C	-88	-88			
2018/19-2	MO-VEN	srgt environ, rec	1/11/2019	Organic	2-Fluorophenol	n/a	=	34	%	EPA 8270C	-88	-88	11	62	
2018/19-2	Lab	method blank	1/11/2019	Organic	2-Methylnaphthalene	n/a	<	0.1	µg/L	EPA 8270C	0.1	0.1			
2018/19-2	Lab	method blank	1/10/2019	Organic	2-Methylphenol	n/a	<	0.34	µg/L	EPA 8270C	0.34	1			
2018/19-2	Lab	method blank	1/6/2019	Organic	2-Nitrophenol	n/a	<	0.26	µg/L	EPA 625	0.26	1			
2018/19-2	Lab	LCS	1/6/2019	Organic	2-Nitrophenol	n/a	=	22	µg/L	EPA 625	0.26	1			
2018/19-2	Lab	LCS, rec	1/6/2019	Organic	2-Nitrophenol	n/a	=	88	%	EPA 625	-88	-88	29	182	
2018/19-2	Lab	LCS dup	1/6/2019	Organic	2-Nitrophenol	n/a	=	20.3	µg/L	EPA 625	0.26	1			
2018/19-2	Lab	LCS dup, rec	1/6/2019	Organic	2-Nitrophenol	n/a	=	81	%	EPA 625	-88	-88	29	182	
2018/19-2	Lab	LCS, RPD	1/6/2019	Organic	2-Nitrophenol	n/a	=	8	%	EPA 625	-88	-88	0	30	
2018/19-2	Lab	method blank	1/10/2019	Organic	2-Nitrophenol	n/a	<	0.71	µg/L	EPA 8270C	0.71	1			
2018/19-2	Lab	LCS	1/10/2019	Organic	2-Nitrophenol	n/a	=	7.35	µg/L	EPA 8270C	0.71	1			
2018/19-2	Lab	LCS, rec	1/10/2019	Organic	2-Nitrophenol	n/a	=	73	%	EPA 8270C	-88	-88	33	103	
2018/19-2	Lab	LCS dup	1/10/2019	Organic	2-Nitrophenol	n/a	=	7.42	µg/L	EPA 8270C	0.71	1			
2018/19-2	Lab	LCS dup, rec	1/10/2019	Organic	2-Nitrophenol	n/a	=	74	%	EPA 8270C	-88	-88	33	103	
2018/19-2	Lab	LCS, RPD	1/10/2019	Organic	2-Nitrophenol	n/a	=	1	%	EPA 8270C	-88	-88	0	30	
2018/19-2	Lab	method blank	1/6/2019	Organic	3,3'-Dichlorobenzidine	n/a	<	1.2	µg/L	EPA 625	1.2	5			
2018/19-2	Lab	LCS	1/6/2019	Organic	3,3'-Dichlorobenzidine	n/a	=	14.9	µg/L	EPA 625	1.2	5			
2018/19-2	Lab	LCS, rec	1/6/2019	Organic	3,3'-Dichlorobenzidine	n/a	=	59	%	EPA 625	-88	-88	0.1	262	
2018/19-2	Lab	LCS dup	1/6/2019	Organic	3,3'-Dichlorobenzidine	n/a	=	20	µg/L	EPA 625	1.2	5			
2018/19-2	Lab	LCS dup, rec	1/6/2019	Organic	3,3'-Dichlorobenzidine	n/a	=	80	%	EPA 625	-88	-88	0.1	262	
2018/19-2	Lab	LCS, RPD	1/6/2019	Organic	3,3'-Dichlorobenzidine	n/a	=	29	%	EPA 625	-88	-88	0	30	
2018/19-2	Lab	method blank	1/10/2019	Organic	3-/4-Methylphenol	n/a	<	0.3	µg/L	EPA 8270C	0.3	1			
2018/19-2	Lab	method blank	1/6/2019	Organic	4,6-Dinitro-2-methylphenol	n/a	<	1.7	µg/L	EPA 625	1.7	5			

Appendix F
Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2018/19-2	Lab	LCS	1/6/2019	Organic	4,6-Dinitro-2-methylphenol	n/a	=	27.5	µg/L	EPA 625	1.7	5			
2018/19-2	Lab	LCS, rec	1/6/2019	Organic	4,6-Dinitro-2-methylphenol	n/a	=	110	%	EPA 625	-88	-88	0.1	181	
2018/19-2	Lab	LCS dup	1/6/2019	Organic	4,6-Dinitro-2-methylphenol	n/a	=	26.2	µg/L	EPA 625	1.7	5			
2018/19-2	Lab	LCS dup, rec	1/6/2019	Organic	4,6-Dinitro-2-methylphenol	n/a	=	105	%	EPA 625	-88	-88	0.1	181	
2018/19-2	Lab	LCS, RPD	1/6/2019	Organic	4,6-Dinitro-2-methylphenol	n/a	=	5	%	EPA 625	-88	-88	0	30	
2018/19-2	Lab	method blank	1/10/2019	Organic	4,6-Dinitro-2-methylphenol	n/a	<	0.14	µg/L	EPA 8270C	0.14	1			
2018/19-2	Lab	LCS	1/10/2019	Organic	4,6-Dinitro-2-methylphenol	n/a	=	9.05	µg/L	EPA 8270C	0.14	1			
2018/19-2	Lab	LCS, rec	1/10/2019	Organic	4,6-Dinitro-2-methylphenol	n/a	=	91	%	EPA 8270C	-88	-88	33	118	
2018/19-2	Lab	LCS dup	1/10/2019	Organic	4,6-Dinitro-2-methylphenol	n/a	=	9.31	µg/L	EPA 8270C	0.14	1			
2018/19-2	Lab	LCS dup, rec	1/10/2019	Organic	4,6-Dinitro-2-methylphenol	n/a	=	93	%	EPA 8270C	-88	-88	33	118	
2018/19-2	Lab	LCS, RPD	1/10/2019	Organic	4,6-Dinitro-2-methylphenol	n/a	=	3	%	EPA 8270C	-88	-88	0	30	
2018/19-2	Lab	srgt LCS	12/1/2018	Organic	4-Bromofluorobenzene	n/a	=	50	µg/L	LUFT GC/MS	-88	-88			
2018/19-2	Lab	srgt LCS, rec	12/1/2018	Organic	4-Bromofluorobenzene	n/a	=	100	%	LUFT GC/MS	-88	-88	83	110	
2018/19-2	Lab	srgt LCS dup	12/1/2018	Organic	4-Bromofluorobenzene	n/a	=	49.4	µg/L	LUFT GC/MS	-88	-88			
2018/19-2	Lab	srgt LCS dup, rec	12/1/2018	Organic	4-Bromofluorobenzene	n/a	=	99	%	LUFT GC/MS	-88	-88	83	110	
2018/19-2	Lab	srgt method blank	12/1/2018	Organic	4-Bromofluorobenzene	n/a	=	50	µg/L	LUFT GC/MS	-88	-88			
2018/19-2	Lab	srgt method blank, rec	12/1/2018	Organic	4-Bromofluorobenzene	n/a	=	100	%	LUFT GC/MS	-88	-88	83	110	
2018/19-2	Lab	srgt LCS	12/3/2018	Organic	4-Bromofluorobenzene	n/a	=	53.9	µg/L	EPA 624	-88	-88			
2018/19-2	Lab	srgt LCS, rec	12/3/2018	Organic	4-Bromofluorobenzene	n/a	=	108	%	EPA 624	-88	-88	88	108	
2018/19-2	Lab	srgt LCS dup	12/3/2018	Organic	4-Bromofluorobenzene	n/a	=	56.2	µg/L	EPA 624	-88	-88			GN
2018/19-2	Lab	srgt LCS dup, rec	12/3/2018	Organic	4-Bromofluorobenzene	n/a	=	112	%	EPA 624	-88	-88	88	108	GN
2018/19-2	Lab	srgt method blank	12/3/2018	Organic	4-Bromofluorobenzene	n/a	=	48.4	µg/L	EPA 624	-88	-88			
2018/19-2	Lab	srgt method blank, rec	12/3/2018	Organic	4-Bromofluorobenzene	n/a	=	97	%	EPA 624	-88	-88	88	108	
2018/19-2	ME-CC	srgt field blank	12/1/2018	Organic	4-Bromofluorobenzene	n/a	=	50.5	µg/L	LUFT GC/MS	-88	-88			
2018/19-2	ME-CC	srgt field blank, rec	12/1/2018	Organic	4-Bromofluorobenzene	n/a	=	101	%	LUFT GC/MS	-88	-88	83	110	
2018/19-2	ME-CC	srgt environ	12/3/2018	Organic	4-Bromofluorobenzene	n/a	=	39.2	µg/L	EPA 624	-88	-88			GN
2018/19-2	ME-CC	srgt environ, rec	12/3/2018	Organic	4-Bromofluorobenzene	n/a	=	78	%	EPA 624	-88	-88	88	108	GN
2018/19-2	ME-CC	srgt field blank	12/4/2018	Organic	4-Bromofluorobenzene	n/a	=	46.2	µg/L	EPA 624	-88	-88			
2018/19-2	ME-CC	srgt field blank, rec	12/4/2018	Organic	4-Bromofluorobenzene	n/a	=	92	%	EPA 624	-88	-88	88	108	
2018/19-2	ME-SCR	srgt environ	12/1/2018	Organic	4-Bromofluorobenzene	n/a	=	49.8	µg/L	LUFT GC/MS	-88	-88			
2018/19-2	ME-SCR	srgt environ, rec	12/1/2018	Organic	4-Bromofluorobenzene	n/a	=	100	%	LUFT GC/MS	-88	-88	83	110	
2018/19-2	ME-SCR	srgt environ	12/3/2018	Organic	4-Bromofluorobenzene	n/a	=	45.6	µg/L	EPA 624	-88	-88			
2018/19-2	ME-SCR	srgt environ, rec	12/3/2018	Organic	4-Bromofluorobenzene	n/a	=	91	%	EPA 624	-88	-88	88	108	
2018/19-2	ME-VR2	srgt environ	12/1/2018	Organic	4-Bromofluorobenzene	n/a	=	48.8	µg/L	LUFT GC/MS	-88	-88			
2018/19-2	ME-VR2	srgt environ, rec	12/1/2018	Organic	4-Bromofluorobenzene	n/a	=	98	%	LUFT GC/MS	-88	-88	83	110	
2018/19-2	ME-VR2	srgt environ	12/3/2018	Organic	4-Bromofluorobenzene	n/a	=	45.9	µg/L	EPA 624	-88	-88			
2018/19-2	ME-VR2	srgt environ, rec	12/3/2018	Organic	4-Bromofluorobenzene	n/a	=	92	%	EPA 624	-88	-88	88	108	
2018/19-2	MO-CAM	srgt environ	12/1/2018	Organic	4-Bromofluorobenzene	n/a	=	49.6	µg/L	LUFT GC/MS	-88	-88			
2018/19-2	MO-CAM	srgt environ, rec	12/1/2018	Organic	4-Bromofluorobenzene	n/a	=	99	%	LUFT GC/MS	-88	-88	83	110	
2018/19-2	MO-CAM	srgt environ	12/3/2018	Organic	4-Bromofluorobenzene	n/a	=	43.6	µg/L	EPA 624	-88	-88			GN
2018/19-2	MO-CAM	srgt environ, rec	12/3/2018	Organic	4-Bromofluorobenzene	n/a	=	87	%	EPA 624	-88	-88	88	108	GN
2018/19-2	MO-FIL	srgt environ	12/1/2018	Organic	4-Bromofluorobenzene	n/a	=	49.5	µg/L	LUFT GC/MS	-88	-88			
2018/19-2	MO-FIL	srgt environ, rec	12/1/2018	Organic	4-Bromofluorobenzene	n/a	=	99	%	LUFT GC/MS	-88	-88	83	110	
2018/19-2	MO-FIL	srgt environ	12/1/2018	Organic	4-Bromofluorobenzene	n/a	=	49.6	µg/L	LUFT GC/MS	-88	-88			
2018/19-2	MO-FIL	srgt environ, rec	12/1/2018	Organic	4-Bromofluorobenzene	n/a	=	99	%	LUFT GC/MS	-88	-88	83	110	
2018/19-2	MO-FIL	srgt environ	12/3/2018	Organic	4-Bromofluorobenzene	n/a	=	47.7	µg/L	EPA 624	-88	-88			
2018/19-2	MO-FIL	srgt environ, rec	12/3/2018	Organic	4-Bromofluorobenzene	n/a	=	95	%	EPA 624	-88	-88	88	108	

Appendix F
Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2018/19-2	MO-FIL	srgt environ	12/3/2018	Organic	4-Bromofluorobenzene	n/a	=	42.8	µg/L	EPA 624	-88	-88			GN
2018/19-2	MO-FIL	srgt environ, rec	12/3/2018	Organic	4-Bromofluorobenzene	n/a	=	86	%	EPA 624	-88	-88	88	108	GN
2018/19-2	MO-HUE	srgt environ	12/1/2018	Organic	4-Bromofluorobenzene	n/a	=	48.6	µg/L	LUFT GC/MS	-88	-88			
2018/19-2	MO-HUE	srgt environ, rec	12/1/2018	Organic	4-Bromofluorobenzene	n/a	=	97	%	LUFT GC/MS	-88	-88	83	110	
2018/19-2	MO-HUE	srgt environ	12/4/2018	Organic	4-Bromofluorobenzene	n/a	=	43.5	µg/L	EPA 624	-88	-88			GN
2018/19-2	MO-HUE	srgt environ, rec	12/4/2018	Organic	4-Bromofluorobenzene	n/a	=	87	%	EPA 624	-88	-88	88	108	GN
2018/19-2	MO-MEI	srgt environ	12/1/2018	Organic	4-Bromofluorobenzene	n/a	=	50	µg/L	LUFT GC/MS	-88	-88			
2018/19-2	MO-MEI	srgt environ, rec	12/1/2018	Organic	4-Bromofluorobenzene	n/a	=	100	%	LUFT GC/MS	-88	-88	83	110	
2018/19-2	MO-MEI	srgt environ	12/3/2018	Organic	4-Bromofluorobenzene	n/a	=	45.5	µg/L	EPA 624	-88	-88			
2018/19-2	MO-MEI	srgt environ, rec	12/3/2018	Organic	4-Bromofluorobenzene	n/a	=	91	%	EPA 624	-88	-88	88	108	
2018/19-2	MO-MPK	srgt environ	12/1/2018	Organic	4-Bromofluorobenzene	n/a	=	48.9	µg/L	LUFT GC/MS	-88	-88			
2018/19-2	MO-MPK	srgt environ, rec	12/1/2018	Organic	4-Bromofluorobenzene	n/a	=	98	%	LUFT GC/MS	-88	-88	83	110	
2018/19-2	MO-MPK	srgt environ	12/4/2018	Organic	4-Bromofluorobenzene	n/a	=	44.6	µg/L	EPA 624	-88	-88			
2018/19-2	MO-MPK	srgt environ, rec	12/4/2018	Organic	4-Bromofluorobenzene	n/a	=	89	%	EPA 624	-88	-88	88	108	
2018/19-2	MO-OJA	srgt environ	12/1/2018	Organic	4-Bromofluorobenzene	n/a	=	50	µg/L	LUFT GC/MS	-88	-88			
2018/19-2	MO-OJA	srgt environ, rec	12/1/2018	Organic	4-Bromofluorobenzene	n/a	=	100	%	LUFT GC/MS	-88	-88	83	110	
2018/19-2	MO-OJA	srgt environ	12/3/2018	Organic	4-Bromofluorobenzene	n/a	=	46.3	µg/L	EPA 624	-88	-88			
2018/19-2	MO-OJA	srgt environ, rec	12/3/2018	Organic	4-Bromofluorobenzene	n/a	=	93	%	EPA 624	-88	-88	88	108	
2018/19-2	MO-OXN	srgt environ	12/1/2018	Organic	4-Bromofluorobenzene	n/a	=	48.8	µg/L	LUFT GC/MS	-88	-88			
2018/19-2	MO-OXN	srgt environ, rec	12/1/2018	Organic	4-Bromofluorobenzene	n/a	=	98	%	LUFT GC/MS	-88	-88	83	110	
2018/19-2	MO-OXN	srgt environ	12/3/2018	Organic	4-Bromofluorobenzene	n/a	=	45.3	µg/L	EPA 624	-88	-88			
2018/19-2	MO-OXN	srgt environ, rec	12/3/2018	Organic	4-Bromofluorobenzene	n/a	=	91	%	EPA 624	-88	-88	88	108	
2018/19-2	MO-SIM	srgt environ	12/1/2018	Organic	4-Bromofluorobenzene	n/a	=	49.5	µg/L	LUFT GC/MS	-88	-88			
2018/19-2	MO-SIM	srgt environ, rec	12/1/2018	Organic	4-Bromofluorobenzene	n/a	=	99	%	LUFT GC/MS	-88	-88	83	110	
2018/19-2	MO-SIM	srgt environ	12/3/2018	Organic	4-Bromofluorobenzene	n/a	=	45.4	µg/L	EPA 624	-88	-88			
2018/19-2	MO-SIM	srgt environ, rec	12/3/2018	Organic	4-Bromofluorobenzene	n/a	=	91	%	EPA 624	-88	-88	88	108	
2018/19-2	MO-SPA	srgt environ	12/1/2018	Organic	4-Bromofluorobenzene	n/a	=	48.2	µg/L	LUFT GC/MS	-88	-88			
2018/19-2	MO-SPA	srgt environ, rec	12/1/2018	Organic	4-Bromofluorobenzene	n/a	=	96	%	LUFT GC/MS	-88	-88	83	110	
2018/19-2	MO-SPA	srgt environ	12/3/2018	Organic	4-Bromofluorobenzene	n/a	=	45.8	µg/L	EPA 624	-88	-88			
2018/19-2	MO-SPA	srgt environ, rec	12/3/2018	Organic	4-Bromofluorobenzene	n/a	=	92	%	EPA 624	-88	-88	88	108	
2018/19-2	MO-THO	srgt environ	12/1/2018	Organic	4-Bromofluorobenzene	n/a	=	49.5	µg/L	LUFT GC/MS	-88	-88			
2018/19-2	MO-THO	srgt environ, rec	12/1/2018	Organic	4-Bromofluorobenzene	n/a	=	99	%	LUFT GC/MS	-88	-88	83	110	
2018/19-2	MO-THO	srgt environ	12/4/2018	Organic	4-Bromofluorobenzene	n/a	=	46.5	µg/L	EPA 624	-88	-88			
2018/19-2	MO-THO	srgt environ, rec	12/4/2018	Organic	4-Bromofluorobenzene	n/a	=	93	%	EPA 624	-88	-88	88	108	
2018/19-2	MO-VEN	srgt environ	12/1/2018	Organic	4-Bromofluorobenzene	n/a	=	49.7	µg/L	LUFT GC/MS	-88	-88			
2018/19-2	MO-VEN	srgt environ, rec	12/1/2018	Organic	4-Bromofluorobenzene	n/a	=	99	%	LUFT GC/MS	-88	-88	83	110	
2018/19-2	MO-VEN	srgt environ	12/3/2018	Organic	4-Bromofluorobenzene	n/a	=	45.6	µg/L	EPA 624	-88	-88			
2018/19-2	MO-VEN	srgt environ, rec	12/3/2018	Organic	4-Bromofluorobenzene	n/a	=	91	%	EPA 624	-88	-88	88	108	
2018/19-2	Lab	method blank	1/6/2019	Organic	4-Bromophenyl phenyl ether	n/a	<	0.36	µg/L	EPA 625	0.36	1			
2018/19-2	Lab	LCS	1/6/2019	Organic	4-Bromophenyl phenyl ether	n/a	=	22.4	µg/L	EPA 625	0.36	1			
2018/19-2	Lab	LCS, rec	1/6/2019	Organic	4-Bromophenyl phenyl ether	n/a	=	89	%	EPA 625	-88	-88	53	127	
2018/19-2	Lab	LCS dup	1/6/2019	Organic	4-Bromophenyl phenyl ether	n/a	=	19.9	µg/L	EPA 625	0.36	1			
2018/19-2	Lab	LCS dup, rec	1/6/2019	Organic	4-Bromophenyl phenyl ether	n/a	=	79	%	EPA 625	-88	-88	53	127	
2018/19-2	Lab	LCS, RPD	1/6/2019	Organic	4-Bromophenyl phenyl ether	n/a	=	12	%	EPA 625	-88	-88	0	30	
2018/19-2	Lab	method blank	1/6/2019	Organic	4-Chloro-3-methylphenol	n/a	<	0.23	µg/L	EPA 625	0.23	1			
2018/19-2	Lab	LCS	1/6/2019	Organic	4-Chloro-3-methylphenol	n/a	=	20.6	µg/L	EPA 625	0.23	1			
2018/19-2	Lab	LCS, rec	1/6/2019	Organic	4-Chloro-3-methylphenol	n/a	=	82	%	EPA 625	-88	-88	22	147	

Appendix F
Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2018/19-2	Lab	LCS dup	1/6/2019	Organic	4-Chloro-3-methylphenol	n/a	=	18.6	µg/L	EPA 625	0.23	1			
2018/19-2	Lab	LCS dup, rec	1/6/2019	Organic	4-Chloro-3-methylphenol	n/a	=	74	%	EPA 625	-88	-88	22	147	
2018/19-2	Lab	LCS, RPD	1/6/2019	Organic	4-Chloro-3-methylphenol	n/a	=	10	%	EPA 625	-88	-88	0	30	
2018/19-2	Lab	method blank	1/10/2019	Organic	4-Chloro-3-methylphenol	n/a	<	0.37	µg/L	EPA 8270C	0.37	1			
2018/19-2	Lab	LCS	1/10/2019	Organic	4-Chloro-3-methylphenol	n/a	=	7.2	µg/L	EPA 8270C	0.37	1			
2018/19-2	Lab	LCS, rec	1/10/2019	Organic	4-Chloro-3-methylphenol	n/a	=	72	%	EPA 8270C	-88	-88	29	108	
2018/19-2	Lab	LCS dup	1/10/2019	Organic	4-Chloro-3-methylphenol	n/a	=	75	µg/L	EPA 8270C	0.37	1			
2018/19-2	Lab	LCS dup, rec	1/10/2019	Organic	4-Chloro-3-methylphenol	n/a	=	75	%	EPA 8270C	-88	-88	29	108	
2018/19-2	Lab	LCS, RPD	1/10/2019	Organic	4-Chloro-3-methylphenol	n/a	=	4	%	EPA 8270C	-88	-88	0	30	
2018/19-2	Lab	method blank	1/6/2019	Organic	4-Chlorophenyl phenyl ether	n/a	<	0.41	µg/L	EPA 625	0.41	1			
2018/19-2	Lab	LCS	1/6/2019	Organic	4-Chlorophenyl phenyl ether	n/a	=	19.9	µg/L	EPA 625	0.41	1			
2018/19-2	Lab	LCS, rec	1/6/2019	Organic	4-Chlorophenyl phenyl ether	n/a	=	80	%	EPA 625	-88	-88	25	158	
2018/19-2	Lab	LCS dup	1/6/2019	Organic	4-Chlorophenyl phenyl ether	n/a	=	18	µg/L	EPA 625	0.41	1			
2018/19-2	Lab	LCS dup, rec	1/6/2019	Organic	4-Chlorophenyl phenyl ether	n/a	=	72	%	EPA 625	-88	-88	25	158	
2018/19-2	Lab	LCS, RPD	1/6/2019	Organic	4-Chlorophenyl phenyl ether	n/a	=	10	%	EPA 625	-88	-88	0	30	
2018/19-2	Lab	method blank	1/6/2019	Organic	4-Nitrophenol	n/a	<	0.45	µg/L	EPA 625	0.45	5			
2018/19-2	Lab	LCS	1/6/2019	Organic	4-Nitrophenol	n/a	=	9.67	µg/L	EPA 625	0.45	5			
2018/19-2	Lab	LCS, rec	1/6/2019	Organic	4-Nitrophenol	n/a	=	39	%	EPA 625	-88	-88	0.1	132	
2018/19-2	Lab	LCS dup	1/6/2019	Organic	4-Nitrophenol	n/a	=	8.98	µg/L	EPA 625	0.45	5			
2018/19-2	Lab	LCS dup, rec	1/6/2019	Organic	4-Nitrophenol	n/a	=	36	%	EPA 625	-88	-88	0.1	132	
2018/19-2	Lab	LCS, RPD	1/6/2019	Organic	4-Nitrophenol	n/a	=	7	%	EPA 625	-88	-88	0	30	
2018/19-2	Lab	method blank	1/10/2019	Organic	4-Nitrophenol	n/a	<	1	µg/L	EPA 8270C	1	2			
2018/19-2	Lab	LCS	1/10/2019	Organic	4-Nitrophenol	n/a	=	4.01	µg/L	EPA 8270C	1	2			
2018/19-2	Lab	LCS, rec	1/10/2019	Organic	4-Nitrophenol	n/a	=	40	%	EPA 8270C	-88	-88	6	46	
2018/19-2	Lab	LCS dup	1/10/2019	Organic	4-Nitrophenol	n/a	=	4.03	µg/L	EPA 8270C	1	2			
2018/19-2	Lab	LCS dup, rec	1/10/2019	Organic	4-Nitrophenol	n/a	=	40	%	EPA 8270C	-88	-88	6	46	
2018/19-2	Lab	LCS, RPD	1/10/2019	Organic	4-Nitrophenol	n/a	=	0.6	%	EPA 8270C	-88	-88	0	30	
2018/19-2	Lab	method blank	1/6/2019	Organic	Acenaphthene	n/a	<	0.38	µg/L	EPA 625	0.38	1			
2018/19-2	Lab	LCS	1/6/2019	Organic	Acenaphthene	n/a	=	19.5	µg/L	EPA 625	0.38	1			
2018/19-2	Lab	LCS, rec	1/6/2019	Organic	Acenaphthene	n/a	=	78	%	EPA 625	-88	-88	47	145	
2018/19-2	Lab	LCS dup	1/6/2019	Organic	Acenaphthene	n/a	=	17.6	µg/L	EPA 625	0.38	1			
2018/19-2	Lab	LCS dup, rec	1/6/2019	Organic	Acenaphthene	n/a	=	70	%	EPA 625	-88	-88	47	145	
2018/19-2	Lab	LCS, RPD	1/6/2019	Organic	Acenaphthene	n/a	=	10	%	EPA 625	-88	-88	0	30	
2018/19-2	Lab	method blank	1/11/2019	Organic	Acenaphthene	n/a	<	0.1	µg/L	EPA 8270C	0.1	0.1			
2018/19-2	Lab	LCS	1/11/2019	Organic	Acenaphthene	n/a	=	7.95	µg/L	EPA 8270C	0.1	0.1			
2018/19-2	Lab	LCS, rec	1/11/2019	Organic	Acenaphthene	n/a	=	80	%	EPA 8270C	-88	-88	11	122	
2018/19-2	Lab	LCS dup	1/11/2019	Organic	Acenaphthene	n/a	=	8.32	µg/L	EPA 8270C	0.1	0.1			
2018/19-2	Lab	LCS dup, rec	1/11/2019	Organic	Acenaphthene	n/a	=	83	%	EPA 8270C	-88	-88	11	122	
2018/19-2	Lab	LCS, RPD	1/11/2019	Organic	Acenaphthene	n/a	=	4	%	EPA 8270C	-88	-88	0	30	
2018/19-2	Lab	method blank	1/6/2019	Organic	Acenaphthylene	n/a	<	0.4	µg/L	EPA 625	0.4	1			
2018/19-2	Lab	LCS	1/6/2019	Organic	Acenaphthylene	n/a	=	20.1	µg/L	EPA 625	0.4	1			
2018/19-2	Lab	LCS, rec	1/6/2019	Organic	Acenaphthylene	n/a	=	80	%	EPA 625	-88	-88	33	145	
2018/19-2	Lab	LCS dup	1/6/2019	Organic	Acenaphthylene	n/a	=	18.6	µg/L	EPA 625	0.4	1			
2018/19-2	Lab	LCS dup, rec	1/6/2019	Organic	Acenaphthylene	n/a	=	74	%	EPA 625	-88	-88	33	145	
2018/19-2	Lab	LCS, RPD	1/6/2019	Organic	Acenaphthylene	n/a	=	8	%	EPA 625	-88	-88	0	30	
2018/19-2	Lab	method blank	1/11/2019	Organic	Acenaphthylene	n/a	<	0.1	µg/L	EPA 8270C	0.1	0.1			
2018/19-2	Lab	LCS	1/11/2019	Organic	Acenaphthylene	n/a	=	8.27	µg/L	EPA 8270C	0.1	0.1			

Appendix F
Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2018/19-2	Lab	LCS, rec	1/11/2019	Organic	Acenaphthylene	n/a	=	83	%	EPA 8270C	-88	-88	4	135	
2018/19-2	Lab	LCS dup	1/11/2019	Organic	Acenaphthylene	n/a	=	8.46	µg/L	EPA 8270C	0.1	0.1			
2018/19-2	Lab	LCS dup, rec	1/11/2019	Organic	Acenaphthylene	n/a	=	85	%	EPA 8270C	-88	-88	4	135	
2018/19-2	Lab	LCS, RPD	1/11/2019	Organic	Acenaphthylene	n/a	=	2	%	EPA 8270C	-88	-88	0	30	
2018/19-2	Lab	method blank	1/6/2019	Organic	Anthracene	n/a	<	0.34	µg/L	EPA 625	0.34	1			
2018/19-2	Lab	LCS	1/6/2019	Organic	Anthracene	n/a	=	22.6	µg/L	EPA 625	0.34	1			
2018/19-2	Lab	LCS, rec	1/6/2019	Organic	Anthracene	n/a	=	90	%	EPA 625	-88	-88	27	133	
2018/19-2	Lab	LCS dup	1/6/2019	Organic	Anthracene	n/a	=	21.5	µg/L	EPA 625	0.34	1			
2018/19-2	Lab	LCS dup, rec	1/6/2019	Organic	Anthracene	n/a	=	86	%	EPA 625	-88	-88	27	133	
2018/19-2	Lab	LCS, RPD	1/6/2019	Organic	Anthracene	n/a	=	5	%	EPA 625	-88	-88	0	30	
2018/19-2	Lab	method blank	1/11/2019	Organic	Anthracene	n/a	<	0.1	µg/L	EPA 8270C	0.1	0.1			
2018/19-2	Lab	LCS	1/11/2019	Organic	Anthracene	n/a	=	8.44	µg/L	EPA 8270C	0.1	0.1			
2018/19-2	Lab	LCS, rec	1/11/2019	Organic	Anthracene	n/a	=	84	%	EPA 8270C	-88	-88	22	127	
2018/19-2	Lab	LCS dup	1/11/2019	Organic	Anthracene	n/a	=	8.73	µg/L	EPA 8270C	0.1	0.1			
2018/19-2	Lab	LCS dup, rec	1/11/2019	Organic	Anthracene	n/a	=	87	%	EPA 8270C	-88	-88	22	127	
2018/19-2	Lab	LCS, RPD	1/11/2019	Organic	Anthracene	n/a	=	3	%	EPA 8270C	-88	-88	0	30	
2018/19-2	Lab	method blank	1/6/2019	Organic	Benz(a)anthracene	n/a	<	0.19	µg/L	EPA 625	0.19	1			
2018/19-2	Lab	LCS	1/6/2019	Organic	Benz(a)anthracene	n/a	=	22	µg/L	EPA 625	0.19	1			
2018/19-2	Lab	LCS, rec	1/6/2019	Organic	Benz(a)anthracene	n/a	=	88	%	EPA 625	-88	-88	33	143	
2018/19-2	Lab	LCS dup	1/6/2019	Organic	Benz(a)anthracene	n/a	=	20.3	µg/L	EPA 625	0.19	1			
2018/19-2	Lab	LCS dup, rec	1/6/2019	Organic	Benz(a)anthracene	n/a	=	81	%	EPA 625	-88	-88	33	143	
2018/19-2	Lab	LCS, RPD	1/6/2019	Organic	Benz(a)anthracene	n/a	=	8	%	EPA 625	-88	-88	0	30	
2018/19-2	Lab	method blank	1/11/2019	Organic	Benz(a)anthracene	n/a	<	0.1	µg/L	EPA 8270C	0.1	0.1			
2018/19-2	Lab	LCS	1/11/2019	Organic	Benz(a)anthracene	n/a	=	8.36	µg/L	EPA 8270C	0.1	0.1			
2018/19-2	Lab	LCS, rec	1/11/2019	Organic	Benz(a)anthracene	n/a	=	84	%	EPA 8270C	-88	-88	17	131	
2018/19-2	Lab	LCS dup	1/11/2019	Organic	Benz(a)anthracene	n/a	=	8.7	µg/L	EPA 8270C	0.1	0.1			
2018/19-2	Lab	LCS dup, rec	1/11/2019	Organic	Benz(a)anthracene	n/a	=	87	%	EPA 8270C	-88	-88	17	131	
2018/19-2	Lab	LCS, RPD	1/11/2019	Organic	Benz(a)anthracene	n/a	=	4	%	EPA 8270C	-88	-88	0	30	
2018/19-2	Lab	method blank	1/6/2019	Organic	Benzidine	n/a	<	3.7	µg/L	EPA 625	3.7	10			
2018/19-2	Lab	method blank	12/14/2018	Organic	Benzo(a)pyrene	n/a	<	0.07	µg/L	EPA 525.2	0.07	0.1			
2018/19-2	Lab	LCS	12/14/2018	Organic	Benzo(a)pyrene	n/a	=	3.94	µg/L	EPA 525.2	0.07	0.1			
2018/19-2	Lab	LCS, rec	12/14/2018	Organic	Benzo(a)pyrene	n/a	=	79	%	EPA 525.2	-88	-88	60	130	
2018/19-2	Lab	LCS dup	12/14/2018	Organic	Benzo(a)pyrene	n/a	=	3.91	µg/L	EPA 525.2	0.07	0.1			
2018/19-2	Lab	LCS dup, rec	12/14/2018	Organic	Benzo(a)pyrene	n/a	=	78	%	EPA 525.2	-88	-88	60	130	
2018/19-2	Lab	LCS, RPD	12/14/2018	Organic	Benzo(a)pyrene	n/a	=	0.7	%	EPA 525.2	-88	-88	0	30	
2018/19-2	Lab	method blank	12/15/2018	Organic	Benzo(a)pyrene	n/a	<	0.07	µg/L	EPA 525.2	0.07	0.1			
2018/19-2	Lab	LCS	12/15/2018	Organic	Benzo(a)pyrene	n/a	=	4.08	µg/L	EPA 525.2	0.07	0.1			
2018/19-2	Lab	LCS, rec	12/15/2018	Organic	Benzo(a)pyrene	n/a	=	82	%	EPA 525.2	-88	-88	60	130	
2018/19-2	Lab	LCS dup	12/15/2018	Organic	Benzo(a)pyrene	n/a	=	4.21	µg/L	EPA 525.2	0.07	0.1			
2018/19-2	Lab	LCS dup, rec	12/15/2018	Organic	Benzo(a)pyrene	n/a	=	84	%	EPA 525.2	-88	-88	60	130	
2018/19-2	Lab	LCS, RPD	12/15/2018	Organic	Benzo(a)pyrene	n/a	=	3	%	EPA 525.2	-88	-88	0	30	
2018/19-2	Lab	method blank	12/19/2018	Organic	Benzo(a)pyrene	n/a	<	0.07	µg/L	EPA 525.2	0.07	0.1			
2018/19-2	Lab	LCS	12/19/2018	Organic	Benzo(a)pyrene	n/a	=	3.66	µg/L	EPA 525.2	0.07	0.1			
2018/19-2	Lab	LCS, rec	12/19/2018	Organic	Benzo(a)pyrene	n/a	=	73	%	EPA 525.2	-88	-88	60	130	
2018/19-2	Lab	LCS dup	12/19/2018	Organic	Benzo(a)pyrene	n/a	=	3.54	µg/L	EPA 525.2	0.07	0.1			
2018/19-2	Lab	LCS dup, rec	12/19/2018	Organic	Benzo(a)pyrene	n/a	=	71	%	EPA 525.2	-88	-88	60	130	
2018/19-2	Lab	LCS, RPD	12/19/2018	Organic	Benzo(a)pyrene	n/a	=	3	%	EPA 525.2	-88	-88	0	30	

Appendix F
Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2018/19-2	Lab	method blank	1/6/2019	Organic	Benzo(a)pyrene	n/a	<	0.13	µg/L	EPA 625	0.13	1			
2018/19-2	Lab	LCS	1/6/2019	Organic	Benzo(a)pyrene	n/a	=	23.5	µg/L	EPA 625	0.13	1			
2018/19-2	Lab	LCS, rec	1/6/2019	Organic	Benzo(a)pyrene	n/a	=	94	%	EPA 625	-88	-88	17	163	
2018/19-2	Lab	LCS dup	1/6/2019	Organic	Benzo(a)pyrene	n/a	=	22.7	µg/L	EPA 625	0.13	1			
2018/19-2	Lab	LCS dup, rec	1/6/2019	Organic	Benzo(a)pyrene	n/a	=	91	%	EPA 625	-88	-88	17	163	
2018/19-2	Lab	LCS, RPD	1/6/2019	Organic	Benzo(a)pyrene	n/a	=	3	%	EPA 625	-88	-88	0	30	
2018/19-2	Lab	method blank	1/11/2019	Organic	Benzo(a)pyrene	n/a	<	0.1	µg/L	EPA 8270C	0.1	0.1			
2018/19-2	Lab	LCS	1/11/2019	Organic	Benzo(a)pyrene	n/a	=	8.7	µg/L	EPA 8270C	0.1	0.1			
2018/19-2	Lab	LCS, rec	1/11/2019	Organic	Benzo(a)pyrene	n/a	=	87	%	EPA 8270C	-88	-88	12	131	
2018/19-2	Lab	LCS dup	1/11/2019	Organic	Benzo(a)pyrene	n/a	=	9.33	µg/L	EPA 8270C	0.1	0.1			
2018/19-2	Lab	LCS dup, rec	1/11/2019	Organic	Benzo(a)pyrene	n/a	=	93	%	EPA 8270C	-88	-88	12	131	
2018/19-2	Lab	LCS, RPD	1/11/2019	Organic	Benzo(a)pyrene	n/a	=	7	%	EPA 8270C	-88	-88	0	30	
2018/19-2	Lab	method blank	1/6/2019	Organic	Benzo(b)fluoranthene	n/a	<	0.14	µg/L	EPA 625	0.14	1			
2018/19-2	Lab	LCS	1/6/2019	Organic	Benzo(b)fluoranthene	n/a	=	24.2	µg/L	EPA 625	0.14	1			
2018/19-2	Lab	LCS, rec	1/6/2019	Organic	Benzo(b)fluoranthene	n/a	=	97	%	EPA 625	-88	-88	24	159	
2018/19-2	Lab	LCS dup	1/6/2019	Organic	Benzo(b)fluoranthene	n/a	=	22.8	µg/L	EPA 625	0.14	1			
2018/19-2	Lab	LCS dup, rec	1/6/2019	Organic	Benzo(b)fluoranthene	n/a	=	91	%	EPA 625	-88	-88	24	159	
2018/19-2	Lab	LCS, RPD	1/6/2019	Organic	Benzo(b)fluoranthene	n/a	=	6	%	EPA 625	-88	-88	0	30	
2018/19-2	Lab	method blank	1/11/2019	Organic	Benzo(b)fluoranthene	n/a	<	0.1	µg/L	EPA 8270C	0.1	0.1			
2018/19-2	Lab	LCS	1/11/2019	Organic	Benzo(b)fluoranthene	n/a	=	8.95	µg/L	EPA 8270C	0.1	0.1			
2018/19-2	Lab	LCS, rec	1/11/2019	Organic	Benzo(b)fluoranthene	n/a	=	89	%	EPA 8270C	-88	-88	19	129	
2018/19-2	Lab	LCS dup	1/11/2019	Organic	Benzo(b)fluoranthene	n/a	=	9.54	µg/L	EPA 8270C	0.1	0.1			
2018/19-2	Lab	LCS dup, rec	1/11/2019	Organic	Benzo(b)fluoranthene	n/a	=	95	%	EPA 8270C	-88	-88	19	129	
2018/19-2	Lab	LCS, RPD	1/11/2019	Organic	Benzo(b)fluoranthene	n/a	=	6	%	EPA 8270C	-88	-88	0	30	
2018/19-2	Lab	method blank	1/6/2019	Organic	Benzo(g,h,i)perylene	n/a	<	0.1	µg/L	EPA 625	0.1	2			
2018/19-2	Lab	LCS	1/6/2019	Organic	Benzo(g,h,i)perylene	n/a	=	25.9	µg/L	EPA 625	0.1	2			
2018/19-2	Lab	LCS, rec	1/6/2019	Organic	Benzo(g,h,i)perylene	n/a	=	104	%	EPA 625	-88	-88	0.1	219	
2018/19-2	Lab	LCS dup	1/6/2019	Organic	Benzo(g,h,i)perylene	n/a	=	24.3	µg/L	EPA 625	0.1	2			
2018/19-2	Lab	LCS dup, rec	1/6/2019	Organic	Benzo(g,h,i)perylene	n/a	=	97	%	EPA 625	-88	-88	0.1	219	
2018/19-2	Lab	LCS, RPD	1/6/2019	Organic	Benzo(g,h,i)perylene	n/a	=	6	%	EPA 625	-88	-88	0	30	
2018/19-2	Lab	method blank	1/11/2019	Organic	Benzo(g,h,i)perylene	n/a	<	0.1	µg/L	EPA 8270C	0.1	0.1			
2018/19-2	Lab	LCS	1/11/2019	Organic	Benzo(g,h,i)perylene	n/a	=	8.39	µg/L	EPA 8270C	0.1	0.1			
2018/19-2	Lab	LCS, rec	1/11/2019	Organic	Benzo(g,h,i)perylene	n/a	=	84	%	EPA 8270C	-88	-88	14	139	
2018/19-2	Lab	LCS dup	1/11/2019	Organic	Benzo(g,h,i)perylene	n/a	=	8.98	µg/L	EPA 8270C	0.1	0.1			
2018/19-2	Lab	LCS dup, rec	1/11/2019	Organic	Benzo(g,h,i)perylene	n/a	=	90	%	EPA 8270C	-88	-88	14	139	
2018/19-2	Lab	LCS, RPD	1/11/2019	Organic	Benzo(g,h,i)perylene	n/a	=	7	%	EPA 8270C	-88	-88	0	30	
2018/19-2	Lab	method blank	1/6/2019	Organic	Benzo(k)fluoranthene	n/a	<	0.22	µg/L	EPA 625	0.22	1			
2018/19-2	Lab	LCS	1/6/2019	Organic	Benzo(k)fluoranthene	n/a	=	24.1	µg/L	EPA 625	0.22	1			
2018/19-2	Lab	LCS, rec	1/6/2019	Organic	Benzo(k)fluoranthene	n/a	=	97	%	EPA 625	-88	-88	11	162	
2018/19-2	Lab	LCS dup	1/6/2019	Organic	Benzo(k)fluoranthene	n/a	=	22.5	µg/L	EPA 625	0.22	1			
2018/19-2	Lab	LCS dup, rec	1/6/2019	Organic	Benzo(k)fluoranthene	n/a	=	90	%	EPA 625	-88	-88	11	162	
2018/19-2	Lab	LCS, RPD	1/6/2019	Organic	Benzo(k)fluoranthene	n/a	=	7	%	EPA 625	-88	-88	0	30	
2018/19-2	Lab	method blank	1/11/2019	Organic	Benzo(k)fluoranthene	n/a	<	0.1	µg/L	EPA 8270C	0.1	0.1			
2018/19-2	Lab	LCS	1/11/2019	Organic	Benzo(k)fluoranthene	n/a	=	8.89	µg/L	EPA 8270C	0.1	0.1			
2018/19-2	Lab	LCS, rec	1/11/2019	Organic	Benzo(k)fluoranthene	n/a	=	89	%	EPA 8270C	-88	-88	22	127	
2018/19-2	Lab	LCS dup	1/11/2019	Organic	Benzo(k)fluoranthene	n/a	=	9.41	µg/L	EPA 8270C	0.1	0.1			
2018/19-2	Lab	LCS dup, rec	1/11/2019	Organic	Benzo(k)fluoranthene	n/a	=	94	%	EPA 8270C	-88	-88	22	127	

Appendix F
Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2018/19-2	Lab	LCS, RPD	1/11/2019	Organic	Benzo(k)fluoranthene	n/a	=	6	%	EPA 8270C	-88	-88	0	30	
2018/19-2	Lab	method blank	1/6/2019	Organic	Bis(2-chloroethoxy)methane	n/a	<	0.25	µg/L	EPA 625	0.25	1			
2018/19-2	Lab	LCS	1/6/2019	Organic	Bis(2-chloroethoxy)methane	n/a	=	21.6	µg/L	EPA 625	0.25	1			
2018/19-2	Lab	LCS, rec	1/6/2019	Organic	Bis(2-chloroethoxy)methane	n/a	=	86	%	EPA 625	-88	-88	33	184	
2018/19-2	Lab	LCS dup	1/6/2019	Organic	Bis(2-chloroethoxy)methane	n/a	=	19.2	µg/L	EPA 625	0.25	1			
2018/19-2	Lab	LCS dup, rec	1/6/2019	Organic	Bis(2-chloroethoxy)methane	n/a	=	77	%	EPA 625	-88	-88	33	184	
2018/19-2	Lab	LCS, RPD	1/6/2019	Organic	Bis(2-chloroethoxy)methane	n/a	=	12	%	EPA 625	-88	-88	0	30	
2018/19-2	Lab	method blank	1/6/2019	Organic	Bis(2-chloroethyl)ether	n/a	<	0.27	µg/L	EPA 625	0.27	1			
2018/19-2	Lab	LCS	1/6/2019	Organic	Bis(2-chloroethyl)ether	n/a	=	17.4	µg/L	EPA 625	0.27	1			
2018/19-2	Lab	LCS, rec	1/6/2019	Organic	Bis(2-chloroethyl)ether	n/a	=	70	%	EPA 625	-88	-88	12	158	
2018/19-2	Lab	LCS dup	1/6/2019	Organic	Bis(2-chloroethyl)ether	n/a	=	15.3	µg/L	EPA 625	0.27	1			
2018/19-2	Lab	LCS dup, rec	1/6/2019	Organic	Bis(2-chloroethyl)ether	n/a	=	61	%	EPA 625	-88	-88	12	158	
2018/19-2	Lab	LCS, RPD	1/6/2019	Organic	Bis(2-chloroethyl)ether	n/a	=	13	%	EPA 625	-88	-88	0	30	
2018/19-2	Lab	method blank	1/6/2019	Organic	Bis(2-chloroisopropyl)ether	n/a	<	0.38	µg/L	EPA 625	0.38	1			
2018/19-2	Lab	LCS	1/6/2019	Organic	Bis(2-chloroisopropyl)ether	n/a	=	18.9	µg/L	EPA 625	0.38	1			
2018/19-2	Lab	LCS, rec	1/6/2019	Organic	Bis(2-chloroisopropyl)ether	n/a	=	75	%	EPA 625	-88	-88	36	166	
2018/19-2	Lab	LCS dup	1/6/2019	Organic	Bis(2-chloroisopropyl)ether	n/a	=	16.5	µg/L	EPA 625	0.38	1			
2018/19-2	Lab	LCS dup, rec	1/6/2019	Organic	Bis(2-chloroisopropyl)ether	n/a	=	66	%	EPA 625	-88	-88	36	166	
2018/19-2	Lab	LCS, RPD	1/6/2019	Organic	Bis(2-chloroisopropyl)ether	n/a	=	13	%	EPA 625	-88	-88	0	30	
2018/19-2	Lab	method blank	12/14/2018	Organic	Bis(2-ethylhexyl)adipate	n/a	<	0.1	µg/L	EPA 525.2	0.1	5			
2018/19-2	Lab	LCS	12/14/2018	Organic	Bis(2-ethylhexyl)adipate	n/a	=	5.21	µg/L	EPA 525.2	0.1	5			
2018/19-2	Lab	LCS, rec	12/14/2018	Organic	Bis(2-ethylhexyl)adipate	n/a	=	104	%	EPA 525.2	-88	-88	70	130	
2018/19-2	Lab	LCS dup	12/14/2018	Organic	Bis(2-ethylhexyl)adipate	n/a	=	5.24	µg/L	EPA 525.2	0.1	5			
2018/19-2	Lab	LCS dup, rec	12/14/2018	Organic	Bis(2-ethylhexyl)adipate	n/a	=	105	%	EPA 525.2	-88	-88	70	130	
2018/19-2	Lab	LCS, RPD	12/14/2018	Organic	Bis(2-ethylhexyl)adipate	n/a	=	0.5	%	EPA 525.2	-88	-88	0	30	
2018/19-2	Lab	method blank	12/15/2018	Organic	Bis(2-ethylhexyl)adipate	n/a	<	0.1	µg/L	EPA 525.2	0.1	5			
2018/19-2	Lab	LCS	12/15/2018	Organic	Bis(2-ethylhexyl)adipate	n/a	DNQ	4.62	µg/L	EPA 525.2	0.1	5			
2018/19-2	Lab	LCS, rec	12/15/2018	Organic	Bis(2-ethylhexyl)adipate	n/a	=	92	%	EPA 525.2	-88	-88	70	130	
2018/19-2	Lab	LCS dup	12/15/2018	Organic	Bis(2-ethylhexyl)adipate	n/a	DNQ	4.81	µg/L	EPA 525.2	0.1	5			
2018/19-2	Lab	LCS dup, rec	12/15/2018	Organic	Bis(2-ethylhexyl)adipate	n/a	=	96	%	EPA 525.2	-88	-88	70	130	
2018/19-2	Lab	LCS, RPD	12/15/2018	Organic	Bis(2-ethylhexyl)adipate	n/a	=	4	%	EPA 525.2	-88	-88	0	30	
2018/19-2	Lab	method blank	12/19/2018	Organic	Bis(2-ethylhexyl)adipate	n/a	<	0.1	µg/L	EPA 525.2	0.1	5			
2018/19-2	Lab	LCS	12/19/2018	Organic	Bis(2-ethylhexyl)adipate	n/a	=	5	µg/L	EPA 525.2	0.1	5			
2018/19-2	Lab	LCS, rec	12/19/2018	Organic	Bis(2-ethylhexyl)adipate	n/a	=	100	%	EPA 525.2	-88	-88	70	130	
2018/19-2	Lab	LCS dup	12/19/2018	Organic	Bis(2-ethylhexyl)adipate	n/a	DNQ	4.8	µg/L	EPA 525.2	0.1	5			
2018/19-2	Lab	LCS dup, rec	12/19/2018	Organic	Bis(2-ethylhexyl)adipate	n/a	=	96	%	EPA 525.2	-88	-88	70	130	
2018/19-2	Lab	LCS, RPD	12/19/2018	Organic	Bis(2-ethylhexyl)adipate	n/a	=	4	%	EPA 525.2	-88	-88	0	30	
2018/19-2	Lab	method blank	12/14/2018	Organic	Bis(2-ethylhexyl)phthalate	n/a	<	1.1	µg/L	EPA 525.2	1.1	3			
2018/19-2	Lab	LCS	12/14/2018	Organic	Bis(2-ethylhexyl)phthalate	n/a	=	5.45	µg/L	EPA 525.2	1.1	3			
2018/19-2	Lab	LCS, rec	12/14/2018	Organic	Bis(2-ethylhexyl)phthalate	n/a	=	109	%	EPA 525.2	-88	-88	70	130	
2018/19-2	Lab	LCS dup	12/14/2018	Organic	Bis(2-ethylhexyl)phthalate	n/a	=	5.08	µg/L	EPA 525.2	1.1	3			
2018/19-2	Lab	LCS dup, rec	12/14/2018	Organic	Bis(2-ethylhexyl)phthalate	n/a	=	102	%	EPA 525.2	-88	-88	70	130	
2018/19-2	Lab	LCS, RPD	12/14/2018	Organic	Bis(2-ethylhexyl)phthalate	n/a	=	7	%	EPA 525.2	-88	-88	0	30	
2018/19-2	Lab	method blank	12/15/2018	Organic	Bis(2-ethylhexyl)phthalate	n/a	<	1.1	µg/L	EPA 525.2	1.1	3			
2018/19-2	Lab	LCS	12/15/2018	Organic	Bis(2-ethylhexyl)phthalate	n/a	=	4.5	µg/L	EPA 525.2	1.1	3			
2018/19-2	Lab	LCS, rec	12/15/2018	Organic	Bis(2-ethylhexyl)phthalate	n/a	=	90	%	EPA 525.2	-88	-88	70	130	
2018/19-2	Lab	LCS dup	12/15/2018	Organic	Bis(2-ethylhexyl)phthalate	n/a	=	4.62	µg/L	EPA 525.2	1.1	3			

Appendix F
Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2018/19-2	Lab	LCS dup, rec	12/15/2018	Organic	Bis(2-ethylhexyl)phthalate	n/a	=	92	%	EPA 525.2	-88	-88	70	130	
2018/19-2	Lab	LCS, RPD	12/15/2018	Organic	Bis(2-ethylhexyl)phthalate	n/a	=	3	%	EPA 525.2	-88	-88	0	30	
2018/19-2	Lab	method blank	12/19/2018	Organic	Bis(2-ethylhexyl)phthalate	n/a	<	1.1	µg/L	EPA 525.2	1.1	3			
2018/19-2	Lab	LCS	12/19/2018	Organic	Bis(2-ethylhexyl)phthalate	n/a	=	4.84	µg/L	EPA 525.2	1.1	3			
2018/19-2	Lab	LCS, rec	12/19/2018	Organic	Bis(2-ethylhexyl)phthalate	n/a	=	97	%	EPA 525.2	-88	-88	70	130	
2018/19-2	Lab	LCS dup	12/19/2018	Organic	Bis(2-ethylhexyl)phthalate	n/a	=	4.64	µg/L	EPA 525.2	1.1	3			
2018/19-2	Lab	LCS dup, rec	12/19/2018	Organic	Bis(2-ethylhexyl)phthalate	n/a	=	93	%	EPA 525.2	-88	-88	70	130	
2018/19-2	Lab	LCS, RPD	12/19/2018	Organic	Bis(2-ethylhexyl)phthalate	n/a	=	4	%	EPA 525.2	-88	-88	0	30	
2018/19-2	Lab	method blank	1/6/2019	Organic	Bis(2-ethylhexyl)phthalate	n/a	DNQ	3.19	µg/L	EPA 625	2.3	5			IP
2018/19-2	Lab	LCS	1/6/2019	Organic	Bis(2-ethylhexyl)phthalate	n/a	=	21.7	µg/L	EPA 625	2.3	5			
2018/19-2	Lab	LCS, rec	1/6/2019	Organic	Bis(2-ethylhexyl)phthalate	n/a	=	87	%	EPA 625	-88	-88	8	158	
2018/19-2	Lab	LCS dup	1/6/2019	Organic	Bis(2-ethylhexyl)phthalate	n/a	=	20	µg/L	EPA 625	2.3	5			
2018/19-2	Lab	LCS dup, rec	1/6/2019	Organic	Bis(2-ethylhexyl)phthalate	n/a	=	80	%	EPA 625	-88	-88	8	158	
2018/19-2	Lab	LCS, RPD	1/6/2019	Organic	Bis(2-ethylhexyl)phthalate	n/a	=	8	%	EPA 625	-88	-88	0	30	
2018/19-2	Lab	method blank	1/6/2019	Organic	Butyl benzyl phthalate	n/a	DNQ	0.197	µg/L	EPA 625	0.18	1			IP
2018/19-2	Lab	LCS	1/6/2019	Organic	Butyl benzyl phthalate	n/a	=	21.6	µg/L	EPA 625	0.18	1			
2018/19-2	Lab	LCS, rec	1/6/2019	Organic	Butyl benzyl phthalate	n/a	=	86	%	EPA 625	-88	-88	0.1	152	
2018/19-2	Lab	LCS dup	1/6/2019	Organic	Butyl benzyl phthalate	n/a	=	20.4	µg/L	EPA 625	0.18	1			
2018/19-2	Lab	LCS dup, rec	1/6/2019	Organic	Butyl benzyl phthalate	n/a	=	82	%	EPA 625	-88	-88	0.1	152	
2018/19-2	Lab	LCS, RPD	1/6/2019	Organic	Butyl benzyl phthalate	n/a	=	5	%	EPA 625	-88	-88	0	30	
2018/19-2	Lab	method blank	1/6/2019	Organic	Chrysene	n/a	<	0.19	µg/L	EPA 625	0.19	1			
2018/19-2	Lab	LCS	1/6/2019	Organic	Chrysene	n/a	=	24.2	µg/L	EPA 625	0.19	1			
2018/19-2	Lab	LCS, rec	1/6/2019	Organic	Chrysene	n/a	=	97	%	EPA 625	-88	-88	17	168	
2018/19-2	Lab	LCS dup	1/6/2019	Organic	Chrysene	n/a	=	23	µg/L	EPA 625	0.19	1			
2018/19-2	Lab	LCS dup, rec	1/6/2019	Organic	Chrysene	n/a	=	92	%	EPA 625	-88	-88	17	168	
2018/19-2	Lab	LCS, RPD	1/6/2019	Organic	Chrysene	n/a	=	5	%	EPA 625	-88	-88	0	30	
2018/19-2	Lab	method blank	1/11/2019	Organic	Chrysene	n/a	<	0.1	µg/L	EPA 8270C	0.1	0.1			
2018/19-2	Lab	LCS	1/11/2019	Organic	Chrysene	n/a	=	9.8	µg/L	EPA 8270C	0.1	0.1			
2018/19-2	Lab	LCS, rec	1/11/2019	Organic	Chrysene	n/a	=	98	%	EPA 8270C	-88	-88	32	126	
2018/19-2	Lab	LCS dup	1/11/2019	Organic	Chrysene	n/a	=	10.3	µg/L	EPA 8270C	0.1	0.1			
2018/19-2	Lab	LCS dup, rec	1/11/2019	Organic	Chrysene	n/a	=	103	%	EPA 8270C	-88	-88	32	126	
2018/19-2	Lab	LCS, RPD	1/11/2019	Organic	Chrysene	n/a	=	5	%	EPA 8270C	-88	-88	0	30	
2018/19-2	Lab	method blank	1/6/2019	Organic	Dibenz(a,h)anthracene	n/a	<	0.08	µg/L	EPA 625	0.08	2			
2018/19-2	Lab	LCS	1/6/2019	Organic	Dibenz(a,h)anthracene	n/a	=	27.1	µg/L	EPA 625	0.08	2			
2018/19-2	Lab	LCS, rec	1/6/2019	Organic	Dibenz(a,h)anthracene	n/a	=	108	%	EPA 625	-88	-88	0.1	227	
2018/19-2	Lab	LCS dup	1/6/2019	Organic	Dibenz(a,h)anthracene	n/a	=	25.2	µg/L	EPA 625	0.08	2			
2018/19-2	Lab	LCS dup, rec	1/6/2019	Organic	Dibenz(a,h)anthracene	n/a	=	101	%	EPA 625	-88	-88	0.1	227	
2018/19-2	Lab	LCS, RPD	1/6/2019	Organic	Dibenz(a,h)anthracene	n/a	=	7	%	EPA 625	-88	-88	0	30	
2018/19-2	Lab	method blank	1/11/2019	Organic	Dibenz(a,h)anthracene	n/a	<	0.1	µg/L	EPA 8270C	0.1	0.1			
2018/19-2	Lab	LCS	1/11/2019	Organic	Dibenz(a,h)anthracene	n/a	=	9.08	µg/L	EPA 8270C	0.1	0.1			
2018/19-2	Lab	LCS, rec	1/11/2019	Organic	Dibenz(a,h)anthracene	n/a	=	91	%	EPA 8270C	-88	-88	9	147	
2018/19-2	Lab	LCS dup	1/11/2019	Organic	Dibenz(a,h)anthracene	n/a	=	9.73	µg/L	EPA 8270C	0.1	0.1			
2018/19-2	Lab	LCS dup, rec	1/11/2019	Organic	Dibenz(a,h)anthracene	n/a	=	97	%	EPA 8270C	-88	-88	9	147	
2018/19-2	Lab	LCS, RPD	1/11/2019	Organic	Dibenz(a,h)anthracene	n/a	=	7	%	EPA 8270C	-88	-88	0	30	
2018/19-2	Lab	method blank	1/6/2019	Organic	Diethyl phthalate	n/a	<	0.15	µg/L	EPA 625	0.15	1			
2018/19-2	Lab	LCS	1/6/2019	Organic	Diethyl phthalate	n/a	=	22.3	µg/L	EPA 625	0.15	1			
2018/19-2	Lab	LCS, rec	1/6/2019	Organic	Diethyl phthalate	n/a	=	89	%	EPA 625	-88	-88	0.1	114	

Appendix F
Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2018/19-2	Lab	LCS dup	1/6/2019	Organic	Diethyl phthalate	n/a	=	20.6	µg/L	EPA 625	0.15	1			
2018/19-2	Lab	LCS dup, rec	1/6/2019	Organic	Diethyl phthalate	n/a	=	82	%	EPA 625	-88	-88	0.1	114	
2018/19-2	Lab	LCS, RPD	1/6/2019	Organic	Diethyl phthalate	n/a	=	8	%	EPA 625	-88	-88	0	30	
2018/19-2	Lab	method blank	1/6/2019	Organic	Dimethyl phthalate	n/a	<	0.18	µg/L	EPA 625	0.18	1			
2018/19-2	Lab	LCS	1/6/2019	Organic	Dimethyl phthalate	n/a	=	20.7	µg/L	EPA 625	0.18	1			
2018/19-2	Lab	LCS, rec	1/6/2019	Organic	Dimethyl phthalate	n/a	=	83	%	EPA 625	-88	-88	0.1	112	
2018/19-2	Lab	LCS dup	1/6/2019	Organic	Dimethyl phthalate	n/a	=	19.4	µg/L	EPA 625	0.18	1			
2018/19-2	Lab	LCS dup, rec	1/6/2019	Organic	Dimethyl phthalate	n/a	=	77	%	EPA 625	-88	-88	0.1	112	
2018/19-2	Lab	LCS, RPD	1/6/2019	Organic	Dimethyl phthalate	n/a	=	7	%	EPA 625	-88	-88	0	30	
2018/19-2	Lab	method blank	1/6/2019	Organic	Di-n-butylphthalate	n/a	<	0.24	µg/L	EPA 625	0.24	1			
2018/19-2	Lab	LCS	1/6/2019	Organic	Di-n-butylphthalate	n/a	=	23.3	µg/L	EPA 625	0.24	1			
2018/19-2	Lab	LCS, rec	1/6/2019	Organic	Di-n-butylphthalate	n/a	=	93	%	EPA 625	-88	-88	1	118	
2018/19-2	Lab	LCS dup	1/6/2019	Organic	Di-n-butylphthalate	n/a	=	22.3	µg/L	EPA 625	0.24	1			
2018/19-2	Lab	LCS dup, rec	1/6/2019	Organic	Di-n-butylphthalate	n/a	=	89	%	EPA 625	-88	-88	1	118	
2018/19-2	Lab	LCS, RPD	1/6/2019	Organic	Di-n-butylphthalate	n/a	=	5	%	EPA 625	-88	-88	0	30	
2018/19-2	Lab	method blank	1/6/2019	Organic	Di-n-butylphthalate	n/a	<	0.19	µg/L	EPA 625	0.19	1			
2018/19-2	Lab	LCS	1/6/2019	Organic	Di-n-butylphthalate	n/a	=	23.3	µg/L	EPA 625	0.19	1			
2018/19-2	Lab	LCS, rec	1/6/2019	Organic	Di-n-butylphthalate	n/a	=	93	%	EPA 625	-88	-88	4	146	
2018/19-2	Lab	LCS dup	1/6/2019	Organic	Di-n-butylphthalate	n/a	=	21.7	µg/L	EPA 625	0.19	1			
2018/19-2	Lab	LCS dup, rec	1/6/2019	Organic	Di-n-butylphthalate	n/a	=	87	%	EPA 625	-88	-88	4	146	
2018/19-2	Lab	LCS, RPD	1/6/2019	Organic	Di-n-butylphthalate	n/a	=	7	%	EPA 625	-88	-88	0	30	
2018/19-2	Lab	method blank	1/6/2019	Organic	Fluoranthene	n/a	<	0.22	µg/L	EPA 625	0.22	1			
2018/19-2	Lab	LCS	1/6/2019	Organic	Fluoranthene	n/a	=	23.4	µg/L	EPA 625	0.22	1			
2018/19-2	Lab	LCS, rec	1/6/2019	Organic	Fluoranthene	n/a	=	93	%	EPA 625	-88	-88	26	137	
2018/19-2	Lab	LCS dup	1/6/2019	Organic	Fluoranthene	n/a	=	22.5	µg/L	EPA 625	0.22	1			
2018/19-2	Lab	LCS dup, rec	1/6/2019	Organic	Fluoranthene	n/a	=	90	%	EPA 625	-88	-88	26	137	
2018/19-2	Lab	LCS, RPD	1/6/2019	Organic	Fluoranthene	n/a	=	4	%	EPA 625	-88	-88	0	30	
2018/19-2	Lab	method blank	1/11/2019	Organic	Fluoranthene	n/a	<	0.1	µg/L	EPA 8270C	0.1	0.1			
2018/19-2	Lab	LCS	1/11/2019	Organic	Fluoranthene	n/a	=	8.59	µg/L	EPA 8270C	0.1	0.1			
2018/19-2	Lab	LCS, rec	1/11/2019	Organic	Fluoranthene	n/a	=	86	%	EPA 8270C	-88	-88	22	131	
2018/19-2	Lab	LCS dup	1/11/2019	Organic	Fluoranthene	n/a	=	8.99	µg/L	EPA 8270C	0.1	0.1			
2018/19-2	Lab	LCS dup, rec	1/11/2019	Organic	Fluoranthene	n/a	=	90	%	EPA 8270C	-88	-88	22	131	
2018/19-2	Lab	LCS, RPD	1/11/2019	Organic	Fluoranthene	n/a	=	5	%	EPA 8270C	-88	-88	0	30	
2018/19-2	Lab	method blank	1/6/2019	Organic	Fluorene	n/a	<	0.35	µg/L	EPA 625	0.35	1			
2018/19-2	Lab	LCS	1/6/2019	Organic	Fluorene	n/a	=	21.8	µg/L	EPA 625	0.35	1			
2018/19-2	Lab	LCS, rec	1/6/2019	Organic	Fluorene	n/a	=	87	%	EPA 625	-88	-88	59	121	
2018/19-2	Lab	LCS dup	1/6/2019	Organic	Fluorene	n/a	=	19.9	µg/L	EPA 625	0.35	1			
2018/19-2	Lab	LCS dup, rec	1/6/2019	Organic	Fluorene	n/a	=	79	%	EPA 625	-88	-88	59	121	
2018/19-2	Lab	LCS, RPD	1/6/2019	Organic	Fluorene	n/a	=	9	%	EPA 625	-88	-88	0	30	
2018/19-2	Lab	method blank	1/11/2019	Organic	Fluorene	n/a	<	0.1	µg/L	EPA 8270C	0.1	0.1			
2018/19-2	Lab	LCS	1/11/2019	Organic	Fluorene	n/a	=	8.4	µg/L	EPA 8270C	0.1	0.1			
2018/19-2	Lab	LCS, rec	1/11/2019	Organic	Fluorene	n/a	=	84	%	EPA 8270C	-88	-88	19	122	
2018/19-2	Lab	LCS dup	1/11/2019	Organic	Fluorene	n/a	=	8.74	µg/L	EPA 8270C	0.1	0.1			
2018/19-2	Lab	LCS dup, rec	1/11/2019	Organic	Fluorene	n/a	=	87	%	EPA 8270C	-88	-88	19	122	
2018/19-2	Lab	LCS, RPD	1/11/2019	Organic	Fluorene	n/a	=	4	%	EPA 8270C	-88	-88	0	30	
2018/19-2	Lab	method blank	1/6/2019	Organic	Hexachlorobenzene	n/a	<	0.49	µg/L	EPA 625	0.49	1			
2018/19-2	Lab	LCS	1/6/2019	Organic	Hexachlorobenzene	n/a	=	21.3	µg/L	EPA 625	0.49	1			

Appendix F
Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2018/19-2	Lab	LCS, rec	1/6/2019	Organic	Hexachlorobenzene	n/a	=	85	%	EPA 625	-88	-88	0.1	152	
2018/19-2	Lab	LCS dup	1/6/2019	Organic	Hexachlorobenzene	n/a	=	19.5	µg/L	EPA 625	0.49	1			
2018/19-2	Lab	LCS dup, rec	1/6/2019	Organic	Hexachlorobenzene	n/a	=	78	%	EPA 625	-88	-88	0.1	152	
2018/19-2	Lab	LCS, RPD	1/6/2019	Organic	Hexachlorobenzene	n/a	=	9	%	EPA 625	-88	-88	0	30	
2018/19-2	Lab	method blank	1/6/2019	Organic	Hexachlorobutadiene	n/a	<	0.47	µg/L	EPA 625	0.47	1			
2018/19-2	Lab	LCS	1/6/2019	Organic	Hexachlorobutadiene	n/a	=	19.6	µg/L	EPA 625	0.47	1			
2018/19-2	Lab	LCS, rec	1/6/2019	Organic	Hexachlorobutadiene	n/a	=	78	%	EPA 625	-88	-88	24	116	
2018/19-2	Lab	LCS dup	1/6/2019	Organic	Hexachlorobutadiene	n/a	=	16.5	µg/L	EPA 625	0.47	1			
2018/19-2	Lab	LCS dup, rec	1/6/2019	Organic	Hexachlorobutadiene	n/a	=	66	%	EPA 625	-88	-88	24	116	
2018/19-2	Lab	LCS, RPD	1/6/2019	Organic	Hexachlorobutadiene	n/a	=	17	%	EPA 625	-88	-88	0	30	
2018/19-2	Lab	method blank	1/6/2019	Organic	Hexachlorocyclopentadiene	n/a	<	1.5	µg/L	EPA 625	1.5	5			
2018/19-2	Lab	LCS	1/6/2019	Organic	Hexachlorocyclopentadiene	n/a	=	16.5	µg/L	EPA 625	1.5	5			
2018/19-2	Lab	LCS, rec	1/6/2019	Organic	Hexachlorocyclopentadiene	n/a	=	66	%	EPA 625	-88	-88	0.1	81	
2018/19-2	Lab	LCS dup	1/6/2019	Organic	Hexachlorocyclopentadiene	n/a	=	14.1	µg/L	EPA 625	1.5	5			
2018/19-2	Lab	LCS dup, rec	1/6/2019	Organic	Hexachlorocyclopentadiene	n/a	=	56	%	EPA 625	-88	-88	0.1	81	
2018/19-2	Lab	LCS, RPD	1/6/2019	Organic	Hexachlorocyclopentadiene	n/a	=	16	%	EPA 625	-88	-88	0	30	
2018/19-2	Lab	method blank	1/6/2019	Organic	Hexachloroethane	n/a	<	0.52	µg/L	EPA 625	0.52	1			
2018/19-2	Lab	LCS	1/6/2019	Organic	Hexachloroethane	n/a	=	19.4	µg/L	EPA 625	0.52	1			
2018/19-2	Lab	LCS, rec	1/6/2019	Organic	Hexachloroethane	n/a	=	77	%	EPA 625	-88	-88	40	113	
2018/19-2	Lab	LCS dup	1/6/2019	Organic	Hexachloroethane	n/a	=	16.2	µg/L	EPA 625	0.52	1			
2018/19-2	Lab	LCS dup, rec	1/6/2019	Organic	Hexachloroethane	n/a	=	65	%	EPA 625	-88	-88	40	113	
2018/19-2	Lab	LCS, RPD	1/6/2019	Organic	Hexachloroethane	n/a	=	18	%	EPA 625	-88	-88	0	30	
2018/19-2	Lab	method blank	1/6/2019	Organic	Indeno(1,2,3-cd)pyrene	n/a	<	0.12	µg/L	EPA 625	0.12	2			
2018/19-2	Lab	LCS	1/6/2019	Organic	Indeno(1,2,3-cd)pyrene	n/a	=	26.6	µg/L	EPA 625	0.12	2			
2018/19-2	Lab	LCS, rec	1/6/2019	Organic	Indeno(1,2,3-cd)pyrene	n/a	=	106	%	EPA 625	-88	-88	0.1	171	
2018/19-2	Lab	LCS dup	1/6/2019	Organic	Indeno(1,2,3-cd)pyrene	n/a	=	24.7	µg/L	EPA 625	0.12	2			
2018/19-2	Lab	LCS dup, rec	1/6/2019	Organic	Indeno(1,2,3-cd)pyrene	n/a	=	99	%	EPA 625	-88	-88	0.1	171	
2018/19-2	Lab	LCS, RPD	1/6/2019	Organic	Indeno(1,2,3-cd)pyrene	n/a	=	7	%	EPA 625	-88	-88	0	30	
2018/19-2	Lab	method blank	1/11/2019	Organic	Indeno(1,2,3-cd)pyrene	n/a	<	0.1	µg/L	EPA 8270C	0.1	0.1			
2018/19-2	Lab	LCS	1/11/2019	Organic	Indeno(1,2,3-cd)pyrene	n/a	=	8.34	µg/L	EPA 8270C	0.1	0.1			
2018/19-2	Lab	LCS, rec	1/11/2019	Organic	Indeno(1,2,3-cd)pyrene	n/a	=	83	%	EPA 8270C	-88	-88	12	136	
2018/19-2	Lab	LCS dup	1/11/2019	Organic	Indeno(1,2,3-cd)pyrene	n/a	=	8.92	µg/L	EPA 8270C	0.1	0.1			
2018/19-2	Lab	LCS dup, rec	1/11/2019	Organic	Indeno(1,2,3-cd)pyrene	n/a	=	89	%	EPA 8270C	-88	-88	12	136	
2018/19-2	Lab	LCS, RPD	1/11/2019	Organic	Indeno(1,2,3-cd)pyrene	n/a	=	7	%	EPA 8270C	-88	-88	0	30	
2018/19-2	Lab	method blank	1/6/2019	Organic	Isophorone	n/a	<	0.21	µg/L	EPA 625	0.21	1			
2018/19-2	Lab	LCS	1/6/2019	Organic	Isophorone	n/a	=	22.8	µg/L	EPA 625	0.21	1			
2018/19-2	Lab	LCS, rec	1/6/2019	Organic	Isophorone	n/a	=	91	%	EPA 625	-88	-88	21	196	
2018/19-2	Lab	LCS dup	1/6/2019	Organic	Isophorone	n/a	=	20.6	µg/L	EPA 625	0.21	1			
2018/19-2	Lab	LCS dup, rec	1/6/2019	Organic	Isophorone	n/a	=	82	%	EPA 625	-88	-88	21	196	
2018/19-2	Lab	LCS, RPD	1/6/2019	Organic	Isophorone	n/a	=	10	%	EPA 625	-88	-88	0	30	
2018/19-2	Lab	LCS	12/3/2018	Organic	Methyl tert-butyl ether (MTBE)	n/a	=	43.2	µg/L	EPA 624	0.25	1			
2018/19-2	Lab	LCS, rec	12/3/2018	Organic	Methyl tert-butyl ether (MTBE)	n/a	=	86	%	EPA 624	-88	-88	80	128	
2018/19-2	Lab	LCS dup	12/3/2018	Organic	Methyl tert-butyl ether (MTBE)	n/a	=	47	µg/L	EPA 624	0.25	1			
2018/19-2	Lab	LCS dup, rec	12/3/2018	Organic	Methyl tert-butyl ether (MTBE)	n/a	=	94	%	EPA 624	-88	-88	80	128	
2018/19-2	Lab	LCS, RPD	12/3/2018	Organic	Methyl tert-butyl ether (MTBE)	n/a	=	8	%	EPA 624	-88	-88	0	25	
2018/19-2	Lab	method blank	12/3/2018	Organic	Methyl tert-butyl ether (MTBE)	n/a	<	0.25	µg/L	EPA 624	0.25	1			
2018/19-2	ME-CC	field blank	12/4/2018	Organic	Methyl tert-butyl ether (MTBE)	n/a	<	0.25	µg/L	EPA 624	0.25	1			

Appendix F
Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2018/19-2	MO-FIL	field duplicate	12/3/2018	Organic	Methyl tert-butyl ether (MTBE)	n/a	<	0.25	µg/L	EPA 624	0.25	1			
2018/19-2	Lab	method blank	1/6/2019	Organic	Naphthalene	n/a	<	0.49	µg/L	EPA 625	0.49	1			
2018/19-2	Lab	LCS	1/6/2019	Organic	Naphthalene	n/a	=	19.4	µg/L	EPA 625	0.49	1			
2018/19-2	Lab	LCS, rec	1/6/2019	Organic	Naphthalene	n/a	=	77	%	EPA 625	-88	-88	21	133	
2018/19-2	Lab	LCS dup	1/6/2019	Organic	Naphthalene	n/a	=	17.1	µg/L	EPA 625	0.49	1			
2018/19-2	Lab	LCS dup, rec	1/6/2019	Organic	Naphthalene	n/a	=	68	%	EPA 625	-88	-88	21	133	
2018/19-2	Lab	LCS, RPD	1/6/2019	Organic	Naphthalene	n/a	=	12	%	EPA 625	-88	-88	0	30	
2018/19-2	Lab	method blank	1/11/2019	Organic	Naphthalene	n/a	<	0.1	µg/L	EPA 8270C	0.1	0.1			
2018/19-2	Lab	LCS	1/11/2019	Organic	Naphthalene	n/a	=	7.78	µg/L	EPA 8270C	0.1	0.1			
2018/19-2	Lab	LCS, rec	1/11/2019	Organic	Naphthalene	n/a	=	78	%	EPA 8270C	-88	-88	12	136	
2018/19-2	Lab	LCS dup	1/11/2019	Organic	Naphthalene	n/a	=	7.84	µg/L	EPA 8270C	0.1	0.1			
2018/19-2	Lab	LCS dup, rec	1/11/2019	Organic	Naphthalene	n/a	=	78	%	EPA 8270C	-88	-88	12	136	
2018/19-2	Lab	LCS, RPD	1/11/2019	Organic	Naphthalene	n/a	=	0.8	%	EPA 8270C	-88	-88	0	30	
2018/19-2	Lab	method blank	1/6/2019	Organic	Nitrobenzene	n/a	<	0.36	µg/L	EPA 625	0.36	1			
2018/19-2	Lab	LCS	1/6/2019	Organic	Nitrobenzene	n/a	=	17.8	µg/L	EPA 625	0.36	1			
2018/19-2	Lab	LCS, rec	1/6/2019	Organic	Nitrobenzene	n/a	=	71	%	EPA 625	-88	-88	35	180	
2018/19-2	Lab	LCS dup	1/6/2019	Organic	Nitrobenzene	n/a	=	16	µg/L	EPA 625	0.36	1			
2018/19-2	Lab	LCS dup, rec	1/6/2019	Organic	Nitrobenzene	n/a	=	64	%	EPA 625	-88	-88	35	180	
2018/19-2	Lab	LCS, RPD	1/6/2019	Organic	Nitrobenzene	n/a	=	10	%	EPA 625	-88	-88	0	30	
2018/19-2	Lab	srgt method blank	1/6/2019	Organic	Nitrobenzene-d5	n/a	=	16.8	µg/L	EPA 625	-88	-88			
2018/19-2	Lab	srgt method blank, rec	1/6/2019	Organic	Nitrobenzene-d5	n/a	=	67	%	EPA 625	-88	-88	27	111	
2018/19-2	Lab	srgt LCS	1/6/2019	Organic	Nitrobenzene-d5	n/a	=	16.6	µg/L	EPA 625	-88	-88			
2018/19-2	Lab	srgt LCS, rec	1/6/2019	Organic	Nitrobenzene-d5	n/a	=	67	%	EPA 625	-88	-88	27	111	
2018/19-2	Lab	srgt LCS dup	1/6/2019	Organic	Nitrobenzene-d5	n/a	=	15.3	µg/L	EPA 625	-88	-88			
2018/19-2	Lab	srgt LCS dup, rec	1/6/2019	Organic	Nitrobenzene-d5	n/a	=	61	%	EPA 625	-88	-88	27	111	
2018/19-2	Lab	srgt method blank	1/11/2019	Organic	Nitrobenzene-d5	n/a	=	3.56	µg/L	EPA 8270C	-88	-88			
2018/19-2	Lab	srgt method blank, rec	1/11/2019	Organic	Nitrobenzene-d5	n/a	=	71	%	EPA 8270C	-88	-88	51	143	
2018/19-2	Lab	srgt LCS	1/11/2019	Organic	Nitrobenzene-d5	n/a	=	3.8	µg/L	EPA 8270C	-88	-88			
2018/19-2	Lab	srgt LCS, rec	1/11/2019	Organic	Nitrobenzene-d5	n/a	=	76	%	EPA 8270C	-88	-88	51	143	
2018/19-2	Lab	srgt LCS dup	1/11/2019	Organic	Nitrobenzene-d5	n/a	=	3.75	µg/L	EPA 8270C	-88	-88			
2018/19-2	Lab	srgt LCS dup, rec	1/11/2019	Organic	Nitrobenzene-d5	n/a	=	75	%	EPA 8270C	-88	-88	51	143	
2018/19-2	ME-CC	srgt environ	1/7/2019	Organic	Nitrobenzene-d5	n/a	=	14.7	µg/L	EPA 625	-88	-88			
2018/19-2	ME-CC	srgt environ, rec	1/7/2019	Organic	Nitrobenzene-d5	n/a	=	59	%	EPA 625	-88	-88	27	111	
2018/19-2	ME-CC	srgt environ	1/11/2019	Organic	Nitrobenzene-d5	n/a	=	3.14	µg/L	EPA 8270C	-88	-88			
2018/19-2	ME-CC	srgt environ, rec	1/11/2019	Organic	Nitrobenzene-d5	n/a	=	63	%	EPA 8270C	-88	-88	51	143	
2018/19-2	ME-SCR	srgt environ	1/7/2019	Organic	Nitrobenzene-d5	n/a	=	151	µg/L	EPA 625	-88	-88			
2018/19-2	ME-SCR	srgt environ, rec	1/7/2019	Organic	Nitrobenzene-d5	n/a	=	61	%	EPA 625	-88	-88	27	111	
2018/19-2	ME-SCR	srgt environ	1/11/2019	Organic	Nitrobenzene-d5	n/a	=	34.7	µg/L	EPA 8270C	-88	-88			
2018/19-2	ME-SCR	srgt environ, rec	1/11/2019	Organic	Nitrobenzene-d5	n/a	=	69	%	EPA 8270C	-88	-88	51	143	
2018/19-2	ME-VR2	srgt environ	1/7/2019	Organic	Nitrobenzene-d5	n/a	=	16.3	µg/L	EPA 625	-88	-88			
2018/19-2	ME-VR2	srgt environ, rec	1/7/2019	Organic	Nitrobenzene-d5	n/a	=	65	%	EPA 625	-88	-88	27	111	
2018/19-2	ME-VR2	srgt environ	1/11/2019	Organic	Nitrobenzene-d5	n/a	=	3.96	µg/L	EPA 8270C	-88	-88			
2018/19-2	ME-VR2	srgt environ, rec	1/11/2019	Organic	Nitrobenzene-d5	n/a	=	79	%	EPA 8270C	-88	-88	51	143	
2018/19-2	MO-CAM	srgt environ	1/7/2019	Organic	Nitrobenzene-d5	n/a	=	17.2	µg/L	EPA 625	-88	-88			
2018/19-2	MO-CAM	srgt environ, rec	1/7/2019	Organic	Nitrobenzene-d5	n/a	=	69	%	EPA 625	-88	-88	27	111	
2018/19-2	MO-CAM	srgt environ	1/11/2019	Organic	Nitrobenzene-d5	n/a	=	3.16	µg/L	EPA 8270C	-88	-88			
2018/19-2	MO-CAM	srgt environ, rec	1/11/2019	Organic	Nitrobenzene-d5	n/a	=	63	%	EPA 8270C	-88	-88	51	143	

Appendix F
Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2018/19-2	MO-FIL	srgt environ	1/7/2019	Organic	Nitrobenzene-d5	n/a	=	17.2	µg/L	EPA 625	-88	-88			
2018/19-2	MO-FIL	srgt environ, rec	1/7/2019	Organic	Nitrobenzene-d5	n/a	=	69	%	EPA 625	-88	-88	27	111	
2018/19-2	MO-FIL	srgt environ	1/11/2019	Organic	Nitrobenzene-d5	n/a	=	3.02	µg/L	EPA 8270C	-88	-88			
2018/19-2	MO-FIL	srgt environ, rec	1/11/2019	Organic	Nitrobenzene-d5	n/a	=	60	%	EPA 8270C	-88	-88	51	143	
2018/19-2	MO-HUE	srgt environ	1/7/2019	Organic	Nitrobenzene-d5	n/a	=	17.9	µg/L	EPA 625	-88	-88			
2018/19-2	MO-HUE	srgt environ, rec	1/7/2019	Organic	Nitrobenzene-d5	n/a	=	72	%	EPA 625	-88	-88	27	111	
2018/19-2	MO-HUE	srgt environ	1/12/2019	Organic	Nitrobenzene-d5	n/a	=	2.98	µg/L	EPA 8270C	-88	-88			
2018/19-2	MO-HUE	srgt environ, rec	1/12/2019	Organic	Nitrobenzene-d5	n/a	=	60	%	EPA 8270C	-88	-88	51	143	
2018/19-2	MO-MEI	srgt environ	1/6/2019	Organic	Nitrobenzene-d5	n/a	=	15	µg/L	EPA 625	-88	-88			
2018/19-2	MO-MEI	srgt environ, rec	1/6/2019	Organic	Nitrobenzene-d5	n/a	=	60	%	EPA 625	-88	-88	27	111	
2018/19-2	MO-MEI	srgt environ	1/11/2019	Organic	Nitrobenzene-d5	n/a	=	3.13	µg/L	EPA 8270C	-88	-88			
2018/19-2	MO-MEI	srgt environ, rec	1/11/2019	Organic	Nitrobenzene-d5	n/a	=	63	%	EPA 8270C	-88	-88	51	143	
2018/19-2	MO-MPK	srgt environ	1/7/2019	Organic	Nitrobenzene-d5	n/a	=	16.4	µg/L	EPA 625	-88	-88			
2018/19-2	MO-MPK	srgt environ, rec	1/7/2019	Organic	Nitrobenzene-d5	n/a	=	66	%	EPA 625	-88	-88	27	111	
2018/19-2	MO-MPK	srgt environ	1/12/2019	Organic	Nitrobenzene-d5	n/a	=	3.27	µg/L	EPA 8270C	-88	-88			
2018/19-2	MO-MPK	srgt environ, rec	1/12/2019	Organic	Nitrobenzene-d5	n/a	=	65	%	EPA 8270C	-88	-88	51	143	
2018/19-2	MO-OJA	srgt environ	1/6/2019	Organic	Nitrobenzene-d5	n/a	=	18.1	µg/L	EPA 625	-88	-88			
2018/19-2	MO-OJA	srgt environ, rec	1/6/2019	Organic	Nitrobenzene-d5	n/a	=	72	%	EPA 625	-88	-88	27	111	
2018/19-2	MO-OJA	srgt environ	1/11/2019	Organic	Nitrobenzene-d5	n/a	=	2.82	µg/L	EPA 8270C	-88	-88			
2018/19-2	MO-OJA	srgt environ, rec	1/11/2019	Organic	Nitrobenzene-d5	n/a	=	56	%	EPA 8270C	-88	-88	51	143	
2018/19-2	MO-OXN	srgt environ	1/7/2019	Organic	Nitrobenzene-d5	n/a	=	16	µg/L	EPA 625	-88	-88			
2018/19-2	MO-OXN	srgt environ, rec	1/7/2019	Organic	Nitrobenzene-d5	n/a	=	64	%	EPA 625	-88	-88	27	111	
2018/19-2	MO-OXN	srgt environ	1/12/2019	Organic	Nitrobenzene-d5	n/a	=	3.15	µg/L	EPA 8270C	-88	-88			
2018/19-2	MO-OXN	srgt environ, rec	1/12/2019	Organic	Nitrobenzene-d5	n/a	=	63	%	EPA 8270C	-88	-88	51	143	
2018/19-2	MO-SIM	srgt environ	1/7/2019	Organic	Nitrobenzene-d5	n/a	=	13.5	µg/L	EPA 625	-88	-88			
2018/19-2	MO-SIM	srgt environ, rec	1/7/2019	Organic	Nitrobenzene-d5	n/a	=	54	%	EPA 625	-88	-88	27	111	
2018/19-2	MO-SIM	srgt environ	1/12/2019	Organic	Nitrobenzene-d5	n/a	=	2.89	µg/L	EPA 8270C	-88	-88			
2018/19-2	MO-SIM	srgt environ, rec	1/12/2019	Organic	Nitrobenzene-d5	n/a	=	58	%	EPA 8270C	-88	-88	51	143	
2018/19-2	MO-SPA	srgt environ	1/7/2019	Organic	Nitrobenzene-d5	n/a	=	16.5	µg/L	EPA 625	-88	-88			
2018/19-2	MO-SPA	srgt environ, rec	1/7/2019	Organic	Nitrobenzene-d5	n/a	=	66	%	EPA 625	-88	-88	27	111	
2018/19-2	MO-SPA	srgt environ	1/11/2019	Organic	Nitrobenzene-d5	n/a	=	3.2	µg/L	EPA 8270C	-88	-88			
2018/19-2	MO-SPA	srgt environ, rec	1/11/2019	Organic	Nitrobenzene-d5	n/a	=	64	%	EPA 8270C	-88	-88	51	143	
2018/19-2	MO-THO	srgt environ	1/7/2019	Organic	Nitrobenzene-d5	n/a	=	13.8	µg/L	EPA 625	-88	-88			
2018/19-2	MO-THO	srgt environ, rec	1/7/2019	Organic	Nitrobenzene-d5	n/a	=	55	%	EPA 625	-88	-88	27	111	
2018/19-2	MO-THO	srgt environ	1/12/2019	Organic	Nitrobenzene-d5	n/a	=	3.07	µg/L	EPA 8270C	-88	-88			
2018/19-2	MO-THO	srgt environ, rec	1/12/2019	Organic	Nitrobenzene-d5	n/a	=	61	%	EPA 8270C	-88	-88	51	143	
2018/19-2	MO-VEN	srgt environ	1/7/2019	Organic	Nitrobenzene-d5	n/a	=	16.5	µg/L	EPA 625	-88	-88			
2018/19-2	MO-VEN	srgt environ, rec	1/7/2019	Organic	Nitrobenzene-d5	n/a	=	66	%	EPA 625	-88	-88	27	111	
2018/19-2	MO-VEN	srgt environ	1/11/2019	Organic	Nitrobenzene-d5	n/a	=	2.69	µg/L	EPA 8270C	-88	-88			
2018/19-2	MO-VEN	srgt environ, rec	1/11/2019	Organic	Nitrobenzene-d5	n/a	=	54	%	EPA 8270C	-88	-88	51	143	
2018/19-2	Lab	method blank	1/6/2019	Organic	N-Nitrosodimethylamine	n/a	<	0.14	µg/L	EPA 625	0.14	1			
2018/19-2	Lab	LCS	1/6/2019	Organic	N-Nitrosodimethylamine	n/a	=	13.9	µg/L	EPA 625	0.14	1			
2018/19-2	Lab	LCS, rec	1/6/2019	Organic	N-Nitrosodimethylamine	n/a	=	56	%	EPA 625	-88	-88	20	83	
2018/19-2	Lab	LCS dup	1/6/2019	Organic	N-Nitrosodimethylamine	n/a	=	11.9	µg/L	EPA 625	0.14	1			
2018/19-2	Lab	LCS dup, rec	1/6/2019	Organic	N-Nitrosodimethylamine	n/a	=	48	%	EPA 625	-88	-88	20	83	
2018/19-2	Lab	LCS, RPD	1/6/2019	Organic	N-Nitrosodimethylamine	n/a	=	16	%	EPA 625	-88	-88	0	30	
2018/19-2	Lab	method blank	1/6/2019	Organic	N-Nitrosodi-N-propylamine	n/a	<	0.26	µg/L	EPA 625	0.26	1			

Appendix F
Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2018/19-2	Lab	LCS	1/6/2019	Organic	N-Nitrosodi-N-propylamine	n/a	=	17.7	µg/L	EPA 625	0.26	1			
2018/19-2	Lab	LCS, rec	1/6/2019	Organic	N-Nitrosodi-N-propylamine	n/a	=	71	%	EPA 625	-88	-88	0.1	230	
2018/19-2	Lab	LCS dup	1/6/2019	Organic	N-Nitrosodi-N-propylamine	n/a	=	16	µg/L	EPA 625	0.26	1			
2018/19-2	Lab	LCS dup, rec	1/6/2019	Organic	N-Nitrosodi-N-propylamine	n/a	=	64	%	EPA 625	-88	-88	0.1	230	
2018/19-2	Lab	LCS, RPD	1/6/2019	Organic	N-Nitrosodi-N-propylamine	n/a	=	10	%	EPA 625	-88	-88	0	30	
2018/19-2	Lab	method blank	1/6/2019	Organic	N-Nitrosodiphenylamine	n/a	<	0.19	µg/L	EPA 625	0.19	1			
2018/19-2	Lab	LCS	1/6/2019	Organic	N-Nitrosodiphenylamine	n/a	=	17.3	µg/L	EPA 625	0.19	1			
2018/19-2	Lab	LCS, rec	1/6/2019	Organic	N-Nitrosodiphenylamine	n/a	=	69	%	EPA 625	-88	-88	42	90	
2018/19-2	Lab	LCS dup	1/6/2019	Organic	N-Nitrosodiphenylamine	n/a	=	16.4	µg/L	EPA 625	0.19	1			
2018/19-2	Lab	LCS dup, rec	1/6/2019	Organic	N-Nitrosodiphenylamine	n/a	=	66	%	EPA 625	-88	-88	42	90	
2018/19-2	Lab	LCS, RPD	1/6/2019	Organic	N-Nitrosodiphenylamine	n/a	=	5	%	EPA 625	-88	-88	0	30	
2018/19-2	Lab	srgt method blank	12/14/2018	Organic	Perylene-d12	n/a	=	4.31	µg/L	EPA 525.2	-88	-88			
2018/19-2	Lab	srgt method blank, rec	12/14/2018	Organic	Perylene-d12	n/a	=	86	%	EPA 525.2	-88	-88	50	120	
2018/19-2	Lab	srgt LCS	12/14/2018	Organic	Perylene-d12	n/a	=	4.44	µg/L	EPA 525.2	-88	-88			
2018/19-2	Lab	srgt LCS, rec	12/14/2018	Organic	Perylene-d12	n/a	=	89	%	EPA 525.2	-88	-88	50	120	
2018/19-2	Lab	srgt LCS dup	12/14/2018	Organic	Perylene-d12	n/a	=	4.52	µg/L	EPA 525.2	-88	-88			
2018/19-2	Lab	srgt LCS dup, rec	12/14/2018	Organic	Perylene-d12	n/a	=	90	%	EPA 525.2	-88	-88	50	120	
2018/19-2	Lab	srgt method blank	12/15/2018	Organic	Perylene-d12	n/a	=	3.69	µg/L	EPA 525.2	-88	-88			
2018/19-2	Lab	srgt method blank, rec	12/15/2018	Organic	Perylene-d12	n/a	=	74	%	EPA 525.2	-88	-88	50	120	
2018/19-2	Lab	srgt LCS	12/15/2018	Organic	Perylene-d12	n/a	=	4.65	µg/L	EPA 525.2	-88	-88			
2018/19-2	Lab	srgt LCS, rec	12/15/2018	Organic	Perylene-d12	n/a	=	93	%	EPA 525.2	-88	-88	50	120	
2018/19-2	Lab	srgt LCS dup	12/15/2018	Organic	Perylene-d12	n/a	=	4.72	µg/L	EPA 525.2	-88	-88			
2018/19-2	Lab	srgt LCS dup, rec	12/15/2018	Organic	Perylene-d12	n/a	=	94	%	EPA 525.2	-88	-88	50	120	
2018/19-2	Lab	srgt method blank	12/19/2018	Organic	Perylene-d12	n/a	=	3.48	µg/L	EPA 525.2	-88	-88			
2018/19-2	Lab	srgt method blank, rec	12/19/2018	Organic	Perylene-d12	n/a	=	70	%	EPA 525.2	-88	-88	50	120	
2018/19-2	Lab	srgt LCS	12/19/2018	Organic	Perylene-d12	n/a	=	4.31	µg/L	EPA 525.2	-88	-88			
2018/19-2	Lab	srgt LCS, rec	12/19/2018	Organic	Perylene-d12	n/a	=	86	%	EPA 525.2	-88	-88	50	120	
2018/19-2	Lab	srgt LCS dup	12/19/2018	Organic	Perylene-d12	n/a	=	4.19	µg/L	EPA 525.2	-88	-88			
2018/19-2	Lab	srgt LCS dup, rec	12/19/2018	Organic	Perylene-d12	n/a	=	84	%	EPA 525.2	-88	-88	50	120	
2018/19-2	ME-CC	srgt environ	12/19/2018	Organic	Perylene-d12	n/a	=	1.1	µg/L	EPA 525.2	-88	-88			GN
2018/19-2	ME-CC	srgt environ, rec	12/19/2018	Organic	Perylene-d12	n/a	=	22	%	EPA 525.2	-88	-88	50	120	GN
2018/19-2	ME-SCR	srgt environ	12/19/2018	Organic	Perylene-d12	n/a	=	3.06	µg/L	EPA 525.2	-88	-88			
2018/19-2	ME-SCR	srgt environ, rec	12/19/2018	Organic	Perylene-d12	n/a	=	61	%	EPA 525.2	-88	-88	50	120	
2018/19-2	ME-VR2	srgt environ	12/14/2018	Organic	Perylene-d12	n/a	=	2.4	µg/L	EPA 525.2	-88	-88			GN
2018/19-2	ME-VR2	srgt environ, rec	12/14/2018	Organic	Perylene-d12	n/a	=	48	%	EPA 525.2	-88	-88	50	120	GN
2018/19-2	MO-CAM	srgt environ	12/19/2018	Organic	Perylene-d12	n/a	=	2.66	µg/L	EPA 525.2	-88	-88			
2018/19-2	MO-CAM	srgt environ, rec	12/19/2018	Organic	Perylene-d12	n/a	=	53	%	EPA 525.2	-88	-88	50	120	
2018/19-2	MO-FIL	srgt environ	12/14/2018	Organic	Perylene-d12	n/a	=	2.54	µg/L	EPA 525.2	-88	-88			GN
2018/19-2	MO-FIL	srgt environ, rec	12/14/2018	Organic	Perylene-d12	n/a	=	25	%	EPA 525.2	-88	-88	50	120	GN
2018/19-2	MO-HUE	srgt environ	12/19/2018	Organic	Perylene-d12	n/a	=	2.08	µg/L	EPA 525.2	-88	-88			GN
2018/19-2	MO-HUE	srgt environ, rec	12/19/2018	Organic	Perylene-d12	n/a	=	42	%	EPA 525.2	-88	-88	50	120	GN
2018/19-2	MO-MEI	srgt environ	12/16/2018	Organic	Perylene-d12	n/a	=	5.59	µg/L	EPA 525.2	-88	-88			
2018/19-2	MO-MEI	srgt environ, rec	12/16/2018	Organic	Perylene-d12	n/a	=	56	%	EPA 525.2	-88	-88	50	120	
2018/19-2	MO-MPK	srgt environ	12/14/2018	Organic	Perylene-d12	n/a	=	4.78	µg/L	EPA 525.2	-88	-88			GN
2018/19-2	MO-MPK	srgt environ, rec	12/14/2018	Organic	Perylene-d12	n/a	=	48	%	EPA 525.2	-88	-88	50	120	GN
2018/19-2	MO-OJA	srgt environ	12/16/2018	Organic	Perylene-d12	n/a	=	4.99	µg/L	EPA 525.2	-88	-88			
2018/19-2	MO-OJA	srgt environ, rec	12/16/2018	Organic	Perylene-d12	n/a	=	50	%	EPA 525.2	-88	-88	50	120	

Appendix F
Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2018/19-2	MO-OXN	srgt environ	12/14/2018	Organic	Perylene-d12	n/a	=	5.27	µg/L	EPA 525.2	-88	-88			
2018/19-2	MO-OXN	srgt environ, rec	12/14/2018	Organic	Perylene-d12	n/a	=	53	%	EPA 525.2	-88	-88	50	120	
2018/19-2	MO-SIM	srgt environ	12/19/2018	Organic	Perylene-d12	n/a	=	1.59	µg/L	EPA 525.2	-88	-88			GN
2018/19-2	MO-SIM	srgt environ, rec	12/19/2018	Organic	Perylene-d12	n/a	=	32	%	EPA 525.2	-88	-88	50	120	GN
2018/19-2	MO-SPA	srgt environ	12/14/2018	Organic	Perylene-d12	n/a	=	2.04	µg/L	EPA 525.2	-88	-88			GN
2018/19-2	MO-SPA	srgt environ, rec	12/14/2018	Organic	Perylene-d12	n/a	=	20	%	EPA 525.2	-88	-88	50	120	GN
2018/19-2	MO-THO	srgt environ	12/19/2018	Organic	Perylene-d12	n/a	=	1.95	µg/L	EPA 525.2	-88	-88			GN
2018/19-2	MO-THO	srgt environ, rec	12/19/2018	Organic	Perylene-d12	n/a	=	39	%	EPA 525.2	-88	-88	50	120	GN
2018/19-2	MO-VEN	srgt environ	12/19/2018	Organic	Perylene-d12	n/a	=	2.58	µg/L	EPA 525.2	-88	-88			
2018/19-2	MO-VEN	srgt environ, rec	12/19/2018	Organic	Perylene-d12	n/a	=	52	%	EPA 525.2	-88	-88	50	120	
2018/19-2	Lab	method blank	1/6/2019	Organic	Phenanthrene	n/a	<	0.32	µg/L	EPA 625	0.32	1			
2018/19-2	Lab	LCS	1/6/2019	Organic	Phenanthrene	n/a	=	22.3	µg/L	EPA 625	0.32	1			
2018/19-2	Lab	LCS, rec	1/6/2019	Organic	Phenanthrene	n/a	=	89	%	EPA 625	-88	-88	54	120	
2018/19-2	Lab	LCS dup	1/6/2019	Organic	Phenanthrene	n/a	=	21	µg/L	EPA 625	0.32	1			
2018/19-2	Lab	LCS dup, rec	1/6/2019	Organic	Phenanthrene	n/a	=	84	%	EPA 625	-88	-88	54	120	
2018/19-2	Lab	LCS, RPD	1/6/2019	Organic	Phenanthrene	n/a	=	6	%	EPA 625	-88	-88	0	30	
2018/19-2	Lab	method blank	1/11/2019	Organic	Phenanthrene	n/a	<	0.1	µg/L	EPA 8270C	0.1	0.1			
2018/19-2	Lab	LCS	1/11/2019	Organic	Phenanthrene	n/a	=	8.47	µg/L	EPA 8270C	0.1	0.1			
2018/19-2	Lab	LCS, rec	1/11/2019	Organic	Phenanthrene	n/a	=	85	%	EPA 8270C	-88	-88	21	131	
2018/19-2	Lab	LCS dup	1/11/2019	Organic	Phenanthrene	n/a	=	8.84	µg/L	EPA 8270C	0.1	0.1			
2018/19-2	Lab	LCS dup, rec	1/11/2019	Organic	Phenanthrene	n/a	=	88	%	EPA 8270C	-88	-88	21	131	
2018/19-2	Lab	LCS, RPD	1/11/2019	Organic	Phenanthrene	n/a	=	4	%	EPA 8270C	-88	-88	0	30	
2018/19-2	Lab	method blank	1/6/2019	Organic	Phenol	n/a	<	0.16	µg/L	EPA 625	0.16	1			
2018/19-2	Lab	LCS	1/6/2019	Organic	Phenol	n/a	=	7.62	µg/L	EPA 625	0.16	1			
2018/19-2	Lab	LCS, rec	1/6/2019	Organic	Phenol	n/a	=	30	%	EPA 625	-88	-88	5	112	
2018/19-2	Lab	LCS dup	1/6/2019	Organic	Phenol	n/a	=	6.71	µg/L	EPA 625	0.16	1			
2018/19-2	Lab	LCS dup, rec	1/6/2019	Organic	Phenol	n/a	=	27	%	EPA 625	-88	-88	5	112	
2018/19-2	Lab	LCS, RPD	1/6/2019	Organic	Phenol	n/a	=	13	%	EPA 625	-88	-88	0	30	
2018/19-2	Lab	method blank	1/10/2019	Organic	Phenol	n/a	<	0.35	µg/L	EPA 8270C	0.35	1			
2018/19-2	Lab	LCS	1/10/2019	Organic	Phenol	n/a	=	3.27	µg/L	EPA 8270C	0.35	1			
2018/19-2	Lab	LCS, rec	1/10/2019	Organic	Phenol	n/a	=	33	%	EPA 8270C	-88	-88	6	43	
2018/19-2	Lab	LCS dup	1/10/2019	Organic	Phenol	n/a	=	3.25	µg/L	EPA 8270C	0.35	1			
2018/19-2	Lab	LCS dup, rec	1/10/2019	Organic	Phenol	n/a	=	32	%	EPA 8270C	-88	-88	6	43	
2018/19-2	Lab	LCS, RPD	1/10/2019	Organic	Phenol	n/a	=	0.8	%	EPA 8270C	-88	-88	0	30	
2018/19-2	Lab	srgt method blank	1/6/2019	Organic	Phenol-d5	n/a	=	14.3	µg/L	EPA 625	-88	-88			
2018/19-2	Lab	srgt method blank, rec	1/6/2019	Organic	Phenol-d5	n/a	=	29	%	EPA 625	-88	-88	0.1	53	
2018/19-2	Lab	srgt LCS	1/6/2019	Organic	Phenol-d5	n/a	=	14.7	µg/L	EPA 625	-88	-88			
2018/19-2	Lab	srgt LCS, rec	1/6/2019	Organic	Phenol-d5	n/a	=	29	%	EPA 625	-88	-88	0.1	53	
2018/19-2	Lab	srgt LCS dup	1/6/2019	Organic	Phenol-d5	n/a	=	12.8	µg/L	EPA 625	-88	-88			
2018/19-2	Lab	srgt LCS dup, rec	1/6/2019	Organic	Phenol-d5	n/a	=	26	%	EPA 625	-88	-88	0.1	53	
2018/19-2	Lab	srgt method blank	1/10/2019	Organic	Phenol-d5	n/a	=	2.63	µg/L	EPA 8270C	-88	-88			
2018/19-2	Lab	srgt method blank, rec	1/10/2019	Organic	Phenol-d5	n/a	=	26	%	EPA 8270C	-88	-88	5	46	
2018/19-2	Lab	srgt LCS	1/10/2019	Organic	Phenol-d5	n/a	=	2.91	µg/L	EPA 8270C	-88	-88			
2018/19-2	Lab	srgt LCS, rec	1/10/2019	Organic	Phenol-d5	n/a	=	29	%	EPA 8270C	-88	-88	5	46	
2018/19-2	Lab	srgt LCS dup	1/10/2019	Organic	Phenol-d5	n/a	=	2.87	µg/L	EPA 8270C	-88	-88			
2018/19-2	Lab	srgt LCS dup, rec	1/10/2019	Organic	Phenol-d5	n/a	=	29	%	EPA 8270C	-88	-88	5	46	
2018/19-2	ME-CC	srgt environ	1/7/2019	Organic	Phenol-d5	n/a	=	14.3	µg/L	EPA 625	-88	-88			

Appendix F
Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2018/19-2	ME-CC	srqt environ, rec	1/7/2019	Organic	Phenol-d5	n/a	=	29	%	EPA 625	-88	-88	0.1	53	
2018/19-2	ME-CC	srqt environ	1/11/2019	Organic	Phenol-d5	n/a	=	2.5	µg/L	EPA 8270C	-88	-88			
2018/19-2	ME-CC	srqt environ, rec	1/11/2019	Organic	Phenol-d5	n/a	=	25	%	EPA 8270C	-88	-88	5	46	
2018/19-2	ME-SCR	srqt environ	1/7/2019	Organic	Phenol-d5	n/a	=	132	µg/L	EPA 625	-88	-88			
2018/19-2	ME-SCR	srqt environ, rec	1/7/2019	Organic	Phenol-d5	n/a	=	26	%	EPA 625	-88	-88	0.1	53	
2018/19-2	ME-SCR	srqt environ	1/11/2019	Organic	Phenol-d5	n/a	=	26	µg/L	EPA 8270C	-88	-88			
2018/19-2	ME-SCR	srqt environ, rec	1/11/2019	Organic	Phenol-d5	n/a	=	26	%	EPA 8270C	-88	-88	5	46	
2018/19-2	ME-VR2	srqt environ	1/7/2019	Organic	Phenol-d5	n/a	=	15.1	µg/L	EPA 625	-88	-88			
2018/19-2	ME-VR2	srqt environ, rec	1/7/2019	Organic	Phenol-d5	n/a	=	30	%	EPA 625	-88	-88	0.1	53	
2018/19-2	ME-VR2	srqt environ	1/11/2019	Organic	Phenol-d5	n/a	=	2.53	µg/L	EPA 8270C	-88	-88			
2018/19-2	ME-VR2	srqt environ, rec	1/11/2019	Organic	Phenol-d5	n/a	=	25	%	EPA 8270C	-88	-88	5	46	
2018/19-2	MO-CAM	srqt environ	1/7/2019	Organic	Phenol-d5	n/a	=	14.3	µg/L	EPA 625	-88	-88			
2018/19-2	MO-CAM	srqt environ, rec	1/7/2019	Organic	Phenol-d5	n/a	=	29	%	EPA 625	-88	-88	0.1	53	
2018/19-2	MO-CAM	srqt environ	1/11/2019	Organic	Phenol-d5	n/a	=	2.32	µg/L	EPA 8270C	-88	-88			
2018/19-2	MO-CAM	srqt environ, rec	1/11/2019	Organic	Phenol-d5	n/a	=	23	%	EPA 8270C	-88	-88	5	46	
2018/19-2	MO-FIL	srqt environ	1/7/2019	Organic	Phenol-d5	n/a	=	15.2	µg/L	EPA 625	-88	-88			
2018/19-2	MO-FIL	srqt environ, rec	1/7/2019	Organic	Phenol-d5	n/a	=	30	%	EPA 625	-88	-88	0.1	53	
2018/19-2	MO-FIL	srqt environ	1/11/2019	Organic	Phenol-d5	n/a	=	2.31	µg/L	EPA 8270C	-88	-88			
2018/19-2	MO-FIL	srqt environ, rec	1/11/2019	Organic	Phenol-d5	n/a	=	23	%	EPA 8270C	-88	-88	5	46	
2018/19-2	MO-HUE	srqt environ	1/7/2019	Organic	Phenol-d5	n/a	=	18	µg/L	EPA 625	-88	-88			
2018/19-2	MO-HUE	srqt environ, rec	1/7/2019	Organic	Phenol-d5	n/a	=	36	%	EPA 625	-88	-88	0.1	53	
2018/19-2	MO-HUE	srqt environ	1/11/2019	Organic	Phenol-d5	n/a	=	2.32	µg/L	EPA 8270C	-88	-88			
2018/19-2	MO-HUE	srqt environ, rec	1/11/2019	Organic	Phenol-d5	n/a	=	23	%	EPA 8270C	-88	-88	5	46	
2018/19-2	MO-MEI	srqt environ	1/6/2019	Organic	Phenol-d5	n/a	=	11.5	µg/L	EPA 625	-88	-88			
2018/19-2	MO-MEI	srqt environ, rec	1/6/2019	Organic	Phenol-d5	n/a	=	23	%	EPA 625	-88	-88	0.1	53	
2018/19-2	MO-MEI	srqt environ	1/11/2019	Organic	Phenol-d5	n/a	=	2.21	µg/L	EPA 8270C	-88	-88			
2018/19-2	MO-MEI	srqt environ, rec	1/11/2019	Organic	Phenol-d5	n/a	=	22	%	EPA 8270C	-88	-88	5	46	
2018/19-2	MO-MPK	srqt environ	1/7/2019	Organic	Phenol-d5	n/a	=	15.2	µg/L	EPA 625	-88	-88			
2018/19-2	MO-MPK	srqt environ, rec	1/7/2019	Organic	Phenol-d5	n/a	=	30	%	EPA 625	-88	-88	0.1	53	
2018/19-2	MO-MPK	srqt environ	1/11/2019	Organic	Phenol-d5	n/a	=	2.85	µg/L	EPA 8270C	-88	-88			
2018/19-2	MO-MPK	srqt environ, rec	1/11/2019	Organic	Phenol-d5	n/a	=	28	%	EPA 8270C	-88	-88	5	46	
2018/19-2	MO-OJA	srqt environ	1/6/2019	Organic	Phenol-d5	n/a	=	15.2	µg/L	EPA 625	-88	-88			
2018/19-2	MO-OJA	srqt environ, rec	1/6/2019	Organic	Phenol-d5	n/a	=	30	%	EPA 625	-88	-88	0.1	53	
2018/19-2	MO-OJA	srqt environ	1/11/2019	Organic	Phenol-d5	n/a	=	2.24	µg/L	EPA 8270C	-88	-88			
2018/19-2	MO-OJA	srqt environ, rec	1/11/2019	Organic	Phenol-d5	n/a	=	22	%	EPA 8270C	-88	-88	5	46	
2018/19-2	MO-OXN	srqt environ	1/7/2019	Organic	Phenol-d5	n/a	=	12.2	µg/L	EPA 625	-88	-88			
2018/19-2	MO-OXN	srqt environ, rec	1/7/2019	Organic	Phenol-d5	n/a	=	24	%	EPA 625	-88	-88	0.1	53	
2018/19-2	MO-OXN	srqt environ	1/11/2019	Organic	Phenol-d5	n/a	=	2.18	µg/L	EPA 8270C	-88	-88			
2018/19-2	MO-OXN	srqt environ, rec	1/11/2019	Organic	Phenol-d5	n/a	=	22	%	EPA 8270C	-88	-88	5	46	
2018/19-2	MO-SIM	srqt environ	1/7/2019	Organic	Phenol-d5	n/a	=	11.3	µg/L	EPA 625	-88	-88			
2018/19-2	MO-SIM	srqt environ, rec	1/7/2019	Organic	Phenol-d5	n/a	=	23	%	EPA 625	-88	-88	0.1	53	
2018/19-2	MO-SIM	srqt environ	1/11/2019	Organic	Phenol-d5	n/a	=	2.15	µg/L	EPA 8270C	-88	-88			
2018/19-2	MO-SIM	srqt environ, rec	1/11/2019	Organic	Phenol-d5	n/a	=	22	%	EPA 8270C	-88	-88	5	46	
2018/19-2	MO-SPA	srqt environ	1/7/2019	Organic	Phenol-d5	n/a	=	14.7	µg/L	EPA 625	-88	-88			
2018/19-2	MO-SPA	srqt environ, rec	1/7/2019	Organic	Phenol-d5	n/a	=	29	%	EPA 625	-88	-88	0.1	53	
2018/19-2	MO-SPA	srqt environ	1/11/2019	Organic	Phenol-d5	n/a	=	2.52	µg/L	EPA 8270C	-88	-88			
2018/19-2	MO-SPA	srqt environ, rec	1/11/2019	Organic	Phenol-d5	n/a	=	25	%	EPA 8270C	-88	-88	5	46	

Appendix F
Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2018/19-2	MO-THO	srgt environ	1/7/2019	Organic	Phenol-d5	n/a	=	12.3	µg/L	EPA 625	-88	-88			
2018/19-2	MO-THO	srgt environ, rec	1/7/2019	Organic	Phenol-d5	n/a	=	25	%	EPA 625	-88	-88	0.1	53	
2018/19-2	MO-THO	srgt environ	1/11/2019	Organic	Phenol-d5	n/a	=	2.34	µg/L	EPA 8270C	-88	-88			
2018/19-2	MO-THO	srgt environ, rec	1/11/2019	Organic	Phenol-d5	n/a	=	23	%	EPA 8270C	-88	-88	5	46	
2018/19-2	MO-VEN	srgt environ	1/7/2019	Organic	Phenol-d5	n/a	=	13.3	µg/L	EPA 625	-88	-88			
2018/19-2	MO-VEN	srgt environ, rec	1/7/2019	Organic	Phenol-d5	n/a	=	27	%	EPA 625	-88	-88	0.1	53	
2018/19-2	MO-VEN	srgt environ	1/11/2019	Organic	Phenol-d5	n/a	=	1.9	µg/L	EPA 8270C	-88	-88			
2018/19-2	MO-VEN	srgt environ, rec	1/11/2019	Organic	Phenol-d5	n/a	=	19	%	EPA 8270C	-88	-88	5	46	
2018/19-2	Lab	srgt method blank	1/6/2019	Organic	p-Terphenyl-d14	n/a	=	22	µg/L	EPA 625	-88	-88			
2018/19-2	Lab	srgt method blank, rec	1/6/2019	Organic	p-Terphenyl-d14	n/a	=	88	%	EPA 625	-88	-88	28	113	
2018/19-2	Lab	srgt LCS	1/6/2019	Organic	p-Terphenyl-d14	n/a	=	22.2	µg/L	EPA 625	-88	-88			
2018/19-2	Lab	srgt LCS, rec	1/6/2019	Organic	p-Terphenyl-d14	n/a	=	89	%	EPA 625	-88	-88	28	113	
2018/19-2	Lab	srgt LCS dup	1/6/2019	Organic	p-Terphenyl-d14	n/a	=	20.9	µg/L	EPA 625	-88	-88			
2018/19-2	Lab	srgt LCS dup, rec	1/6/2019	Organic	p-Terphenyl-d14	n/a	=	84	%	EPA 625	-88	-88	28	113	
2018/19-2	Lab	srgt method blank	1/11/2019	Organic	p-Terphenyl-d14	n/a	=	4.19	µg/L	EPA 8270C	-88	-88			
2018/19-2	Lab	srgt method blank, rec	1/11/2019	Organic	p-Terphenyl-d14	n/a	=	84	%	EPA 8270C	-88	-88	19	134	
2018/19-2	Lab	srgt LCS	1/11/2019	Organic	p-Terphenyl-d14	n/a	=	4.29	µg/L	EPA 8270C	-88	-88			
2018/19-2	Lab	srgt LCS, rec	1/11/2019	Organic	p-Terphenyl-d14	n/a	=	86	%	EPA 8270C	-88	-88	19	134	
2018/19-2	Lab	srgt LCS dup	1/11/2019	Organic	p-Terphenyl-d14	n/a	=	4.33	µg/L	EPA 8270C	-88	-88			
2018/19-2	Lab	srgt LCS dup, rec	1/11/2019	Organic	p-Terphenyl-d14	n/a	=	87	%	EPA 8270C	-88	-88	19	134	
2018/19-2	ME-CC	srgt environ	1/7/2019	Organic	p-Terphenyl-d14	n/a	=	18	µg/L	EPA 625	-88	-88			
2018/19-2	ME-CC	srgt environ, rec	1/7/2019	Organic	p-Terphenyl-d14	n/a	=	72	%	EPA 625	-88	-88	28	113	
2018/19-2	ME-CC	srgt environ	1/11/2019	Organic	p-Terphenyl-d14	n/a	=	3.6	µg/L	EPA 8270C	-88	-88			
2018/19-2	ME-CC	srgt environ, rec	1/11/2019	Organic	p-Terphenyl-d14	n/a	=	72	%	EPA 8270C	-88	-88	19	134	
2018/19-2	ME-SCR	srgt environ	1/7/2019	Organic	p-Terphenyl-d14	n/a	=	169	µg/L	EPA 625	-88	-88			
2018/19-2	ME-SCR	srgt environ, rec	1/7/2019	Organic	p-Terphenyl-d14	n/a	=	68	%	EPA 625	-88	-88	28	113	
2018/19-2	ME-SCR	srgt environ	1/11/2019	Organic	p-Terphenyl-d14	n/a	=	37.8	µg/L	EPA 8270C	-88	-88			
2018/19-2	ME-SCR	srgt environ, rec	1/11/2019	Organic	p-Terphenyl-d14	n/a	=	76	%	EPA 8270C	-88	-88	19	134	
2018/19-2	ME-VR2	srgt environ	1/7/2019	Organic	p-Terphenyl-d14	n/a	=	21.4	µg/L	EPA 625	-88	-88			
2018/19-2	ME-VR2	srgt environ, rec	1/7/2019	Organic	p-Terphenyl-d14	n/a	=	86	%	EPA 625	-88	-88	28	113	
2018/19-2	ME-VR2	srgt environ	1/11/2019	Organic	p-Terphenyl-d14	n/a	=	4.73	µg/L	EPA 8270C	-88	-88			
2018/19-2	ME-VR2	srgt environ, rec	1/11/2019	Organic	p-Terphenyl-d14	n/a	=	95	%	EPA 8270C	-88	-88	19	134	
2018/19-2	MO-CAM	srgt environ	1/7/2019	Organic	p-Terphenyl-d14	n/a	=	19.7	µg/L	EPA 625	-88	-88			
2018/19-2	MO-CAM	srgt environ, rec	1/7/2019	Organic	p-Terphenyl-d14	n/a	=	79	%	EPA 625	-88	-88	28	113	
2018/19-2	MO-CAM	srgt environ	1/11/2019	Organic	p-Terphenyl-d14	n/a	=	3.56	µg/L	EPA 8270C	-88	-88			
2018/19-2	MO-CAM	srgt environ, rec	1/11/2019	Organic	p-Terphenyl-d14	n/a	=	71	%	EPA 8270C	-88	-88	19	134	
2018/19-2	MO-FIL	srgt environ	1/7/2019	Organic	p-Terphenyl-d14	n/a	=	21.3	µg/L	EPA 625	-88	-88			
2018/19-2	MO-FIL	srgt environ, rec	1/7/2019	Organic	p-Terphenyl-d14	n/a	=	85	%	EPA 625	-88	-88	28	113	
2018/19-2	MO-FIL	srgt environ	1/11/2019	Organic	p-Terphenyl-d14	n/a	=	3.64	µg/L	EPA 8270C	-88	-88			
2018/19-2	MO-FIL	srgt environ, rec	1/11/2019	Organic	p-Terphenyl-d14	n/a	=	73	%	EPA 8270C	-88	-88	19	134	
2018/19-2	MO-HUE	srgt environ	1/7/2019	Organic	p-Terphenyl-d14	n/a	=	21.1	µg/L	EPA 625	-88	-88			
2018/19-2	MO-HUE	srgt environ, rec	1/7/2019	Organic	p-Terphenyl-d14	n/a	=	84	%	EPA 625	-88	-88	28	113	
2018/19-2	MO-HUE	srgt environ	1/12/2019	Organic	p-Terphenyl-d14	n/a	=	3.48	µg/L	EPA 8270C	-88	-88			
2018/19-2	MO-HUE	srgt environ, rec	1/12/2019	Organic	p-Terphenyl-d14	n/a	=	70	%	EPA 8270C	-88	-88	19	134	
2018/19-2	MO-MEI	srgt environ	1/6/2019	Organic	p-Terphenyl-d14	n/a	=	15.8	µg/L	EPA 625	-88	-88			
2018/19-2	MO-MEI	srgt environ, rec	1/6/2019	Organic	p-Terphenyl-d14	n/a	=	63	%	EPA 625	-88	-88	28	113	
2018/19-2	MO-MEI	srgt environ	1/11/2019	Organic	p-Terphenyl-d14	n/a	=	3.72	µg/L	EPA 8270C	-88	-88			

Appendix F
Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2018/19-2	MO-MEI	srgt environ, rec	1/11/2019	Organic	p-Terphenyl-d14	n/a	=	74	%	EPA 8270C	-88	-88	19	134	
2018/19-2	MO-MPK	srgt environ	1/7/2019	Organic	p-Terphenyl-d14	n/a	=	19.7	µg/L	EPA 625	-88	-88			
2018/19-2	MO-MPK	srgt environ, rec	1/7/2019	Organic	p-Terphenyl-d14	n/a	=	79	%	EPA 625	-88	-88	28	113	
2018/19-2	MO-MPK	srgt environ	1/12/2019	Organic	p-Terphenyl-d14	n/a	=	3.87	µg/L	EPA 8270C	-88	-88			
2018/19-2	MO-MPK	srgt environ, rec	1/12/2019	Organic	p-Terphenyl-d14	n/a	=	77	%	EPA 8270C	-88	-88	19	134	
2018/19-2	MO-OJA	srgt environ	1/6/2019	Organic	p-Terphenyl-d14	n/a	=	19.4	µg/L	EPA 625	-88	-88			
2018/19-2	MO-OJA	srgt environ, rec	1/6/2019	Organic	p-Terphenyl-d14	n/a	=	78	%	EPA 625	-88	-88	28	113	
2018/19-2	MO-OJA	srgt environ	1/11/2019	Organic	p-Terphenyl-d14	n/a	=	3.31	µg/L	EPA 8270C	-88	-88			
2018/19-2	MO-OJA	srgt environ, rec	1/11/2019	Organic	p-Terphenyl-d14	n/a	=	66	%	EPA 8270C	-88	-88	19	134	
2018/19-2	MO-OXN	srgt environ	1/7/2019	Organic	p-Terphenyl-d14	n/a	=	19.8	µg/L	EPA 625	-88	-88			
2018/19-2	MO-OXN	srgt environ, rec	1/7/2019	Organic	p-Terphenyl-d14	n/a	=	79	%	EPA 625	-88	-88	28	113	
2018/19-2	MO-OXN	srgt environ	1/12/2019	Organic	p-Terphenyl-d14	n/a	=	3.88	µg/L	EPA 8270C	-88	-88			
2018/19-2	MO-OXN	srgt environ, rec	1/12/2019	Organic	p-Terphenyl-d14	n/a	=	78	%	EPA 8270C	-88	-88	19	134	
2018/19-2	MO-SIM	srgt environ	1/7/2019	Organic	p-Terphenyl-d14	n/a	=	15.5	µg/L	EPA 625	-88	-88			
2018/19-2	MO-SIM	srgt environ, rec	1/7/2019	Organic	p-Terphenyl-d14	n/a	=	62	%	EPA 625	-88	-88	28	113	
2018/19-2	MO-SIM	srgt environ	1/12/2019	Organic	p-Terphenyl-d14	n/a	=	3.18	µg/L	EPA 8270C	-88	-88			
2018/19-2	MO-SIM	srgt environ, rec	1/12/2019	Organic	p-Terphenyl-d14	n/a	=	64	%	EPA 8270C	-88	-88	19	134	
2018/19-2	MO-SPA	srgt environ	1/7/2019	Organic	p-Terphenyl-d14	n/a	=	19	µg/L	EPA 625	-88	-88			
2018/19-2	MO-SPA	srgt environ, rec	1/7/2019	Organic	p-Terphenyl-d14	n/a	=	76	%	EPA 625	-88	-88	28	113	
2018/19-2	MO-SPA	srgt environ	1/11/2019	Organic	p-Terphenyl-d14	n/a	=	3.7	µg/L	EPA 8270C	-88	-88			
2018/19-2	MO-SPA	srgt environ, rec	1/11/2019	Organic	p-Terphenyl-d14	n/a	=	74	%	EPA 8270C	-88	-88	19	134	
2018/19-2	MO-THO	srgt environ	1/7/2019	Organic	p-Terphenyl-d14	n/a	=	17.1	µg/L	EPA 625	-88	-88			
2018/19-2	MO-THO	srgt environ, rec	1/7/2019	Organic	p-Terphenyl-d14	n/a	=	68	%	EPA 625	-88	-88	28	113	
2018/19-2	MO-THO	srgt environ	1/12/2019	Organic	p-Terphenyl-d14	n/a	=	3.73	µg/L	EPA 8270C	-88	-88			
2018/19-2	MO-THO	srgt environ, rec	1/12/2019	Organic	p-Terphenyl-d14	n/a	=	75	%	EPA 8270C	-88	-88	19	134	
2018/19-2	MO-VEN	srgt environ	1/7/2019	Organic	p-Terphenyl-d14	n/a	=	18.6	µg/L	EPA 625	-88	-88			
2018/19-2	MO-VEN	srgt environ, rec	1/7/2019	Organic	p-Terphenyl-d14	n/a	=	74	%	EPA 625	-88	-88	28	113	
2018/19-2	MO-VEN	srgt environ	1/11/2019	Organic	p-Terphenyl-d14	n/a	=	3.23	µg/L	EPA 8270C	-88	-88			
2018/19-2	MO-VEN	srgt environ, rec	1/11/2019	Organic	p-Terphenyl-d14	n/a	=	65	%	EPA 8270C	-88	-88	19	134	
2018/19-2	Lab	method blank	1/6/2019	Organic	Pyrene	n/a	<	0.25	µg/L	EPA 625	0.25	1			
2018/19-2	Lab	LCS	1/6/2019	Organic	Pyrene	n/a	=	25.9	µg/L	EPA 625	0.25	1			
2018/19-2	Lab	LCS, rec	1/6/2019	Organic	Pyrene	n/a	=	104	%	EPA 625	-88	-88	52	115	
2018/19-2	Lab	LCS dup	1/6/2019	Organic	Pyrene	n/a	=	24.4	µg/L	EPA 625	0.25	1			
2018/19-2	Lab	LCS dup, rec	1/6/2019	Organic	Pyrene	n/a	=	98	%	EPA 625	-88	-88	52	115	
2018/19-2	Lab	LCS, RPD	1/6/2019	Organic	Pyrene	n/a	=	6	%	EPA 625	-88	-88	0	30	
2018/19-2	Lab	method blank	1/11/2019	Organic	Pyrene	n/a	<	0.1	µg/L	EPA 8270C	0.1	0.1			
2018/19-2	Lab	LCS	1/11/2019	Organic	Pyrene	n/a	=	8.71	µg/L	EPA 8270C	0.1	0.1			
2018/19-2	Lab	LCS, rec	1/11/2019	Organic	Pyrene	n/a	=	87	%	EPA 8270C	-88	-88	26	128	
2018/19-2	Lab	LCS dup	1/11/2019	Organic	Pyrene	n/a	=	9.05	µg/L	EPA 8270C	0.1	0.1			
2018/19-2	Lab	LCS dup, rec	1/11/2019	Organic	Pyrene	n/a	=	91	%	EPA 8270C	-88	-88	26	128	
2018/19-2	Lab	LCS, RPD	1/11/2019	Organic	Pyrene	n/a	=	4	%	EPA 8270C	-88	-88	0	30	
2018/19-2	000NONPJ	srgt matrix spike	12/26/2018	Organic	Tetrachloro-m-xylene (TCMX)	n/a	=	0.0445	µg/L	EPA 608	-88	-88			
2018/19-2	000NONPJ	srgt matrix spike, rec	12/26/2018	Organic	Tetrachloro-m-xylene (TCMX)	n/a	=	44	%	EPA 608	-88	-88	35	111	
2018/19-2	000NONPJ	srgt matrix spike dup	12/26/2018	Organic	Tetrachloro-m-xylene (TCMX)	n/a	=	0.0408	µg/L	EPA 608	-88	-88			
2018/19-2	000NONPJ	srgt matrix spike dup, rec	12/26/2018	Organic	Tetrachloro-m-xylene (TCMX)	n/a	=	41	%	EPA 608	-88	-88	35	111	
2018/19-2	000NONPJ	srgt matrix spike	12/26/2018	Organic	Tetrachloro-m-xylene (TCMX)	n/a	=	0.0651	µg/L	EPA 608	-88	-88			
2018/19-2	000NONPJ	srgt matrix spike, rec	12/26/2018	Organic	Tetrachloro-m-xylene (TCMX)	n/a	=	65	%	EPA 608	-88	-88	35	111	

Appendix F
Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2018/19-2	000NONPJ	srgt matrix spike dup	12/27/2018	Organic	Tetrachloro-m-xylene (TCMX)	n/a	=	0.0633	µg/L	EPA 608	-88	-88			
2018/19-2	000NONPJ	srgt matrix spike dup, rec	12/27/2018	Organic	Tetrachloro-m-xylene (TCMX)	n/a	=	63	%	EPA 608	-88	-88	35	111	
2018/19-2	Lab	srgt method blank	12/26/2018	Organic	Tetrachloro-m-xylene (TCMX)	n/a	=	0.0497	µg/L	EPA 608	-88	-88			
2018/19-2	Lab	srgt method blank, rec	12/26/2018	Organic	Tetrachloro-m-xylene (TCMX)	n/a	=	50	%	EPA 608	-88	-88	35	111	
2018/19-2	Lab	srgt LCS	12/26/2018	Organic	Tetrachloro-m-xylene (TCMX)	n/a	=	0.0482	µg/L	EPA 608	-88	-88			
2018/19-2	Lab	srgt LCS, rec	12/26/2018	Organic	Tetrachloro-m-xylene (TCMX)	n/a	=	48	%	EPA 608	-88	-88	35	111	
2018/19-2	Lab	srgt method blank	1/12/2019	Organic	Tetrachloro-m-xylene (TCMX)	n/a	=	0.0689	µg/L	EPA 608	-88	-88			
2018/19-2	Lab	srgt method blank, rec	1/12/2019	Organic	Tetrachloro-m-xylene (TCMX)	n/a	=	69	%	EPA 608	-88	-88	35	111	
2018/19-2	Lab	srgt LCS	1/12/2019	Organic	Tetrachloro-m-xylene (TCMX)	n/a	=	0.0664	µg/L	EPA 608	-88	-88			
2018/19-2	Lab	srgt LCS, rec	1/12/2019	Organic	Tetrachloro-m-xylene (TCMX)	n/a	=	66	%	EPA 608	-88	-88	35	111	
2018/19-2	ME-CC	srgt environ	1/12/2019	Organic	Tetrachloro-m-xylene (TCMX)	n/a	=	0.579	µg/L	EPA 608	-88	-88			
2018/19-2	ME-CC	srgt environ, rec	1/12/2019	Organic	Tetrachloro-m-xylene (TCMX)	n/a	=	58	%	EPA 608	-88	-88	35	111	
2018/19-2	ME-SCR	srgt environ	1/12/2019	Organic	Tetrachloro-m-xylene (TCMX)	n/a	=	0.491	µg/L	EPA 608	-88	-88			
2018/19-2	ME-SCR	srgt environ, rec	1/12/2019	Organic	Tetrachloro-m-xylene (TCMX)	n/a	=	49	%	EPA 608	-88	-88	35	111	
2018/19-2	ME-VR2	srgt matrix spike	1/12/2019	Organic	Tetrachloro-m-xylene (TCMX)	n/a	=	0.0517	µg/L	EPA 608	-88	-88			
2018/19-2	ME-VR2	srgt matrix spike, rec	1/12/2019	Organic	Tetrachloro-m-xylene (TCMX)	n/a	=	52	%	EPA 608	-88	-88	35	111	
2018/19-2	ME-VR2	srgt matrix spike dup	1/12/2019	Organic	Tetrachloro-m-xylene (TCMX)	n/a	=	0.0682	µg/L	EPA 608	-88	-88			
2018/19-2	ME-VR2	srgt matrix spike dup, rec	1/12/2019	Organic	Tetrachloro-m-xylene (TCMX)	n/a	=	68	%	EPA 608	-88	-88	35	111	
2018/19-2	ME-VR2	srgt environ	1/12/2019	Organic	Tetrachloro-m-xylene (TCMX)	n/a	=	0.0538	µg/L	EPA 608	-88	-88			
2018/19-2	ME-VR2	srgt environ, rec	1/12/2019	Organic	Tetrachloro-m-xylene (TCMX)	n/a	=	54	%	EPA 608	-88	-88	35	111	
2018/19-2	MO-CAM	srgt environ	1/12/2019	Organic	Tetrachloro-m-xylene (TCMX)	n/a	=	0.0809	µg/L	EPA 608	-88	-88			
2018/19-2	MO-CAM	srgt environ, rec	1/12/2019	Organic	Tetrachloro-m-xylene (TCMX)	n/a	=	81	%	EPA 608	-88	-88	35	111	
2018/19-2	MO-FIL	srgt environ	1/12/2019	Organic	Tetrachloro-m-xylene (TCMX)	n/a	=	0.0778	µg/L	EPA 608	-88	-88			
2018/19-2	MO-FIL	srgt environ, rec	1/12/2019	Organic	Tetrachloro-m-xylene (TCMX)	n/a	=	78	%	EPA 608	-88	-88	35	111	
2018/19-2	MO-HUE	srgt environ	1/12/2019	Organic	Tetrachloro-m-xylene (TCMX)	n/a	=	0.0368	µg/L	EPA 608	-88	-88			
2018/19-2	MO-HUE	srgt environ, rec	1/12/2019	Organic	Tetrachloro-m-xylene (TCMX)	n/a	=	37	%	EPA 608	-88	-88	35	111	
2018/19-2	MO-MEI	srgt environ	12/27/2018	Organic	Tetrachloro-m-xylene (TCMX)	n/a	=	0.0518	µg/L	EPA 608	-88	-88			
2018/19-2	MO-MEI	srgt environ, rec	12/27/2018	Organic	Tetrachloro-m-xylene (TCMX)	n/a	=	52	%	EPA 608	-88	-88	35	111	
2018/19-2	MO-MPK	srgt environ	1/12/2019	Organic	Tetrachloro-m-xylene (TCMX)	n/a	=	0.0703	µg/L	EPA 608	-88	-88			
2018/19-2	MO-MPK	srgt environ, rec	1/12/2019	Organic	Tetrachloro-m-xylene (TCMX)	n/a	=	70	%	EPA 608	-88	-88	35	111	
2018/19-2	MO-OJA	srgt environ	12/27/2018	Organic	Tetrachloro-m-xylene (TCMX)	n/a	=	0.0458	µg/L	EPA 608	-88	-88			
2018/19-2	MO-OJA	srgt environ, rec	12/27/2018	Organic	Tetrachloro-m-xylene (TCMX)	n/a	=	46	%	EPA 608	-88	-88	35	111	
2018/19-2	MO-OXN	srgt environ	1/12/2019	Organic	Tetrachloro-m-xylene (TCMX)	n/a	=	0.0588	µg/L	EPA 608	-88	-88			
2018/19-2	MO-OXN	srgt environ, rec	1/12/2019	Organic	Tetrachloro-m-xylene (TCMX)	n/a	=	59	%	EPA 608	-88	-88	35	111	
2018/19-2	MO-SIM	srgt environ	1/12/2019	Organic	Tetrachloro-m-xylene (TCMX)	n/a	=	0.059	µg/L	EPA 608	-88	-88			
2018/19-2	MO-SIM	srgt environ, rec	1/12/2019	Organic	Tetrachloro-m-xylene (TCMX)	n/a	=	59	%	EPA 608	-88	-88	35	111	
2018/19-2	MO-SPA	srgt environ	1/12/2019	Organic	Tetrachloro-m-xylene (TCMX)	n/a	=	0.0966	µg/L	EPA 608	-88	-88			
2018/19-2	MO-SPA	srgt environ, rec	1/12/2019	Organic	Tetrachloro-m-xylene (TCMX)	n/a	=	97	%	EPA 608	-88	-88	35	111	
2018/19-2	MO-THO	srgt environ	1/12/2019	Organic	Tetrachloro-m-xylene (TCMX)	n/a	=	0.0748	µg/L	EPA 608	-88	-88			
2018/19-2	MO-THO	srgt environ, rec	1/12/2019	Organic	Tetrachloro-m-xylene (TCMX)	n/a	=	75	%	EPA 608	-88	-88	35	111	
2018/19-2	MO-VEN	srgt environ	1/12/2019	Organic	Tetrachloro-m-xylene (TCMX)	n/a	=	0.0601	µg/L	EPA 608	-88	-88			
2018/19-2	MO-VEN	srgt environ, rec	1/12/2019	Organic	Tetrachloro-m-xylene (TCMX)	n/a	=	60	%	EPA 608	-88	-88	35	111	
2018/19-2	Lab	srgt LCS	12/3/2018	Organic	Toluene-d8	n/a	=	52.5	µg/L	EPA 624	-88	-88			
2018/19-2	Lab	srgt LCS, rec	12/3/2018	Organic	Toluene-d8	n/a	=	105	%	EPA 624	-88	-88	92	112	
2018/19-2	Lab	srgt LCS dup	12/3/2018	Organic	Toluene-d8	n/a	=	51	µg/L	EPA 624	-88	-88			
2018/19-2	Lab	srgt LCS dup, rec	12/3/2018	Organic	Toluene-d8	n/a	=	102	%	EPA 624	-88	-88	92	112	
2018/19-2	Lab	srgt method blank	12/3/2018	Organic	Toluene-d8	n/a	=	49.4	µg/L	EPA 624	-88	-88			

Appendix F
Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2018/19-2	Lab	srgt method blank, rec	12/3/2018	Organic	Toluene-d8	n/a	=	99	%	EPA 624	-88	-88	92	112	
2018/19-2	ME-CC	srgt environ	12/3/2018	Organic	Toluene-d8	n/a	=	51	µg/L	EPA 624	-88	-88			
2018/19-2	ME-CC	srgt environ, rec	12/3/2018	Organic	Toluene-d8	n/a	=	102	%	EPA 624	-88	-88	92	112	
2018/19-2	ME-CC	srgt field blank	12/4/2018	Organic	Toluene-d8	n/a	=	51	µg/L	EPA 624	-88	-88			
2018/19-2	ME-CC	srgt field blank, rec	12/4/2018	Organic	Toluene-d8	n/a	=	102	%	EPA 624	-88	-88	92	112	
2018/19-2	ME-SCR	srgt environ	12/3/2018	Organic	Toluene-d8	n/a	=	52.1	µg/L	EPA 624	-88	-88			
2018/19-2	ME-SCR	srgt environ, rec	12/3/2018	Organic	Toluene-d8	n/a	=	104	%	EPA 624	-88	-88	92	112	
2018/19-2	ME-VR2	srgt environ	12/3/2018	Organic	Toluene-d8	n/a	=	51.4	µg/L	EPA 624	-88	-88			
2018/19-2	ME-VR2	srgt environ, rec	12/3/2018	Organic	Toluene-d8	n/a	=	103	%	EPA 624	-88	-88	92	112	
2018/19-2	MO-CAM	srgt environ	12/3/2018	Organic	Toluene-d8	n/a	=	51.9	µg/L	EPA 624	-88	-88			
2018/19-2	MO-CAM	srgt environ, rec	12/3/2018	Organic	Toluene-d8	n/a	=	104	%	EPA 624	-88	-88	92	112	
2018/19-2	MO-FIL	srgt environ	12/3/2018	Organic	Toluene-d8	n/a	=	50.3	µg/L	EPA 624	-88	-88			
2018/19-2	MO-FIL	srgt environ, rec	12/3/2018	Organic	Toluene-d8	n/a	=	101	%	EPA 624	-88	-88	92	112	
2018/19-2	MO-FIL	srgt environ	12/3/2018	Organic	Toluene-d8	n/a	=	51	µg/L	EPA 624	-88	-88			
2018/19-2	MO-FIL	srgt environ, rec	12/3/2018	Organic	Toluene-d8	n/a	=	102	%	EPA 624	-88	-88	92	112	
2018/19-2	MO-HUE	srgt environ	12/4/2018	Organic	Toluene-d8	n/a	=	50.7	µg/L	EPA 624	-88	-88			
2018/19-2	MO-HUE	srgt environ, rec	12/4/2018	Organic	Toluene-d8	n/a	=	101	%	EPA 624	-88	-88	92	112	
2018/19-2	MO-MEI	srgt environ	12/3/2018	Organic	Toluene-d8	n/a	=	52.7	µg/L	EPA 624	-88	-88			
2018/19-2	MO-MEI	srgt environ, rec	12/3/2018	Organic	Toluene-d8	n/a	=	105	%	EPA 624	-88	-88	92	112	
2018/19-2	MO-MPK	srgt environ	12/4/2018	Organic	Toluene-d8	n/a	=	52.3	µg/L	EPA 624	-88	-88			
2018/19-2	MO-MPK	srgt environ, rec	12/4/2018	Organic	Toluene-d8	n/a	=	105	%	EPA 624	-88	-88	92	112	
2018/19-2	MO-OJA	srgt environ	12/3/2018	Organic	Toluene-d8	n/a	=	50	µg/L	EPA 624	-88	-88			
2018/19-2	MO-OJA	srgt environ, rec	12/3/2018	Organic	Toluene-d8	n/a	=	100	%	EPA 624	-88	-88	92	112	
2018/19-2	MO-OXN	srgt environ	12/3/2018	Organic	Toluene-d8	n/a	=	51.9	µg/L	EPA 624	-88	-88			
2018/19-2	MO-OXN	srgt environ, rec	12/3/2018	Organic	Toluene-d8	n/a	=	104	%	EPA 624	-88	-88	92	112	
2018/19-2	MO-SIM	srgt environ	12/3/2018	Organic	Toluene-d8	n/a	=	51.7	µg/L	EPA 624	-88	-88			
2018/19-2	MO-SIM	srgt environ, rec	12/3/2018	Organic	Toluene-d8	n/a	=	103	%	EPA 624	-88	-88	92	112	
2018/19-2	MO-SPA	srgt environ	12/3/2018	Organic	Toluene-d8	n/a	=	49.9	µg/L	EPA 624	-88	-88			
2018/19-2	MO-SPA	srgt environ, rec	12/3/2018	Organic	Toluene-d8	n/a	=	100	%	EPA 624	-88	-88	92	112	
2018/19-2	MO-THO	srgt environ	12/4/2018	Organic	Toluene-d8	n/a	=	50.2	µg/L	EPA 624	-88	-88			
2018/19-2	MO-THO	srgt environ, rec	12/4/2018	Organic	Toluene-d8	n/a	=	100	%	EPA 624	-88	-88	92	112	
2018/19-2	MO-VEN	srgt environ	12/3/2018	Organic	Toluene-d8	n/a	=	51.8	µg/L	EPA 624	-88	-88			
2018/19-2	MO-VEN	srgt environ, rec	12/3/2018	Organic	Toluene-d8	n/a	=	104	%	EPA 624	-88	-88	92	112	
2018/19-2	000NONPJ	srgt matrix spike	12/19/2018	Organic	Triphenylphosphate	n/a	=	0.511	µg/L	EPA 525.2m	-88	-88			
2018/19-2	000NONPJ	srgt matrix spike, rec	12/19/2018	Organic	Triphenylphosphate	n/a	=	102	%	EPA 525.2m	-88	-88	40	163	
2018/19-2	000NONPJ	srgt matrix spike dup	12/19/2018	Organic	Triphenylphosphate	n/a	=	0.479	µg/L	EPA 525.2m	-88	-88			
2018/19-2	000NONPJ	srgt matrix spike dup, rec	12/19/2018	Organic	Triphenylphosphate	n/a	=	96	%	EPA 525.2m	-88	-88	40	163	
2018/19-2	000NONPJ	srgt matrix spike	12/20/2018	Organic	Triphenylphosphate	n/a	=	1.46	µg/L	EPA 525.2m	-88	-88			GN
2018/19-2	000NONPJ	srgt matrix spike, rec	12/20/2018	Organic	Triphenylphosphate	n/a	=	292	%	EPA 525.2m	-88	-88	40	163	GN
2018/19-2	000NONPJ	srgt matrix spike dup	12/20/2018	Organic	Triphenylphosphate	n/a	=	0.918	µg/L	EPA 525.2m	-88	-88			GN
2018/19-2	000NONPJ	srgt matrix spike dup, rec	12/20/2018	Organic	Triphenylphosphate	n/a	=	184	%	EPA 525.2m	-88	-88	40	163	GN
2018/19-2	Lab	srgt method blank	12/14/2018	Organic	Triphenylphosphate	n/a	=	5.6	µg/L	EPA 525.2	-88	-88			
2018/19-2	Lab	srgt method blank, rec	12/14/2018	Organic	Triphenylphosphate	n/a	=	112	%	EPA 525.2	-88	-88	70	130	
2018/19-2	Lab	srgt LCS	12/14/2018	Organic	Triphenylphosphate	n/a	=	5.86	µg/L	EPA 525.2	-88	-88			
2018/19-2	Lab	srgt LCS, rec	12/14/2018	Organic	Triphenylphosphate	n/a	=	117	%	EPA 525.2	-88	-88	70	130	
2018/19-2	Lab	srgt LCS dup	12/14/2018	Organic	Triphenylphosphate	n/a	=	5.97	µg/L	EPA 525.2	-88	-88			
2018/19-2	Lab	srgt LCS dup, rec	12/14/2018	Organic	Triphenylphosphate	n/a	=	119	%	EPA 525.2	-88	-88	70	130	

Appendix F
Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2018/19-2	Lab	srgt method blank	12/15/2018	Organic	Triphenylphosphate	n/a	=	4.18	µg/L	EPA 525.2	-88	-88			
2018/19-2	Lab	srgt method blank, rec	12/15/2018	Organic	Triphenylphosphate	n/a	=	84	%	EPA 525.2	-88	-88	70	130	
2018/19-2	Lab	srgt LCS	12/15/2018	Organic	Triphenylphosphate	n/a	=	5.26	µg/L	EPA 525.2	-88	-88			
2018/19-2	Lab	srgt LCS, rec	12/15/2018	Organic	Triphenylphosphate	n/a	=	105	%	EPA 525.2	-88	-88	70	130	
2018/19-2	Lab	srgt LCS dup	12/15/2018	Organic	Triphenylphosphate	n/a	=	5.43	µg/L	EPA 525.2	-88	-88			
2018/19-2	Lab	srgt LCS dup, rec	12/15/2018	Organic	Triphenylphosphate	n/a	=	109	%	EPA 525.2	-88	-88	70	130	
2018/19-2	Lab	srgt method blank	12/19/2018	Organic	Triphenylphosphate	n/a	=	4.97	µg/L	EPA 525.2	-88	-88			
2018/19-2	Lab	srgt method blank, rec	12/19/2018	Organic	Triphenylphosphate	n/a	=	99	%	EPA 525.2	-88	-88	70	130	
2018/19-2	Lab	srgt LCS	12/19/2018	Organic	Triphenylphosphate	n/a	=	5.76	µg/L	EPA 525.2	-88	-88			
2018/19-2	Lab	srgt LCS, rec	12/19/2018	Organic	Triphenylphosphate	n/a	=	115	%	EPA 525.2	-88	-88	70	130	
2018/19-2	Lab	srgt LCS dup	12/19/2018	Organic	Triphenylphosphate	n/a	=	5.42	µg/L	EPA 525.2	-88	-88			
2018/19-2	Lab	srgt LCS dup, rec	12/19/2018	Organic	Triphenylphosphate	n/a	=	108	%	EPA 525.2	-88	-88	70	130	
2018/19-2	Lab	srgt method blank	12/19/2018	Organic	Triphenylphosphate	n/a	=	0.527	µg/L	EPA 525.2m	-88	-88			
2018/19-2	Lab	srgt method blank, rec	12/19/2018	Organic	Triphenylphosphate	n/a	=	105	%	EPA 525.2m	-88	-88	40	163	
2018/19-2	Lab	srgt LCS	12/19/2018	Organic	Triphenylphosphate	n/a	=	0.499	µg/L	EPA 525.2m	-88	-88			
2018/19-2	Lab	srgt LCS, rec	12/19/2018	Organic	Triphenylphosphate	n/a	=	100	%	EPA 525.2m	-88	-88	40	163	
2018/19-2	Lab	srgt method blank	12/20/2018	Organic	Triphenylphosphate	n/a	=	0.504	µg/L	EPA 525.2m	-88	-88			
2018/19-2	Lab	srgt method blank, rec	12/20/2018	Organic	Triphenylphosphate	n/a	=	101	%	EPA 525.2m	-88	-88	40	163	
2018/19-2	Lab	srgt LCS	12/20/2018	Organic	Triphenylphosphate	n/a	=	0.488	µg/L	EPA 525.2m	-88	-88			
2018/19-2	Lab	srgt LCS, rec	12/20/2018	Organic	Triphenylphosphate	n/a	=	98	%	EPA 525.2m	-88	-88	40	163	
2018/19-2	ME-CC	srgt environ	12/19/2018	Organic	Triphenylphosphate	n/a	=	6.5	µg/L	EPA 525.2	-88	-88			
2018/19-2	ME-CC	srgt environ, rec	12/19/2018	Organic	Triphenylphosphate	n/a	=	130	%	EPA 525.2	-88	-88	70	130	
2018/19-2	ME-CC	srgt environ	12/20/2018	Organic	Triphenylphosphate	n/a	=	0.716	µg/L	EPA 525.2m	-88	-88			
2018/19-2	ME-CC	srgt environ, rec	12/20/2018	Organic	Triphenylphosphate	n/a	=	143	%	EPA 525.2m	-88	-88	40	163	
2018/19-2	ME-SCR	srgt environ	12/19/2018	Organic	Triphenylphosphate	n/a	=	5.97	µg/L	EPA 525.2	-88	-88			
2018/19-2	ME-SCR	srgt environ, rec	12/19/2018	Organic	Triphenylphosphate	n/a	=	119	%	EPA 525.2	-88	-88	70	130	
2018/19-2	ME-SCR	srgt environ	12/20/2018	Organic	Triphenylphosphate	n/a	=	0.574	µg/L	EPA 525.2m	-88	-88			
2018/19-2	ME-SCR	srgt environ, rec	12/20/2018	Organic	Triphenylphosphate	n/a	=	115	%	EPA 525.2m	-88	-88	40	163	
2018/19-2	ME-VR2	srgt environ	12/14/2018	Organic	Triphenylphosphate	n/a	=	6.14	µg/L	EPA 525.2	-88	-88			
2018/19-2	ME-VR2	srgt environ, rec	12/14/2018	Organic	Triphenylphosphate	n/a	=	123	%	EPA 525.2	-88	-88	70	130	
2018/19-2	ME-VR2	srgt environ	12/19/2018	Organic	Triphenylphosphate	n/a	=	0.618	µg/L	EPA 525.2m	-88	-88			
2018/19-2	ME-VR2	srgt environ, rec	12/19/2018	Organic	Triphenylphosphate	n/a	=	124	%	EPA 525.2m	-88	-88	40	163	
2018/19-2	MO-CAM	srgt environ	12/19/2018	Organic	Triphenylphosphate	n/a	=	6.51	µg/L	EPA 525.2	-88	-88			
2018/19-2	MO-CAM	srgt environ, rec	12/19/2018	Organic	Triphenylphosphate	n/a	=	130	%	EPA 525.2	-88	-88	70	130	
2018/19-2	MO-CAM	srgt environ	12/20/2018	Organic	Triphenylphosphate	n/a	=	1.43	µg/L	EPA 525.2m	-88	-88			
2018/19-2	MO-CAM	srgt environ, rec	12/20/2018	Organic	Triphenylphosphate	n/a	=	143	%	EPA 525.2m	-88	-88	40	163	
2018/19-2	MO-FIL	srgt environ	12/14/2018	Organic	Triphenylphosphate	n/a	=	12.5	µg/L	EPA 525.2	-88	-88			
2018/19-2	MO-FIL	srgt environ, rec	12/14/2018	Organic	Triphenylphosphate	n/a	=	125	%	EPA 525.2	-88	-88	70	130	
2018/19-2	MO-FIL	srgt environ	12/19/2018	Organic	Triphenylphosphate	n/a	=	1.27	µg/L	EPA 525.2m	-88	-88			
2018/19-2	MO-FIL	srgt environ, rec	12/19/2018	Organic	Triphenylphosphate	n/a	=	127	%	EPA 525.2m	-88	-88	40	163	
2018/19-2	MO-HUE	srgt environ	12/19/2018	Organic	Triphenylphosphate	n/a	=	5.93	µg/L	EPA 525.2	-88	-88			
2018/19-2	MO-HUE	srgt environ, rec	12/19/2018	Organic	Triphenylphosphate	n/a	=	119	%	EPA 525.2	-88	-88	70	130	
2018/19-2	MO-HUE	srgt environ	12/20/2018	Organic	Triphenylphosphate	n/a	=	0.537	µg/L	EPA 525.2m	-88	-88			
2018/19-2	MO-HUE	srgt environ, rec	12/20/2018	Organic	Triphenylphosphate	n/a	=	107	%	EPA 525.2m	-88	-88	40	163	
2018/19-2	MO-MEI	srgt environ	12/16/2018	Organic	Triphenylphosphate	n/a	=	11.8	µg/L	EPA 525.2	-88	-88			
2018/19-2	MO-MEI	srgt environ, rec	12/16/2018	Organic	Triphenylphosphate	n/a	=	118	%	EPA 525.2	-88	-88	70	130	
2018/19-2	MO-MEI	srgt environ	12/19/2018	Organic	Triphenylphosphate	n/a	=	0.636	µg/L	EPA 525.2m	-88	-88			

Appendix F
Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2018/19-2	MO-MEI	srgt environ, rec	12/19/2018	Organic	Triphenylphosphate	n/a	=	127	%	EPA 525.2m	-88	-88	40	163	
2018/19-2	MO-MPK	srgt environ	12/14/2018	Organic	Triphenylphosphate	n/a	=	12.8	µg/L	EPA 525.2	-88	-88			
2018/19-2	MO-MPK	srgt environ, rec	12/14/2018	Organic	Triphenylphosphate	n/a	=	128	%	EPA 525.2	-88	-88	70	130	
2018/19-2	MO-MPK	srgt environ	12/19/2018	Organic	Triphenylphosphate	n/a	=	1.43	µg/L	EPA 525.2m	-88	-88			
2018/19-2	MO-MPK	srgt environ, rec	12/19/2018	Organic	Triphenylphosphate	n/a	=	143	%	EPA 525.2m	-88	-88	40	163	
2018/19-2	MO-OJA	srgt environ	12/16/2018	Organic	Triphenylphosphate	n/a	=	12	µg/L	EPA 525.2	-88	-88			
2018/19-2	MO-OJA	srgt environ, rec	12/16/2018	Organic	Triphenylphosphate	n/a	=	120	%	EPA 525.2	-88	-88	70	130	
2018/19-2	MO-OJA	srgt environ	12/19/2018	Organic	Triphenylphosphate	n/a	=	0.608	µg/L	EPA 525.2m	-88	-88			
2018/19-2	MO-OJA	srgt environ, rec	12/19/2018	Organic	Triphenylphosphate	n/a	=	122	%	EPA 525.2m	-88	-88	40	163	
2018/19-2	MO-OXN	srgt environ	12/14/2018	Organic	Triphenylphosphate	n/a	=	11.5	µg/L	EPA 525.2	-88	-88			
2018/19-2	MO-OXN	srgt environ, rec	12/14/2018	Organic	Triphenylphosphate	n/a	=	115	%	EPA 525.2	-88	-88	70	130	
2018/19-2	MO-OXN	srgt environ	12/19/2018	Organic	Triphenylphosphate	n/a	=	1.18	µg/L	EPA 525.2m	-88	-88			
2018/19-2	MO-OXN	srgt environ, rec	12/19/2018	Organic	Triphenylphosphate	n/a	=	118	%	EPA 525.2m	-88	-88	40	163	
2018/19-2	MO-SIM	srgt environ	12/19/2018	Organic	Triphenylphosphate	n/a	=	7.01	µg/L	EPA 525.2	-88	-88			GN
2018/19-2	MO-SIM	srgt environ, rec	12/19/2018	Organic	Triphenylphosphate	n/a	=	140	%	EPA 525.2	-88	-88	70	130	GN
2018/19-2	MO-SIM	srgt environ	12/20/2018	Organic	Triphenylphosphate	n/a	=	1.24	µg/L	EPA 525.2m	-88	-88			
2018/19-2	MO-SIM	srgt environ, rec	12/20/2018	Organic	Triphenylphosphate	n/a	=	124	%	EPA 525.2m	-88	-88	40	163	
2018/19-2	MO-SPA	srgt environ	12/14/2018	Organic	Triphenylphosphate	n/a	=	12.4	µg/L	EPA 525.2	-88	-88			
2018/19-2	MO-SPA	srgt environ, rec	12/14/2018	Organic	Triphenylphosphate	n/a	=	124	%	EPA 525.2	-88	-88	70	130	
2018/19-2	MO-SPA	srgt environ	12/19/2018	Organic	Triphenylphosphate	n/a	=	1.33	µg/L	EPA 525.2m	-88	-88			
2018/19-2	MO-SPA	srgt environ, rec	12/19/2018	Organic	Triphenylphosphate	n/a	=	133	%	EPA 525.2m	-88	-88	40	163	
2018/19-2	MO-THO	srgt environ	12/19/2018	Organic	Triphenylphosphate	n/a	=	6.35	µg/L	EPA 525.2	-88	-88			
2018/19-2	MO-THO	srgt environ, rec	12/19/2018	Organic	Triphenylphosphate	n/a	=	127	%	EPA 525.2	-88	-88	70	130	
2018/19-2	MO-THO	srgt environ	12/20/2018	Organic	Triphenylphosphate	n/a	=	1.16	µg/L	EPA 525.2m	-88	-88			
2018/19-2	MO-THO	srgt environ, rec	12/20/2018	Organic	Triphenylphosphate	n/a	=	116	%	EPA 525.2m	-88	-88	40	163	
2018/19-2	MO-VEN	srgt environ	12/19/2018	Organic	Triphenylphosphate	n/a	=	6.74	µg/L	EPA 525.2	-88	-88			GN
2018/19-2	MO-VEN	srgt environ, rec	12/19/2018	Organic	Triphenylphosphate	n/a	=	135	%	EPA 525.2	-88	-88	70	130	GN
2018/19-2	MO-VEN	srgt environ	12/20/2018	Organic	Triphenylphosphate	n/a	=	1.17	µg/L	EPA 525.2m	-88	-88			
2018/19-2	MO-VEN	srgt environ, rec	12/20/2018	Organic	Triphenylphosphate	n/a	=	117	%	EPA 525.2m	-88	-88	40	163	
2018/19-2	000NONPJ	srgt matrix spike	12/26/2018	PCB	PCB 209	n/a	=	0.0523	µg/L	EPA 608	-88	-88			
2018/19-2	000NONPJ	srgt matrix spike, rec	12/26/2018	PCB	PCB 209	n/a	=	52	%	EPA 608	-88	-88	34	125	
2018/19-2	000NONPJ	srgt matrix spike dup	12/26/2018	PCB	PCB 209	n/a	=	0.0414	µg/L	EPA 608	-88	-88			
2018/19-2	000NONPJ	srgt matrix spike dup, rec	12/26/2018	PCB	PCB 209	n/a	=	41	%	EPA 608	-88	-88	34	125	
2018/19-2	000NONPJ	srgt matrix spike	12/26/2018	PCB	PCB 209	n/a	=	0.0537	µg/L	EPA 608	-88	-88			
2018/19-2	000NONPJ	srgt matrix spike, rec	12/26/2018	PCB	PCB 209	n/a	=	54	%	EPA 608	-88	-88	34	125	
2018/19-2	000NONPJ	srgt matrix spike dup	12/27/2018	PCB	PCB 209	n/a	=	0.0466	µg/L	EPA 608	-88	-88			
2018/19-2	000NONPJ	srgt matrix spike dup, rec	12/27/2018	PCB	PCB 209	n/a	=	47	%	EPA 608	-88	-88	34	125	
2018/19-2	Lab	srgt method blank	12/26/2018	PCB	PCB 209	n/a	=	0.0625	µg/L	EPA 608	-88	-88			
2018/19-2	Lab	srgt method blank, rec	12/26/2018	PCB	PCB 209	n/a	=	62	%	EPA 608	-88	-88	34	125	
2018/19-2	Lab	srgt LCS	12/26/2018	PCB	PCB 209	n/a	=	0.0683	µg/L	EPA 608	-88	-88			
2018/19-2	Lab	srgt LCS, rec	12/26/2018	PCB	PCB 209	n/a	=	68	%	EPA 608	-88	-88	34	125	
2018/19-2	Lab	srgt method blank	1/12/2019	PCB	PCB 209	n/a	=	0.0377	µg/L	EPA 608	-88	-88			
2018/19-2	Lab	srgt method blank, rec	1/12/2019	PCB	PCB 209	n/a	=	38	%	EPA 608	-88	-88	34	125	
2018/19-2	Lab	srgt LCS	1/12/2019	PCB	PCB 209	n/a	=	0.0227	µg/L	EPA 608	-88	-88			GN
2018/19-2	Lab	srgt LCS, rec	1/12/2019	PCB	PCB 209	n/a	=	23	%	EPA 608	-88	-88	34	125	GN
2018/19-2	ME-CC	srgt environ	1/12/2019	PCB	PCB 209	n/a	=	0.394	µg/L	EPA 608	-88	-88			
2018/19-2	ME-CC	srgt environ, rec	1/12/2019	PCB	PCB 209	n/a	=	39	%	EPA 608	-88	-88	34	125	

Appendix F
Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2018/19-2	ME-SCR	srgt environ	1/12/2019	PCB	PCB 209	n/a	=	0.171	µg/L	EPA 608	-88	-88			GN
2018/19-2	ME-SCR	srgt environ, rec	1/12/2019	PCB	PCB 209	n/a	=	17	%	EPA 608	-88	-88	34	125	GN
2018/19-2	ME-VR2	srgt matrix spike	1/12/2019	PCB	PCB 209	n/a	=	0.041	µg/L	EPA 608	-88	-88			
2018/19-2	ME-VR2	srgt matrix spike, rec	1/12/2019	PCB	PCB 209	n/a	=	41	%	EPA 608	-88	-88	34	125	
2018/19-2	ME-VR2	srgt matrix spike dup	1/12/2019	PCB	PCB 209	n/a	=	0.0546	µg/L	EPA 608	-88	-88			
2018/19-2	ME-VR2	srgt matrix spike dup, rec	1/12/2019	PCB	PCB 209	n/a	=	55	%	EPA 608	-88	-88	34	125	
2018/19-2	ME-VR2	srgt environ	1/12/2019	PCB	PCB 209	n/a	=	0.0319	µg/L	EPA 608	-88	-88			GN
2018/19-2	ME-VR2	srgt environ, rec	1/12/2019	PCB	PCB 209	n/a	=	32	%	EPA 608	-88	-88	34	125	GN
2018/19-2	MO-CAM	srgt environ	1/12/2019	PCB	PCB 209	n/a	=	0.037	µg/L	EPA 608	-88	-88			
2018/19-2	MO-CAM	srgt environ, rec	1/12/2019	PCB	PCB 209	n/a	=	37	%	EPA 608	-88	-88	34	125	
2018/19-2	MO-FIL	srgt environ	1/12/2019	PCB	PCB 209	n/a	=	0.037	µg/L	EPA 608	-88	-88			
2018/19-2	MO-FIL	srgt environ, rec	1/12/2019	PCB	PCB 209	n/a	=	37	%	EPA 608	-88	-88	34	125	
2018/19-2	MO-HUE	srgt environ	1/12/2019	PCB	PCB 209	n/a	=	0.0227	µg/L	EPA 608	-88	-88			
2018/19-2	MO-HUE	srgt environ, rec	1/12/2019	PCB	PCB 209	n/a	=	23	%	EPA 608	-88	-88	34	125	
2018/19-2	MO-MEI	srgt environ	12/27/2018	PCB	PCB 209	n/a	=	0.0275	µg/L	EPA 608	-88	-88			GN
2018/19-2	MO-MEI	srgt environ, rec	12/27/2018	PCB	PCB 209	n/a	=	28	%	EPA 608	-88	-88	34	125	GN
2018/19-2	MO-MPK	srgt environ	1/12/2019	PCB	PCB 209	n/a	=	0.0408	µg/L	EPA 608	-88	-88			
2018/19-2	MO-MPK	srgt environ, rec	1/12/2019	PCB	PCB 209	n/a	=	41	%	EPA 608	-88	-88	34	125	
2018/19-2	MO-OJA	srgt environ	12/27/2018	PCB	PCB 209	n/a	=	0.0318	µg/L	EPA 608	-88	-88			GN
2018/19-2	MO-OJA	srgt environ, rec	12/27/2018	PCB	PCB 209	n/a	=	32	%	EPA 608	-88	-88	34	125	GN
2018/19-2	MO-OXN	srgt environ	1/12/2019	PCB	PCB 209	n/a	=	0.0209	µg/L	EPA 608	-88	-88			GN
2018/19-2	MO-OXN	srgt environ, rec	1/12/2019	PCB	PCB 209	n/a	=	21	%	EPA 608	-88	-88	34	125	GN
2018/19-2	MO-SIM	srgt environ	1/12/2019	PCB	PCB 209	n/a	=	0.037	µg/L	EPA 608	-88	-88			
2018/19-2	MO-SIM	srgt environ, rec	1/12/2019	PCB	PCB 209	n/a	=	37	%	EPA 608	-88	-88	34	125	
2018/19-2	MO-SPA	srgt environ	1/12/2019	PCB	PCB 209	n/a	=	0.0232	µg/L	EPA 608	-88	-88			GN
2018/19-2	MO-SPA	srgt environ, rec	1/12/2019	PCB	PCB 209	n/a	=	23	%	EPA 608	-88	-88	34	125	GN
2018/19-2	MO-THO	srgt environ	1/12/2019	PCB	PCB 209	n/a	=	0.0556	µg/L	EPA 608	-88	-88			
2018/19-2	MO-THO	srgt environ, rec	1/12/2019	PCB	PCB 209	n/a	=	56	%	EPA 608	-88	-88	34	125	
2018/19-2	MO-VEN	srgt environ	1/12/2019	PCB	PCB 209	n/a	=	0.0405	µg/L	EPA 608	-88	-88			
2018/19-2	MO-VEN	srgt environ, rec	1/12/2019	PCB	PCB 209	n/a	=	40	%	EPA 608	-88	-88	34	125	
2018/19-2	000NONPJ	matrix spike	12/18/2018	Pesticide	2,4,5-T	n/a	=	3.84	µg/L	EPA 515.3	0.07	0.2			
2018/19-2	000NONPJ	matrix spike, rec	12/18/2018	Pesticide	2,4,5-T	n/a	=	96	%	EPA 515.3	-88	-88	70	130	
2018/19-2	000NONPJ	matrix spike dup	12/18/2018	Pesticide	2,4,5-T	n/a	=	3.88	µg/L	EPA 515.3	0.07	0.2			
2018/19-2	000NONPJ	matrix spike dup, rec	12/18/2018	Pesticide	2,4,5-T	n/a	=	97	%	EPA 515.3	-88	-88	70	130	
2018/19-2	000NONPJ	matrix spike, RPD	12/18/2018	Pesticide	2,4,5-T	n/a	=	1	%	EPA 515.3	-88	-88	0	30	
2018/19-2	000NONPJ	matrix spike	12/18/2018	Pesticide	2,4,5-T	n/a	=	3.78	µg/L	EPA 515.3	0.07	0.2			
2018/19-2	000NONPJ	matrix spike, rec	12/18/2018	Pesticide	2,4,5-T	n/a	=	94	%	EPA 515.3	-88	-88	70	130	
2018/19-2	000NONPJ	matrix spike dup	12/18/2018	Pesticide	2,4,5-T	n/a	=	3.65	µg/L	EPA 515.3	0.07	0.2			
2018/19-2	000NONPJ	matrix spike dup, rec	12/18/2018	Pesticide	2,4,5-T	n/a	=	91	%	EPA 515.3	-88	-88	70	130	
2018/19-2	000NONPJ	matrix spike, RPD	12/18/2018	Pesticide	2,4,5-T	n/a	=	3	%	EPA 515.3	-88	-88	0	30	
2018/19-2	Lab	method blank	12/18/2018	Pesticide	2,4,5-T	n/a	<	0.07	µg/L	EPA 515.3	0.07	0.2			
2018/19-2	Lab	LCS	12/18/2018	Pesticide	2,4,5-T	n/a	=	3.67	µg/L	EPA 515.3	0.07	0.2			
2018/19-2	Lab	LCS, rec	12/18/2018	Pesticide	2,4,5-T	n/a	=	92	%	EPA 515.3	-88	-88	70	130	
2018/19-2	Lab	method blank	12/28/2018	Pesticide	2,4,5-T	n/a	<	0.07	µg/L	EPA 515.3	0.07	0.2			
2018/19-2	Lab	LCS	12/28/2018	Pesticide	2,4,5-T	n/a	=	4.01	µg/L	EPA 515.3	0.07	0.2			
2018/19-2	Lab	LCS, rec	12/28/2018	Pesticide	2,4,5-T	n/a	=	100	%	EPA 515.3	-88	-88	70	130	
2018/19-2	ME-VR2	matrix spike	12/28/2018	Pesticide	2,4,5-T	n/a	=	4.07	µg/L	EPA 515.3	0.07	0.2			

Appendix F
Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2018/19-2	ME-VR2	matrix spike, rec	12/28/2018	Pesticide	2,4,5-T	n/a	=	102	%	EPA 515.3	-88	-88	70	130	
2018/19-2	ME-VR2	matrix spike dup	12/28/2018	Pesticide	2,4,5-T	n/a	=	4.08	µg/L	EPA 515.3	0.07	0.2			
2018/19-2	ME-VR2	matrix spike dup, rec	12/28/2018	Pesticide	2,4,5-T	n/a	=	102	%	EPA 515.3	-88	-88	70	130	
2018/19-2	ME-VR2	matrix spike, RPD	12/28/2018	Pesticide	2,4,5-T	n/a	=	0.4	%	EPA 515.3	-88	-88	0	30	
2018/19-2	MO-CAM	matrix spike	12/28/2018	Pesticide	2,4,5-T	n/a	=	4.11	µg/L	EPA 515.3	0.07	0.2			
2018/19-2	MO-CAM	matrix spike, rec	12/28/2018	Pesticide	2,4,5-T	n/a	=	103	%	EPA 515.3	-88	-88	70	130	
2018/19-2	MO-CAM	matrix spike dup	12/28/2018	Pesticide	2,4,5-T	n/a	=	4.15	µg/L	EPA 515.3	0.07	0.2			
2018/19-2	MO-CAM	matrix spike dup, rec	12/28/2018	Pesticide	2,4,5-T	n/a	=	104	%	EPA 515.3	-88	-88	70	130	
2018/19-2	MO-CAM	matrix spike, RPD	12/28/2018	Pesticide	2,4,5-T	n/a	=	0.9	%	EPA 515.3	-88	-88	0	30	
2018/19-2	000NONPJ	matrix spike	12/18/2018	Pesticide	2,4,5-TP	n/a	=	3.94	µg/L	EPA 515.3	0.09	0.2			
2018/19-2	000NONPJ	matrix spike, rec	12/18/2018	Pesticide	2,4,5-TP	n/a	=	99	%	EPA 515.3	-88	-88	70	130	
2018/19-2	000NONPJ	matrix spike dup	12/18/2018	Pesticide	2,4,5-TP	n/a	=	3.85	µg/L	EPA 515.3	0.09	0.2			
2018/19-2	000NONPJ	matrix spike dup, rec	12/18/2018	Pesticide	2,4,5-TP	n/a	=	96	%	EPA 515.3	-88	-88	70	130	
2018/19-2	000NONPJ	matrix spike, RPD	12/18/2018	Pesticide	2,4,5-TP	n/a	=	2	%	EPA 515.3	-88	-88	0	30	
2018/19-2	000NONPJ	matrix spike	12/18/2018	Pesticide	2,4,5-TP	n/a	=	4.04	µg/L	EPA 515.3	0.09	0.2			
2018/19-2	000NONPJ	matrix spike, rec	12/18/2018	Pesticide	2,4,5-TP	n/a	=	101	%	EPA 515.3	-88	-88	70	130	
2018/19-2	000NONPJ	matrix spike dup	12/18/2018	Pesticide	2,4,5-TP	n/a	=	3.73	µg/L	EPA 515.3	0.09	0.2			
2018/19-2	000NONPJ	matrix spike dup, rec	12/18/2018	Pesticide	2,4,5-TP	n/a	=	93	%	EPA 515.3	-88	-88	70	130	
2018/19-2	000NONPJ	matrix spike, RPD	12/18/2018	Pesticide	2,4,5-TP	n/a	=	8	%	EPA 515.3	-88	-88	0	30	
2018/19-2	Lab	method blank	12/18/2018	Pesticide	2,4,5-TP	n/a	<	0.09	µg/L	EPA 515.3	0.09	0.2			
2018/19-2	Lab	LCS	12/18/2018	Pesticide	2,4,5-TP	n/a	=	3.79	µg/L	EPA 515.3	0.09	0.2			
2018/19-2	Lab	LCS, rec	12/18/2018	Pesticide	2,4,5-TP	n/a	=	95	%	EPA 515.3	-88	-88	70	130	
2018/19-2	Lab	method blank	12/28/2018	Pesticide	2,4,5-TP	n/a	<	0.09	µg/L	EPA 515.3	0.09	0.2			
2018/19-2	Lab	LCS	12/28/2018	Pesticide	2,4,5-TP	n/a	=	4.22	µg/L	EPA 515.3	0.09	0.2			
2018/19-2	Lab	LCS, rec	12/28/2018	Pesticide	2,4,5-TP	n/a	=	106	%	EPA 515.3	-88	-88	70	130	
2018/19-2	ME-VR2	matrix spike	12/28/2018	Pesticide	2,4,5-TP	n/a	=	4.18	µg/L	EPA 515.3	0.09	0.2			
2018/19-2	ME-VR2	matrix spike, rec	12/28/2018	Pesticide	2,4,5-TP	n/a	=	104	%	EPA 515.3	-88	-88	70	130	
2018/19-2	ME-VR2	matrix spike dup	12/28/2018	Pesticide	2,4,5-TP	n/a	=	4.19	µg/L	EPA 515.3	0.09	0.2			
2018/19-2	ME-VR2	matrix spike dup, rec	12/28/2018	Pesticide	2,4,5-TP	n/a	=	105	%	EPA 515.3	-88	-88	70	130	
2018/19-2	ME-VR2	matrix spike, RPD	12/28/2018	Pesticide	2,4,5-TP	n/a	=	0.4	%	EPA 515.3	-88	-88	0	30	
2018/19-2	MO-CAM	matrix spike	12/28/2018	Pesticide	2,4,5-TP	n/a	=	3.96	µg/L	EPA 515.3	0.09	0.2			
2018/19-2	MO-CAM	matrix spike, rec	12/28/2018	Pesticide	2,4,5-TP	n/a	=	99	%	EPA 515.3	-88	-88	70	130	
2018/19-2	MO-CAM	matrix spike dup	12/28/2018	Pesticide	2,4,5-TP	n/a	=	4.03	µg/L	EPA 515.3	0.09	0.2			
2018/19-2	MO-CAM	matrix spike dup, rec	12/28/2018	Pesticide	2,4,5-TP	n/a	=	101	%	EPA 515.3	-88	-88	70	130	
2018/19-2	MO-CAM	matrix spike, RPD	12/28/2018	Pesticide	2,4,5-TP	n/a	=	2	%	EPA 515.3	-88	-88	0	30	
2018/19-2	000NONPJ	matrix spike	12/18/2018	Pesticide	2,4-D	n/a	=	8.2	µg/L	EPA 515.3	0.07	0.4			
2018/19-2	000NONPJ	matrix spike, rec	12/18/2018	Pesticide	2,4-D	n/a	=	102	%	EPA 515.3	-88	-88	70	130	
2018/19-2	000NONPJ	matrix spike dup	12/18/2018	Pesticide	2,4-D	n/a	=	8.1	µg/L	EPA 515.3	0.07	0.4			
2018/19-2	000NONPJ	matrix spike dup, rec	12/18/2018	Pesticide	2,4-D	n/a	=	101	%	EPA 515.3	-88	-88	70	130	
2018/19-2	000NONPJ	matrix spike, RPD	12/18/2018	Pesticide	2,4-D	n/a	=	1	%	EPA 515.3	-88	-88	0	30	
2018/19-2	000NONPJ	matrix spike	12/18/2018	Pesticide	2,4-D	n/a	=	7.88	µg/L	EPA 515.3	0.07	0.4			
2018/19-2	000NONPJ	matrix spike, rec	12/18/2018	Pesticide	2,4-D	n/a	=	99	%	EPA 515.3	-88	-88	70	130	
2018/19-2	000NONPJ	matrix spike dup	12/18/2018	Pesticide	2,4-D	n/a	=	7.58	µg/L	EPA 515.3	0.07	0.4			
2018/19-2	000NONPJ	matrix spike dup, rec	12/18/2018	Pesticide	2,4-D	n/a	=	95	%	EPA 515.3	-88	-88	70	130	
2018/19-2	000NONPJ	matrix spike, RPD	12/18/2018	Pesticide	2,4-D	n/a	=	4	%	EPA 515.3	-88	-88	0	30	
2018/19-2	Lab	method blank	12/18/2018	Pesticide	2,4-D	n/a	<	0.07	µg/L	EPA 515.3	0.07	0.4			
2018/19-2	Lab	LCS	12/18/2018	Pesticide	2,4-D	n/a	=	7.44	µg/L	EPA 515.3	0.07	0.4			

Appendix F
Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2018/19-2	Lab	LCS, rec	12/18/2018	Pesticide	2,4-D	n/a	=	93	%	EPA 515.3	-88	-88	70	130	
2018/19-2	Lab	method blank	12/28/2018	Pesticide	2,4-D	n/a	<	0.07	µg/L	EPA 515.3	0.07	0.4			
2018/19-2	Lab	LCS	12/28/2018	Pesticide	2,4-D	n/a	=	8.37	µg/L	EPA 515.3	0.07	0.4			
2018/19-2	Lab	LCS, rec	12/28/2018	Pesticide	2,4-D	n/a	=	105	%	EPA 515.3	-88	-88	70	130	
2018/19-2	ME-VR2	matrix spike	12/28/2018	Pesticide	2,4-D	n/a	=	8.46	µg/L	EPA 515.3	0.07	0.4			
2018/19-2	ME-VR2	matrix spike, rec	12/28/2018	Pesticide	2,4-D	n/a	=	106	%	EPA 515.3	-88	-88	70	130	
2018/19-2	ME-VR2	matrix spike dup	12/28/2018	Pesticide	2,4-D	n/a	=	8.52	µg/L	EPA 515.3	0.07	0.4			
2018/19-2	ME-VR2	matrix spike dup, rec	12/28/2018	Pesticide	2,4-D	n/a	=	106	%	EPA 515.3	-88	-88	70	130	
2018/19-2	ME-VR2	matrix spike, RPD	12/28/2018	Pesticide	2,4-D	n/a	=	0.7	%	EPA 515.3	-88	-88	0	30	
2018/19-2	MO-CAM	matrix spike	12/28/2018	Pesticide	2,4-D	n/a	=	8.6	µg/L	EPA 515.3	0.07	0.4			
2018/19-2	MO-CAM	matrix spike, rec	12/28/2018	Pesticide	2,4-D	n/a	=	108	%	EPA 515.3	-88	-88	70	130	
2018/19-2	MO-CAM	matrix spike dup	12/28/2018	Pesticide	2,4-D	n/a	=	8.66	µg/L	EPA 515.3	0.07	0.4			
2018/19-2	MO-CAM	matrix spike dup, rec	12/28/2018	Pesticide	2,4-D	n/a	=	108	%	EPA 515.3	-88	-88	70	130	
2018/19-2	MO-CAM	matrix spike, RPD	12/28/2018	Pesticide	2,4-D	n/a	=	0.6	%	EPA 515.3	-88	-88	0	30	
2018/19-2	000NONPJ	matrix spike	12/18/2018	Pesticide	2,4-DB	n/a	=	11.1	µg/L	EPA 515.3	0.07	2			GB
2018/19-2	000NONPJ	matrix spike, rec	12/18/2018	Pesticide	2,4-DB	n/a	=	69	%	EPA 515.3	-88	-88	70	130	GB
2018/19-2	000NONPJ	matrix spike dup	12/18/2018	Pesticide	2,4-DB	n/a	=	9.99	µg/L	EPA 515.3	0.07	2			GB
2018/19-2	000NONPJ	matrix spike dup, rec	12/18/2018	Pesticide	2,4-DB	n/a	=	62	%	EPA 515.3	-88	-88	70	130	GB
2018/19-2	000NONPJ	matrix spike, RPD	12/18/2018	Pesticide	2,4-DB	n/a	=	11	%	EPA 515.3	-88	-88	0	30	GB
2018/19-2	000NONPJ	matrix spike	12/18/2018	Pesticide	2,4-DB	n/a	=	12.9	µg/L	EPA 515.3	0.07	2			
2018/19-2	000NONPJ	matrix spike, rec	12/18/2018	Pesticide	2,4-DB	n/a	=	81	%	EPA 515.3	-88	-88	70	130	
2018/19-2	000NONPJ	matrix spike dup	12/18/2018	Pesticide	2,4-DB	n/a	=	7.72	µg/L	EPA 515.3	0.07	2			GB,IL
2018/19-2	000NONPJ	matrix spike dup, rec	12/18/2018	Pesticide	2,4-DB	n/a	=	48	%	EPA 515.3	-88	-88	70	130	GB,IL
2018/19-2	000NONPJ	matrix spike, RPD	12/18/2018	Pesticide	2,4-DB	n/a	=	50	%	EPA 515.3	-88	-88	0	30	GB,IL
2018/19-2	Lab	method blank	12/18/2018	Pesticide	2,4-DB	n/a	<	0.07	µg/L	EPA 515.3	0.07	2			
2018/19-2	Lab	LCS	12/18/2018	Pesticide	2,4-DB	n/a	=	12.2	µg/L	EPA 515.3	0.07	2			
2018/19-2	Lab	LCS, rec	12/18/2018	Pesticide	2,4-DB	n/a	=	76	%	EPA 515.3	-88	-88	70	130	
2018/19-2	Lab	method blank	12/28/2018	Pesticide	2,4-DB	n/a	<	0.07	µg/L	EPA 515.3	0.07	2			
2018/19-2	Lab	LCS	12/28/2018	Pesticide	2,4-DB	n/a	=	16.6	µg/L	EPA 515.3	0.07	2			
2018/19-2	Lab	LCS, rec	12/28/2018	Pesticide	2,4-DB	n/a	=	104	%	EPA 515.3	-88	-88	70	130	
2018/19-2	ME-VR2	matrix spike	12/28/2018	Pesticide	2,4-DB	n/a	=	15.7	µg/L	EPA 515.3	0.07	2			
2018/19-2	ME-VR2	matrix spike, rec	12/28/2018	Pesticide	2,4-DB	n/a	=	98	%	EPA 515.3	-88	-88	70	130	
2018/19-2	ME-VR2	matrix spike dup	12/28/2018	Pesticide	2,4-DB	n/a	=	16.8	µg/L	EPA 515.3	0.07	2			
2018/19-2	ME-VR2	matrix spike dup, rec	12/28/2018	Pesticide	2,4-DB	n/a	=	105	%	EPA 515.3	-88	-88	70	130	
2018/19-2	ME-VR2	matrix spike, RPD	12/28/2018	Pesticide	2,4-DB	n/a	=	7	%	EPA 515.3	-88	-88	0	30	
2018/19-2	MO-CAM	matrix spike	12/28/2018	Pesticide	2,4-DB	n/a	=	15.7	µg/L	EPA 515.3	0.07	2			
2018/19-2	MO-CAM	matrix spike, rec	12/28/2018	Pesticide	2,4-DB	n/a	=	94	%	EPA 515.3	-88	-88	70	130	
2018/19-2	MO-CAM	matrix spike dup	12/28/2018	Pesticide	2,4-DB	n/a	=	15.3	µg/L	EPA 515.3	0.07	2			
2018/19-2	MO-CAM	matrix spike dup, rec	12/28/2018	Pesticide	2,4-DB	n/a	=	92	%	EPA 515.3	-88	-88	70	130	
2018/19-2	MO-CAM	matrix spike, RPD	12/28/2018	Pesticide	2,4-DB	n/a	=	2	%	EPA 515.3	-88	-88	0	30	
2018/19-2	000NONPJ	matrix spike	12/18/2018	Pesticide	3,5-Dichlorobenzoic acid	n/a	=	8.14	µg/L	EPA 515.3	0.09	1			
2018/19-2	000NONPJ	matrix spike, rec	12/18/2018	Pesticide	3,5-Dichlorobenzoic acid	n/a	=	102	%	EPA 515.3	-88	-88	70	130	
2018/19-2	000NONPJ	matrix spike dup	12/18/2018	Pesticide	3,5-Dichlorobenzoic acid	n/a	=	8.13	µg/L	EPA 515.3	0.09	1			
2018/19-2	000NONPJ	matrix spike dup, rec	12/18/2018	Pesticide	3,5-Dichlorobenzoic acid	n/a	=	102	%	EPA 515.3	-88	-88	70	130	
2018/19-2	000NONPJ	matrix spike, RPD	12/18/2018	Pesticide	3,5-Dichlorobenzoic acid	n/a	=	0.2	%	EPA 515.3	-88	-88	0	30	
2018/19-2	000NONPJ	matrix spike	12/18/2018	Pesticide	3,5-Dichlorobenzoic acid	n/a	=	8.57	µg/L	EPA 515.3	0.09	1			
2018/19-2	000NONPJ	matrix spike, rec	12/18/2018	Pesticide	3,5-Dichlorobenzoic acid	n/a	=	107	%	EPA 515.3	-88	-88	70	130	

Appendix F
Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2018/19-2	000NONPJ	matrix spike dup	12/18/2018	Pesticide	3,5-Dichlorobenzoic acid	n/a	=	7.91	µg/L	EPA 515.3	0.09	1			
2018/19-2	000NONPJ	matrix spike dup, rec	12/18/2018	Pesticide	3,5-Dichlorobenzoic acid	n/a	=	99	%	EPA 515.3	-88	-88	70	130	
2018/19-2	000NONPJ	matrix spike, RPD	12/18/2018	Pesticide	3,5-Dichlorobenzoic acid	n/a	=	8	%	EPA 515.3	-88	-88	0	30	
2018/19-2	Lab	method blank	12/18/2018	Pesticide	3,5-Dichlorobenzoic acid	n/a	<	0.09	µg/L	EPA 515.3	0.09	1			
2018/19-2	Lab	LCS	12/18/2018	Pesticide	3,5-Dichlorobenzoic acid	n/a	=	7.93	µg/L	EPA 515.3	0.09	1			
2018/19-2	Lab	LCS, rec	12/18/2018	Pesticide	3,5-Dichlorobenzoic acid	n/a	=	99	%	EPA 515.3	-88	-88	70	130	
2018/19-2	Lab	method blank	12/28/2018	Pesticide	3,5-Dichlorobenzoic acid	n/a	<	0.09	µg/L	EPA 515.3	0.09	1			
2018/19-2	Lab	LCS	12/28/2018	Pesticide	3,5-Dichlorobenzoic acid	n/a	=	8.34	µg/L	EPA 515.3	0.09	1			
2018/19-2	Lab	LCS, rec	12/28/2018	Pesticide	3,5-Dichlorobenzoic acid	n/a	=	104	%	EPA 515.3	-88	-88	70	130	
2018/19-2	ME-VR2	matrix spike	12/28/2018	Pesticide	3,5-Dichlorobenzoic acid	n/a	=	8.53	µg/L	EPA 515.3	0.09	1			
2018/19-2	ME-VR2	matrix spike, rec	12/28/2018	Pesticide	3,5-Dichlorobenzoic acid	n/a	=	107	%	EPA 515.3	-88	-88	70	130	
2018/19-2	ME-VR2	matrix spike dup	12/28/2018	Pesticide	3,5-Dichlorobenzoic acid	n/a	=	8.67	µg/L	EPA 515.3	0.09	1			
2018/19-2	ME-VR2	matrix spike dup, rec	12/28/2018	Pesticide	3,5-Dichlorobenzoic acid	n/a	=	108	%	EPA 515.3	-88	-88	70	130	
2018/19-2	ME-VR2	matrix spike, RPD	12/28/2018	Pesticide	3,5-Dichlorobenzoic acid	n/a	=	2	%	EPA 515.3	-88	-88	0	30	
2018/19-2	MO-CAM	matrix spike	12/28/2018	Pesticide	3,5-Dichlorobenzoic acid	n/a	=	8.67	µg/L	EPA 515.3	0.09	1			
2018/19-2	MO-CAM	matrix spike, rec	12/28/2018	Pesticide	3,5-Dichlorobenzoic acid	n/a	=	108	%	EPA 515.3	-88	-88	70	130	
2018/19-2	MO-CAM	matrix spike dup	12/28/2018	Pesticide	3,5-Dichlorobenzoic acid	n/a	=	8.82	µg/L	EPA 515.3	0.09	1			
2018/19-2	MO-CAM	matrix spike dup, rec	12/28/2018	Pesticide	3,5-Dichlorobenzoic acid	n/a	=	110	%	EPA 515.3	-88	-88	70	130	
2018/19-2	MO-CAM	matrix spike, RPD	12/28/2018	Pesticide	3,5-Dichlorobenzoic acid	n/a	=	2	%	EPA 515.3	-88	-88	0	30	
2018/19-2	000NONPJ	matrix spike	12/26/2018	Pesticide	4,4'-DDD	n/a	=	0.0646	µg/L	EPA 608	0.003	0.05			
2018/19-2	000NONPJ	matrix spike, rec	12/26/2018	Pesticide	4,4'-DDD	n/a	=	65	%	EPA 608	-88	-88	23	124	
2018/19-2	000NONPJ	matrix spike dup	12/26/2018	Pesticide	4,4'-DDD	n/a	=	0.0565	µg/L	EPA 608	0.003	0.05			
2018/19-2	000NONPJ	matrix spike dup, rec	12/26/2018	Pesticide	4,4'-DDD	n/a	=	57	%	EPA 608	-88	-88	23	124	
2018/19-2	000NONPJ	matrix spike, RPD	12/26/2018	Pesticide	4,4'-DDD	n/a	=	13	%	EPA 608	-88	-88	0	30	
2018/19-2	000NONPJ	matrix spike	12/26/2018	Pesticide	4,4'-DDD	n/a	DNQ	0.0231	µg/L	EPA 608	0	1			
2018/19-2	000NONPJ	matrix spike, rec	12/26/2018	Pesticide	4,4'-DDD	n/a	=	23	%	EPA 608	-88	-88	23	124	
2018/19-2	000NONPJ	matrix spike dup	12/27/2018	Pesticide	4,4'-DDD	n/a	DNQ	0.0254	µg/L	EPA 608	0	1			
2018/19-2	000NONPJ	matrix spike dup, rec	12/27/2018	Pesticide	4,4'-DDD	n/a	=	25	%	EPA 608	-88	-88	23	124	
2018/19-2	000NONPJ	matrix spike, RPD	12/27/2018	Pesticide	4,4'-DDD	n/a	=	10	%	EPA 608	-88	-88	0	30	
2018/19-2	Lab	method blank	12/26/2018	Pesticide	4,4'-DDD	n/a	<	0.003	µg/L	EPA 608	0.003	0.05			
2018/19-2	Lab	LCS	12/26/2018	Pesticide	4,4'-DDD	n/a	=	0.0762	µg/L	EPA 608	0.003	0.05			
2018/19-2	Lab	LCS, rec	12/26/2018	Pesticide	4,4'-DDD	n/a	=	76	%	EPA 608	-88	-88	42	133	
2018/19-2	Lab	method blank	1/12/2019	Pesticide	4,4'-DDD	n/a	<	0.003	µg/L	EPA 608	0.003	0.05			
2018/19-2	Lab	LCS	1/12/2019	Pesticide	4,4'-DDD	n/a	=	0.0878	µg/L	EPA 608	0.003	0.05			
2018/19-2	Lab	LCS, rec	1/12/2019	Pesticide	4,4'-DDD	n/a	=	88	%	EPA 608	-88	-88	42	133	
2018/19-2	ME-VR2	matrix spike	1/12/2019	Pesticide	4,4'-DDD	n/a	=	0.0552	µg/L	EPA 608	0.003	0.05			
2018/19-2	ME-VR2	matrix spike, rec	1/12/2019	Pesticide	4,4'-DDD	n/a	=	55	%	EPA 608	-88	-88	23	124	
2018/19-2	ME-VR2	matrix spike dup	1/12/2019	Pesticide	4,4'-DDD	n/a	=	0.0764	µg/L	EPA 608	0.003	0.05			IL
2018/19-2	ME-VR2	matrix spike dup, rec	1/12/2019	Pesticide	4,4'-DDD	n/a	=	76	%	EPA 608	-88	-88	23	124	IL
2018/19-2	ME-VR2	matrix spike, RPD	1/12/2019	Pesticide	4,4'-DDD	n/a	=	32	%	EPA 608	-88	-88	0	30	IL
2018/19-2	000NONPJ	matrix spike	12/26/2018	Pesticide	4,4'-DDE	n/a	=	0.0643	µg/L	EPA 608	0.0025	0.05			
2018/19-2	000NONPJ	matrix spike, rec	12/26/2018	Pesticide	4,4'-DDE	n/a	=	64	%	EPA 608	-88	-88	30	114	
2018/19-2	000NONPJ	matrix spike dup	12/26/2018	Pesticide	4,4'-DDE	n/a	=	0.0573	µg/L	EPA 608	0.0025	0.05			
2018/19-2	000NONPJ	matrix spike dup, rec	12/26/2018	Pesticide	4,4'-DDE	n/a	=	57	%	EPA 608	-88	-88	30	114	
2018/19-2	000NONPJ	matrix spike, RPD	12/26/2018	Pesticide	4,4'-DDE	n/a	=	12	%	EPA 608	-88	-88	0	30	
2018/19-2	000NONPJ	matrix spike	12/26/2018	Pesticide	4,4'-DDE	n/a	DNQ	0.0332	µg/L	EPA 608	0	1			
2018/19-2	000NONPJ	matrix spike, rec	12/26/2018	Pesticide	4,4'-DDE	n/a	=	33	%	EPA 608	-88	-88	30	114	

Appendix F
Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2018/19-2	000NONPJ	matrix spike dup	12/27/2018	Pesticide	4,4'-DDE	n/a	DNQ	0.0318	µg/L	EPA 608	0	1			
2018/19-2	000NONPJ	matrix spike dup, rec	12/27/2018	Pesticide	4,4'-DDE	n/a	=	32	%	EPA 608	-88	-88	30	114	
2018/19-2	000NONPJ	matrix spike, RPD	12/27/2018	Pesticide	4,4'-DDE	n/a	=	4	%	EPA 608	-88	-88	0	30	
2018/19-2	Lab	method blank	12/26/2018	Pesticide	4,4'-DDE	n/a	<	0.0025	µg/L	EPA 608	0.0025	0.05			
2018/19-2	Lab	LCS	12/26/2018	Pesticide	4,4'-DDE	n/a	=	0.0741	µg/L	EPA 608	0.0025	0.05			
2018/19-2	Lab	LCS, rec	12/26/2018	Pesticide	4,4'-DDE	n/a	=	74	%	EPA 608	-88	-88	33	126	
2018/19-2	Lab	method blank	1/12/2019	Pesticide	4,4'-DDE	n/a	<	0.0025	µg/L	EPA 608	0.0025	0.05			
2018/19-2	Lab	LCS	1/12/2019	Pesticide	4,4'-DDE	n/a	=	0.0723	µg/L	EPA 608	0.0025	0.05			
2018/19-2	Lab	LCS, rec	1/12/2019	Pesticide	4,4'-DDE	n/a	=	72	%	EPA 608	-88	-88	33	126	
2018/19-2	ME-VR2	matrix spike	1/12/2019	Pesticide	4,4'-DDE	n/a	DNQ	0.0445	µg/L	EPA 608	0.0025	0.05			
2018/19-2	ME-VR2	matrix spike, rec	1/12/2019	Pesticide	4,4'-DDE	n/a	=	44	%	EPA 608	-88	-88	30	114	
2018/19-2	ME-VR2	matrix spike dup	1/12/2019	Pesticide	4,4'-DDE	n/a	=	0.0615	µg/L	EPA 608	0.0025	0.05			IL
2018/19-2	ME-VR2	matrix spike dup, rec	1/12/2019	Pesticide	4,4'-DDE	n/a	=	61	%	EPA 608	-88	-88	30	114	IL
2018/19-2	ME-VR2	matrix spike, RPD	1/12/2019	Pesticide	4,4'-DDE	n/a	=	32	%	EPA 608	-88	-88	0	30	IL
2018/19-2	000NONPJ	matrix spike	12/26/2018	Pesticide	4,4'-DDT	n/a	=	0.0635	µg/L	EPA 608	0.0031	0.01			
2018/19-2	000NONPJ	matrix spike, rec	12/26/2018	Pesticide	4,4'-DDT	n/a	=	64	%	EPA 608	-88	-88	11	151	
2018/19-2	000NONPJ	matrix spike dup	12/26/2018	Pesticide	4,4'-DDT	n/a	=	0.0554	µg/L	EPA 608	0.0031	0.01			
2018/19-2	000NONPJ	matrix spike dup, rec	12/26/2018	Pesticide	4,4'-DDT	n/a	=	55	%	EPA 608	-88	-88	11	151	
2018/19-2	000NONPJ	matrix spike, RPD	12/26/2018	Pesticide	4,4'-DDT	n/a	=	14	%	EPA 608	-88	-88	0	30	
2018/19-2	000NONPJ	matrix spike	12/26/2018	Pesticide	4,4'-DDT	n/a	DNQ	0.0529	µg/L	EPA 608	0	0.2			
2018/19-2	000NONPJ	matrix spike, rec	12/26/2018	Pesticide	4,4'-DDT	n/a	=	53	%	EPA 608	-88	-88	11	151	
2018/19-2	000NONPJ	matrix spike dup	12/27/2018	Pesticide	4,4'-DDT	n/a	DNQ	0.0506	µg/L	EPA 608	0	0.2			
2018/19-2	000NONPJ	matrix spike dup, rec	12/27/2018	Pesticide	4,4'-DDT	n/a	=	51	%	EPA 608	-88	-88	11	151	
2018/19-2	000NONPJ	matrix spike, RPD	12/27/2018	Pesticide	4,4'-DDT	n/a	=	5	%	EPA 608	-88	-88	0	30	
2018/19-2	Lab	method blank	12/26/2018	Pesticide	4,4'-DDT	n/a	<	0.0031	µg/L	EPA 608	0.0031	0.01			
2018/19-2	Lab	LCS	12/26/2018	Pesticide	4,4'-DDT	n/a	=	0.0731	µg/L	EPA 608	0.0031	0.01			
2018/19-2	Lab	LCS, rec	12/26/2018	Pesticide	4,4'-DDT	n/a	=	73	%	EPA 608	-88	-88	35	147	
2018/19-2	Lab	method blank	1/12/2019	Pesticide	4,4'-DDT	n/a	<	0.0031	µg/L	EPA 608	0.0031	0.01			
2018/19-2	Lab	LCS	1/12/2019	Pesticide	4,4'-DDT	n/a	=	0.0819	µg/L	EPA 608	0.0031	0.01			
2018/19-2	Lab	LCS, rec	1/12/2019	Pesticide	4,4'-DDT	n/a	=	82	%	EPA 608	-88	-88	35	147	
2018/19-2	ME-VR2	matrix spike	1/12/2019	Pesticide	4,4'-DDT	n/a	=	0.0617	µg/L	EPA 608	0.0031	0.01			
2018/19-2	ME-VR2	matrix spike, rec	1/12/2019	Pesticide	4,4'-DDT	n/a	=	62	%	EPA 608	-88	-88	11	151	
2018/19-2	ME-VR2	matrix spike dup	1/12/2019	Pesticide	4,4'-DDT	n/a	=	0.0816	µg/L	EPA 608	0.0031	0.01			
2018/19-2	ME-VR2	matrix spike dup, rec	1/12/2019	Pesticide	4,4'-DDT	n/a	=	82	%	EPA 608	-88	-88	11	151	
2018/19-2	ME-VR2	matrix spike, RPD	1/12/2019	Pesticide	4,4'-DDT	n/a	=	28	%	EPA 608	-88	-88	0	30	
2018/19-2	000NONPJ	matrix spike	12/18/2018	Pesticide	Acifluorfen	n/a	=	4.2	µg/L	EPA 515.3	0.06	0.4			
2018/19-2	000NONPJ	matrix spike, rec	12/18/2018	Pesticide	Acifluorfen	n/a	=	105	%	EPA 515.3	-88	-88	70	130	
2018/19-2	000NONPJ	matrix spike dup	12/18/2018	Pesticide	Acifluorfen	n/a	=	4.16	µg/L	EPA 515.3	0.06	0.4			
2018/19-2	000NONPJ	matrix spike dup, rec	12/18/2018	Pesticide	Acifluorfen	n/a	=	104	%	EPA 515.3	-88	-88	70	130	
2018/19-2	000NONPJ	matrix spike, RPD	12/18/2018	Pesticide	Acifluorfen	n/a	=	1	%	EPA 515.3	-88	-88	0	30	
2018/19-2	000NONPJ	matrix spike	12/18/2018	Pesticide	Acifluorfen	n/a	=	3.84	µg/L	EPA 515.3	0.06	0.4			
2018/19-2	000NONPJ	matrix spike, rec	12/18/2018	Pesticide	Acifluorfen	n/a	=	96	%	EPA 515.3	-88	-88	70	130	
2018/19-2	000NONPJ	matrix spike dup	12/18/2018	Pesticide	Acifluorfen	n/a	=	4.04	µg/L	EPA 515.3	0.06	0.4			
2018/19-2	000NONPJ	matrix spike dup, rec	12/18/2018	Pesticide	Acifluorfen	n/a	=	101	%	EPA 515.3	-88	-88	70	130	
2018/19-2	000NONPJ	matrix spike, RPD	12/18/2018	Pesticide	Acifluorfen	n/a	=	5	%	EPA 515.3	-88	-88	0	30	
2018/19-2	Lab	method blank	12/18/2018	Pesticide	Acifluorfen	n/a	<	0.06	µg/L	EPA 515.3	0.06	0.4			
2018/19-2	Lab	LCS	12/18/2018	Pesticide	Acifluorfen	n/a	=	3.97	µg/L	EPA 515.3	0.06	0.4			

Appendix F
Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2018/19-2	Lab	LCS, rec	12/18/2018	Pesticide	Acifluorfen	n/a	=	99	%	EPA 515.3	-88	-88	70	130	
2018/19-2	Lab	method blank	12/28/2018	Pesticide	Acifluorfen	n/a	<	0.06	µg/L	EPA 515.3	0.06	0.4			
2018/19-2	Lab	LCS	12/28/2018	Pesticide	Acifluorfen	n/a	=	3.84	µg/L	EPA 515.3	0.06	0.4			
2018/19-2	Lab	LCS, rec	12/28/2018	Pesticide	Acifluorfen	n/a	=	96	%	EPA 515.3	-88	-88	70	130	
2018/19-2	ME-VR2	matrix spike	12/28/2018	Pesticide	Acifluorfen	n/a	=	3.88	µg/L	EPA 515.3	0.06	0.4			
2018/19-2	ME-VR2	matrix spike, rec	12/28/2018	Pesticide	Acifluorfen	n/a	=	97	%	EPA 515.3	-88	-88	70	130	
2018/19-2	ME-VR2	matrix spike dup	12/28/2018	Pesticide	Acifluorfen	n/a	=	4.08	µg/L	EPA 515.3	0.06	0.4			
2018/19-2	ME-VR2	matrix spike dup, rec	12/28/2018	Pesticide	Acifluorfen	n/a	=	102	%	EPA 515.3	-88	-88	70	130	
2018/19-2	ME-VR2	matrix spike, RPD	12/28/2018	Pesticide	Acifluorfen	n/a	=	5	%	EPA 515.3	-88	-88	0	30	
2018/19-2	MO-CAM	matrix spike	12/28/2018	Pesticide	Acifluorfen	n/a	=	4.17	µg/L	EPA 515.3	0.06	0.4			
2018/19-2	MO-CAM	matrix spike, rec	12/28/2018	Pesticide	Acifluorfen	n/a	=	104	%	EPA 515.3	-88	-88	70	130	
2018/19-2	MO-CAM	matrix spike dup	12/28/2018	Pesticide	Acifluorfen	n/a	=	4.21	µg/L	EPA 515.3	0.06	0.4			
2018/19-2	MO-CAM	matrix spike dup, rec	12/28/2018	Pesticide	Acifluorfen	n/a	=	105	%	EPA 515.3	-88	-88	70	130	
2018/19-2	MO-CAM	matrix spike, RPD	12/28/2018	Pesticide	Acifluorfen	n/a	=	1	%	EPA 515.3	-88	-88	0	30	
2018/19-2	Lab	method blank	12/14/2018	Pesticide	Alachlor	n/a	<	0.022	µg/L	EPA 525.2	0.022	0.1			
2018/19-2	Lab	LCS	12/14/2018	Pesticide	Alachlor	n/a	=	4.86	µg/L	EPA 525.2	0.022	0.1			
2018/19-2	Lab	LCS, rec	12/14/2018	Pesticide	Alachlor	n/a	=	97	%	EPA 525.2	-88	-88	70	130	
2018/19-2	Lab	LCS dup	12/14/2018	Pesticide	Alachlor	n/a	=	5.15	µg/L	EPA 525.2	0.022	0.1			
2018/19-2	Lab	LCS dup, rec	12/14/2018	Pesticide	Alachlor	n/a	=	103	%	EPA 525.2	-88	-88	70	130	
2018/19-2	Lab	LCS, RPD	12/14/2018	Pesticide	Alachlor	n/a	=	6	%	EPA 525.2	-88	-88	0	30	
2018/19-2	Lab	method blank	12/15/2018	Pesticide	Alachlor	n/a	<	0.022	µg/L	EPA 525.2	0.022	0.1			
2018/19-2	Lab	LCS	12/15/2018	Pesticide	Alachlor	n/a	=	5.08	µg/L	EPA 525.2	0.022	0.1			
2018/19-2	Lab	LCS, rec	12/15/2018	Pesticide	Alachlor	n/a	=	102	%	EPA 525.2	-88	-88	70	130	
2018/19-2	Lab	LCS dup	12/15/2018	Pesticide	Alachlor	n/a	=	5.15	µg/L	EPA 525.2	0.022	0.1			
2018/19-2	Lab	LCS dup, rec	12/15/2018	Pesticide	Alachlor	n/a	=	103	%	EPA 525.2	-88	-88	70	130	
2018/19-2	Lab	LCS, RPD	12/15/2018	Pesticide	Alachlor	n/a	=	1	%	EPA 525.2	-88	-88	0	30	
2018/19-2	Lab	method blank	12/19/2018	Pesticide	Alachlor	n/a	<	0.022	µg/L	EPA 525.2	0.022	0.1			
2018/19-2	Lab	LCS	12/19/2018	Pesticide	Alachlor	n/a	=	5.1	µg/L	EPA 525.2	0.022	0.1			
2018/19-2	Lab	LCS, rec	12/19/2018	Pesticide	Alachlor	n/a	=	102	%	EPA 525.2	-88	-88	70	130	
2018/19-2	Lab	LCS dup	12/19/2018	Pesticide	Alachlor	n/a	=	4.98	µg/L	EPA 525.2	0.022	0.1			
2018/19-2	Lab	LCS dup, rec	12/19/2018	Pesticide	Alachlor	n/a	=	100	%	EPA 525.2	-88	-88	70	130	
2018/19-2	Lab	LCS, RPD	12/19/2018	Pesticide	Alachlor	n/a	=	2	%	EPA 525.2	-88	-88	0	30	
2018/19-2	000NONPJ	matrix spike	12/26/2018	Pesticide	Aldrin	n/a	=	0.0479	µg/L	EPA 608	0.0015	0.005			
2018/19-2	000NONPJ	matrix spike, rec	12/26/2018	Pesticide	Aldrin	n/a	=	48	%	EPA 608	-88	-88	18	110	
2018/19-2	000NONPJ	matrix spike dup	12/26/2018	Pesticide	Aldrin	n/a	=	0.0409	µg/L	EPA 608	0.0015	0.005			
2018/19-2	000NONPJ	matrix spike dup, rec	12/26/2018	Pesticide	Aldrin	n/a	=	41	%	EPA 608	-88	-88	18	110	
2018/19-2	000NONPJ	matrix spike, RPD	12/26/2018	Pesticide	Aldrin	n/a	=	16	%	EPA 608	-88	-88	0	30	
2018/19-2	000NONPJ	matrix spike	12/26/2018	Pesticide	Aldrin	n/a	DNQ	0.0585	µg/L	EPA 608	0.03	0.1			
2018/19-2	000NONPJ	matrix spike, rec	12/26/2018	Pesticide	Aldrin	n/a	=	58	%	EPA 608	-88	-88	18	110	
2018/19-2	000NONPJ	matrix spike dup	12/27/2018	Pesticide	Aldrin	n/a	DNQ	0.0549	µg/L	EPA 608	0.03	0.1			
2018/19-2	000NONPJ	matrix spike dup, rec	12/27/2018	Pesticide	Aldrin	n/a	=	55	%	EPA 608	-88	-88	18	110	
2018/19-2	000NONPJ	matrix spike, RPD	12/27/2018	Pesticide	Aldrin	n/a	=	6	%	EPA 608	-88	-88	0	30	
2018/19-2	Lab	method blank	12/26/2018	Pesticide	Aldrin	n/a	<	0.0015	µg/L	EPA 608	0.0015	0.005			
2018/19-2	Lab	LCS	12/26/2018	Pesticide	Aldrin	n/a	=	0.0533	µg/L	EPA 608	0.0015	0.005			
2018/19-2	Lab	LCS, rec	12/26/2018	Pesticide	Aldrin	n/a	=	53	%	EPA 608	-88	-88	18	117	
2018/19-2	Lab	method blank	1/12/2019	Pesticide	Aldrin	n/a	<	0.0015	µg/L	EPA 608	0.0015	0.005			
2018/19-2	Lab	LCS	1/12/2019	Pesticide	Aldrin	n/a	=	0.0676	µg/L	EPA 608	0.0015	0.005			

Appendix F
Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2018/19-2	Lab	LCS, rec	1/12/2019	Pesticide	Aldrin	n/a	=	68	%	EPA 608	-88	-88	18	117	
2018/19-2	ME-VR2	matrix spike	1/12/2019	Pesticide	Aldrin	n/a	=	0.0764	µg/L	EPA 608	0.0015	0.005			
2018/19-2	ME-VR2	matrix spike, rec	1/12/2019	Pesticide	Aldrin	n/a	=	76	%	EPA 608	-88	-88	18	110	
2018/19-2	ME-VR2	matrix spike dup	1/12/2019	Pesticide	Aldrin	n/a	=	0.12	µg/L	EPA 608	0.0015	0.005			GB,IL
2018/19-2	ME-VR2	matrix spike dup, rec	1/12/2019	Pesticide	Aldrin	n/a	=	120	%	EPA 608	-88	-88	18	110	GB,IL
2018/19-2	ME-VR2	matrix spike, RPD	1/12/2019	Pesticide	Aldrin	n/a	=	44	%	EPA 608	-88	-88	0	30	GB,IL
2018/19-2	000NONPJ	matrix spike	12/26/2018	Pesticide	alpha-BHC	n/a	=	0.0501	µg/L	EPA 608	0.0018	0.01			
2018/19-2	000NONPJ	matrix spike, rec	12/26/2018	Pesticide	alpha-BHC	n/a	=	50	%	EPA 608	-88	-88	43	114	
2018/19-2	000NONPJ	matrix spike dup	12/26/2018	Pesticide	alpha-BHC	n/a	=	0.0418	µg/L	EPA 608	0.0018	0.01			GB
2018/19-2	000NONPJ	matrix spike dup, rec	12/26/2018	Pesticide	alpha-BHC	n/a	=	42	%	EPA 608	-88	-88	43	114	GB
2018/19-2	000NONPJ	matrix spike, RPD	12/26/2018	Pesticide	alpha-BHC	n/a	=	18	%	EPA 608	-88	-88	0	30	
2018/19-2	000NONPJ	matrix spike	12/26/2018	Pesticide	alpha-BHC	n/a	DNQ	0.0543	µg/L	EPA 608	0.036	0.2			
2018/19-2	000NONPJ	matrix spike, rec	12/26/2018	Pesticide	alpha-BHC	n/a	=	54	%	EPA 608	-88	-88	43	114	
2018/19-2	000NONPJ	matrix spike dup	12/27/2018	Pesticide	alpha-BHC	n/a	DNQ	0.051	µg/L	EPA 608	0.036	0.2			
2018/19-2	000NONPJ	matrix spike dup, rec	12/27/2018	Pesticide	alpha-BHC	n/a	=	51	%	EPA 608	-88	-88	43	114	
2018/19-2	000NONPJ	matrix spike, RPD	12/27/2018	Pesticide	alpha-BHC	n/a	=	6	%	EPA 608	-88	-88	0	30	
2018/19-2	Lab	method blank	12/26/2018	Pesticide	alpha-BHC	n/a	<	0.0018	µg/L	EPA 608	0.0018	0.01			
2018/19-2	Lab	LCS	12/26/2018	Pesticide	alpha-BHC	n/a	=	0.0538	µg/L	EPA 608	0.0018	0.01			
2018/19-2	Lab	LCS, rec	12/26/2018	Pesticide	alpha-BHC	n/a	=	54	%	EPA 608	-88	-88	47	119	
2018/19-2	Lab	method blank	1/12/2019	Pesticide	alpha-BHC	n/a	<	0.0018	µg/L	EPA 608	0.0018	0.01			
2018/19-2	Lab	LCS	1/12/2019	Pesticide	alpha-BHC	n/a	=	0.0695	µg/L	EPA 608	0.0018	0.01			
2018/19-2	Lab	LCS, rec	1/12/2019	Pesticide	alpha-BHC	n/a	=	69	%	EPA 608	-88	-88	47	119	
2018/19-2	ME-VR2	matrix spike	1/12/2019	Pesticide	alpha-BHC	n/a	=	0.0524	µg/L	EPA 608	0.0018	0.01			
2018/19-2	ME-VR2	matrix spike, rec	1/12/2019	Pesticide	alpha-BHC	n/a	=	52	%	EPA 608	-88	-88	43	114	
2018/19-2	ME-VR2	matrix spike dup	1/12/2019	Pesticide	alpha-BHC	n/a	=	0.0677	µg/L	EPA 608	0.0018	0.01			
2018/19-2	ME-VR2	matrix spike dup, rec	1/12/2019	Pesticide	alpha-BHC	n/a	=	68	%	EPA 608	-88	-88	43	114	
2018/19-2	ME-VR2	matrix spike, RPD	1/12/2019	Pesticide	alpha-BHC	n/a	=	25	%	EPA 608	-88	-88	0	30	
2018/19-2	Lab	method blank	12/14/2018	Pesticide	Atrazine	n/a	<	0.034	µg/L	EPA 525.2	0.034	0.1			
2018/19-2	Lab	LCS	12/14/2018	Pesticide	Atrazine	n/a	=	5.08	µg/L	EPA 525.2	0.034	0.1			
2018/19-2	Lab	LCS, rec	12/14/2018	Pesticide	Atrazine	n/a	=	102	%	EPA 525.2	-88	-88	70	130	
2018/19-2	Lab	LCS dup	12/14/2018	Pesticide	Atrazine	n/a	=	5.62	µg/L	EPA 525.2	0.034	0.1			
2018/19-2	Lab	LCS dup, rec	12/14/2018	Pesticide	Atrazine	n/a	=	112	%	EPA 525.2	-88	-88	70	130	
2018/19-2	Lab	LCS, RPD	12/14/2018	Pesticide	Atrazine	n/a	=	10	%	EPA 525.2	-88	-88	0	30	
2018/19-2	Lab	method blank	12/15/2018	Pesticide	Atrazine	n/a	<	0.034	µg/L	EPA 525.2	0.034	0.1			
2018/19-2	Lab	LCS	12/15/2018	Pesticide	Atrazine	n/a	=	5.1	µg/L	EPA 525.2	0.034	0.1			
2018/19-2	Lab	LCS, rec	12/15/2018	Pesticide	Atrazine	n/a	=	102	%	EPA 525.2	-88	-88	70	130	
2018/19-2	Lab	LCS dup	12/15/2018	Pesticide	Atrazine	n/a	=	5.45	µg/L	EPA 525.2	0.034	0.1			
2018/19-2	Lab	LCS dup, rec	12/15/2018	Pesticide	Atrazine	n/a	=	109	%	EPA 525.2	-88	-88	70	130	
2018/19-2	Lab	LCS, RPD	12/15/2018	Pesticide	Atrazine	n/a	=	7	%	EPA 525.2	-88	-88	0	30	
2018/19-2	Lab	method blank	12/19/2018	Pesticide	Atrazine	n/a	<	0.034	µg/L	EPA 525.2	0.034	0.1			
2018/19-2	Lab	LCS	12/19/2018	Pesticide	Atrazine	n/a	=	5.19	µg/L	EPA 525.2	0.034	0.1			
2018/19-2	Lab	LCS, rec	12/19/2018	Pesticide	Atrazine	n/a	=	104	%	EPA 525.2	-88	-88	70	130	
2018/19-2	Lab	LCS dup	12/19/2018	Pesticide	Atrazine	n/a	=	5.38	µg/L	EPA 525.2	0.034	0.1			
2018/19-2	Lab	LCS dup, rec	12/19/2018	Pesticide	Atrazine	n/a	=	108	%	EPA 525.2	-88	-88	70	130	
2018/19-2	Lab	LCS, RPD	12/19/2018	Pesticide	Atrazine	n/a	=	4	%	EPA 525.2	-88	-88	0	30	
2018/19-2	000NONPJ	matrix spike	12/19/2018	Pesticide	Azinphos methyl	n/a	=	0.0499	µg/L	EPA 525.2m	0.0055	0.01			
2018/19-2	000NONPJ	matrix spike, rec	12/19/2018	Pesticide	Azinphos methyl	n/a	=	100	%	EPA 525.2m	-88	-88	0.1	154	

Appendix F
Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2018/19-2	000NONPJ	matrix spike dup	12/19/2018	Pesticide	Azinphos methyl	n/a	=	0.0552	µg/L	EPA 525.2m	0.0055	0.01			
2018/19-2	000NONPJ	matrix spike dup, rec	12/19/2018	Pesticide	Azinphos methyl	n/a	=	110	%	EPA 525.2m	-88	-88	0.1	154	
2018/19-2	000NONPJ	matrix spike, RPD	12/19/2018	Pesticide	Azinphos methyl	n/a	=	10	%	EPA 525.2m	-88	-88	0	30	
2018/19-2	000NONPJ	matrix spike	12/20/2018	Pesticide	Azinphos methyl	n/a	=	0.0924	µg/L	EPA 525.2m	0.0055	0.01			GB
2018/19-2	000NONPJ	matrix spike, rec	12/20/2018	Pesticide	Azinphos methyl	n/a	=	185	%	EPA 525.2m	-88	-88	0.1	154	GB
2018/19-2	000NONPJ	matrix spike dup	12/20/2018	Pesticide	Azinphos methyl	n/a	=	0.0598	µg/L	EPA 525.2m	0.0055	0.01			IL
2018/19-2	000NONPJ	matrix spike dup, rec	12/20/2018	Pesticide	Azinphos methyl	n/a	=	120	%	EPA 525.2m	-88	-88	0.1	154	IL
2018/19-2	000NONPJ	matrix spike, RPD	12/20/2018	Pesticide	Azinphos methyl	n/a	=	43	%	EPA 525.2m	-88	-88	0	30	IL
2018/19-2	Lab	method blank	12/19/2018	Pesticide	Azinphos methyl	n/a	<	0.0055	µg/L	EPA 525.2m	0.0055	0.01			
2018/19-2	Lab	LCS	12/19/2018	Pesticide	Azinphos methyl	n/a	=	0.0504	µg/L	EPA 525.2m	0.0055	0.01			
2018/19-2	Lab	LCS, rec	12/19/2018	Pesticide	Azinphos methyl	n/a	=	101	%	EPA 525.2m	-88	-88	0.1	188	
2018/19-2	Lab	method blank	12/20/2018	Pesticide	Azinphos methyl	n/a	<	0.0055	µg/L	EPA 525.2m	0.0055	0.01			
2018/19-2	Lab	LCS	12/20/2018	Pesticide	Azinphos methyl	n/a	=	0.053	µg/L	EPA 525.2m	0.0055	0.01			
2018/19-2	Lab	LCS, rec	12/20/2018	Pesticide	Azinphos methyl	n/a	=	106	%	EPA 525.2m	-88	-88	0.1	188	
2018/19-2	000NONPJ	matrix spike	12/18/2018	Pesticide	Bentazon	n/a	=	15.4	µg/L	EPA 515.3	0.11	2			
2018/19-2	000NONPJ	matrix spike, rec	12/18/2018	Pesticide	Bentazon	n/a	=	96	%	EPA 515.3	-88	-88	70	130	
2018/19-2	000NONPJ	matrix spike dup	12/18/2018	Pesticide	Bentazon	n/a	=	15.2	µg/L	EPA 515.3	0.11	2			
2018/19-2	000NONPJ	matrix spike dup, rec	12/18/2018	Pesticide	Bentazon	n/a	=	95	%	EPA 515.3	-88	-88	70	130	
2018/19-2	000NONPJ	matrix spike, RPD	12/18/2018	Pesticide	Bentazon	n/a	=	0.8	%	EPA 515.3	-88	-88	0	30	
2018/19-2	000NONPJ	matrix spike	12/18/2018	Pesticide	Bentazon	n/a	=	15.1	µg/L	EPA 515.3	0.11	2			
2018/19-2	000NONPJ	matrix spike, rec	12/18/2018	Pesticide	Bentazon	n/a	=	94	%	EPA 515.3	-88	-88	70	130	
2018/19-2	000NONPJ	matrix spike dup	12/18/2018	Pesticide	Bentazon	n/a	=	14.8	µg/L	EPA 515.3	0.11	2			
2018/19-2	000NONPJ	matrix spike dup, rec	12/18/2018	Pesticide	Bentazon	n/a	=	93	%	EPA 515.3	-88	-88	70	130	
2018/19-2	000NONPJ	matrix spike, RPD	12/18/2018	Pesticide	Bentazon	n/a	=	2	%	EPA 515.3	-88	-88	0	30	
2018/19-2	Lab	method blank	12/18/2018	Pesticide	Bentazon	n/a	<	0.11	µg/L	EPA 515.3	0.11	2			
2018/19-2	Lab	LCS	12/18/2018	Pesticide	Bentazon	n/a	=	14.7	µg/L	EPA 515.3	0.11	2			
2018/19-2	Lab	LCS, rec	12/18/2018	Pesticide	Bentazon	n/a	=	92	%	EPA 515.3	-88	-88	70	130	
2018/19-2	Lab	method blank	12/28/2018	Pesticide	Bentazon	n/a	<	0.11	µg/L	EPA 515.3	0.11	2			
2018/19-2	Lab	LCS	12/28/2018	Pesticide	Bentazon	n/a	=	16.3	µg/L	EPA 515.3	0.11	2			
2018/19-2	Lab	LCS, rec	12/28/2018	Pesticide	Bentazon	n/a	=	102	%	EPA 515.3	-88	-88	70	130	
2018/19-2	ME-VR2	matrix spike	12/28/2018	Pesticide	Bentazon	n/a	=	17	µg/L	EPA 515.3	0.11	2			
2018/19-2	ME-VR2	matrix spike, rec	12/28/2018	Pesticide	Bentazon	n/a	=	106	%	EPA 515.3	-88	-88	70	130	
2018/19-2	ME-VR2	matrix spike dup	12/28/2018	Pesticide	Bentazon	n/a	=	16.6	µg/L	EPA 515.3	0.11	2			
2018/19-2	ME-VR2	matrix spike dup, rec	12/28/2018	Pesticide	Bentazon	n/a	=	104	%	EPA 515.3	-88	-88	70	130	
2018/19-2	ME-VR2	matrix spike, RPD	12/28/2018	Pesticide	Bentazon	n/a	=	2	%	EPA 515.3	-88	-88	0	30	
2018/19-2	MO-CAM	matrix spike	12/28/2018	Pesticide	Bentazon	n/a	=	17.9	µg/L	EPA 515.3	0.11	2			
2018/19-2	MO-CAM	matrix spike, rec	12/28/2018	Pesticide	Bentazon	n/a	=	112	%	EPA 515.3	-88	-88	70	130	
2018/19-2	MO-CAM	matrix spike dup	12/28/2018	Pesticide	Bentazon	n/a	=	18.2	µg/L	EPA 515.3	0.11	2			
2018/19-2	MO-CAM	matrix spike dup, rec	12/28/2018	Pesticide	Bentazon	n/a	=	114	%	EPA 515.3	-88	-88	70	130	
2018/19-2	MO-CAM	matrix spike, RPD	12/28/2018	Pesticide	Bentazon	n/a	=	1	%	EPA 515.3	-88	-88	0	30	
2018/19-2	000NONPJ	matrix spike	12/26/2018	Pesticide	beta-BHC	n/a	=	0.0544	µg/L	EPA 608	0.0031	0.005			
2018/19-2	000NONPJ	matrix spike, rec	12/26/2018	Pesticide	beta-BHC	n/a	=	54	%	EPA 608	-88	-88	24	135	
2018/19-2	000NONPJ	matrix spike dup	12/26/2018	Pesticide	beta-BHC	n/a	=	0.0468	µg/L	EPA 608	0.0031	0.005			
2018/19-2	000NONPJ	matrix spike dup, rec	12/26/2018	Pesticide	beta-BHC	n/a	=	47	%	EPA 608	-88	-88	24	135	
2018/19-2	000NONPJ	matrix spike, RPD	12/26/2018	Pesticide	beta-BHC	n/a	=	15	%	EPA 608	-88	-88	0	30	
2018/19-2	000NONPJ	matrix spike	12/26/2018	Pesticide	beta-BHC	n/a	=	1.9	µg/L	EPA 608	0.062	0.1			
2018/19-2	000NONPJ	matrix spike, rec	12/26/2018	Pesticide	beta-BHC	n/a	=	1900	%	EPA 608	-88	-88	24	135	

Appendix F
Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2018/19-2	000NONPJ	matrix spike dup	12/27/2018	Pesticide	beta-BHC	n/a	DNQ	0.0602	µg/L	EPA 608	0	0.1			IL
2018/19-2	000NONPJ	matrix spike dup, rec	12/27/2018	Pesticide	beta-BHC	n/a	=	60	%	EPA 608	-88	-88	24	135	IL
2018/19-2	000NONPJ	matrix spike, RPD	12/27/2018	Pesticide	beta-BHC	n/a	=	188	%	EPA 608	-88	-88	0	30	IL
2018/19-2	Lab	method blank	12/26/2018	Pesticide	beta-BHC	n/a	<	0.0031	µg/L	EPA 608	0.0031	0.005			
2018/19-2	Lab	LCS	12/26/2018	Pesticide	beta-BHC	n/a	=	0.0611	µg/L	EPA 608	0.0031	0.005			
2018/19-2	Lab	LCS, rec	12/26/2018	Pesticide	beta-BHC	n/a	=	61	%	EPA 608	-88	-88	53	123	
2018/19-2	Lab	method blank	1/12/2019	Pesticide	beta-BHC	n/a	<	0.0031	µg/L	EPA 608	0.0031	0.005			
2018/19-2	Lab	LCS	1/12/2019	Pesticide	beta-BHC	n/a	=	0.0777	µg/L	EPA 608	0.0031	0.005			
2018/19-2	Lab	LCS, rec	1/12/2019	Pesticide	beta-BHC	n/a	=	78	%	EPA 608	-88	-88	53	123	
2018/19-2	ME-VR2	matrix spike	1/12/2019	Pesticide	beta-BHC	n/a	=	0.0525	µg/L	EPA 608	0.0031	0.005			
2018/19-2	ME-VR2	matrix spike, rec	1/12/2019	Pesticide	beta-BHC	n/a	=	52	%	EPA 608	-88	-88	24	135	
2018/19-2	ME-VR2	matrix spike dup	1/12/2019	Pesticide	beta-BHC	n/a	=	0.07	µg/L	EPA 608	0.0031	0.005			
2018/19-2	ME-VR2	matrix spike dup, rec	1/12/2019	Pesticide	beta-BHC	n/a	=	70	%	EPA 608	-88	-88	24	135	
2018/19-2	ME-VR2	matrix spike, RPD	1/12/2019	Pesticide	beta-BHC	n/a	=	29	%	EPA 608	-88	-88	0	30	
2018/19-2	000NONPJ	matrix spike	12/19/2018	Pesticide	Bolstar	n/a	=	0.0362	µg/L	EPA 525.2m	0.0046	0.01			
2018/19-2	000NONPJ	matrix spike, rec	12/19/2018	Pesticide	Bolstar	n/a	=	72	%	EPA 525.2m	-88	-88	4	184	
2018/19-2	000NONPJ	matrix spike dup	12/19/2018	Pesticide	Bolstar	n/a	=	0.0324	µg/L	EPA 525.2m	0.0046	0.01			
2018/19-2	000NONPJ	matrix spike dup, rec	12/19/2018	Pesticide	Bolstar	n/a	=	65	%	EPA 525.2m	-88	-88	4	184	
2018/19-2	000NONPJ	matrix spike, RPD	12/19/2018	Pesticide	Bolstar	n/a	=	11	%	EPA 525.2m	-88	-88	0	30	
2018/19-2	000NONPJ	matrix spike	12/20/2018	Pesticide	Bolstar	n/a	=	0.0521	µg/L	EPA 525.2m	0.0046	0.01			
2018/19-2	000NONPJ	matrix spike, rec	12/20/2018	Pesticide	Bolstar	n/a	=	104	%	EPA 525.2m	-88	-88	4	184	
2018/19-2	000NONPJ	matrix spike dup	12/20/2018	Pesticide	Bolstar	n/a	=	0.0445	µg/L	EPA 525.2m	0.0046	0.01			
2018/19-2	000NONPJ	matrix spike dup, rec	12/20/2018	Pesticide	Bolstar	n/a	=	89	%	EPA 525.2m	-88	-88	4	184	
2018/19-2	000NONPJ	matrix spike, RPD	12/20/2018	Pesticide	Bolstar	n/a	=	16	%	EPA 525.2m	-88	-88	0	30	
2018/19-2	Lab	method blank	12/19/2018	Pesticide	Bolstar	n/a	<	0.0046	µg/L	EPA 525.2m	0.0046	0.01			
2018/19-2	Lab	LCS	12/19/2018	Pesticide	Bolstar	n/a	=	0.0352	µg/L	EPA 525.2m	0.0046	0.01			
2018/19-2	Lab	LCS, rec	12/19/2018	Pesticide	Bolstar	n/a	=	70	%	EPA 525.2m	-88	-88	11	166	
2018/19-2	Lab	method blank	12/20/2018	Pesticide	Bolstar	n/a	<	0.0046	µg/L	EPA 525.2m	0.0046	0.01			
2018/19-2	Lab	LCS	12/20/2018	Pesticide	Bolstar	n/a	=	0.0407	µg/L	EPA 525.2m	0.0046	0.01			
2018/19-2	Lab	LCS, rec	12/20/2018	Pesticide	Bolstar	n/a	=	81	%	EPA 525.2m	-88	-88	11	166	
2018/19-2	Lab	method blank	12/14/2018	Pesticide	Bromacil	n/a	<	0.038	µg/L	EPA 525.2	0.038	1			
2018/19-2	Lab	LCS	12/14/2018	Pesticide	Bromacil	n/a	=	4.59	µg/L	EPA 525.2	0.038	1			
2018/19-2	Lab	LCS, rec	12/14/2018	Pesticide	Bromacil	n/a	=	92	%	EPA 525.2	-88	-88	70	130	
2018/19-2	Lab	LCS dup	12/14/2018	Pesticide	Bromacil	n/a	=	4.62	µg/L	EPA 525.2	0.038	1			
2018/19-2	Lab	LCS dup, rec	12/14/2018	Pesticide	Bromacil	n/a	=	92	%	EPA 525.2	-88	-88	70	130	
2018/19-2	Lab	LCS, RPD	12/14/2018	Pesticide	Bromacil	n/a	=	0.7	%	EPA 525.2	-88	-88	0	30	
2018/19-2	Lab	method blank	12/15/2018	Pesticide	Bromacil	n/a	<	0.038	µg/L	EPA 525.2	0.038	1			
2018/19-2	Lab	LCS	12/15/2018	Pesticide	Bromacil	n/a	=	4.54	µg/L	EPA 525.2	0.038	1			
2018/19-2	Lab	LCS, rec	12/15/2018	Pesticide	Bromacil	n/a	=	91	%	EPA 525.2	-88	-88	70	130	
2018/19-2	Lab	LCS dup	12/15/2018	Pesticide	Bromacil	n/a	=	4.4	µg/L	EPA 525.2	0.038	1			
2018/19-2	Lab	LCS dup, rec	12/15/2018	Pesticide	Bromacil	n/a	=	88	%	EPA 525.2	-88	-88	70	130	
2018/19-2	Lab	LCS, RPD	12/15/2018	Pesticide	Bromacil	n/a	=	3	%	EPA 525.2	-88	-88	0	30	
2018/19-2	Lab	method blank	12/19/2018	Pesticide	Bromacil	n/a	<	0.038	µg/L	EPA 525.2	0.038	1			
2018/19-2	Lab	LCS	12/19/2018	Pesticide	Bromacil	n/a	=	4.79	µg/L	EPA 525.2	0.038	1			
2018/19-2	Lab	LCS, rec	12/19/2018	Pesticide	Bromacil	n/a	=	96	%	EPA 525.2	-88	-88	70	130	
2018/19-2	Lab	LCS dup	12/19/2018	Pesticide	Bromacil	n/a	=	4.82	µg/L	EPA 525.2	0.038	1			
2018/19-2	Lab	LCS dup, rec	12/19/2018	Pesticide	Bromacil	n/a	=	96	%	EPA 525.2	-88	-88	70	130	

Appendix F
Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2018/19-2	Lab	LCS, RPD	12/19/2018	Pesticide	Bromacil	n/a	=	0.8	%	EPA 525.2	-88	-88	0	30	
2018/19-2	Lab	method blank	12/14/2018	Pesticide	Butachlor	n/a	<	0.017	µg/L	EPA 525.2	0.017	0.2			
2018/19-2	Lab	LCS	12/14/2018	Pesticide	Butachlor	n/a	=	5.1	µg/L	EPA 525.2	0.017	0.2			
2018/19-2	Lab	LCS, rec	12/14/2018	Pesticide	Butachlor	n/a	=	102	%	EPA 525.2	-88	-88	70	130	
2018/19-2	Lab	LCS dup	12/14/2018	Pesticide	Butachlor	n/a	=	5.18	µg/L	EPA 525.2	0.017	0.2			
2018/19-2	Lab	LCS dup, rec	12/14/2018	Pesticide	Butachlor	n/a	=	104	%	EPA 525.2	-88	-88	70	130	
2018/19-2	Lab	LCS, RPD	12/14/2018	Pesticide	Butachlor	n/a	=	2	%	EPA 525.2	-88	-88	0	30	
2018/19-2	Lab	method blank	12/15/2018	Pesticide	Butachlor	n/a	<	0.017	µg/L	EPA 525.2	0.017	0.2			
2018/19-2	Lab	LCS	12/15/2018	Pesticide	Butachlor	n/a	=	4.84	µg/L	EPA 525.2	0.017	0.2			
2018/19-2	Lab	LCS, rec	12/15/2018	Pesticide	Butachlor	n/a	=	97	%	EPA 525.2	-88	-88	70	130	
2018/19-2	Lab	LCS dup	12/15/2018	Pesticide	Butachlor	n/a	=	5.1	µg/L	EPA 525.2	0.017	0.2			
2018/19-2	Lab	LCS dup, rec	12/15/2018	Pesticide	Butachlor	n/a	=	102	%	EPA 525.2	-88	-88	70	130	
2018/19-2	Lab	LCS, RPD	12/15/2018	Pesticide	Butachlor	n/a	=	5	%	EPA 525.2	-88	-88	0	30	
2018/19-2	Lab	method blank	12/19/2018	Pesticide	Butachlor	n/a	<	0.017	µg/L	EPA 525.2	0.017	0.2			
2018/19-2	Lab	LCS	12/19/2018	Pesticide	Butachlor	n/a	=	4.93	µg/L	EPA 525.2	0.017	0.2			
2018/19-2	Lab	LCS, rec	12/19/2018	Pesticide	Butachlor	n/a	=	99	%	EPA 525.2	-88	-88	70	130	
2018/19-2	Lab	LCS dup	12/19/2018	Pesticide	Butachlor	n/a	=	5.01	µg/L	EPA 525.2	0.017	0.2			
2018/19-2	Lab	LCS dup, rec	12/19/2018	Pesticide	Butachlor	n/a	=	100	%	EPA 525.2	-88	-88	70	130	
2018/19-2	Lab	LCS, RPD	12/19/2018	Pesticide	Butachlor	n/a	=	1	%	EPA 525.2	-88	-88	0	30	
2018/19-2	Lab	method blank	12/14/2018	Pesticide	Captan	n/a	<	0.86	µg/L	EPA 525.2	0.86	1			
2018/19-2	Lab	LCS	12/14/2018	Pesticide	Captan	n/a	=	4.56	µg/L	EPA 525.2	0.86	1			
2018/19-2	Lab	LCS, rec	12/14/2018	Pesticide	Captan	n/a	=	91	%	EPA 525.2	-88	-88	70	130	
2018/19-2	Lab	LCS dup	12/14/2018	Pesticide	Captan	n/a	=	4.42	µg/L	EPA 525.2	0.86	1			
2018/19-2	Lab	LCS dup, rec	12/14/2018	Pesticide	Captan	n/a	=	88	%	EPA 525.2	-88	-88	70	130	
2018/19-2	Lab	LCS, RPD	12/14/2018	Pesticide	Captan	n/a	=	3	%	EPA 525.2	-88	-88	0	30	
2018/19-2	Lab	method blank	12/15/2018	Pesticide	Captan	n/a	<	0.86	µg/L	EPA 525.2	0.86	1			
2018/19-2	Lab	LCS	12/15/2018	Pesticide	Captan	n/a	=	3.91	µg/L	EPA 525.2	0.86	1			
2018/19-2	Lab	LCS, rec	12/15/2018	Pesticide	Captan	n/a	=	78	%	EPA 525.2	-88	-88	70	130	
2018/19-2	Lab	LCS dup	12/15/2018	Pesticide	Captan	n/a	=	4.11	µg/L	EPA 525.2	0.86	1			
2018/19-2	Lab	LCS dup, rec	12/15/2018	Pesticide	Captan	n/a	=	82	%	EPA 525.2	-88	-88	70	130	
2018/19-2	Lab	LCS, RPD	12/15/2018	Pesticide	Captan	n/a	=	5	%	EPA 525.2	-88	-88	0	30	
2018/19-2	Lab	method blank	12/19/2018	Pesticide	Captan	n/a	<	0.86	µg/L	EPA 525.2	0.86	1			
2018/19-2	Lab	LCS	12/19/2018	Pesticide	Captan	n/a	=	3.63	µg/L	EPA 525.2	0.86	1			
2018/19-2	Lab	LCS, rec	12/19/2018	Pesticide	Captan	n/a	=	73	%	EPA 525.2	-88	-88	70	130	
2018/19-2	Lab	LCS dup	12/19/2018	Pesticide	Captan	n/a	=	3.31	µg/L	EPA 525.2	0.86	1			EUM
2018/19-2	Lab	LCS dup, rec	12/19/2018	Pesticide	Captan	n/a	=	66	%	EPA 525.2	-88	-88	70	130	EUM
2018/19-2	Lab	LCS, RPD	12/19/2018	Pesticide	Captan	n/a	=	9	%	EPA 525.2	-88	-88	0	30	EUM
2018/19-2	Lab	method blank	12/14/2018	Pesticide	Chloroprotham	n/a	<	0.01	µg/L	EPA 525.2	0.01	0.1			
2018/19-2	Lab	LCS	12/14/2018	Pesticide	Chloroprotham	n/a	=	5.69	µg/L	EPA 525.2	0.01	0.1			
2018/19-2	Lab	LCS, rec	12/14/2018	Pesticide	Chloroprotham	n/a	=	114	%	EPA 525.2	-88	-88	70	130	
2018/19-2	Lab	LCS dup	12/14/2018	Pesticide	Chloroprotham	n/a	=	5.77	µg/L	EPA 525.2	0.01	0.1			
2018/19-2	Lab	LCS dup, rec	12/14/2018	Pesticide	Chloroprotham	n/a	=	115	%	EPA 525.2	-88	-88	70	130	
2018/19-2	Lab	LCS, RPD	12/14/2018	Pesticide	Chloroprotham	n/a	=	1	%	EPA 525.2	-88	-88	0	30	
2018/19-2	Lab	method blank	12/15/2018	Pesticide	Chloroprotham	n/a	<	0.01	µg/L	EPA 525.2	0.01	0.1			
2018/19-2	Lab	LCS	12/15/2018	Pesticide	Chloroprotham	n/a	=	4.97	µg/L	EPA 525.2	0.01	0.1			
2018/19-2	Lab	LCS, rec	12/15/2018	Pesticide	Chloroprotham	n/a	=	99	%	EPA 525.2	-88	-88	70	130	
2018/19-2	Lab	LCS dup	12/15/2018	Pesticide	Chloroprotham	n/a	=	5.21	µg/L	EPA 525.2	0.01	0.1			

Appendix F
Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2018/19-2	Lab	LCS dup, rec	12/15/2018	Pesticide	Chloroprotham	n/a	=	104	%	EPA 525.2	-88	-88	70	130	
2018/19-2	Lab	LCS, RPD	12/15/2018	Pesticide	Chloroprotham	n/a	=	5	%	EPA 525.2	-88	-88	0	30	
2018/19-2	Lab	method blank	12/19/2018	Pesticide	Chloroprotham	n/a	<	0.01	µg/L	EPA 525.2	0.01	0.1			
2018/19-2	Lab	LCS	12/19/2018	Pesticide	Chloroprotham	n/a	=	5.46	µg/L	EPA 525.2	0.01	0.1			
2018/19-2	Lab	LCS, rec	12/19/2018	Pesticide	Chloroprotham	n/a	=	109	%	EPA 525.2	-88	-88	70	130	
2018/19-2	Lab	LCS dup	12/19/2018	Pesticide	Chloroprotham	n/a	=	5.47	µg/L	EPA 525.2	0.01	0.1			
2018/19-2	Lab	LCS dup, rec	12/19/2018	Pesticide	Chloroprotham	n/a	=	109	%	EPA 525.2	-88	-88	70	130	
2018/19-2	Lab	LCS, RPD	12/19/2018	Pesticide	Chloroprotham	n/a	=	0.04	%	EPA 525.2	-88	-88	0	30	
2018/19-2	000NONPJ	matrix spike	12/19/2018	Pesticide	Chlorpyrifos	n/a	=	0.0476	µg/L	EPA 525.2m	0.0069	0.01			
2018/19-2	000NONPJ	matrix spike, rec	12/19/2018	Pesticide	Chlorpyrifos	n/a	=	95	%	EPA 525.2m	-88	-88	37	168	
2018/19-2	000NONPJ	matrix spike dup	12/19/2018	Pesticide	Chlorpyrifos	n/a	=	0.0473	µg/L	EPA 525.2m	0.0069	0.01			
2018/19-2	000NONPJ	matrix spike dup, rec	12/19/2018	Pesticide	Chlorpyrifos	n/a	=	95	%	EPA 525.2m	-88	-88	37	168	
2018/19-2	000NONPJ	matrix spike, RPD	12/19/2018	Pesticide	Chlorpyrifos	n/a	=	0.6	%	EPA 525.2m	-88	-88	0	30	
2018/19-2	000NONPJ	matrix spike	12/20/2018	Pesticide	Chlorpyrifos	n/a	=	0.0553	µg/L	EPA 525.2m	0.0069	0.01			
2018/19-2	000NONPJ	matrix spike, rec	12/20/2018	Pesticide	Chlorpyrifos	n/a	=	111	%	EPA 525.2m	-88	-88	37	168	
2018/19-2	000NONPJ	matrix spike dup	12/20/2018	Pesticide	Chlorpyrifos	n/a	=	0.062	µg/L	EPA 525.2m	0.0069	0.01			
2018/19-2	000NONPJ	matrix spike dup, rec	12/20/2018	Pesticide	Chlorpyrifos	n/a	=	124	%	EPA 525.2m	-88	-88	37	168	
2018/19-2	000NONPJ	matrix spike, RPD	12/20/2018	Pesticide	Chlorpyrifos	n/a	=	11	%	EPA 525.2m	-88	-88	0	30	
2018/19-2	Lab	method blank	12/19/2018	Pesticide	Chlorpyrifos	n/a	<	0.0069	µg/L	EPA 525.2m	0.0069	0.01			
2018/19-2	Lab	LCS	12/19/2018	Pesticide	Chlorpyrifos	n/a	=	0.052	µg/L	EPA 525.2m	0.0069	0.01			
2018/19-2	Lab	LCS, rec	12/19/2018	Pesticide	Chlorpyrifos	n/a	=	104	%	EPA 525.2m	-88	-88	37	169	
2018/19-2	Lab	method blank	12/20/2018	Pesticide	Chlorpyrifos	n/a	<	0.0069	µg/L	EPA 525.2m	0.0069	0.01			
2018/19-2	Lab	LCS	12/20/2018	Pesticide	Chlorpyrifos	n/a	=	0.0446	µg/L	EPA 525.2m	0.0069	0.01			
2018/19-2	Lab	LCS, rec	12/20/2018	Pesticide	Chlorpyrifos	n/a	=	89	%	EPA 525.2m	-88	-88	37	169	
2018/19-2	000NONPJ	matrix spike	12/19/2018	Pesticide	Coumaphos	n/a	=	0.038	µg/L	EPA 525.2m	0.0051	0.01			
2018/19-2	000NONPJ	matrix spike, rec	12/19/2018	Pesticide	Coumaphos	n/a	=	76	%	EPA 525.2m	-88	-88	0.1	203	
2018/19-2	000NONPJ	matrix spike dup	12/19/2018	Pesticide	Coumaphos	n/a	=	0.0426	µg/L	EPA 525.2m	0.0051	0.01			
2018/19-2	000NONPJ	matrix spike dup, rec	12/19/2018	Pesticide	Coumaphos	n/a	=	85	%	EPA 525.2m	-88	-88	0.1	203	
2018/19-2	000NONPJ	matrix spike, RPD	12/19/2018	Pesticide	Coumaphos	n/a	=	12	%	EPA 525.2m	-88	-88	0	30	
2018/19-2	000NONPJ	matrix spike	12/20/2018	Pesticide	Coumaphos	n/a	=	0.0611	µg/L	EPA 525.2m	0.0051	0.01			
2018/19-2	000NONPJ	matrix spike, rec	12/20/2018	Pesticide	Coumaphos	n/a	=	122	%	EPA 525.2m	-88	-88	0.1	203	
2018/19-2	000NONPJ	matrix spike dup	12/20/2018	Pesticide	Coumaphos	n/a	=	0.0521	µg/L	EPA 525.2m	0.0051	0.01			
2018/19-2	000NONPJ	matrix spike dup, rec	12/20/2018	Pesticide	Coumaphos	n/a	=	104	%	EPA 525.2m	-88	-88	0.1	203	
2018/19-2	000NONPJ	matrix spike, RPD	12/20/2018	Pesticide	Coumaphos	n/a	=	16	%	EPA 525.2m	-88	-88	0	30	
2018/19-2	Lab	method blank	12/19/2018	Pesticide	Coumaphos	n/a	<	0.0051	µg/L	EPA 525.2m	0.0051	0.01			
2018/19-2	Lab	LCS	12/19/2018	Pesticide	Coumaphos	n/a	=	0.0449	µg/L	EPA 525.2m	0.0051	0.01			
2018/19-2	Lab	LCS, rec	12/19/2018	Pesticide	Coumaphos	n/a	=	90	%	EPA 525.2m	-88	-88	0.1	225	
2018/19-2	Lab	method blank	12/20/2018	Pesticide	Coumaphos	n/a	<	0.0051	µg/L	EPA 525.2m	0.0051	0.01			
2018/19-2	Lab	LCS	12/20/2018	Pesticide	Coumaphos	n/a	=	0.0476	µg/L	EPA 525.2m	0.0051	0.01			
2018/19-2	Lab	LCS, rec	12/20/2018	Pesticide	Coumaphos	n/a	=	95	%	EPA 525.2m	-88	-88	0.1	225	
2018/19-2	Lab	method blank	12/14/2018	Pesticide	Cyanazine	n/a	<	0.024	µg/L	EPA 525.2	0.024	0.1			
2018/19-2	Lab	LCS	12/14/2018	Pesticide	Cyanazine	n/a	=	4.53	µg/L	EPA 525.2	0.024	0.1			
2018/19-2	Lab	LCS, rec	12/14/2018	Pesticide	Cyanazine	n/a	=	91	%	EPA 525.2	-88	-88	70	130	
2018/19-2	Lab	LCS dup	12/14/2018	Pesticide	Cyanazine	n/a	=	5.05	µg/L	EPA 525.2	0.024	0.1			
2018/19-2	Lab	LCS dup, rec	12/14/2018	Pesticide	Cyanazine	n/a	=	101	%	EPA 525.2	-88	-88	70	130	
2018/19-2	Lab	LCS, RPD	12/14/2018	Pesticide	Cyanazine	n/a	=	11	%	EPA 525.2	-88	-88	0	30	
2018/19-2	Lab	method blank	12/15/2018	Pesticide	Cyanazine	n/a	<	0.024	µg/L	EPA 525.2	0.024	0.1			

Appendix F
Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2018/19-2	Lab	LCS	12/15/2018	Pesticide	Cyanazine	n/a	=	4.9	µg/L	EPA 525.2	0.024	0.1			
2018/19-2	Lab	LCS, rec	12/15/2018	Pesticide	Cyanazine	n/a	=	98	%	EPA 525.2	-88	-88	70	130	
2018/19-2	Lab	LCS dup	12/15/2018	Pesticide	Cyanazine	n/a	=	4.92	µg/L	EPA 525.2	0.024	0.1			
2018/19-2	Lab	LCS dup, rec	12/15/2018	Pesticide	Cyanazine	n/a	=	98	%	EPA 525.2	-88	-88	70	130	
2018/19-2	Lab	LCS, RPD	12/15/2018	Pesticide	Cyanazine	n/a	=	0.4	%	EPA 525.2	-88	-88	0	30	
2018/19-2	Lab	method blank	12/19/2018	Pesticide	Cyanazine	n/a	<	0.024	µg/L	EPA 525.2	0.024	0.1			
2018/19-2	Lab	LCS	12/19/2018	Pesticide	Cyanazine	n/a	=	4.93	µg/L	EPA 525.2	0.024	0.1			
2018/19-2	Lab	LCS, rec	12/19/2018	Pesticide	Cyanazine	n/a	=	99	%	EPA 525.2	-88	-88	70	130	
2018/19-2	Lab	LCS dup	12/19/2018	Pesticide	Cyanazine	n/a	=	4.9	µg/L	EPA 525.2	0.024	0.1			
2018/19-2	Lab	LCS dup, rec	12/19/2018	Pesticide	Cyanazine	n/a	=	98	%	EPA 525.2	-88	-88	70	130	
2018/19-2	Lab	LCS, RPD	12/19/2018	Pesticide	Cyanazine	n/a	=	0.8	%	EPA 525.2	-88	-88	0	30	
2018/19-2	000NONPJ	matrix spike	12/18/2018	Pesticide	Dalapon	n/a	=	7.44	µg/L	EPA 515.3	0.1	0.4			
2018/19-2	000NONPJ	matrix spike, rec	12/18/2018	Pesticide	Dalapon	n/a	=	93	%	EPA 515.3	-88	-88	70	130	
2018/19-2	000NONPJ	matrix spike dup	12/18/2018	Pesticide	Dalapon	n/a	=	7.6	µg/L	EPA 515.3	0.1	0.4			
2018/19-2	000NONPJ	matrix spike dup, rec	12/18/2018	Pesticide	Dalapon	n/a	=	95	%	EPA 515.3	-88	-88	70	130	
2018/19-2	000NONPJ	matrix spike, RPD	12/18/2018	Pesticide	Dalapon	n/a	=	2	%	EPA 515.3	-88	-88	0	30	
2018/19-2	000NONPJ	matrix spike	12/18/2018	Pesticide	Dalapon	n/a	=	6.65	µg/L	EPA 515.3	0.1	0.4			
2018/19-2	000NONPJ	matrix spike, rec	12/18/2018	Pesticide	Dalapon	n/a	=	83	%	EPA 515.3	-88	-88	70	130	
2018/19-2	000NONPJ	matrix spike dup	12/18/2018	Pesticide	Dalapon	n/a	=	6.98	µg/L	EPA 515.3	0.1	0.4			
2018/19-2	000NONPJ	matrix spike dup, rec	12/18/2018	Pesticide	Dalapon	n/a	=	87	%	EPA 515.3	-88	-88	70	130	
2018/19-2	000NONPJ	matrix spike, RPD	12/18/2018	Pesticide	Dalapon	n/a	=	5	%	EPA 515.3	-88	-88	0	30	
2018/19-2	Lab	method blank	12/18/2018	Pesticide	Dalapon	n/a	<	0.1	µg/L	EPA 515.3	0.1	0.4			
2018/19-2	Lab	LCS	12/18/2018	Pesticide	Dalapon	n/a	=	7.67	µg/L	EPA 515.3	0.1	0.4			
2018/19-2	Lab	LCS, rec	12/18/2018	Pesticide	Dalapon	n/a	=	96	%	EPA 515.3	-88	-88	70	130	
2018/19-2	Lab	method blank	12/28/2018	Pesticide	Dalapon	n/a	<	0.1	µg/L	EPA 515.3	0.1	0.4			
2018/19-2	Lab	LCS	12/28/2018	Pesticide	Dalapon	n/a	=	8.41	µg/L	EPA 515.3	0.1	0.4			
2018/19-2	Lab	LCS, rec	12/28/2018	Pesticide	Dalapon	n/a	=	105	%	EPA 515.3	-88	-88	70	130	
2018/19-2	ME-VR2	matrix spike	12/28/2018	Pesticide	Dalapon	n/a	=	8.55	µg/L	EPA 515.3	0.1	0.4			
2018/19-2	ME-VR2	matrix spike, rec	12/28/2018	Pesticide	Dalapon	n/a	=	107	%	EPA 515.3	-88	-88	70	130	
2018/19-2	ME-VR2	matrix spike dup	12/28/2018	Pesticide	Dalapon	n/a	=	8.76	µg/L	EPA 515.3	0.1	0.4			
2018/19-2	ME-VR2	matrix spike dup, rec	12/28/2018	Pesticide	Dalapon	n/a	=	109	%	EPA 515.3	-88	-88	70	130	
2018/19-2	ME-VR2	matrix spike, RPD	12/28/2018	Pesticide	Dalapon	n/a	=	2	%	EPA 515.3	-88	-88	0	30	
2018/19-2	MO-CAM	matrix spike	12/28/2018	Pesticide	Dalapon	n/a	=	8.55	µg/L	EPA 515.3	0.1	0.4			
2018/19-2	MO-CAM	matrix spike, rec	12/28/2018	Pesticide	Dalapon	n/a	=	107	%	EPA 515.3	-88	-88	70	130	
2018/19-2	MO-CAM	matrix spike dup	12/28/2018	Pesticide	Dalapon	n/a	=	8.95	µg/L	EPA 515.3	0.1	0.4			
2018/19-2	MO-CAM	matrix spike dup, rec	12/28/2018	Pesticide	Dalapon	n/a	=	112	%	EPA 515.3	-88	-88	70	130	
2018/19-2	MO-CAM	matrix spike, RPD	12/28/2018	Pesticide	Dalapon	n/a	=	4	%	EPA 515.3	-88	-88	0	30	
2018/19-2	000NONPJ	matrix spike	12/18/2018	Pesticide	DCPA (Dacthal)	n/a	=	3.93	µg/L	EPA 515.3	0.07	0.1			
2018/19-2	000NONPJ	matrix spike, rec	12/18/2018	Pesticide	DCPA (Dacthal)	n/a	=	98	%	EPA 515.3	-88	-88	70	130	
2018/19-2	000NONPJ	matrix spike dup	12/18/2018	Pesticide	DCPA (Dacthal)	n/a	=	3.86	µg/L	EPA 515.3	0.07	0.1			
2018/19-2	000NONPJ	matrix spike dup, rec	12/18/2018	Pesticide	DCPA (Dacthal)	n/a	=	96	%	EPA 515.3	-88	-88	70	130	
2018/19-2	000NONPJ	matrix spike, RPD	12/18/2018	Pesticide	DCPA (Dacthal)	n/a	=	2	%	EPA 515.3	-88	-88	0	30	
2018/19-2	000NONPJ	matrix spike	12/18/2018	Pesticide	DCPA (Dacthal)	n/a	=	3.94	µg/L	EPA 515.3	0.07	0.1			
2018/19-2	000NONPJ	matrix spike, rec	12/18/2018	Pesticide	DCPA (Dacthal)	n/a	=	98	%	EPA 515.3	-88	-88	70	130	
2018/19-2	000NONPJ	matrix spike dup	12/18/2018	Pesticide	DCPA (Dacthal)	n/a	=	3.77	µg/L	EPA 515.3	0.07	0.1			
2018/19-2	000NONPJ	matrix spike dup, rec	12/18/2018	Pesticide	DCPA (Dacthal)	n/a	=	94	%	EPA 515.3	-88	-88	70	130	
2018/19-2	000NONPJ	matrix spike, RPD	12/18/2018	Pesticide	DCPA (Dacthal)	n/a	=	5	%	EPA 515.3	-88	-88	0	30	

Appendix F
Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2018/19-2	Lab	method blank	12/18/2018	Pesticide	DCPA (Dacthal)	n/a	<	0.07	µg/L	EPA 515.3	0.07	0.1			
2018/19-2	Lab	LCS	12/18/2018	Pesticide	DCPA (Dacthal)	n/a	=	3.77	µg/L	EPA 515.3	0.07	0.1			
2018/19-2	Lab	LCS, rec	12/18/2018	Pesticide	DCPA (Dacthal)	n/a	=	94	%	EPA 515.3	-88	-88	70	130	
2018/19-2	Lab	method blank	12/28/2018	Pesticide	DCPA (Dacthal)	n/a	<	0.07	µg/L	EPA 515.3	0.07	0.1			
2018/19-2	Lab	LCS	12/28/2018	Pesticide	DCPA (Dacthal)	n/a	=	4.04	µg/L	EPA 515.3	0.07	0.1			
2018/19-2	Lab	LCS, rec	12/28/2018	Pesticide	DCPA (Dacthal)	n/a	=	101	%	EPA 515.3	-88	-88	70	130	
2018/19-2	ME-VR2	matrix spike	12/28/2018	Pesticide	DCPA (Dacthal)	n/a	=	4	µg/L	EPA 515.3	0.07	0.1			
2018/19-2	ME-VR2	matrix spike, rec	12/28/2018	Pesticide	DCPA (Dacthal)	n/a	=	100	%	EPA 515.3	-88	-88	70	130	
2018/19-2	ME-VR2	matrix spike dup	12/28/2018	Pesticide	DCPA (Dacthal)	n/a	=	4.11	µg/L	EPA 515.3	0.07	0.1			
2018/19-2	ME-VR2	matrix spike dup, rec	12/28/2018	Pesticide	DCPA (Dacthal)	n/a	=	103	%	EPA 515.3	-88	-88	70	130	
2018/19-2	ME-VR2	matrix spike, RPD	12/28/2018	Pesticide	DCPA (Dacthal)	n/a	=	3	%	EPA 515.3	-88	-88	0	30	
2018/19-2	MO-CAM	matrix spike	12/28/2018	Pesticide	DCPA (Dacthal)	n/a	=	4.14	µg/L	EPA 515.3	0.07	0.1			
2018/19-2	MO-CAM	matrix spike, rec	12/28/2018	Pesticide	DCPA (Dacthal)	n/a	=	101	%	EPA 515.3	-88	-88	70	130	
2018/19-2	MO-CAM	matrix spike dup	12/28/2018	Pesticide	DCPA (Dacthal)	n/a	=	4.25	µg/L	EPA 515.3	0.07	0.1			
2018/19-2	MO-CAM	matrix spike dup, rec	12/28/2018	Pesticide	DCPA (Dacthal)	n/a	=	104	%	EPA 515.3	-88	-88	70	130	
2018/19-2	MO-CAM	matrix spike, RPD	12/28/2018	Pesticide	DCPA (Dacthal)	n/a	=	3	%	EPA 515.3	-88	-88	0	30	
2018/19-2	000NONPJ	matrix spike	12/26/2018	Pesticide	delta-BHC	n/a	=	0.0641	µg/L	EPA 608	0.0025	0.005			
2018/19-2	000NONPJ	matrix spike, rec	12/26/2018	Pesticide	delta-BHC	n/a	=	64	%	EPA 608	-88	-88	37	122	
2018/19-2	000NONPJ	matrix spike dup	12/26/2018	Pesticide	delta-BHC	n/a	=	0.0557	µg/L	EPA 608	0.0025	0.005			
2018/19-2	000NONPJ	matrix spike dup, rec	12/26/2018	Pesticide	delta-BHC	n/a	=	56	%	EPA 608	-88	-88	37	122	
2018/19-2	000NONPJ	matrix spike, RPD	12/26/2018	Pesticide	delta-BHC	n/a	=	14	%	EPA 608	-88	-88	0	30	
2018/19-2	000NONPJ	matrix spike	12/26/2018	Pesticide	delta-BHC	n/a	DNQ	0.0587	µg/L	EPA 608	0.05	0.1			
2018/19-2	000NONPJ	matrix spike, rec	12/26/2018	Pesticide	delta-BHC	n/a	=	59	%	EPA 608	-88	-88	37	122	
2018/19-2	000NONPJ	matrix spike dup	12/27/2018	Pesticide	delta-BHC	n/a	DNQ	0.0576	µg/L	EPA 608	0.05	0.1			
2018/19-2	000NONPJ	matrix spike dup, rec	12/27/2018	Pesticide	delta-BHC	n/a	=	58	%	EPA 608	-88	-88	37	122	
2018/19-2	000NONPJ	matrix spike, RPD	12/27/2018	Pesticide	delta-BHC	n/a	=	2	%	EPA 608	-88	-88	0	30	
2018/19-2	Lab	method blank	12/26/2018	Pesticide	delta-BHC	n/a	<	0.0025	µg/L	EPA 608	0.0025	0.005			
2018/19-2	Lab	LCS	12/26/2018	Pesticide	delta-BHC	n/a	=	0.0714	µg/L	EPA 608	0.0025	0.005			
2018/19-2	Lab	LCS, rec	12/26/2018	Pesticide	delta-BHC	n/a	=	71	%	EPA 608	-88	-88	51	123	
2018/19-2	Lab	method blank	1/12/2019	Pesticide	delta-BHC	n/a	<	0.0025	µg/L	EPA 608	0.0025	0.005			
2018/19-2	Lab	LCS	1/12/2019	Pesticide	delta-BHC	n/a	=	0.089	µg/L	EPA 608	0.0025	0.005			
2018/19-2	Lab	LCS, rec	1/12/2019	Pesticide	delta-BHC	n/a	=	89	%	EPA 608	-88	-88	51	123	
2018/19-2	ME-VR2	matrix spike	1/12/2019	Pesticide	delta-BHC	n/a	=	0.0519	µg/L	EPA 608	0.0025	0.005			
2018/19-2	ME-VR2	matrix spike, rec	1/12/2019	Pesticide	delta-BHC	n/a	=	52	%	EPA 608	-88	-88	37	122	
2018/19-2	ME-VR2	matrix spike dup	1/12/2019	Pesticide	delta-BHC	n/a	=	0.0714	µg/L	EPA 608	0.0025	0.005			IL
2018/19-2	ME-VR2	matrix spike dup, rec	1/12/2019	Pesticide	delta-BHC	n/a	=	71	%	EPA 608	-88	-88	37	122	IL
2018/19-2	ME-VR2	matrix spike, RPD	1/12/2019	Pesticide	delta-BHC	n/a	=	32	%	EPA 608	-88	-88	0	30	IL
2018/19-2	000NONPJ	matrix spike	12/19/2018	Pesticide	Demeton-O	n/a	=	0.0268	µg/L	EPA 525.2m	0.01	0.01			
2018/19-2	000NONPJ	matrix spike, rec	12/19/2018	Pesticide	Demeton-O	n/a	=	54	%	EPA 525.2m	-88	-88	0.1	208	
2018/19-2	000NONPJ	matrix spike dup	12/19/2018	Pesticide	Demeton-O	n/a	=	0.0283	µg/L	EPA 525.2m	0.01	0.01			
2018/19-2	000NONPJ	matrix spike dup, rec	12/19/2018	Pesticide	Demeton-O	n/a	=	57	%	EPA 525.2m	-88	-88	0.1	208	
2018/19-2	000NONPJ	matrix spike, RPD	12/19/2018	Pesticide	Demeton-O	n/a	=	5	%	EPA 525.2m	-88	-88	0	30	
2018/19-2	000NONPJ	matrix spike	12/20/2018	Pesticide	Demeton-O	n/a	=	0.0389	µg/L	EPA 525.2m	0.01	0.01			
2018/19-2	000NONPJ	matrix spike, rec	12/20/2018	Pesticide	Demeton-O	n/a	=	78	%	EPA 525.2m	-88	-88	0.1	208	
2018/19-2	000NONPJ	matrix spike dup	12/20/2018	Pesticide	Demeton-O	n/a	=	0.0266	µg/L	EPA 525.2m	0.01	0.01			IL
2018/19-2	000NONPJ	matrix spike dup, rec	12/20/2018	Pesticide	Demeton-O	n/a	=	53	%	EPA 525.2m	-88	-88	0.1	208	IL
2018/19-2	000NONPJ	matrix spike, RPD	12/20/2018	Pesticide	Demeton-O	n/a	=	37	%	EPA 525.2m	-88	-88	0	30	IL

Appendix F
Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2018/19-2	Lab	method blank	12/19/2018	Pesticide	Demeton-O	n/a	<	0.01	µg/L	EPA 525.2m	0.01	0.01			
2018/19-2	Lab	LCS	12/19/2018	Pesticide	Demeton-O	n/a	=	0.0273	µg/L	EPA 525.2m	0.01	0.01			
2018/19-2	Lab	LCS, rec	12/19/2018	Pesticide	Demeton-O	n/a	=	55	%	EPA 525.2m	-88	-88	0.1	211	
2018/19-2	Lab	method blank	12/20/2018	Pesticide	Demeton-O	n/a	<	0.01	µg/L	EPA 525.2m	0.01	0.01			
2018/19-2	Lab	LCS	12/20/2018	Pesticide	Demeton-O	n/a	=	0.0223	µg/L	EPA 525.2m	0.01	0.01			
2018/19-2	Lab	LCS, rec	12/20/2018	Pesticide	Demeton-O	n/a	=	45	%	EPA 525.2m	-88	-88	0.1	211	
2018/19-2	000NONPJ	matrix spike	12/19/2018	Pesticide	Demeton-S	n/a	=	0.0583	µg/L	EPA 525.2m	0.01	0.01			
2018/19-2	000NONPJ	matrix spike, rec	12/19/2018	Pesticide	Demeton-S	n/a	=	117	%	EPA 525.2m	-88	-88	0.1	207	
2018/19-2	000NONPJ	matrix spike dup	12/19/2018	Pesticide	Demeton-S	n/a	=	0.0605	µg/L	EPA 525.2m	0.01	0.01			
2018/19-2	000NONPJ	matrix spike dup, rec	12/19/2018	Pesticide	Demeton-S	n/a	=	121	%	EPA 525.2m	-88	-88	0.1	207	
2018/19-2	000NONPJ	matrix spike, RPD	12/19/2018	Pesticide	Demeton-S	n/a	=	4	%	EPA 525.2m	-88	-88	0	30	
2018/19-2	000NONPJ	matrix spike	12/20/2018	Pesticide	Demeton-S	n/a	=	0.0987	µg/L	EPA 525.2m	0.01	0.01			
2018/19-2	000NONPJ	matrix spike, rec	12/20/2018	Pesticide	Demeton-S	n/a	=	197	%	EPA 525.2m	-88	-88	0.1	207	
2018/19-2	000NONPJ	matrix spike dup	12/20/2018	Pesticide	Demeton-S	n/a	=	0.0777	µg/L	EPA 525.2m	0.01	0.01			
2018/19-2	000NONPJ	matrix spike dup, rec	12/20/2018	Pesticide	Demeton-S	n/a	=	155	%	EPA 525.2m	-88	-88	0.1	207	
2018/19-2	000NONPJ	matrix spike, RPD	12/20/2018	Pesticide	Demeton-S	n/a	=	24	%	EPA 525.2m	-88	-88	0	30	
2018/19-2	Lab	method blank	12/19/2018	Pesticide	Demeton-S	n/a	<	0.01	µg/L	EPA 525.2m	0.01	0.01			
2018/19-2	Lab	LCS	12/19/2018	Pesticide	Demeton-S	n/a	=	0.0577	µg/L	EPA 525.2m	0.01	0.01			
2018/19-2	Lab	LCS, rec	12/19/2018	Pesticide	Demeton-S	n/a	=	115	%	EPA 525.2m	-88	-88	0.1	213	
2018/19-2	Lab	method blank	12/20/2018	Pesticide	Demeton-S	n/a	<	0.01	µg/L	EPA 525.2m	0.01	0.01			
2018/19-2	Lab	LCS	12/20/2018	Pesticide	Demeton-S	n/a	=	0.0634	µg/L	EPA 525.2m	0.01	0.01			
2018/19-2	Lab	LCS, rec	12/20/2018	Pesticide	Demeton-S	n/a	=	127	%	EPA 525.2m	-88	-88	0.1	213	
2018/19-2	000NONPJ	matrix spike	12/19/2018	Pesticide	Diazinon	n/a	=	0.0446	µg/L	EPA 525.2m	0.0052	0.01			
2018/19-2	000NONPJ	matrix spike, rec	12/19/2018	Pesticide	Diazinon	n/a	=	89	%	EPA 525.2m	-88	-88	36	153	
2018/19-2	000NONPJ	matrix spike dup	12/19/2018	Pesticide	Diazinon	n/a	=	0.0401	µg/L	EPA 525.2m	0.0052	0.01			
2018/19-2	000NONPJ	matrix spike dup, rec	12/19/2018	Pesticide	Diazinon	n/a	=	80	%	EPA 525.2m	-88	-88	36	153	
2018/19-2	000NONPJ	matrix spike, RPD	12/19/2018	Pesticide	Diazinon	n/a	=	11	%	EPA 525.2m	-88	-88	0	30	
2018/19-2	000NONPJ	matrix spike	12/20/2018	Pesticide	Diazinon	n/a	=	0.0616	µg/L	EPA 525.2m	0.0052	0.01			
2018/19-2	000NONPJ	matrix spike, rec	12/20/2018	Pesticide	Diazinon	n/a	=	123	%	EPA 525.2m	-88	-88	36	153	
2018/19-2	000NONPJ	matrix spike dup	12/20/2018	Pesticide	Diazinon	n/a	=	0.0575	µg/L	EPA 525.2m	0.0052	0.01			
2018/19-2	000NONPJ	matrix spike dup, rec	12/20/2018	Pesticide	Diazinon	n/a	=	115	%	EPA 525.2m	-88	-88	36	153	
2018/19-2	000NONPJ	matrix spike, RPD	12/20/2018	Pesticide	Diazinon	n/a	=	7	%	EPA 525.2m	-88	-88	0	30	
2018/19-2	Lab	method blank	12/14/2018	Pesticide	Diazinon	n/a	<	0.096	µg/L	EPA 525.2	0.096	0.1			
2018/19-2	Lab	LCS	12/14/2018	Pesticide	Diazinon	n/a	=	4.04	µg/L	EPA 525.2	0.096	0.1			
2018/19-2	Lab	LCS, rec	12/14/2018	Pesticide	Diazinon	n/a	=	81	%	EPA 525.2	-88	-88	50	120	
2018/19-2	Lab	LCS dup	12/14/2018	Pesticide	Diazinon	n/a	=	4.09	µg/L	EPA 525.2	0.096	0.1			
2018/19-2	Lab	LCS dup, rec	12/14/2018	Pesticide	Diazinon	n/a	=	82	%	EPA 525.2	-88	-88	50	120	
2018/19-2	Lab	LCS, RPD	12/14/2018	Pesticide	Diazinon	n/a	=	1	%	EPA 525.2	-88	-88	0	30	
2018/19-2	Lab	method blank	12/15/2018	Pesticide	Diazinon	n/a	<	0.096	µg/L	EPA 525.2	0.096	0.1			
2018/19-2	Lab	LCS	12/15/2018	Pesticide	Diazinon	n/a	=	4.2	µg/L	EPA 525.2	0.096	0.1			
2018/19-2	Lab	LCS, rec	12/15/2018	Pesticide	Diazinon	n/a	=	84	%	EPA 525.2	-88	-88	50	120	
2018/19-2	Lab	LCS dup	12/15/2018	Pesticide	Diazinon	n/a	=	4.37	µg/L	EPA 525.2	0.096	0.1			
2018/19-2	Lab	LCS dup, rec	12/15/2018	Pesticide	Diazinon	n/a	=	87	%	EPA 525.2	-88	-88	50	120	
2018/19-2	Lab	LCS, RPD	12/15/2018	Pesticide	Diazinon	n/a	=	4	%	EPA 525.2	-88	-88	0	30	
2018/19-2	Lab	method blank	12/19/2018	Pesticide	Diazinon	n/a	<	0.096	µg/L	EPA 525.2	0.096	0.1			
2018/19-2	Lab	LCS	12/19/2018	Pesticide	Diazinon	n/a	=	3.65	µg/L	EPA 525.2	0.096	0.1			
2018/19-2	Lab	LCS, rec	12/19/2018	Pesticide	Diazinon	n/a	=	73	%	EPA 525.2	-88	-88	50	120	

Appendix F
Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2018/19-2	Lab	LCS dup	12/19/2018	Pesticide	Diazinon	n/a	=	3.65	µg/L	EPA 525.2	0.096	0.1			
2018/19-2	Lab	LCS dup, rec	12/19/2018	Pesticide	Diazinon	n/a	=	73	%	EPA 525.2	-88	-88	50	120	
2018/19-2	Lab	LCS, RPD	12/19/2018	Pesticide	Diazinon	n/a	=	0.04	%	EPA 525.2	-88	-88	0	30	
2018/19-2	Lab	method blank	12/19/2018	Pesticide	Diazinon	n/a	<	0.0052	µg/L	EPA 525.2m	0.0052	0.01			
2018/19-2	Lab	LCS	12/19/2018	Pesticide	Diazinon	n/a	=	0.0467	µg/L	EPA 525.2m	0.0052	0.01			
2018/19-2	Lab	LCS, rec	12/19/2018	Pesticide	Diazinon	n/a	=	93	%	EPA 525.2m	-88	-88	43	152	
2018/19-2	Lab	method blank	12/20/2018	Pesticide	Diazinon	n/a	<	0.0052	µg/L	EPA 525.2m	0.0052	0.01			
2018/19-2	Lab	LCS	12/20/2018	Pesticide	Diazinon	n/a	=	0.0449	µg/L	EPA 525.2m	0.0052	0.01			
2018/19-2	Lab	LCS, rec	12/20/2018	Pesticide	Diazinon	n/a	=	90	%	EPA 525.2m	-88	-88	43	152	
2018/19-2	000NONPJ	matrix spike	12/18/2018	Pesticide	Dicamba	n/a	=	7.47	µg/L	EPA 515.3	0.12	0.6			
2018/19-2	000NONPJ	matrix spike, rec	12/18/2018	Pesticide	Dicamba	n/a	=	93	%	EPA 515.3	-88	-88	70	130	
2018/19-2	000NONPJ	matrix spike dup	12/18/2018	Pesticide	Dicamba	n/a	=	7.41	µg/L	EPA 515.3	0.12	0.6			
2018/19-2	000NONPJ	matrix spike dup, rec	12/18/2018	Pesticide	Dicamba	n/a	=	93	%	EPA 515.3	-88	-88	70	130	
2018/19-2	000NONPJ	matrix spike, RPD	12/18/2018	Pesticide	Dicamba	n/a	=	0.8	%	EPA 515.3	-88	-88	0	30	
2018/19-2	000NONPJ	matrix spike	12/18/2018	Pesticide	Dicamba	n/a	=	7.96	µg/L	EPA 515.3	0.12	0.6			
2018/19-2	000NONPJ	matrix spike, rec	12/18/2018	Pesticide	Dicamba	n/a	=	100	%	EPA 515.3	-88	-88	70	130	
2018/19-2	000NONPJ	matrix spike dup	12/18/2018	Pesticide	Dicamba	n/a	=	7.32	µg/L	EPA 515.3	0.12	0.6			
2018/19-2	000NONPJ	matrix spike dup, rec	12/18/2018	Pesticide	Dicamba	n/a	=	92	%	EPA 515.3	-88	-88	70	130	
2018/19-2	000NONPJ	matrix spike, RPD	12/18/2018	Pesticide	Dicamba	n/a	=	8	%	EPA 515.3	-88	-88	0	30	
2018/19-2	Lab	method blank	12/18/2018	Pesticide	Dicamba	n/a	<	0.12	µg/L	EPA 515.3	0.12	0.6			
2018/19-2	Lab	LCS	12/18/2018	Pesticide	Dicamba	n/a	=	7.26	µg/L	EPA 515.3	0.12	0.6			
2018/19-2	Lab	LCS, rec	12/18/2018	Pesticide	Dicamba	n/a	=	91	%	EPA 515.3	-88	-88	70	130	
2018/19-2	Lab	method blank	12/28/2018	Pesticide	Dicamba	n/a	<	0.12	µg/L	EPA 515.3	0.12	0.6			
2018/19-2	Lab	LCS	12/28/2018	Pesticide	Dicamba	n/a	=	8.55	µg/L	EPA 515.3	0.12	0.6			
2018/19-2	Lab	LCS, rec	12/28/2018	Pesticide	Dicamba	n/a	=	107	%	EPA 515.3	-88	-88	70	130	
2018/19-2	ME-VR2	matrix spike	12/28/2018	Pesticide	Dicamba	n/a	=	8.75	µg/L	EPA 515.3	0.12	0.6			
2018/19-2	ME-VR2	matrix spike, rec	12/28/2018	Pesticide	Dicamba	n/a	=	109	%	EPA 515.3	-88	-88	70	130	
2018/19-2	ME-VR2	matrix spike dup	12/28/2018	Pesticide	Dicamba	n/a	=	8.79	µg/L	EPA 515.3	0.12	0.6			
2018/19-2	ME-VR2	matrix spike dup, rec	12/28/2018	Pesticide	Dicamba	n/a	=	110	%	EPA 515.3	-88	-88	70	130	
2018/19-2	ME-VR2	matrix spike, RPD	12/28/2018	Pesticide	Dicamba	n/a	=	0.4	%	EPA 515.3	-88	-88	0	30	
2018/19-2	MO-CAM	matrix spike	12/28/2018	Pesticide	Dicamba	n/a	=	8.62	µg/L	EPA 515.3	0.12	0.6			
2018/19-2	MO-CAM	matrix spike, rec	12/28/2018	Pesticide	Dicamba	n/a	=	108	%	EPA 515.3	-88	-88	70	130	
2018/19-2	MO-CAM	matrix spike dup	12/28/2018	Pesticide	Dicamba	n/a	=	8.74	µg/L	EPA 515.3	0.12	0.6			
2018/19-2	MO-CAM	matrix spike dup, rec	12/28/2018	Pesticide	Dicamba	n/a	=	109	%	EPA 515.3	-88	-88	70	130	
2018/19-2	MO-CAM	matrix spike, RPD	12/28/2018	Pesticide	Dicamba	n/a	=	1	%	EPA 515.3	-88	-88	0	30	
2018/19-2	000NONPJ	matrix spike	12/18/2018	Pesticide	Dichlorprop	n/a	=	7.45	µg/L	EPA 515.3	0.08	0.3			
2018/19-2	000NONPJ	matrix spike, rec	12/18/2018	Pesticide	Dichlorprop	n/a	=	93	%	EPA 515.3	-88	-88	70	130	
2018/19-2	000NONPJ	matrix spike dup	12/18/2018	Pesticide	Dichlorprop	n/a	=	7.44	µg/L	EPA 515.3	0.08	0.3			
2018/19-2	000NONPJ	matrix spike dup, rec	12/18/2018	Pesticide	Dichlorprop	n/a	=	93	%	EPA 515.3	-88	-88	70	130	
2018/19-2	000NONPJ	matrix spike, RPD	12/18/2018	Pesticide	Dichlorprop	n/a	=	0.1	%	EPA 515.3	-88	-88	0	30	
2018/19-2	000NONPJ	matrix spike	12/18/2018	Pesticide	Dichlorprop	n/a	=	7.6	µg/L	EPA 515.3	0.08	0.3			
2018/19-2	000NONPJ	matrix spike, rec	12/18/2018	Pesticide	Dichlorprop	n/a	=	95	%	EPA 515.3	-88	-88	70	130	
2018/19-2	000NONPJ	matrix spike dup	12/18/2018	Pesticide	Dichlorprop	n/a	=	7.18	µg/L	EPA 515.3	0.08	0.3			
2018/19-2	000NONPJ	matrix spike dup, rec	12/18/2018	Pesticide	Dichlorprop	n/a	=	90	%	EPA 515.3	-88	-88	70	130	
2018/19-2	000NONPJ	matrix spike, RPD	12/18/2018	Pesticide	Dichlorprop	n/a	=	6	%	EPA 515.3	-88	-88	0	30	
2018/19-2	Lab	method blank	12/18/2018	Pesticide	Dichlorprop	n/a	<	0.08	µg/L	EPA 515.3	0.08	0.3			
2018/19-2	Lab	LCS	12/18/2018	Pesticide	Dichlorprop	n/a	=	7.22	µg/L	EPA 515.3	0.08	0.3			

Appendix F
Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2018/19-2	Lab	LCS, rec	12/18/2018	Pesticide	Dichlorprop	n/a	=	90	%	EPA 515.3	-88	-88	70	130	
2018/19-2	Lab	method blank	12/28/2018	Pesticide	Dichlorprop	n/a	<	0.08	µg/L	EPA 515.3	0.08	0.3			
2018/19-2	Lab	LCS	12/28/2018	Pesticide	Dichlorprop	n/a	=	8.32	µg/L	EPA 515.3	0.08	0.3			
2018/19-2	Lab	LCS, rec	12/28/2018	Pesticide	Dichlorprop	n/a	=	104	%	EPA 515.3	-88	-88	70	130	
2018/19-2	ME-VR2	matrix spike	12/28/2018	Pesticide	Dichlorprop	n/a	=	8.46	µg/L	EPA 515.3	0.08	0.3			
2018/19-2	ME-VR2	matrix spike, rec	12/28/2018	Pesticide	Dichlorprop	n/a	=	106	%	EPA 515.3	-88	-88	70	130	
2018/19-2	ME-VR2	matrix spike dup	12/28/2018	Pesticide	Dichlorprop	n/a	=	8.54	µg/L	EPA 515.3	0.08	0.3			
2018/19-2	ME-VR2	matrix spike dup, rec	12/28/2018	Pesticide	Dichlorprop	n/a	=	107	%	EPA 515.3	-88	-88	70	130	
2018/19-2	ME-VR2	matrix spike, RPD	12/28/2018	Pesticide	Dichlorprop	n/a	=	1	%	EPA 515.3	-88	-88	0	30	
2018/19-2	MO-CAM	matrix spike	12/28/2018	Pesticide	Dichlorprop	n/a	=	8.29	µg/L	EPA 515.3	0.08	0.3			
2018/19-2	MO-CAM	matrix spike, rec	12/28/2018	Pesticide	Dichlorprop	n/a	=	104	%	EPA 515.3	-88	-88	70	130	
2018/19-2	MO-CAM	matrix spike dup	12/28/2018	Pesticide	Dichlorprop	n/a	=	8.48	µg/L	EPA 515.3	0.08	0.3			
2018/19-2	MO-CAM	matrix spike dup, rec	12/28/2018	Pesticide	Dichlorprop	n/a	=	106	%	EPA 515.3	-88	-88	70	130	
2018/19-2	MO-CAM	matrix spike, RPD	12/28/2018	Pesticide	Dichlorprop	n/a	=	2	%	EPA 515.3	-88	-88	0	30	
2018/19-2	000NONPJ	matrix spike	12/19/2018	Pesticide	Dichlorvos	n/a	=	0.0504	µg/L	EPA 525.2m	0.0029	0.01			
2018/19-2	000NONPJ	matrix spike, rec	12/19/2018	Pesticide	Dichlorvos	n/a	=	101	%	EPA 525.2m	-88	-88	42	137	
2018/19-2	000NONPJ	matrix spike dup	12/19/2018	Pesticide	Dichlorvos	n/a	=	0.0519	µg/L	EPA 525.2m	0.0029	0.01			
2018/19-2	000NONPJ	matrix spike dup, rec	12/19/2018	Pesticide	Dichlorvos	n/a	=	104	%	EPA 525.2m	-88	-88	42	137	
2018/19-2	000NONPJ	matrix spike, RPD	12/19/2018	Pesticide	Dichlorvos	n/a	=	3	%	EPA 525.2m	-88	-88	0	30	
2018/19-2	000NONPJ	matrix spike	12/20/2018	Pesticide	Dichlorvos	n/a	=	0.0684	µg/L	EPA 525.2m	0.0029	0.01			
2018/19-2	000NONPJ	matrix spike, rec	12/20/2018	Pesticide	Dichlorvos	n/a	=	126	%	EPA 525.2m	-88	-88	42	137	
2018/19-2	000NONPJ	matrix spike dup	12/20/2018	Pesticide	Dichlorvos	n/a	=	0.0588	µg/L	EPA 525.2m	0.0029	0.01			
2018/19-2	000NONPJ	matrix spike dup, rec	12/20/2018	Pesticide	Dichlorvos	n/a	=	107	%	EPA 525.2m	-88	-88	42	137	
2018/19-2	000NONPJ	matrix spike, RPD	12/20/2018	Pesticide	Dichlorvos	n/a	=	15	%	EPA 525.2m	-88	-88	0	30	
2018/19-2	Lab	method blank	12/19/2018	Pesticide	Dichlorvos	n/a	<	0.0029	µg/L	EPA 525.2m	0.0029	0.01			
2018/19-2	Lab	LCS	12/19/2018	Pesticide	Dichlorvos	n/a	=	0.0492	µg/L	EPA 525.2m	0.0029	0.01			
2018/19-2	Lab	LCS, rec	12/19/2018	Pesticide	Dichlorvos	n/a	=	98	%	EPA 525.2m	-88	-88	46	133	
2018/19-2	Lab	method blank	12/20/2018	Pesticide	Dichlorvos	n/a	<	0.0029	µg/L	EPA 525.2m	0.0029	0.01			
2018/19-2	Lab	LCS	12/20/2018	Pesticide	Dichlorvos	n/a	=	0.0555	µg/L	EPA 525.2m	0.0029	0.01			
2018/19-2	Lab	LCS, rec	12/20/2018	Pesticide	Dichlorvos	n/a	=	111	%	EPA 525.2m	-88	-88	46	133	
2018/19-2	000NONPJ	matrix spike	12/26/2018	Pesticide	Dieldrin	n/a	=	0.0665	µg/L	EPA 608	0.0021	0.01			
2018/19-2	000NONPJ	matrix spike, rec	12/26/2018	Pesticide	Dieldrin	n/a	=	66	%	EPA 608	-88	-88	27	132	
2018/19-2	000NONPJ	matrix spike dup	12/26/2018	Pesticide	Dieldrin	n/a	=	0.0574	µg/L	EPA 608	0.0021	0.01			
2018/19-2	000NONPJ	matrix spike dup, rec	12/26/2018	Pesticide	Dieldrin	n/a	=	57	%	EPA 608	-88	-88	27	132	
2018/19-2	000NONPJ	matrix spike, RPD	12/26/2018	Pesticide	Dieldrin	n/a	=	15	%	EPA 608	-88	-88	0	30	
2018/19-2	000NONPJ	matrix spike	12/26/2018	Pesticide	Dieldrin	n/a	DNQ	0.0191	µg/L	EPA 608	0	0.2			GB
2018/19-2	000NONPJ	matrix spike, rec	12/26/2018	Pesticide	Dieldrin	n/a	=	19	%	EPA 608	-88	-88	27	132	GB
2018/19-2	000NONPJ	matrix spike dup	12/27/2018	Pesticide	Dieldrin	n/a	DNQ	0.0201	µg/L	EPA 608	0	0.2			GB
2018/19-2	000NONPJ	matrix spike dup, rec	12/27/2018	Pesticide	Dieldrin	n/a	=	20	%	EPA 608	-88	-88	27	132	GB
2018/19-2	000NONPJ	matrix spike, RPD	12/27/2018	Pesticide	Dieldrin	n/a	=	5	%	EPA 608	-88	-88	0	30	
2018/19-2	Lab	method blank	12/26/2018	Pesticide	Dieldrin	n/a	<	0.0021	µg/L	EPA 608	0.0021	0.01			
2018/19-2	Lab	LCS	12/26/2018	Pesticide	Dieldrin	n/a	=	0.0767	µg/L	EPA 608	0.0021	0.01			
2018/19-2	Lab	LCS, rec	12/26/2018	Pesticide	Dieldrin	n/a	=	77	%	EPA 608	-88	-88	48	123	
2018/19-2	Lab	method blank	1/12/2019	Pesticide	Dieldrin	n/a	<	0.0021	µg/L	EPA 608	0.0021	0.01			
2018/19-2	Lab	LCS	1/12/2019	Pesticide	Dieldrin	n/a	=	0.0791	µg/L	EPA 608	0.0021	0.01			
2018/19-2	Lab	LCS, rec	1/12/2019	Pesticide	Dieldrin	n/a	=	79	%	EPA 608	-88	-88	48	123	
2018/19-2	ME-VR2	matrix spike	1/12/2019	Pesticide	Dieldrin	n/a	=	0.0513	µg/L	EPA 608	0.0021	0.01			

Appendix F
Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2018/19-2	ME-VR2	matrix spike, rec	1/12/2019	Pesticide	Dieldrin	n/a	=	51	%	EPA 608	-88	-88	27	132	
2018/19-2	ME-VR2	matrix spike dup	1/12/2019	Pesticide	Dieldrin	n/a	=	0.0744	µg/L	EPA 608	0.0021	0.01			IL
2018/19-2	ME-VR2	matrix spike dup, rec	1/12/2019	Pesticide	Dieldrin	n/a	=	74	%	EPA 608	-88	-88	27	132	IL
2018/19-2	ME-VR2	matrix spike, RPD	1/12/2019	Pesticide	Dieldrin	n/a	=	37	%	EPA 608	-88	-88	0	30	IL
2018/19-2	000NONPJ	matrix spike	12/19/2018	Pesticide	Dimethoate	n/a	=	0.0269	µg/L	EPA 525.2m	0.0062	0.01			
2018/19-2	000NONPJ	matrix spike, rec	12/19/2018	Pesticide	Dimethoate	n/a	=	54	%	EPA 525.2m	-88	-88	4	222	
2018/19-2	000NONPJ	matrix spike dup	12/19/2018	Pesticide	Dimethoate	n/a	=	0.0377	µg/L	EPA 525.2m	0.0062	0.01			IL
2018/19-2	000NONPJ	matrix spike dup, rec	12/19/2018	Pesticide	Dimethoate	n/a	=	75	%	EPA 525.2m	-88	-88	4	222	IL
2018/19-2	000NONPJ	matrix spike, RPD	12/19/2018	Pesticide	Dimethoate	n/a	=	33	%	EPA 525.2m	-88	-88	0	30	IL
2018/19-2	000NONPJ	matrix spike	12/20/2018	Pesticide	Dimethoate	n/a	=	0.0903	µg/L	EPA 525.2m	0.0062	0.01			
2018/19-2	000NONPJ	matrix spike, rec	12/20/2018	Pesticide	Dimethoate	n/a	=	181	%	EPA 525.2m	-88	-88	4	222	
2018/19-2	000NONPJ	matrix spike dup	12/20/2018	Pesticide	Dimethoate	n/a	=	0.0687	µg/L	EPA 525.2m	0.0062	0.01			
2018/19-2	000NONPJ	matrix spike dup, rec	12/20/2018	Pesticide	Dimethoate	n/a	=	137	%	EPA 525.2m	-88	-88	4	222	
2018/19-2	000NONPJ	matrix spike, RPD	12/20/2018	Pesticide	Dimethoate	n/a	=	27	%	EPA 525.2m	-88	-88	0	30	
2018/19-2	Lab	method blank	12/14/2018	Pesticide	Dimethoate	n/a	<	0.024	µg/L	EPA 525.2	0.024	0.2			
2018/19-2	Lab	LCS	12/14/2018	Pesticide	Dimethoate	n/a	=	2.54	µg/L	EPA 525.2	0.024	0.2			
2018/19-2	Lab	LCS, rec	12/14/2018	Pesticide	Dimethoate	n/a	=	51	%	EPA 525.2	-88	-88	50	120	
2018/19-2	Lab	LCS dup	12/14/2018	Pesticide	Dimethoate	n/a	=	2.47	µg/L	EPA 525.2	0.024	0.2			EUM
2018/19-2	Lab	LCS dup, rec	12/14/2018	Pesticide	Dimethoate	n/a	=	49	%	EPA 525.2	-88	-88	50	120	EUM
2018/19-2	Lab	LCS, RPD	12/14/2018	Pesticide	Dimethoate	n/a	=	3	%	EPA 525.2	-88	-88	0	30	EUM
2018/19-2	Lab	method blank	12/15/2018	Pesticide	Dimethoate	n/a	<	0.024	µg/L	EPA 525.2	0.024	0.2			
2018/19-2	Lab	LCS	12/15/2018	Pesticide	Dimethoate	n/a	=	2.82	µg/L	EPA 525.2	0.024	0.2			
2018/19-2	Lab	LCS, rec	12/15/2018	Pesticide	Dimethoate	n/a	=	56	%	EPA 525.2	-88	-88	50	120	
2018/19-2	Lab	LCS dup	12/15/2018	Pesticide	Dimethoate	n/a	=	2.73	µg/L	EPA 525.2	0.024	0.2			
2018/19-2	Lab	LCS dup, rec	12/15/2018	Pesticide	Dimethoate	n/a	=	55	%	EPA 525.2	-88	-88	50	120	
2018/19-2	Lab	LCS, RPD	12/15/2018	Pesticide	Dimethoate	n/a	=	3	%	EPA 525.2	-88	-88	0	30	
2018/19-2	Lab	method blank	12/19/2018	Pesticide	Dimethoate	n/a	<	0.024	µg/L	EPA 525.2	0.024	0.2			
2018/19-2	Lab	LCS	12/19/2018	Pesticide	Dimethoate	n/a	=	2.99	µg/L	EPA 525.2	0.024	0.2			
2018/19-2	Lab	LCS, rec	12/19/2018	Pesticide	Dimethoate	n/a	=	60	%	EPA 525.2	-88	-88	50	120	
2018/19-2	Lab	LCS dup	12/19/2018	Pesticide	Dimethoate	n/a	=	3.05	µg/L	EPA 525.2	0.024	0.2			
2018/19-2	Lab	LCS dup, rec	12/19/2018	Pesticide	Dimethoate	n/a	=	61	%	EPA 525.2	-88	-88	50	120	
2018/19-2	Lab	LCS, RPD	12/19/2018	Pesticide	Dimethoate	n/a	=	2	%	EPA 525.2	-88	-88	0	30	
2018/19-2	Lab	method blank	12/19/2018	Pesticide	Dimethoate	n/a	<	0.0062	µg/L	EPA 525.2m	0.0062	0.01			
2018/19-2	Lab	LCS	12/19/2018	Pesticide	Dimethoate	n/a	=	0.0372	µg/L	EPA 525.2m	0.0062	0.01			
2018/19-2	Lab	LCS, rec	12/19/2018	Pesticide	Dimethoate	n/a	=	74	%	EPA 525.2m	-88	-88	10	234	
2018/19-2	Lab	method blank	12/20/2018	Pesticide	Dimethoate	n/a	<	0.0062	µg/L	EPA 525.2m	0.0062	0.01			
2018/19-2	Lab	LCS	12/20/2018	Pesticide	Dimethoate	n/a	=	0.0181	µg/L	EPA 525.2m	0.0062	0.01			
2018/19-2	Lab	LCS, rec	12/20/2018	Pesticide	Dimethoate	n/a	=	36	%	EPA 525.2m	-88	-88	10	234	
2018/19-2	000NONPJ	matrix spike	12/18/2018	Pesticide	Dinoseb	n/a	=	3.92	µg/L	EPA 515.3	0.14	0.4			
2018/19-2	000NONPJ	matrix spike, rec	12/18/2018	Pesticide	Dinoseb	n/a	=	98	%	EPA 515.3	-88	-88	70	130	
2018/19-2	000NONPJ	matrix spike dup	12/18/2018	Pesticide	Dinoseb	n/a	=	3.83	µg/L	EPA 515.3	0.14	0.4			
2018/19-2	000NONPJ	matrix spike dup, rec	12/18/2018	Pesticide	Dinoseb	n/a	=	96	%	EPA 515.3	-88	-88	70	130	
2018/19-2	000NONPJ	matrix spike, RPD	12/18/2018	Pesticide	Dinoseb	n/a	=	2	%	EPA 515.3	-88	-88	0	30	
2018/19-2	000NONPJ	matrix spike	12/18/2018	Pesticide	Dinoseb	n/a	=	3.84	µg/L	EPA 515.3	0.14	0.4			
2018/19-2	000NONPJ	matrix spike, rec	12/18/2018	Pesticide	Dinoseb	n/a	=	96	%	EPA 515.3	-88	-88	70	130	
2018/19-2	000NONPJ	matrix spike dup	12/18/2018	Pesticide	Dinoseb	n/a	=	3.78	µg/L	EPA 515.3	0.14	0.4			
2018/19-2	000NONPJ	matrix spike dup, rec	12/18/2018	Pesticide	Dinoseb	n/a	=	94	%	EPA 515.3	-88	-88	70	130	

Appendix F
Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2018/19-2	000NONPJ	matrix spike, RPD	12/18/2018	Pesticide	Dinoseb	n/a	=	2	%	EPA 515.3	-88	-88	0	30	
2018/19-2	Lab	method blank	12/18/2018	Pesticide	Dinoseb	n/a	<	0.14	µg/L	EPA 515.3	0.14	0.4			
2018/19-2	Lab	LCS	12/18/2018	Pesticide	Dinoseb	n/a	=	3.75	µg/L	EPA 515.3	0.14	0.4			
2018/19-2	Lab	LCS, rec	12/18/2018	Pesticide	Dinoseb	n/a	=	94	%	EPA 515.3	-88	-88	70	130	
2018/19-2	Lab	method blank	12/28/2018	Pesticide	Dinoseb	n/a	<	0.14	µg/L	EPA 515.3	0.14	0.4			
2018/19-2	Lab	LCS	12/28/2018	Pesticide	Dinoseb	n/a	=	3.84	µg/L	EPA 515.3	0.14	0.4			
2018/19-2	Lab	LCS, rec	12/28/2018	Pesticide	Dinoseb	n/a	=	96	%	EPA 515.3	-88	-88	70	130	
2018/19-2	ME-VR2	matrix spike	12/28/2018	Pesticide	Dinoseb	n/a	=	3.91	µg/L	EPA 515.3	0.14	0.4			
2018/19-2	ME-VR2	matrix spike, rec	12/28/2018	Pesticide	Dinoseb	n/a	=	98	%	EPA 515.3	-88	-88	70	130	
2018/19-2	ME-VR2	matrix spike dup	12/28/2018	Pesticide	Dinoseb	n/a	=	4.03	µg/L	EPA 515.3	0.14	0.4			
2018/19-2	ME-VR2	matrix spike dup, rec	12/28/2018	Pesticide	Dinoseb	n/a	=	101	%	EPA 515.3	-88	-88	70	130	
2018/19-2	ME-VR2	matrix spike, RPD	12/28/2018	Pesticide	Dinoseb	n/a	=	3	%	EPA 515.3	-88	-88	0	30	
2018/19-2	MO-CAM	matrix spike	12/28/2018	Pesticide	Dinoseb	n/a	=	4.07	µg/L	EPA 515.3	0.14	0.4			
2018/19-2	MO-CAM	matrix spike, rec	12/28/2018	Pesticide	Dinoseb	n/a	=	102	%	EPA 515.3	-88	-88	70	130	
2018/19-2	MO-CAM	matrix spike dup	12/28/2018	Pesticide	Dinoseb	n/a	=	4.09	µg/L	EPA 515.3	0.14	0.4			
2018/19-2	MO-CAM	matrix spike dup, rec	12/28/2018	Pesticide	Dinoseb	n/a	=	102	%	EPA 515.3	-88	-88	70	130	
2018/19-2	MO-CAM	matrix spike, RPD	12/28/2018	Pesticide	Dinoseb	n/a	=	0.5	%	EPA 515.3	-88	-88	0	30	
2018/19-2	Lab	method blank	12/14/2018	Pesticide	Diphenamid	n/a	<	0.024	µg/L	EPA 525.2	0.024	0.1			
2018/19-2	Lab	LCS	12/14/2018	Pesticide	Diphenamid	n/a	=	5.49	µg/L	EPA 525.2	0.024	0.1			
2018/19-2	Lab	LCS, rec	12/14/2018	Pesticide	Diphenamid	n/a	=	110	%	EPA 525.2	-88	-88	70	130	
2018/19-2	Lab	LCS dup	12/14/2018	Pesticide	Diphenamid	n/a	=	5.53	µg/L	EPA 525.2	0.024	0.1			
2018/19-2	Lab	LCS dup, rec	12/14/2018	Pesticide	Diphenamid	n/a	=	111	%	EPA 525.2	-88	-88	70	130	
2018/19-2	Lab	LCS, RPD	12/14/2018	Pesticide	Diphenamid	n/a	=	0.6	%	EPA 525.2	-88	-88	0	30	
2018/19-2	Lab	method blank	12/15/2018	Pesticide	Diphenamid	n/a	<	0.024	µg/L	EPA 525.2	0.024	0.1			
2018/19-2	Lab	LCS	12/15/2018	Pesticide	Diphenamid	n/a	=	5.11	µg/L	EPA 525.2	0.024	0.1			
2018/19-2	Lab	LCS, rec	12/15/2018	Pesticide	Diphenamid	n/a	=	102	%	EPA 525.2	-88	-88	70	130	
2018/19-2	Lab	LCS dup	12/15/2018	Pesticide	Diphenamid	n/a	=	5.12	µg/L	EPA 525.2	0.024	0.1			
2018/19-2	Lab	LCS dup, rec	12/15/2018	Pesticide	Diphenamid	n/a	=	102	%	EPA 525.2	-88	-88	70	130	
2018/19-2	Lab	LCS, RPD	12/15/2018	Pesticide	Diphenamid	n/a	=	0.3	%	EPA 525.2	-88	-88	0	30	
2018/19-2	Lab	method blank	12/19/2018	Pesticide	Diphenamid	n/a	<	0.024	µg/L	EPA 525.2	0.024	0.1			
2018/19-2	Lab	LCS	12/19/2018	Pesticide	Diphenamid	n/a	=	5.17	µg/L	EPA 525.2	0.024	0.1			
2018/19-2	Lab	LCS, rec	12/19/2018	Pesticide	Diphenamid	n/a	=	103	%	EPA 525.2	-88	-88	70	130	
2018/19-2	Lab	LCS dup	12/19/2018	Pesticide	Diphenamid	n/a	=	5.12	µg/L	EPA 525.2	0.024	0.1			
2018/19-2	Lab	LCS dup, rec	12/19/2018	Pesticide	Diphenamid	n/a	=	102	%	EPA 525.2	-88	-88	70	130	
2018/19-2	Lab	LCS, RPD	12/19/2018	Pesticide	Diphenamid	n/a	=	1	%	EPA 525.2	-88	-88	0	30	
2018/19-2	000NONPJ	matrix spike	12/19/2018	Pesticide	Disulfoton	n/a	=	0.0437	µg/L	EPA 525.2m	0.01	0.01			
2018/19-2	000NONPJ	matrix spike, rec	12/19/2018	Pesticide	Disulfoton	n/a	=	87	%	EPA 525.2m	-88	-88	12	199	
2018/19-2	000NONPJ	matrix spike dup	12/19/2018	Pesticide	Disulfoton	n/a	=	0.0439	µg/L	EPA 525.2m	0.01	0.01			
2018/19-2	000NONPJ	matrix spike dup, rec	12/19/2018	Pesticide	Disulfoton	n/a	=	88	%	EPA 525.2m	-88	-88	12	199	
2018/19-2	000NONPJ	matrix spike, RPD	12/19/2018	Pesticide	Disulfoton	n/a	=	0.3	%	EPA 525.2m	-88	-88	0	30	
2018/19-2	000NONPJ	matrix spike	12/20/2018	Pesticide	Disulfoton	n/a	=	0.071	µg/L	EPA 525.2m	0.01	0.01			
2018/19-2	000NONPJ	matrix spike, rec	12/20/2018	Pesticide	Disulfoton	n/a	=	142	%	EPA 525.2m	-88	-88	12	199	
2018/19-2	000NONPJ	matrix spike dup	12/20/2018	Pesticide	Disulfoton	n/a	=	0.0579	µg/L	EPA 525.2m	0.01	0.01			
2018/19-2	000NONPJ	matrix spike dup, rec	12/20/2018	Pesticide	Disulfoton	n/a	=	116	%	EPA 525.2m	-88	-88	12	199	
2018/19-2	000NONPJ	matrix spike, RPD	12/20/2018	Pesticide	Disulfoton	n/a	=	20	%	EPA 525.2m	-88	-88	0	30	
2018/19-2	Lab	method blank	12/14/2018	Pesticide	Disulfoton	n/a	<	0.031	µg/L	EPA 525.2	0.031	0.1			
2018/19-2	Lab	LCS	12/14/2018	Pesticide	Disulfoton	n/a	=	3.63	µg/L	EPA 525.2	0.031	0.1			

Appendix F
Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2018/19-2	Lab	LCS, rec	12/14/2018	Pesticide	Disulfoton	n/a	=	73	%	EPA 525.2	-88	-88	50	120	
2018/19-2	Lab	LCS dup	12/14/2018	Pesticide	Disulfoton	n/a	=	3.39	µg/L	EPA 525.2	0.031	0.1			
2018/19-2	Lab	LCS dup, rec	12/14/2018	Pesticide	Disulfoton	n/a	=	68	%	EPA 525.2	-88	-88	50	120	
2018/19-2	Lab	LCS, RPD	12/14/2018	Pesticide	Disulfoton	n/a	=	7	%	EPA 525.2	-88	-88	0	30	
2018/19-2	Lab	method blank	12/15/2018	Pesticide	Disulfoton	n/a	<	0.031	µg/L	EPA 525.2	0.031	0.1			
2018/19-2	Lab	LCS	12/15/2018	Pesticide	Disulfoton	n/a	=	4.1	µg/L	EPA 525.2	0.031	0.1			
2018/19-2	Lab	LCS, rec	12/15/2018	Pesticide	Disulfoton	n/a	=	82	%	EPA 525.2	-88	-88	50	120	
2018/19-2	Lab	LCS dup	12/15/2018	Pesticide	Disulfoton	n/a	=	4.03	µg/L	EPA 525.2	0.031	0.1			
2018/19-2	Lab	LCS dup, rec	12/15/2018	Pesticide	Disulfoton	n/a	=	81	%	EPA 525.2	-88	-88	50	120	
2018/19-2	Lab	LCS, RPD	12/15/2018	Pesticide	Disulfoton	n/a	=	2	%	EPA 525.2	-88	-88	0	30	
2018/19-2	Lab	method blank	12/19/2018	Pesticide	Disulfoton	n/a	<	0.031	µg/L	EPA 525.2	0.031	0.1			
2018/19-2	Lab	LCS	12/19/2018	Pesticide	Disulfoton	n/a	=	4.1	µg/L	EPA 525.2	0.031	0.1			
2018/19-2	Lab	LCS, rec	12/19/2018	Pesticide	Disulfoton	n/a	=	82	%	EPA 525.2	-88	-88	50	120	
2018/19-2	Lab	LCS dup	12/19/2018	Pesticide	Disulfoton	n/a	=	3.93	µg/L	EPA 525.2	0.031	0.1			
2018/19-2	Lab	LCS dup, rec	12/19/2018	Pesticide	Disulfoton	n/a	=	79	%	EPA 525.2	-88	-88	50	120	
2018/19-2	Lab	LCS, RPD	12/19/2018	Pesticide	Disulfoton	n/a	=	4	%	EPA 525.2	-88	-88	0	30	
2018/19-2	Lab	method blank	12/19/2018	Pesticide	Disulfoton	n/a	<	0.01	µg/L	EPA 525.2m	0.01	0.01			
2018/19-2	Lab	LCS	12/19/2018	Pesticide	Disulfoton	n/a	=	0.046	µg/L	EPA 525.2m	0.01	0.01			
2018/19-2	Lab	LCS, rec	12/19/2018	Pesticide	Disulfoton	n/a	=	92	%	EPA 525.2m	-88	-88	0.1	212	
2018/19-2	Lab	method blank	12/20/2018	Pesticide	Disulfoton	n/a	<	0.01	µg/L	EPA 525.2m	0.01	0.01			
2018/19-2	Lab	LCS	12/20/2018	Pesticide	Disulfoton	n/a	=	0.0502	µg/L	EPA 525.2m	0.01	0.01			
2018/19-2	Lab	LCS, rec	12/20/2018	Pesticide	Disulfoton	n/a	=	100	%	EPA 525.2m	-88	-88	0.1	212	
2018/19-2	000NONPJ	matrix spike	12/26/2018	Pesticide	Endosulfan I	n/a	=	0.0609	µg/L	EPA 608	0.0017	0.02			
2018/19-2	000NONPJ	matrix spike, rec	12/26/2018	Pesticide	Endosulfan I	n/a	=	61	%	EPA 608	-88	-88	0.1	140	
2018/19-2	000NONPJ	matrix spike dup	12/26/2018	Pesticide	Endosulfan I	n/a	=	0.0528	µg/L	EPA 608	0.0017	0.02			
2018/19-2	000NONPJ	matrix spike dup, rec	12/26/2018	Pesticide	Endosulfan I	n/a	=	53	%	EPA 608	-88	-88	0.1	140	
2018/19-2	000NONPJ	matrix spike, RPD	12/26/2018	Pesticide	Endosulfan I	n/a	=	14	%	EPA 608	-88	-88	0	30	
2018/19-2	000NONPJ	matrix spike	12/26/2018	Pesticide	Endosulfan I	n/a	DNQ	0.0393	µg/L	EPA 608	0.034	0.4			
2018/19-2	000NONPJ	matrix spike, rec	12/26/2018	Pesticide	Endosulfan I	n/a	=	39	%	EPA 608	-88	-88	0.1	140	
2018/19-2	000NONPJ	matrix spike dup	12/27/2018	Pesticide	Endosulfan I	n/a	DNQ	0.0393	µg/L	EPA 608	0.034	0.4			
2018/19-2	000NONPJ	matrix spike dup, rec	12/27/2018	Pesticide	Endosulfan I	n/a	=	39	%	EPA 608	-88	-88	0.1	140	
2018/19-2	000NONPJ	matrix spike, RPD	12/27/2018	Pesticide	Endosulfan I	n/a	=	0.1	%	EPA 608	-88	-88	0	30	
2018/19-2	Lab	method blank	12/26/2018	Pesticide	Endosulfan I	n/a	<	0.0017	µg/L	EPA 608	0.0017	0.02			
2018/19-2	Lab	LCS	12/26/2018	Pesticide	Endosulfan I	n/a	=	0.0705	µg/L	EPA 608	0.0017	0.02			
2018/19-2	Lab	LCS, rec	12/26/2018	Pesticide	Endosulfan I	n/a	=	71	%	EPA 608	-88	-88	14	131	
2018/19-2	Lab	method blank	1/12/2019	Pesticide	Endosulfan I	n/a	<	0.0017	µg/L	EPA 608	0.0017	0.02			
2018/19-2	Lab	LCS	1/12/2019	Pesticide	Endosulfan I	n/a	=	0.0797	µg/L	EPA 608	0.0017	0.02			
2018/19-2	Lab	LCS, rec	1/12/2019	Pesticide	Endosulfan I	n/a	=	80	%	EPA 608	-88	-88	14	131	
2018/19-2	ME-VR2	matrix spike	1/12/2019	Pesticide	Endosulfan I	n/a	=	0.0536	µg/L	EPA 608	0.0017	0.02			
2018/19-2	ME-VR2	matrix spike, rec	1/12/2019	Pesticide	Endosulfan I	n/a	=	54	%	EPA 608	-88	-88	0.1	140	
2018/19-2	ME-VR2	matrix spike dup	1/12/2019	Pesticide	Endosulfan I	n/a	=	0.0786	µg/L	EPA 608	0.0017	0.02			IL
2018/19-2	ME-VR2	matrix spike dup, rec	1/12/2019	Pesticide	Endosulfan I	n/a	=	79	%	EPA 608	-88	-88	0.1	140	IL
2018/19-2	ME-VR2	matrix spike, RPD	1/12/2019	Pesticide	Endosulfan I	n/a	=	38	%	EPA 608	-88	-88	0	30	IL
2018/19-2	000NONPJ	matrix spike	12/26/2018	Pesticide	Endosulfan II	n/a	=	0.0636	µg/L	EPA 608	0.0019	0.01			
2018/19-2	000NONPJ	matrix spike, rec	12/26/2018	Pesticide	Endosulfan II	n/a	=	64	%	EPA 608	-88	-88	17	122	
2018/19-2	000NONPJ	matrix spike dup	12/26/2018	Pesticide	Endosulfan II	n/a	=	0.0572	µg/L	EPA 608	0.0019	0.01			
2018/19-2	000NONPJ	matrix spike dup, rec	12/26/2018	Pesticide	Endosulfan II	n/a	=	57	%	EPA 608	-88	-88	17	122	

Appendix F
Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2018/19-2	000NONPJ	matrix spike, RPD	12/26/2018	Pesticide	Endosulfan II	n/a	=	11	%	EPA 608	-88	-88	0	30	
2018/19-2	000NONPJ	matrix spike	12/26/2018	Pesticide	Endosulfan II	n/a	DNQ	0.0197	µg/L	EPA 608	0	0.2			
2018/19-2	000NONPJ	matrix spike, rec	12/26/2018	Pesticide	Endosulfan II	n/a	=	20	%	EPA 608	-88	-88	17	122	
2018/19-2	000NONPJ	matrix spike dup	12/27/2018	Pesticide	Endosulfan II	n/a	DNQ	0.0227	µg/L	EPA 608	0	0.2			
2018/19-2	000NONPJ	matrix spike dup, rec	12/27/2018	Pesticide	Endosulfan II	n/a	=	23	%	EPA 608	-88	-88	17	122	
2018/19-2	000NONPJ	matrix spike, RPD	12/27/2018	Pesticide	Endosulfan II	n/a	=	14	%	EPA 608	-88	-88	0	30	
2018/19-2	Lab	method blank	12/26/2018	Pesticide	Endosulfan II	n/a	<	0.0019	µg/L	EPA 608	0.0019	0.01			
2018/19-2	Lab	LCS	12/26/2018	Pesticide	Endosulfan II	n/a	=	0.0753	µg/L	EPA 608	0.0019	0.01			
2018/19-2	Lab	LCS, rec	12/26/2018	Pesticide	Endosulfan II	n/a	=	75	%	EPA 608	-88	-88	40	121	
2018/19-2	Lab	method blank	1/12/2019	Pesticide	Endosulfan II	n/a	<	0.0019	µg/L	EPA 608	0.0019	0.01			
2018/19-2	Lab	LCS	1/12/2019	Pesticide	Endosulfan II	n/a	=	0.0808	µg/L	EPA 608	0.0019	0.01			
2018/19-2	Lab	LCS, rec	1/12/2019	Pesticide	Endosulfan II	n/a	=	81	%	EPA 608	-88	-88	40	121	
2018/19-2	ME-VR2	matrix spike	1/12/2019	Pesticide	Endosulfan II	n/a	=	0.0514	µg/L	EPA 608	0.0019	0.01			
2018/19-2	ME-VR2	matrix spike, rec	1/12/2019	Pesticide	Endosulfan II	n/a	=	51	%	EPA 608	-88	-88	17	122	
2018/19-2	ME-VR2	matrix spike dup	1/12/2019	Pesticide	Endosulfan II	n/a	=	0.0727	µg/L	EPA 608	0.0019	0.01			IL
2018/19-2	ME-VR2	matrix spike dup, rec	1/12/2019	Pesticide	Endosulfan II	n/a	=	73	%	EPA 608	-88	-88	17	122	IL
2018/19-2	ME-VR2	matrix spike, RPD	1/12/2019	Pesticide	Endosulfan II	n/a	=	34	%	EPA 608	-88	-88	0	30	IL
2018/19-2	000NONPJ	matrix spike	12/26/2018	Pesticide	Endosulfan sulfate	n/a	=	0.063	µg/L	EPA 608	0.008	0.05			
2018/19-2	000NONPJ	matrix spike, rec	12/26/2018	Pesticide	Endosulfan sulfate	n/a	=	63	%	EPA 608	-88	-88	37	131	
2018/19-2	000NONPJ	matrix spike dup	12/26/2018	Pesticide	Endosulfan sulfate	n/a	=	0.0562	µg/L	EPA 608	0.008	0.05			
2018/19-2	000NONPJ	matrix spike dup, rec	12/26/2018	Pesticide	Endosulfan sulfate	n/a	=	56	%	EPA 608	-88	-88	37	131	
2018/19-2	000NONPJ	matrix spike, RPD	12/26/2018	Pesticide	Endosulfan sulfate	n/a	=	11	%	EPA 608	-88	-88	0	30	
2018/19-2	000NONPJ	matrix spike	12/26/2018	Pesticide	Endosulfan sulfate	n/a	DNQ	0.0654	µg/L	EPA 608	0	1			
2018/19-2	000NONPJ	matrix spike, rec	12/26/2018	Pesticide	Endosulfan sulfate	n/a	=	65	%	EPA 608	-88	-88	37	131	
2018/19-2	000NONPJ	matrix spike dup	12/27/2018	Pesticide	Endosulfan sulfate	n/a	DNQ	0.0637	µg/L	EPA 608	0	1			
2018/19-2	000NONPJ	matrix spike dup, rec	12/27/2018	Pesticide	Endosulfan sulfate	n/a	=	64	%	EPA 608	-88	-88	37	131	
2018/19-2	000NONPJ	matrix spike, RPD	12/27/2018	Pesticide	Endosulfan sulfate	n/a	=	3	%	EPA 608	-88	-88	0	30	
2018/19-2	Lab	method blank	12/26/2018	Pesticide	Endosulfan sulfate	n/a	<	0.008	µg/L	EPA 608	0.008	0.05			
2018/19-2	Lab	LCS	12/26/2018	Pesticide	Endosulfan sulfate	n/a	=	0.0738	µg/L	EPA 608	0.008	0.05			
2018/19-2	Lab	LCS, rec	12/26/2018	Pesticide	Endosulfan sulfate	n/a	=	74	%	EPA 608	-88	-88	44	140	
2018/19-2	Lab	method blank	1/12/2019	Pesticide	Endosulfan sulfate	n/a	<	0.008	µg/L	EPA 608	0.008	0.05			
2018/19-2	Lab	LCS	1/12/2019	Pesticide	Endosulfan sulfate	n/a	=	0.0872	µg/L	EPA 608	0.008	0.05			
2018/19-2	Lab	LCS, rec	1/12/2019	Pesticide	Endosulfan sulfate	n/a	=	87	%	EPA 608	-88	-88	44	140	
2018/19-2	ME-VR2	matrix spike	1/12/2019	Pesticide	Endosulfan sulfate	n/a	=	0.0603	µg/L	EPA 608	0.008	0.05			
2018/19-2	ME-VR2	matrix spike, rec	1/12/2019	Pesticide	Endosulfan sulfate	n/a	=	60	%	EPA 608	-88	-88	37	131	
2018/19-2	ME-VR2	matrix spike dup	1/12/2019	Pesticide	Endosulfan sulfate	n/a	=	0.0829	µg/L	EPA 608	0.008	0.05			IL
2018/19-2	ME-VR2	matrix spike dup, rec	1/12/2019	Pesticide	Endosulfan sulfate	n/a	=	83	%	EPA 608	-88	-88	37	131	IL
2018/19-2	ME-VR2	matrix spike, RPD	1/12/2019	Pesticide	Endosulfan sulfate	n/a	=	32	%	EPA 608	-88	-88	0	30	IL
2018/19-2	000NONPJ	matrix spike	12/26/2018	Pesticide	Endrin	n/a	=	0.0572	µg/L	EPA 608	0.0028	0.01			
2018/19-2	000NONPJ	matrix spike, rec	12/26/2018	Pesticide	Endrin	n/a	=	57	%	EPA 608	-88	-88	42	144	
2018/19-2	000NONPJ	matrix spike dup	12/26/2018	Pesticide	Endrin	n/a	=	0.0487	µg/L	EPA 608	0.0028	0.01			
2018/19-2	000NONPJ	matrix spike dup, rec	12/26/2018	Pesticide	Endrin	n/a	=	49	%	EPA 608	-88	-88	42	144	
2018/19-2	000NONPJ	matrix spike, RPD	12/26/2018	Pesticide	Endrin	n/a	=	16	%	EPA 608	-88	-88	0	30	
2018/19-2	000NONPJ	matrix spike	12/26/2018	Pesticide	Endrin	n/a	DNQ	0.0308	µg/L	EPA 608	0	0.2			GB
2018/19-2	000NONPJ	matrix spike, rec	12/26/2018	Pesticide	Endrin	n/a	=	31	%	EPA 608	-88	-88	42	144	GB
2018/19-2	000NONPJ	matrix spike dup	12/27/2018	Pesticide	Endrin	n/a	DNQ	0.0248	µg/L	EPA 608	0	0.2			GB
2018/19-2	000NONPJ	matrix spike dup, rec	12/27/2018	Pesticide	Endrin	n/a	=	25	%	EPA 608	-88	-88	42	144	GB

Appendix F
Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2018/19-2	000NONPJ	matrix spike, RPD	12/27/2018	Pesticide	Endrin	n/a	=	21	%	EPA 608	-88	-88	0	30	
2018/19-2	Lab	method blank	12/26/2018	Pesticide	Endrin	n/a	<	0.0028	µg/L	EPA 608	0.0028	0.01			
2018/19-2	Lab	LCS	12/26/2018	Pesticide	Endrin	n/a	=	0.0623	µg/L	EPA 608	0.0028	0.01			
2018/19-2	Lab	LCS, rec	12/26/2018	Pesticide	Endrin	n/a	=	62	%	EPA 608	-88	-88	40	143	
2018/19-2	Lab	method blank	1/12/2019	Pesticide	Endrin	n/a	<	0.0028	µg/L	EPA 608	0.0028	0.01			
2018/19-2	Lab	LCS	1/12/2019	Pesticide	Endrin	n/a	=	0.0664	µg/L	EPA 608	0.0028	0.01			
2018/19-2	Lab	LCS, rec	1/12/2019	Pesticide	Endrin	n/a	=	66	%	EPA 608	-88	-88	40	143	
2018/19-2	ME-VR2	matrix spike	1/12/2019	Pesticide	Endrin	n/a	=	0.0616	µg/L	EPA 608	0.0028	0.01			
2018/19-2	ME-VR2	matrix spike, rec	1/12/2019	Pesticide	Endrin	n/a	=	62	%	EPA 608	-88	-88	42	144	
2018/19-2	ME-VR2	matrix spike dup	1/12/2019	Pesticide	Endrin	n/a	=	0.082	µg/L	EPA 608	0.0028	0.01			
2018/19-2	ME-VR2	matrix spike dup, rec	1/12/2019	Pesticide	Endrin	n/a	=	82	%	EPA 608	-88	-88	42	144	
2018/19-2	ME-VR2	matrix spike, RPD	1/12/2019	Pesticide	Endrin	n/a	=	28	%	EPA 608	-88	-88	0	30	
2018/19-2	000NONPJ	matrix spike	12/26/2018	Pesticide	Endrin aldehyde	n/a	=	0.0623	µg/L	EPA 608	0.003	0.01			
2018/19-2	000NONPJ	matrix spike, rec	12/26/2018	Pesticide	Endrin aldehyde	n/a	=	62	%	EPA 608	-88	-88	11	113	
2018/19-2	000NONPJ	matrix spike dup	12/26/2018	Pesticide	Endrin aldehyde	n/a	=	0.0534	µg/L	EPA 608	0.003	0.01			
2018/19-2	000NONPJ	matrix spike dup, rec	12/26/2018	Pesticide	Endrin aldehyde	n/a	=	53	%	EPA 608	-88	-88	11	113	
2018/19-2	000NONPJ	matrix spike, RPD	12/26/2018	Pesticide	Endrin aldehyde	n/a	=	16	%	EPA 608	-88	-88	0	30	
2018/19-2	000NONPJ	matrix spike	12/26/2018	Pesticide	Endrin aldehyde	n/a	DNQ	0.0324	µg/L	EPA 608	0	0.2			
2018/19-2	000NONPJ	matrix spike, rec	12/26/2018	Pesticide	Endrin aldehyde	n/a	=	32	%	EPA 608	-88	-88	11	113	
2018/19-2	000NONPJ	matrix spike dup	12/27/2018	Pesticide	Endrin aldehyde	n/a	DNQ	0.0293	µg/L	EPA 608	0	0.2			
2018/19-2	000NONPJ	matrix spike dup, rec	12/27/2018	Pesticide	Endrin aldehyde	n/a	=	29	%	EPA 608	-88	-88	11	113	
2018/19-2	000NONPJ	matrix spike, RPD	12/27/2018	Pesticide	Endrin aldehyde	n/a	=	10	%	EPA 608	-88	-88	0	30	
2018/19-2	Lab	method blank	12/26/2018	Pesticide	Endrin aldehyde	n/a	<	0.003	µg/L	EPA 608	0.003	0.01			
2018/19-2	Lab	LCS	12/26/2018	Pesticide	Endrin aldehyde	n/a	=	0.0856	µg/L	EPA 608	0.003	0.01			
2018/19-2	Lab	LCS, rec	12/26/2018	Pesticide	Endrin aldehyde	n/a	=	86	%	EPA 608	-88	-88	18	136	
2018/19-2	Lab	method blank	1/12/2019	Pesticide	Endrin aldehyde	n/a	<	0.003	µg/L	EPA 608	0.003	0.01			
2018/19-2	Lab	LCS	1/12/2019	Pesticide	Endrin aldehyde	n/a	=	0.0935	µg/L	EPA 608	0.003	0.01			
2018/19-2	Lab	LCS, rec	1/12/2019	Pesticide	Endrin aldehyde	n/a	=	93	%	EPA 608	-88	-88	18	136	
2018/19-2	ME-VR2	matrix spike	1/12/2019	Pesticide	Endrin aldehyde	n/a	=	0.0672	µg/L	EPA 608	0.003	0.01			
2018/19-2	ME-VR2	matrix spike, rec	1/12/2019	Pesticide	Endrin aldehyde	n/a	=	67	%	EPA 608	-88	-88	11	113	
2018/19-2	ME-VR2	matrix spike dup	1/12/2019	Pesticide	Endrin aldehyde	n/a	=	0.0967	µg/L	EPA 608	0.003	0.01			IL
2018/19-2	ME-VR2	matrix spike dup, rec	1/12/2019	Pesticide	Endrin aldehyde	n/a	=	97	%	EPA 608	-88	-88	11	113	IL
2018/19-2	ME-VR2	matrix spike, RPD	1/12/2019	Pesticide	Endrin aldehyde	n/a	=	36	%	EPA 608	-88	-88	0	30	IL
2018/19-2	Lab	method blank	12/14/2018	Pesticide	EPTC	n/a	<	0.017	µg/L	EPA 525.2	0.017	1			
2018/19-2	Lab	LCS	12/14/2018	Pesticide	EPTC	n/a	=	4.89	µg/L	EPA 525.2	0.017	1			
2018/19-2	Lab	LCS, rec	12/14/2018	Pesticide	EPTC	n/a	=	98	%	EPA 525.2	-88	-88	70	130	
2018/19-2	Lab	LCS dup	12/14/2018	Pesticide	EPTC	n/a	=	5.05	µg/L	EPA 525.2	0.017	1			
2018/19-2	Lab	LCS dup, rec	12/14/2018	Pesticide	EPTC	n/a	=	101	%	EPA 525.2	-88	-88	70	130	
2018/19-2	Lab	LCS, RPD	12/14/2018	Pesticide	EPTC	n/a	=	3	%	EPA 525.2	-88	-88	0	30	
2018/19-2	Lab	method blank	12/15/2018	Pesticide	EPTC	n/a	<	0.017	µg/L	EPA 525.2	0.017	1			
2018/19-2	Lab	LCS	12/15/2018	Pesticide	EPTC	n/a	=	4.96	µg/L	EPA 525.2	0.017	1			
2018/19-2	Lab	LCS, rec	12/15/2018	Pesticide	EPTC	n/a	=	99	%	EPA 525.2	-88	-88	70	130	
2018/19-2	Lab	LCS dup	12/15/2018	Pesticide	EPTC	n/a	=	4.99	µg/L	EPA 525.2	0.017	1			
2018/19-2	Lab	LCS dup, rec	12/15/2018	Pesticide	EPTC	n/a	=	100	%	EPA 525.2	-88	-88	70	130	
2018/19-2	Lab	LCS, RPD	12/15/2018	Pesticide	EPTC	n/a	=	0.7	%	EPA 525.2	-88	-88	0	30	
2018/19-2	Lab	method blank	12/19/2018	Pesticide	EPTC	n/a	<	0.017	µg/L	EPA 525.2	0.017	1			
2018/19-2	Lab	LCS	12/19/2018	Pesticide	EPTC	n/a	=	4.77	µg/L	EPA 525.2	0.017	1			

Appendix F
Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2018/19-2	Lab	LCS, rec	12/19/2018	Pesticide	EPTC	n/a	=	95	%	EPA 525.2	-88	-88	70	130	
2018/19-2	Lab	LCS dup	12/19/2018	Pesticide	EPTC	n/a	=	4.91	µg/L	EPA 525.2	0.017	1			
2018/19-2	Lab	LCS dup, rec	12/19/2018	Pesticide	EPTC	n/a	=	98	%	EPA 525.2	-88	-88	70	130	
2018/19-2	Lab	LCS, RPD	12/19/2018	Pesticide	EPTC	n/a	=	3	%	EPA 525.2	-88	-88	0	30	
2018/19-2	000NONPJ	matrix spike	12/19/2018	Pesticide	Ethoprop	n/a	=	0.0467	µg/L	EPA 525.2m	0.0067	0.01			
2018/19-2	000NONPJ	matrix spike, rec	12/19/2018	Pesticide	Ethoprop	n/a	=	93	%	EPA 525.2m	-88	-88	51	167	
2018/19-2	000NONPJ	matrix spike dup	12/19/2018	Pesticide	Ethoprop	n/a	=	0.0429	µg/L	EPA 525.2m	0.0067	0.01			
2018/19-2	000NONPJ	matrix spike dup, rec	12/19/2018	Pesticide	Ethoprop	n/a	=	86	%	EPA 525.2m	-88	-88	51	167	
2018/19-2	000NONPJ	matrix spike, RPD	12/19/2018	Pesticide	Ethoprop	n/a	=	8	%	EPA 525.2m	-88	-88	0	30	
2018/19-2	000NONPJ	matrix spike	12/20/2018	Pesticide	Ethoprop	n/a	=	0.103	µg/L	EPA 525.2m	0.0067	0.01			GB
2018/19-2	000NONPJ	matrix spike, rec	12/20/2018	Pesticide	Ethoprop	n/a	=	207	%	EPA 525.2m	-88	-88	51	167	GB
2018/19-2	000NONPJ	matrix spike dup	12/20/2018	Pesticide	Ethoprop	n/a	=	0.0774	µg/L	EPA 525.2m	0.0067	0.01			
2018/19-2	000NONPJ	matrix spike dup, rec	12/20/2018	Pesticide	Ethoprop	n/a	=	155	%	EPA 525.2m	-88	-88	51	167	
2018/19-2	000NONPJ	matrix spike, RPD	12/20/2018	Pesticide	Ethoprop	n/a	=	29	%	EPA 525.2m	-88	-88	0	30	
2018/19-2	Lab	method blank	12/19/2018	Pesticide	Ethoprop	n/a	<	0.0067	µg/L	EPA 525.2m	0.0067	0.01			
2018/19-2	Lab	LCS	12/19/2018	Pesticide	Ethoprop	n/a	=	0.0441	µg/L	EPA 525.2m	0.0067	0.01			
2018/19-2	Lab	LCS, rec	12/19/2018	Pesticide	Ethoprop	n/a	=	88	%	EPA 525.2m	-88	-88	53	163	
2018/19-2	Lab	method blank	12/20/2018	Pesticide	Ethoprop	n/a	<	0.0067	µg/L	EPA 525.2m	0.0067	0.01			
2018/19-2	Lab	LCS	12/20/2018	Pesticide	Ethoprop	n/a	=	0.0465	µg/L	EPA 525.2m	0.0067	0.01			
2018/19-2	Lab	LCS, rec	12/20/2018	Pesticide	Ethoprop	n/a	=	93	%	EPA 525.2m	-88	-88	53	163	
2018/19-2	000NONPJ	matrix spike	12/19/2018	Pesticide	Ethyl parathion	n/a	=	0.0444	µg/L	EPA 525.2m	0.0054	0.01			
2018/19-2	000NONPJ	matrix spike, rec	12/19/2018	Pesticide	Ethyl parathion	n/a	=	89	%	EPA 525.2m	-88	-88	5	229	
2018/19-2	000NONPJ	matrix spike dup	12/19/2018	Pesticide	Ethyl parathion	n/a	=	0.0486	µg/L	EPA 525.2m	0.0054	0.01			
2018/19-2	000NONPJ	matrix spike dup, rec	12/19/2018	Pesticide	Ethyl parathion	n/a	=	97	%	EPA 525.2m	-88	-88	5	229	
2018/19-2	000NONPJ	matrix spike, RPD	12/19/2018	Pesticide	Ethyl parathion	n/a	=	9	%	EPA 525.2m	-88	-88	0	30	
2018/19-2	000NONPJ	matrix spike	12/20/2018	Pesticide	Ethyl parathion	n/a	=	0.0608	µg/L	EPA 525.2m	0.0054	0.01			
2018/19-2	000NONPJ	matrix spike, rec	12/20/2018	Pesticide	Ethyl parathion	n/a	=	122	%	EPA 525.2m	-88	-88	5	229	
2018/19-2	000NONPJ	matrix spike dup	12/20/2018	Pesticide	Ethyl parathion	n/a	=	0.0573	µg/L	EPA 525.2m	0.0054	0.01			
2018/19-2	000NONPJ	matrix spike dup, rec	12/20/2018	Pesticide	Ethyl parathion	n/a	=	115	%	EPA 525.2m	-88	-88	5	229	
2018/19-2	000NONPJ	matrix spike, RPD	12/20/2018	Pesticide	Ethyl parathion	n/a	=	6	%	EPA 525.2m	-88	-88	0	30	
2018/19-2	Lab	method blank	12/19/2018	Pesticide	Ethyl parathion	n/a	<	0.0054	µg/L	EPA 525.2m	0.0054	0.01			
2018/19-2	Lab	LCS	12/19/2018	Pesticide	Ethyl parathion	n/a	=	0.047	µg/L	EPA 525.2m	0.0054	0.01			
2018/19-2	Lab	LCS, rec	12/19/2018	Pesticide	Ethyl parathion	n/a	=	94	%	EPA 525.2m	-88	-88	7	230	
2018/19-2	Lab	method blank	12/20/2018	Pesticide	Ethyl parathion	n/a	<	0.0054	µg/L	EPA 525.2m	0.0054	0.01			
2018/19-2	Lab	LCS	12/20/2018	Pesticide	Ethyl parathion	n/a	=	0.0414	µg/L	EPA 525.2m	0.0054	0.01			
2018/19-2	Lab	LCS, rec	12/20/2018	Pesticide	Ethyl parathion	n/a	=	83	%	EPA 525.2m	-88	-88	7	230	
2018/19-2	000NONPJ	matrix spike	12/19/2018	Pesticide	Fensulfothion	n/a	=	0.0462	µg/L	EPA 525.2m	0.0029	0.01			
2018/19-2	000NONPJ	matrix spike, rec	12/19/2018	Pesticide	Fensulfothion	n/a	=	92	%	EPA 525.2m	-88	-88	0.1	316	
2018/19-2	000NONPJ	matrix spike dup	12/19/2018	Pesticide	Fensulfothion	n/a	=	0.0539	µg/L	EPA 525.2m	0.0029	0.01			
2018/19-2	000NONPJ	matrix spike dup, rec	12/19/2018	Pesticide	Fensulfothion	n/a	=	108	%	EPA 525.2m	-88	-88	0.1	316	
2018/19-2	000NONPJ	matrix spike, RPD	12/19/2018	Pesticide	Fensulfothion	n/a	=	15	%	EPA 525.2m	-88	-88	0	30	
2018/19-2	000NONPJ	matrix spike	12/20/2018	Pesticide	Fensulfothion	n/a	=	0.121	µg/L	EPA 525.2m	0.0029	0.01			
2018/19-2	000NONPJ	matrix spike, rec	12/20/2018	Pesticide	Fensulfothion	n/a	=	243	%	EPA 525.2m	-88	-88	0.1	316	
2018/19-2	000NONPJ	matrix spike dup	12/20/2018	Pesticide	Fensulfothion	n/a	=	0.0681	µg/L	EPA 525.2m	0.0029	0.01			IL
2018/19-2	000NONPJ	matrix spike dup, rec	12/20/2018	Pesticide	Fensulfothion	n/a	=	136	%	EPA 525.2m	-88	-88	0.1	316	IL
2018/19-2	000NONPJ	matrix spike, RPD	12/20/2018	Pesticide	Fensulfothion	n/a	=	56	%	EPA 525.2m	-88	-88	0	30	IL
2018/19-2	Lab	method blank	12/19/2018	Pesticide	Fensulfothion	n/a	<	0.0029	µg/L	EPA 525.2m	0.0029	0.01			

Appendix F
Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2018/19-2	Lab	LCS	12/19/2018	Pesticide	Fensulfothion	n/a	=	0.0498	µg/L	EPA 525.2m	0.0029	0.01			
2018/19-2	Lab	LCS, rec	12/19/2018	Pesticide	Fensulfothion	n/a	=	100	%	EPA 525.2m	-88	-88	0.1	265	
2018/19-2	Lab	method blank	12/20/2018	Pesticide	Fensulfothion	n/a	<	0.0029	µg/L	EPA 525.2m	0.0029	0.01			
2018/19-2	Lab	LCS	12/20/2018	Pesticide	Fensulfothion	n/a	=	0.0351	µg/L	EPA 525.2m	0.0029	0.01			
2018/19-2	Lab	LCS, rec	12/20/2018	Pesticide	Fensulfothion	n/a	=	70	%	EPA 525.2m	-88	-88	0.1	265	
2018/19-2	000NONPJ	matrix spike	12/19/2018	Pesticide	Fenthion	n/a	=	0.048	µg/L	EPA 525.2m	0.0038	0.01			
2018/19-2	000NONPJ	matrix spike, rec	12/19/2018	Pesticide	Fenthion	n/a	=	96	%	EPA 525.2m	-88	-88	23	169	
2018/19-2	000NONPJ	matrix spike dup	12/19/2018	Pesticide	Fenthion	n/a	=	0.0522	µg/L	EPA 525.2m	0.0038	0.01			
2018/19-2	000NONPJ	matrix spike dup, rec	12/19/2018	Pesticide	Fenthion	n/a	=	104	%	EPA 525.2m	-88	-88	23	169	
2018/19-2	000NONPJ	matrix spike, RPD	12/19/2018	Pesticide	Fenthion	n/a	=	8	%	EPA 525.2m	-88	-88	0	30	
2018/19-2	000NONPJ	matrix spike	12/20/2018	Pesticide	Fenthion	n/a	=	0.0854	µg/L	EPA 525.2m	0.0038	0.01			GB
2018/19-2	000NONPJ	matrix spike, rec	12/20/2018	Pesticide	Fenthion	n/a	=	171	%	EPA 525.2m	-88	-88	23	169	GB
2018/19-2	000NONPJ	matrix spike dup	12/20/2018	Pesticide	Fenthion	n/a	=	0.0818	µg/L	EPA 525.2m	0.0038	0.01			
2018/19-2	000NONPJ	matrix spike dup, rec	12/20/2018	Pesticide	Fenthion	n/a	=	164	%	EPA 525.2m	-88	-88	23	169	
2018/19-2	000NONPJ	matrix spike, RPD	12/20/2018	Pesticide	Fenthion	n/a	=	4	%	EPA 525.2m	-88	-88	0	30	
2018/19-2	Lab	method blank	12/19/2018	Pesticide	Fenthion	n/a	<	0.0038	µg/L	EPA 525.2m	0.0038	0.01			
2018/19-2	Lab	LCS	12/19/2018	Pesticide	Fenthion	n/a	=	0.0514	µg/L	EPA 525.2m	0.0038	0.01			
2018/19-2	Lab	LCS, rec	12/19/2018	Pesticide	Fenthion	n/a	=	103	%	EPA 525.2m	-88	-88	20	177	
2018/19-2	Lab	method blank	12/20/2018	Pesticide	Fenthion	n/a	<	0.0038	µg/L	EPA 525.2m	0.0038	0.01			
2018/19-2	Lab	LCS	12/20/2018	Pesticide	Fenthion	n/a	=	0.0498	µg/L	EPA 525.2m	0.0038	0.01			
2018/19-2	Lab	LCS, rec	12/20/2018	Pesticide	Fenthion	n/a	=	100	%	EPA 525.2m	-88	-88	20	177	
2018/19-2	000NONPJ	matrix spike	12/26/2018	Pesticide	gamma-BHC (Lindane)	n/a	=	0.0524	µg/L	EPA 608	0.0021	0.02			
2018/19-2	000NONPJ	matrix spike, rec	12/26/2018	Pesticide	gamma-BHC (Lindane)	n/a	=	52	%	EPA 608	-88	-88	33	112	
2018/19-2	000NONPJ	matrix spike dup	12/26/2018	Pesticide	gamma-BHC (Lindane)	n/a	=	0.0445	µg/L	EPA 608	0.0021	0.02			
2018/19-2	000NONPJ	matrix spike dup, rec	12/26/2018	Pesticide	gamma-BHC (Lindane)	n/a	=	44	%	EPA 608	-88	-88	33	112	
2018/19-2	000NONPJ	matrix spike, RPD	12/26/2018	Pesticide	gamma-BHC (Lindane)	n/a	=	16	%	EPA 608	-88	-88	0	30	
2018/19-2	000NONPJ	matrix spike	12/26/2018	Pesticide	gamma-BHC (Lindane)	n/a	DNQ	0.0548	µg/L	EPA 608	0.042	0.4			
2018/19-2	000NONPJ	matrix spike, rec	12/26/2018	Pesticide	gamma-BHC (Lindane)	n/a	=	55	%	EPA 608	-88	-88	33	112	
2018/19-2	000NONPJ	matrix spike dup	12/27/2018	Pesticide	gamma-BHC (Lindane)	n/a	DNQ	0.0571	µg/L	EPA 608	0	0.4			
2018/19-2	000NONPJ	matrix spike dup, rec	12/27/2018	Pesticide	gamma-BHC (Lindane)	n/a	=	57	%	EPA 608	-88	-88	33	112	
2018/19-2	000NONPJ	matrix spike, RPD	12/27/2018	Pesticide	gamma-BHC (Lindane)	n/a	=	4	%	EPA 608	-88	-88	0	30	
2018/19-2	Lab	method blank	12/26/2018	Pesticide	gamma-BHC (Lindane)	n/a	<	0.0021	µg/L	EPA 608	0.0021	0.02			
2018/19-2	Lab	LCS	12/26/2018	Pesticide	gamma-BHC (Lindane)	n/a	=	0.0561	µg/L	EPA 608	0.0021	0.02			
2018/19-2	Lab	LCS, rec	12/26/2018	Pesticide	gamma-BHC (Lindane)	n/a	=	56	%	EPA 608	-88	-88	49	117	
2018/19-2	Lab	method blank	1/12/2019	Pesticide	gamma-BHC (Lindane)	n/a	<	0.0021	µg/L	EPA 608	0.0021	0.02			
2018/19-2	Lab	LCS	1/12/2019	Pesticide	gamma-BHC (Lindane)	n/a	=	0.0709	µg/L	EPA 608	0.0021	0.02			
2018/19-2	Lab	LCS, rec	1/12/2019	Pesticide	gamma-BHC (Lindane)	n/a	=	71	%	EPA 608	-88	-88	49	117	
2018/19-2	ME-VR2	matrix spike	1/12/2019	Pesticide	gamma-BHC (Lindane)	n/a	=	0.0445	µg/L	EPA 608	0.0021	0.02			
2018/19-2	ME-VR2	matrix spike, rec	1/12/2019	Pesticide	gamma-BHC (Lindane)	n/a	=	45	%	EPA 608	-88	-88	33	112	
2018/19-2	ME-VR2	matrix spike dup	1/12/2019	Pesticide	gamma-BHC (Lindane)	n/a	=	0.0615	µg/L	EPA 608	0.0021	0.02			IL
2018/19-2	ME-VR2	matrix spike dup, rec	1/12/2019	Pesticide	gamma-BHC (Lindane)	n/a	=	61	%	EPA 608	-88	-88	33	112	IL
2018/19-2	ME-VR2	matrix spike, RPD	1/12/2019	Pesticide	gamma-BHC (Lindane)	n/a	=	32	%	EPA 608	-88	-88	0	30	IL
2018/19-2	000NONPJ	matrix spike	12/7/2018	Pesticide	Glyphosate	n/a	=	294	µg/L	EPA 547	18	50			
2018/19-2	000NONPJ	matrix spike, rec	12/7/2018	Pesticide	Glyphosate	n/a	=	118	%	EPA 547	-88	-88	41	149	
2018/19-2	000NONPJ	matrix spike dup	12/7/2018	Pesticide	Glyphosate	n/a	=	284	µg/L	EPA 547	18	50			
2018/19-2	000NONPJ	matrix spike dup, rec	12/7/2018	Pesticide	Glyphosate	n/a	=	113	%	EPA 547	-88	-88	41	149	
2018/19-2	000NONPJ	matrix spike, RPD	12/7/2018	Pesticide	Glyphosate	n/a	=	4	%	EPA 547	-88	-88	0	30	

Appendix F
Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2018/19-2	000NONPJ	matrix spike	12/7/2018	Pesticide	Glyphosate	n/a	=	28.8	µg/L	EPA 547	1.8	5			
2018/19-2	000NONPJ	matrix spike, rec	12/7/2018	Pesticide	Glyphosate	n/a	=	115	%	EPA 547	-88	-88	41	149	
2018/19-2	000NONPJ	matrix spike dup	12/7/2018	Pesticide	Glyphosate	n/a	=	27.6	µg/L	EPA 547	1.8	5			
2018/19-2	000NONPJ	matrix spike dup, rec	12/7/2018	Pesticide	Glyphosate	n/a	=	110	%	EPA 547	-88	-88	41	149	
2018/19-2	000NONPJ	matrix spike, RPD	12/7/2018	Pesticide	Glyphosate	n/a	=	4	%	EPA 547	-88	-88	0	30	
2018/19-2	000NONPJ	matrix spike	12/10/2018	Pesticide	Glyphosate	n/a	=	26.3	µg/L	EPA 547	1.8	5			
2018/19-2	000NONPJ	matrix spike, rec	12/10/2018	Pesticide	Glyphosate	n/a	=	105	%	EPA 547	-88	-88	41	149	
2018/19-2	000NONPJ	matrix spike dup	12/10/2018	Pesticide	Glyphosate	n/a	=	27.4	µg/L	EPA 547	1.8	5			
2018/19-2	000NONPJ	matrix spike dup, rec	12/10/2018	Pesticide	Glyphosate	n/a	=	110	%	EPA 547	-88	-88	41	149	
2018/19-2	000NONPJ	matrix spike, RPD	12/10/2018	Pesticide	Glyphosate	n/a	=	4	%	EPA 547	-88	-88	0	30	
2018/19-2	000NONPJ	matrix spike	12/10/2018	Pesticide	Glyphosate	n/a	=	25.2	µg/L	EPA 547	1.8	5			
2018/19-2	000NONPJ	matrix spike, rec	12/10/2018	Pesticide	Glyphosate	n/a	=	101	%	EPA 547	-88	-88	41	149	
2018/19-2	000NONPJ	matrix spike dup	12/10/2018	Pesticide	Glyphosate	n/a	=	28.8	µg/L	EPA 547	1.8	5			
2018/19-2	000NONPJ	matrix spike dup, rec	12/10/2018	Pesticide	Glyphosate	n/a	=	115	%	EPA 547	-88	-88	41	149	
2018/19-2	000NONPJ	matrix spike, RPD	12/10/2018	Pesticide	Glyphosate	n/a	=	14	%	EPA 547	-88	-88	0	30	
2018/19-2	Lab	method blank	12/7/2018	Pesticide	Glyphosate	n/a	<	1.8	µg/L	EPA 547	1.8	5			
2018/19-2	Lab	LCS	12/7/2018	Pesticide	Glyphosate	n/a	=	27.2	µg/L	EPA 547	1.8	5			
2018/19-2	Lab	LCS, rec	12/7/2018	Pesticide	Glyphosate	n/a	=	109	%	EPA 547	-88	-88	70	130	
2018/19-2	Lab	LCS	12/10/2018	Pesticide	Glyphosate	n/a	=	26.6	µg/L	EPA 547	1.8	5			
2018/19-2	Lab	LCS, rec	12/10/2018	Pesticide	Glyphosate	n/a	=	107	%	EPA 547	-88	-88	70	130	
2018/19-2	Lab	method blank	12/10/2018	Pesticide	Glyphosate	n/a	<	1.8	µg/L	EPA 547	1.8	5			
2018/19-2	000NONPJ	matrix spike	12/26/2018	Pesticide	Heptachlor	n/a	=	0.0801	µg/L	EPA 608	0.0017	0.01			
2018/19-2	000NONPJ	matrix spike, rec	12/26/2018	Pesticide	Heptachlor	n/a	=	80	%	EPA 608	-88	-88	28	131	
2018/19-2	000NONPJ	matrix spike dup	12/26/2018	Pesticide	Heptachlor	n/a	=	0.0704	µg/L	EPA 608	0.0017	0.01			
2018/19-2	000NONPJ	matrix spike dup, rec	12/26/2018	Pesticide	Heptachlor	n/a	=	70	%	EPA 608	-88	-88	28	131	
2018/19-2	000NONPJ	matrix spike, RPD	12/26/2018	Pesticide	Heptachlor	n/a	=	13	%	EPA 608	-88	-88	0	30	
2018/19-2	000NONPJ	matrix spike	12/26/2018	Pesticide	Heptachlor	n/a	DNQ	0.0151	µg/L	EPA 608	0	0.2			GB
2018/19-2	000NONPJ	matrix spike, rec	12/26/2018	Pesticide	Heptachlor	n/a	=	15	%	EPA 608	-88	-88	28	131	GB
2018/19-2	000NONPJ	matrix spike dup	12/27/2018	Pesticide	Heptachlor	n/a	DNQ	0.0109	µg/L	EPA 608	0	0.2			GB,IL
2018/19-2	000NONPJ	matrix spike dup, rec	12/27/2018	Pesticide	Heptachlor	n/a	=	11	%	EPA 608	-88	-88	28	131	GB,IL
2018/19-2	000NONPJ	matrix spike, RPD	12/27/2018	Pesticide	Heptachlor	n/a	=	33	%	EPA 608	-88	-88	0	30	GB,IL
2018/19-2	Lab	method blank	12/26/2018	Pesticide	Heptachlor	n/a	<	0.0017	µg/L	EPA 608	0.0017	0.01			
2018/19-2	Lab	LCS	12/26/2018	Pesticide	Heptachlor	n/a	=	0.0616	µg/L	EPA 608	0.0017	0.01			
2018/19-2	Lab	LCS, rec	12/26/2018	Pesticide	Heptachlor	n/a	=	62	%	EPA 608	-88	-88	31	130	
2018/19-2	Lab	method blank	1/12/2019	Pesticide	Heptachlor	n/a	<	0.0017	µg/L	EPA 608	0.0017	0.01			
2018/19-2	Lab	LCS	1/12/2019	Pesticide	Heptachlor	n/a	=	0.0722	µg/L	EPA 608	0.0017	0.01			
2018/19-2	Lab	LCS, rec	1/12/2019	Pesticide	Heptachlor	n/a	=	72	%	EPA 608	-88	-88	31	130	
2018/19-2	ME-VR2	matrix spike	1/12/2019	Pesticide	Heptachlor	n/a	=	0.0513	µg/L	EPA 608	0.0017	0.01			
2018/19-2	ME-VR2	matrix spike, rec	1/12/2019	Pesticide	Heptachlor	n/a	=	51	%	EPA 608	-88	-88	28	131	
2018/19-2	ME-VR2	matrix spike dup	1/12/2019	Pesticide	Heptachlor	n/a	=	0.0717	µg/L	EPA 608	0.0017	0.01			IL
2018/19-2	ME-VR2	matrix spike dup, rec	1/12/2019	Pesticide	Heptachlor	n/a	=	72	%	EPA 608	-88	-88	28	131	IL
2018/19-2	ME-VR2	matrix spike, RPD	1/12/2019	Pesticide	Heptachlor	n/a	=	33	%	EPA 608	-88	-88	0	30	IL
2018/19-2	000NONPJ	matrix spike	12/26/2018	Pesticide	Heptachlor epoxide	n/a	=	0.0647	µg/L	EPA 608	0.0019	0.01			
2018/19-2	000NONPJ	matrix spike, rec	12/26/2018	Pesticide	Heptachlor epoxide	n/a	=	65	%	EPA 608	-88	-88	36	117	
2018/19-2	000NONPJ	matrix spike dup	12/26/2018	Pesticide	Heptachlor epoxide	n/a	=	0.0561	µg/L	EPA 608	0.0019	0.01			
2018/19-2	000NONPJ	matrix spike dup, rec	12/26/2018	Pesticide	Heptachlor epoxide	n/a	=	56	%	EPA 608	-88	-88	36	117	
2018/19-2	000NONPJ	matrix spike, RPD	12/26/2018	Pesticide	Heptachlor epoxide	n/a	=	14	%	EPA 608	-88	-88	0	30	

Appendix F
Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2018/19-2	000NONPJ	matrix spike	12/26/2018	Pesticide	Heptachlor epoxide	n/a	DNQ	0.0165	µg/L	EPA 608	0	0.2			GB
2018/19-2	000NONPJ	matrix spike, rec	12/26/2018	Pesticide	Heptachlor epoxide	n/a	=	16	%	EPA 608	-88	-88	36	117	GB
2018/19-2	000NONPJ	matrix spike dup	12/27/2018	Pesticide	Heptachlor epoxide	n/a	DNQ	0.0159	µg/L	EPA 608	0	0.2			GB
2018/19-2	000NONPJ	matrix spike dup, rec	12/27/2018	Pesticide	Heptachlor epoxide	n/a	=	16	%	EPA 608	-88	-88	36	117	GB
2018/19-2	000NONPJ	matrix spike, RPD	12/27/2018	Pesticide	Heptachlor epoxide	n/a	=	4	%	EPA 608	-88	-88	0	30	
2018/19-2	Lab	method blank	12/26/2018	Pesticide	Heptachlor epoxide	n/a	<	0.0019	µg/L	EPA 608	0.0019	0.01			
2018/19-2	Lab	LCS	12/26/2018	Pesticide	Heptachlor epoxide	n/a	=	0.0734	µg/L	EPA 608	0.0019	0.01			
2018/19-2	Lab	LCS, rec	12/26/2018	Pesticide	Heptachlor epoxide	n/a	=	73	%	EPA 608	-88	-88	49	122	
2018/19-2	Lab	method blank	1/12/2019	Pesticide	Heptachlor epoxide	n/a	<	0.0019	µg/L	EPA 608	0.0019	0.01			
2018/19-2	Lab	LCS	1/12/2019	Pesticide	Heptachlor epoxide	n/a	=	0.0782	µg/L	EPA 608	0.0019	0.01			
2018/19-2	Lab	LCS, rec	1/12/2019	Pesticide	Heptachlor epoxide	n/a	=	78	%	EPA 608	-88	-88	49	122	
2018/19-2	ME-VR2	matrix spike	1/12/2019	Pesticide	Heptachlor epoxide	n/a	=	0.0541	µg/L	EPA 608	0.0019	0.01			
2018/19-2	ME-VR2	matrix spike, rec	1/12/2019	Pesticide	Heptachlor epoxide	n/a	=	54	%	EPA 608	-88	-88	36	117	
2018/19-2	ME-VR2	matrix spike dup	1/12/2019	Pesticide	Heptachlor epoxide	n/a	=	0.0754	µg/L	EPA 608	0.0019	0.01			IL
2018/19-2	ME-VR2	matrix spike dup, rec	1/12/2019	Pesticide	Heptachlor epoxide	n/a	=	75	%	EPA 608	-88	-88	36	117	IL
2018/19-2	ME-VR2	matrix spike, RPD	1/12/2019	Pesticide	Heptachlor epoxide	n/a	=	33	%	EPA 608	-88	-88	0	30	IL
2018/19-2	000NONPJ	matrix spike	12/19/2018	Pesticide	Malathion	n/a	=	0.0468	µg/L	EPA 525.2m	0.0076	0.01			
2018/19-2	000NONPJ	matrix spike, rec	12/19/2018	Pesticide	Malathion	n/a	=	94	%	EPA 525.2m	-88	-88	6	184	
2018/19-2	000NONPJ	matrix spike dup	12/19/2018	Pesticide	Malathion	n/a	=	0.0484	µg/L	EPA 525.2m	0.0076	0.01			
2018/19-2	000NONPJ	matrix spike dup, rec	12/19/2018	Pesticide	Malathion	n/a	=	97	%	EPA 525.2m	-88	-88	6	184	
2018/19-2	000NONPJ	matrix spike, RPD	12/19/2018	Pesticide	Malathion	n/a	=	4	%	EPA 525.2m	-88	-88	0	30	
2018/19-2	000NONPJ	matrix spike	12/20/2018	Pesticide	Malathion	n/a	=	0.252	µg/L	EPA 525.2m	0.0076	0.01			GB
2018/19-2	000NONPJ	matrix spike, rec	12/20/2018	Pesticide	Malathion	n/a	=	263	%	EPA 525.2m	-88	-88	6	184	GB
2018/19-2	000NONPJ	matrix spike dup	12/20/2018	Pesticide	Malathion	n/a	=	0.186	µg/L	EPA 525.2m	0.0076	0.01			
2018/19-2	000NONPJ	matrix spike dup, rec	12/20/2018	Pesticide	Malathion	n/a	=	131	%	EPA 525.2m	-88	-88	6	184	
2018/19-2	000NONPJ	matrix spike, RPD	12/20/2018	Pesticide	Malathion	n/a	=	30	%	EPA 525.2m	-88	-88	0	30	
2018/19-2	Lab	method blank	12/19/2018	Pesticide	Malathion	n/a	<	0.0076	µg/L	EPA 525.2m	0.0076	0.01			
2018/19-2	Lab	LCS	12/19/2018	Pesticide	Malathion	n/a	=	0.0503	µg/L	EPA 525.2m	0.0076	0.01			
2018/19-2	Lab	LCS, rec	12/19/2018	Pesticide	Malathion	n/a	=	101	%	EPA 525.2m	-88	-88	14	175	
2018/19-2	Lab	method blank	12/20/2018	Pesticide	Malathion	n/a	<	0.0076	µg/L	EPA 525.2m	0.0076	0.01			
2018/19-2	Lab	LCS	12/20/2018	Pesticide	Malathion	n/a	=	0.044	µg/L	EPA 525.2m	0.0076	0.01			
2018/19-2	Lab	LCS, rec	12/20/2018	Pesticide	Malathion	n/a	=	88	%	EPA 525.2m	-88	-88	14	175	
2018/19-2	000NONPJ	matrix spike	12/19/2018	Pesticide	Merphos	n/a	=	0.0334	µg/L	EPA 525.2m	0.0058	0.01			
2018/19-2	000NONPJ	matrix spike, rec	12/19/2018	Pesticide	Merphos	n/a	=	67	%	EPA 525.2m	-88	-88	3	210	
2018/19-2	000NONPJ	matrix spike dup	12/19/2018	Pesticide	Merphos	n/a	=	0.0282	µg/L	EPA 525.2m	0.0058	0.01			
2018/19-2	000NONPJ	matrix spike dup, rec	12/19/2018	Pesticide	Merphos	n/a	=	56	%	EPA 525.2m	-88	-88	3	210	
2018/19-2	000NONPJ	matrix spike, RPD	12/19/2018	Pesticide	Merphos	n/a	=	17	%	EPA 525.2m	-88	-88	0	30	
2018/19-2	000NONPJ	matrix spike	12/20/2018	Pesticide	Merphos	n/a	=	0.0423	µg/L	EPA 525.2m	0.0058	0.01			
2018/19-2	000NONPJ	matrix spike, rec	12/20/2018	Pesticide	Merphos	n/a	=	85	%	EPA 525.2m	-88	-88	3	210	
2018/19-2	000NONPJ	matrix spike dup	12/20/2018	Pesticide	Merphos	n/a	=	0.0252	µg/L	EPA 525.2m	0.0058	0.01			
2018/19-2	000NONPJ	matrix spike dup, rec	12/20/2018	Pesticide	Merphos	n/a	=	50	%	EPA 525.2m	-88	-88	3	210	
2018/19-2	000NONPJ	matrix spike, RPD	12/20/2018	Pesticide	Merphos	n/a	=	51	%	EPA 525.2m	-88	-88	0	30	IL
2018/19-2	Lab	method blank	12/19/2018	Pesticide	Merphos	n/a	<	0.0058	µg/L	EPA 525.2m	0.0058	0.01			
2018/19-2	Lab	LCS	12/19/2018	Pesticide	Merphos	n/a	=	0.0337	µg/L	EPA 525.2m	0.0058	0.01			
2018/19-2	Lab	LCS, rec	12/19/2018	Pesticide	Merphos	n/a	=	67	%	EPA 525.2m	-88	-88	28	181	
2018/19-2	Lab	method blank	12/20/2018	Pesticide	Merphos	n/a	<	0.0058	µg/L	EPA 525.2m	0.0058	0.01			
2018/19-2	Lab	LCS	12/20/2018	Pesticide	Merphos	n/a	=	0.0337	µg/L	EPA 525.2m	0.0058	0.01			

Appendix F
Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2018/19-2	Lab	LCS, rec	12/20/2018	Pesticide	Merphos	n/a	=	67	%	EPA 525.2m	-88	-88	28	181	
2018/19-2	000NONPJ	matrix spike	12/19/2018	Pesticide	Methyl parathion	n/a	=	0.0458	µg/L	EPA 525.2m	0.0063	0.01			
2018/19-2	000NONPJ	matrix spike, rec	12/19/2018	Pesticide	Methyl parathion	n/a	=	92	%	EPA 525.2m	-88	-88	0.1	249	
2018/19-2	000NONPJ	matrix spike dup	12/19/2018	Pesticide	Methyl parathion	n/a	=	0.0496	µg/L	EPA 525.2m	0.0063	0.01			
2018/19-2	000NONPJ	matrix spike dup, rec	12/19/2018	Pesticide	Methyl parathion	n/a	=	99	%	EPA 525.2m	-88	-88	0.1	249	
2018/19-2	000NONPJ	matrix spike, RPD	12/19/2018	Pesticide	Methyl parathion	n/a	=	8	%	EPA 525.2m	-88	-88	0	30	
2018/19-2	000NONPJ	matrix spike	12/20/2018	Pesticide	Methyl parathion	n/a	=	0.0718	µg/L	EPA 525.2m	0.0063	0.01			
2018/19-2	000NONPJ	matrix spike, rec	12/20/2018	Pesticide	Methyl parathion	n/a	=	144	%	EPA 525.2m	-88	-88	0.1	249	
2018/19-2	000NONPJ	matrix spike dup	12/20/2018	Pesticide	Methyl parathion	n/a	=	0.0596	µg/L	EPA 525.2m	0.0063	0.01			
2018/19-2	000NONPJ	matrix spike dup, rec	12/20/2018	Pesticide	Methyl parathion	n/a	=	119	%	EPA 525.2m	-88	-88	0.1	249	
2018/19-2	000NONPJ	matrix spike, RPD	12/20/2018	Pesticide	Methyl parathion	n/a	=	19	%	EPA 525.2m	-88	-88	0	30	
2018/19-2	Lab	method blank	12/19/2018	Pesticide	Methyl parathion	n/a	<	0.0063	µg/L	EPA 525.2m	0.0063	0.01			
2018/19-2	Lab	LCS	12/19/2018	Pesticide	Methyl parathion	n/a	=	0.0497	µg/L	EPA 525.2m	0.0063	0.01			
2018/19-2	Lab	LCS, rec	12/19/2018	Pesticide	Methyl parathion	n/a	=	99	%	EPA 525.2m	-88	-88	0.1	252	
2018/19-2	Lab	method blank	12/20/2018	Pesticide	Methyl parathion	n/a	<	0.0063	µg/L	EPA 525.2m	0.0063	0.01			
2018/19-2	Lab	LCS	12/20/2018	Pesticide	Methyl parathion	n/a	=	0.043	µg/L	EPA 525.2m	0.0063	0.01			
2018/19-2	Lab	LCS, rec	12/20/2018	Pesticide	Methyl parathion	n/a	=	86	%	EPA 525.2m	-88	-88	0.1	252	
2018/19-2	Lab	method blank	12/14/2018	Pesticide	Metolachlor	n/a	<	0.012	µg/L	EPA 525.2	0.012	0.1			
2018/19-2	Lab	LCS	12/14/2018	Pesticide	Metolachlor	n/a	=	5.43	µg/L	EPA 525.2	0.012	0.1			
2018/19-2	Lab	LCS, rec	12/14/2018	Pesticide	Metolachlor	n/a	=	109	%	EPA 525.2	-88	-88	60	130	
2018/19-2	Lab	LCS dup	12/14/2018	Pesticide	Metolachlor	n/a	=	5.46	µg/L	EPA 525.2	0.012	0.1			
2018/19-2	Lab	LCS dup, rec	12/14/2018	Pesticide	Metolachlor	n/a	=	109	%	EPA 525.2	-88	-88	60	130	
2018/19-2	Lab	LCS, RPD	12/14/2018	Pesticide	Metolachlor	n/a	=	0.4	%	EPA 525.2	-88	-88	0	30	
2018/19-2	Lab	method blank	12/15/2018	Pesticide	Metolachlor	n/a	<	0.012	µg/L	EPA 525.2	0.012	0.1			
2018/19-2	Lab	LCS	12/15/2018	Pesticide	Metolachlor	n/a	=	5.18	µg/L	EPA 525.2	0.012	0.1			
2018/19-2	Lab	LCS, rec	12/15/2018	Pesticide	Metolachlor	n/a	=	104	%	EPA 525.2	-88	-88	60	130	
2018/19-2	Lab	LCS dup	12/15/2018	Pesticide	Metolachlor	n/a	=	5.31	µg/L	EPA 525.2	0.012	0.1			
2018/19-2	Lab	LCS dup, rec	12/15/2018	Pesticide	Metolachlor	n/a	=	106	%	EPA 525.2	-88	-88	60	130	
2018/19-2	Lab	LCS, RPD	12/15/2018	Pesticide	Metolachlor	n/a	=	2	%	EPA 525.2	-88	-88	0	30	
2018/19-2	Lab	method blank	12/19/2018	Pesticide	Metolachlor	n/a	<	0.012	µg/L	EPA 525.2	0.012	0.1			
2018/19-2	Lab	LCS	12/19/2018	Pesticide	Metolachlor	n/a	=	5.26	µg/L	EPA 525.2	0.012	0.1			
2018/19-2	Lab	LCS, rec	12/19/2018	Pesticide	Metolachlor	n/a	=	105	%	EPA 525.2	-88	-88	60	130	
2018/19-2	Lab	LCS dup	12/19/2018	Pesticide	Metolachlor	n/a	=	5.2	µg/L	EPA 525.2	0.012	0.1			
2018/19-2	Lab	LCS dup, rec	12/19/2018	Pesticide	Metolachlor	n/a	=	104	%	EPA 525.2	-88	-88	60	130	
2018/19-2	Lab	LCS, RPD	12/19/2018	Pesticide	Metolachlor	n/a	=	1	%	EPA 525.2	-88	-88	0	30	
2018/19-2	Lab	method blank	12/14/2018	Pesticide	Metribuzin	n/a	<	0.015	µg/L	EPA 525.2	0.015	0.1			
2018/19-2	Lab	LCS	12/14/2018	Pesticide	Metribuzin	n/a	=	4.46	µg/L	EPA 525.2	0.015	0.1			
2018/19-2	Lab	LCS, rec	12/14/2018	Pesticide	Metribuzin	n/a	=	89	%	EPA 525.2	-88	-88	50	120	
2018/19-2	Lab	LCS dup	12/14/2018	Pesticide	Metribuzin	n/a	=	5.02	µg/L	EPA 525.2	0.015	0.1			
2018/19-2	Lab	LCS dup, rec	12/14/2018	Pesticide	Metribuzin	n/a	=	100	%	EPA 525.2	-88	-88	50	120	
2018/19-2	Lab	LCS, RPD	12/14/2018	Pesticide	Metribuzin	n/a	=	12	%	EPA 525.2	-88	-88	0	30	
2018/19-2	Lab	method blank	12/15/2018	Pesticide	Metribuzin	n/a	<	0.015	µg/L	EPA 525.2	0.015	0.1			
2018/19-2	Lab	LCS	12/15/2018	Pesticide	Metribuzin	n/a	=	4.96	µg/L	EPA 525.2	0.015	0.1			
2018/19-2	Lab	LCS, rec	12/15/2018	Pesticide	Metribuzin	n/a	=	99	%	EPA 525.2	-88	-88	50	120	
2018/19-2	Lab	LCS dup	12/15/2018	Pesticide	Metribuzin	n/a	=	4.72	µg/L	EPA 525.2	0.015	0.1			
2018/19-2	Lab	LCS dup, rec	12/15/2018	Pesticide	Metribuzin	n/a	=	94	%	EPA 525.2	-88	-88	50	120	
2018/19-2	Lab	LCS, RPD	12/15/2018	Pesticide	Metribuzin	n/a	=	5	%	EPA 525.2	-88	-88	0	30	

Appendix F
Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2018/19-2	Lab	method blank	12/19/2018	Pesticide	Metribuzin	n/a	<	0.015	µg/L	EPA 525.2	0.015	0.1			
2018/19-2	Lab	LCS	12/19/2018	Pesticide	Metribuzin	n/a	=	5.45	µg/L	EPA 525.2	0.015	0.1			
2018/19-2	Lab	LCS, rec	12/19/2018	Pesticide	Metribuzin	n/a	=	109	%	EPA 525.2	-88	-88	50	120	
2018/19-2	Lab	LCS dup	12/19/2018	Pesticide	Metribuzin	n/a	=	5.27	µg/L	EPA 525.2	0.015	0.1			
2018/19-2	Lab	LCS dup, rec	12/19/2018	Pesticide	Metribuzin	n/a	=	105	%	EPA 525.2	-88	-88	50	120	
2018/19-2	Lab	LCS, RPD	12/19/2018	Pesticide	Metribuzin	n/a	=	3	%	EPA 525.2	-88	-88	0	30	
2018/19-2	000NONPJ	matrix spike	12/19/2018	Pesticide	Mevinphos	n/a	=	0.0339	µg/L	EPA 525.2m	0.0042	0.01			
2018/19-2	000NONPJ	matrix spike, rec	12/19/2018	Pesticide	Mevinphos	n/a	=	68	%	EPA 525.2m	-88	-88	25	189	
2018/19-2	000NONPJ	matrix spike dup	12/19/2018	Pesticide	Mevinphos	n/a	=	0.0363	µg/L	EPA 525.2m	0.0042	0.01			
2018/19-2	000NONPJ	matrix spike dup, rec	12/19/2018	Pesticide	Mevinphos	n/a	=	73	%	EPA 525.2m	-88	-88	25	189	
2018/19-2	000NONPJ	matrix spike, RPD	12/19/2018	Pesticide	Mevinphos	n/a	=	7	%	EPA 525.2m	-88	-88	0	30	
2018/19-2	000NONPJ	matrix spike	12/20/2018	Pesticide	Mevinphos	n/a	=	0.0761	µg/L	EPA 525.2m	0.0042	0.01			
2018/19-2	000NONPJ	matrix spike, rec	12/20/2018	Pesticide	Mevinphos	n/a	=	152	%	EPA 525.2m	-88	-88	25	189	
2018/19-2	000NONPJ	matrix spike dup	12/20/2018	Pesticide	Mevinphos	n/a	=	0.0582	µg/L	EPA 525.2m	0.0042	0.01			
2018/19-2	000NONPJ	matrix spike dup, rec	12/20/2018	Pesticide	Mevinphos	n/a	=	116	%	EPA 525.2m	-88	-88	25	189	
2018/19-2	000NONPJ	matrix spike, RPD	12/20/2018	Pesticide	Mevinphos	n/a	=	27	%	EPA 525.2m	-88	-88	0	30	
2018/19-2	Lab	method blank	12/19/2018	Pesticide	Mevinphos	n/a	<	0.0042	µg/L	EPA 525.2m	0.0042	0.01			
2018/19-2	Lab	LCS	12/19/2018	Pesticide	Mevinphos	n/a	=	0.0322	µg/L	EPA 525.2m	0.0042	0.01			
2018/19-2	Lab	LCS, rec	12/19/2018	Pesticide	Mevinphos	n/a	=	64	%	EPA 525.2m	-88	-88	14	202	
2018/19-2	Lab	method blank	12/20/2018	Pesticide	Mevinphos	n/a	<	0.0042	µg/L	EPA 525.2m	0.0042	0.01			
2018/19-2	Lab	LCS	12/20/2018	Pesticide	Mevinphos	n/a	=	0.0336	µg/L	EPA 525.2m	0.0042	0.01			
2018/19-2	Lab	LCS, rec	12/20/2018	Pesticide	Mevinphos	n/a	=	67	%	EPA 525.2m	-88	-88	14	202	
2018/19-2	Lab	method blank	12/14/2018	Pesticide	Molinate	n/a	<	0.039	µg/L	EPA 525.2	0.039	0.1			
2018/19-2	Lab	LCS	12/14/2018	Pesticide	Molinate	n/a	=	4.86	µg/L	EPA 525.2	0.039	0.1			
2018/19-2	Lab	LCS, rec	12/14/2018	Pesticide	Molinate	n/a	=	97	%	EPA 525.2	-88	-88	70	130	
2018/19-2	Lab	LCS dup	12/14/2018	Pesticide	Molinate	n/a	=	4.9	µg/L	EPA 525.2	0.039	0.1			
2018/19-2	Lab	LCS dup, rec	12/14/2018	Pesticide	Molinate	n/a	=	98	%	EPA 525.2	-88	-88	70	130	
2018/19-2	Lab	LCS, RPD	12/14/2018	Pesticide	Molinate	n/a	=	0.9	%	EPA 525.2	-88	-88	0	30	
2018/19-2	Lab	method blank	12/15/2018	Pesticide	Molinate	n/a	<	0.039	µg/L	EPA 525.2	0.039	0.1			
2018/19-2	Lab	LCS	12/15/2018	Pesticide	Molinate	n/a	=	4.81	µg/L	EPA 525.2	0.039	0.1			
2018/19-2	Lab	LCS, rec	12/15/2018	Pesticide	Molinate	n/a	=	96	%	EPA 525.2	-88	-88	70	130	
2018/19-2	Lab	LCS dup	12/15/2018	Pesticide	Molinate	n/a	=	4.84	µg/L	EPA 525.2	0.039	0.1			
2018/19-2	Lab	LCS dup, rec	12/15/2018	Pesticide	Molinate	n/a	=	97	%	EPA 525.2	-88	-88	70	130	
2018/19-2	Lab	LCS, RPD	12/15/2018	Pesticide	Molinate	n/a	=	0.7	%	EPA 525.2	-88	-88	0	30	
2018/19-2	Lab	method blank	12/19/2018	Pesticide	Molinate	n/a	<	0.039	µg/L	EPA 525.2	0.039	0.1			
2018/19-2	Lab	LCS	12/19/2018	Pesticide	Molinate	n/a	=	4.75	µg/L	EPA 525.2	0.039	0.1			
2018/19-2	Lab	LCS, rec	12/19/2018	Pesticide	Molinate	n/a	=	95	%	EPA 525.2	-88	-88	70	130	
2018/19-2	Lab	LCS dup	12/19/2018	Pesticide	Molinate	n/a	=	4.85	µg/L	EPA 525.2	0.039	0.1			
2018/19-2	Lab	LCS dup, rec	12/19/2018	Pesticide	Molinate	n/a	=	97	%	EPA 525.2	-88	-88	70	130	
2018/19-2	Lab	LCS, RPD	12/19/2018	Pesticide	Molinate	n/a	=	2	%	EPA 525.2	-88	-88	0	30	
2018/19-2	000NONPJ	matrix spike	12/19/2018	Pesticide	Naled	n/a	=	0.0387	µg/L	EPA 525.2m	0.0076	0.01			
2018/19-2	000NONPJ	matrix spike, rec	12/19/2018	Pesticide	Naled	n/a	=	77	%	EPA 525.2m	-88	-88	0.1	242	
2018/19-2	000NONPJ	matrix spike dup	12/19/2018	Pesticide	Naled	n/a	=	0.0264	µg/L	EPA 525.2m	0.0076	0.01			IL
2018/19-2	000NONPJ	matrix spike dup, rec	12/19/2018	Pesticide	Naled	n/a	=	53	%	EPA 525.2m	-88	-88	0.1	242	IL
2018/19-2	000NONPJ	matrix spike, RPD	12/19/2018	Pesticide	Naled	n/a	=	38	%	EPA 525.2m	-88	-88	0	30	IL
2018/19-2	000NONPJ	matrix spike	12/20/2018	Pesticide	Naled	n/a	=	0.0877	µg/L	EPA 525.2m	0.0076	0.01			
2018/19-2	000NONPJ	matrix spike, rec	12/20/2018	Pesticide	Naled	n/a	=	175	%	EPA 525.2m	-88	-88	0.1	242	

Appendix F
Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2018/19-2	000NONPJ	matrix spike dup	12/20/2018	Pesticide	Naled	n/a	=	0.0543	µg/L	EPA 525.2m	0.0076	0.01			IL
2018/19-2	000NONPJ	matrix spike dup, rec	12/20/2018	Pesticide	Naled	n/a	=	109	%	EPA 525.2m	-88	-88	0.1	242	IL
2018/19-2	000NONPJ	matrix spike, RPD	12/20/2018	Pesticide	Naled	n/a	=	47	%	EPA 525.2m	-88	-88	0	30	IL
2018/19-2	Lab	method blank	12/19/2018	Pesticide	Naled	n/a	<	0.0076	µg/L	EPA 525.2m	0.0076	0.01			
2018/19-2	Lab	LCS	12/19/2018	Pesticide	Naled	n/a	=	0.0213	µg/L	EPA 525.2m	0.0076	0.01			
2018/19-2	Lab	LCS, rec	12/19/2018	Pesticide	Naled	n/a	=	43	%	EPA 525.2m	-88	-88	0.1	240	
2018/19-2	Lab	method blank	12/20/2018	Pesticide	Naled	n/a	<	0.0076	µg/L	EPA 525.2m	0.0076	0.01			
2018/19-2	Lab	LCS	12/20/2018	Pesticide	Naled	n/a	=	0.0358	µg/L	EPA 525.2m	0.0076	0.01			
2018/19-2	Lab	LCS, rec	12/20/2018	Pesticide	Naled	n/a	=	72	%	EPA 525.2m	-88	-88	0.1	240	
2018/19-2	000NONPJ	matrix spike	12/18/2018	Pesticide	Pentachlorophenol	n/a	=	3.45	µg/L	EPA 515.3	0.04	0.2			
2018/19-2	000NONPJ	matrix spike, rec	12/18/2018	Pesticide	Pentachlorophenol	n/a	=	86	%	EPA 515.3	-88	-88	70	130	
2018/19-2	000NONPJ	matrix spike dup	12/18/2018	Pesticide	Pentachlorophenol	n/a	=	3.34	µg/L	EPA 515.3	0.04	0.2			
2018/19-2	000NONPJ	matrix spike dup, rec	12/18/2018	Pesticide	Pentachlorophenol	n/a	=	83	%	EPA 515.3	-88	-88	70	130	
2018/19-2	000NONPJ	matrix spike, RPD	12/18/2018	Pesticide	Pentachlorophenol	n/a	=	3	%	EPA 515.3	-88	-88	0	30	
2018/19-2	000NONPJ	matrix spike	12/18/2018	Pesticide	Pentachlorophenol	n/a	=	3.76	µg/L	EPA 515.3	0.04	0.2			
2018/19-2	000NONPJ	matrix spike, rec	12/18/2018	Pesticide	Pentachlorophenol	n/a	=	94	%	EPA 515.3	-88	-88	70	130	
2018/19-2	000NONPJ	matrix spike dup	12/18/2018	Pesticide	Pentachlorophenol	n/a	=	3.24	µg/L	EPA 515.3	0.04	0.2			
2018/19-2	000NONPJ	matrix spike dup, rec	12/18/2018	Pesticide	Pentachlorophenol	n/a	=	81	%	EPA 515.3	-88	-88	70	130	
2018/19-2	000NONPJ	matrix spike, RPD	12/18/2018	Pesticide	Pentachlorophenol	n/a	=	15	%	EPA 515.3	-88	-88	0	30	
2018/19-2	Lab	method blank	12/18/2018	Pesticide	Pentachlorophenol	n/a	<	0.04	µg/L	EPA 515.3	0.04	0.2			
2018/19-2	Lab	LCS	12/18/2018	Pesticide	Pentachlorophenol	n/a	=	3.32	µg/L	EPA 515.3	0.04	0.2			
2018/19-2	Lab	LCS, rec	12/18/2018	Pesticide	Pentachlorophenol	n/a	=	83	%	EPA 515.3	-88	-88	70	130	
2018/19-2	Lab	method blank	12/28/2018	Pesticide	Pentachlorophenol	n/a	<	0.04	µg/L	EPA 515.3	0.04	0.2			
2018/19-2	Lab	LCS	12/28/2018	Pesticide	Pentachlorophenol	n/a	=	3.96	µg/L	EPA 515.3	0.04	0.2			
2018/19-2	Lab	LCS, rec	12/28/2018	Pesticide	Pentachlorophenol	n/a	=	99	%	EPA 515.3	-88	-88	70	130	
2018/19-2	Lab	method blank	1/6/2019	Pesticide	Pentachlorophenol	n/a	<	0.19	µg/L	EPA 625	0.19	1			
2018/19-2	Lab	LCS	1/6/2019	Pesticide	Pentachlorophenol	n/a	=	20.5	µg/L	EPA 625	0.19	1			
2018/19-2	Lab	LCS, rec	1/6/2019	Pesticide	Pentachlorophenol	n/a	=	82	%	EPA 625	-88	-88	14	176	
2018/19-2	Lab	LCS dup	1/6/2019	Pesticide	Pentachlorophenol	n/a	=	19.7	µg/L	EPA 625	0.19	1			
2018/19-2	Lab	LCS dup, rec	1/6/2019	Pesticide	Pentachlorophenol	n/a	=	79	%	EPA 625	-88	-88	14	176	
2018/19-2	Lab	LCS, RPD	1/6/2019	Pesticide	Pentachlorophenol	n/a	=	4	%	EPA 625	-88	-88	0	30	
2018/19-2	Lab	method blank	1/10/2019	Pesticide	Pentachlorophenol	n/a	DNQ	0.475	µg/L	EPA 8270C	0.15	1			IP
2018/19-2	Lab	LCS	1/10/2019	Pesticide	Pentachlorophenol	n/a	=	8.83	µg/L	EPA 8270C	0.15	1			
2018/19-2	Lab	LCS, rec	1/10/2019	Pesticide	Pentachlorophenol	n/a	=	88	%	EPA 8270C	-88	-88	29	106	
2018/19-2	Lab	LCS dup	1/10/2019	Pesticide	Pentachlorophenol	n/a	=	9.07	µg/L	EPA 8270C	0.15	1			
2018/19-2	Lab	LCS dup, rec	1/10/2019	Pesticide	Pentachlorophenol	n/a	=	91	%	EPA 8270C	-88	-88	29	106	
2018/19-2	Lab	LCS, RPD	1/10/2019	Pesticide	Pentachlorophenol	n/a	=	3	%	EPA 8270C	-88	-88	0	30	
2018/19-2	ME-VR2	matrix spike	12/28/2018	Pesticide	Pentachlorophenol	n/a	=	3.94	µg/L	EPA 515.3	0.04	0.2			
2018/19-2	ME-VR2	matrix spike, rec	12/28/2018	Pesticide	Pentachlorophenol	n/a	=	99	%	EPA 515.3	-88	-88	70	130	
2018/19-2	ME-VR2	matrix spike dup	12/28/2018	Pesticide	Pentachlorophenol	n/a	=	3.93	µg/L	EPA 515.3	0.04	0.2			
2018/19-2	ME-VR2	matrix spike dup, rec	12/28/2018	Pesticide	Pentachlorophenol	n/a	=	98	%	EPA 515.3	-88	-88	70	130	
2018/19-2	ME-VR2	matrix spike, RPD	12/28/2018	Pesticide	Pentachlorophenol	n/a	=	0.4	%	EPA 515.3	-88	-88	0	30	
2018/19-2	MO-CAM	matrix spike	12/28/2018	Pesticide	Pentachlorophenol	n/a	=	3.75	µg/L	EPA 515.3	0.04	0.2			
2018/19-2	MO-CAM	matrix spike, rec	12/28/2018	Pesticide	Pentachlorophenol	n/a	=	91	%	EPA 515.3	-88	-88	70	130	
2018/19-2	MO-CAM	matrix spike dup	12/28/2018	Pesticide	Pentachlorophenol	n/a	=	3.81	µg/L	EPA 515.3	0.04	0.2			
2018/19-2	MO-CAM	matrix spike dup, rec	12/28/2018	Pesticide	Pentachlorophenol	n/a	=	92	%	EPA 515.3	-88	-88	70	130	
2018/19-2	MO-CAM	matrix spike, RPD	12/28/2018	Pesticide	Pentachlorophenol	n/a	=	2	%	EPA 515.3	-88	-88	0	30	

Appendix F
Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2018/19-2	000NONPJ	matrix spike	12/19/2018	Pesticide	Phorate	n/a	=	0.0471	µg/L	EPA 525.2m	0.003	0.01			
2018/19-2	000NONPJ	matrix spike, rec	12/19/2018	Pesticide	Phorate	n/a	=	94	%	EPA 525.2m	-88	-88	31	181	
2018/19-2	000NONPJ	matrix spike dup	12/19/2018	Pesticide	Phorate	n/a	=	0.0462	µg/L	EPA 525.2m	0.003	0.01			
2018/19-2	000NONPJ	matrix spike dup, rec	12/19/2018	Pesticide	Phorate	n/a	=	92	%	EPA 525.2m	-88	-88	31	181	
2018/19-2	000NONPJ	matrix spike, RPD	12/19/2018	Pesticide	Phorate	n/a	=	2	%	EPA 525.2m	-88	-88	0	30	
2018/19-2	000NONPJ	matrix spike	12/20/2018	Pesticide	Phorate	n/a	=	0.0774	µg/L	EPA 525.2m	0.003	0.01			
2018/19-2	000NONPJ	matrix spike, rec	12/20/2018	Pesticide	Phorate	n/a	=	155	%	EPA 525.2m	-88	-88	31	181	
2018/19-2	000NONPJ	matrix spike dup	12/20/2018	Pesticide	Phorate	n/a	=	0.0583	µg/L	EPA 525.2m	0.003	0.01			
2018/19-2	000NONPJ	matrix spike dup, rec	12/20/2018	Pesticide	Phorate	n/a	=	117	%	EPA 525.2m	-88	-88	31	181	
2018/19-2	000NONPJ	matrix spike, RPD	12/20/2018	Pesticide	Phorate	n/a	=	28	%	EPA 525.2m	-88	-88	0	30	
2018/19-2	Lab	method blank	12/19/2018	Pesticide	Phorate	n/a	<	0.003	µg/L	EPA 525.2m	0.003	0.01			
2018/19-2	Lab	LCS	12/19/2018	Pesticide	Phorate	n/a	=	0.0455	µg/L	EPA 525.2m	0.003	0.01			
2018/19-2	Lab	LCS, rec	12/19/2018	Pesticide	Phorate	n/a	=	91	%	EPA 525.2m	-88	-88	26	180	
2018/19-2	Lab	method blank	12/20/2018	Pesticide	Phorate	n/a	<	0.003	µg/L	EPA 525.2m	0.003	0.01			
2018/19-2	Lab	LCS	12/20/2018	Pesticide	Phorate	n/a	=	0.0475	µg/L	EPA 525.2m	0.003	0.01			
2018/19-2	Lab	LCS, rec	12/20/2018	Pesticide	Phorate	n/a	=	95	%	EPA 525.2m	-88	-88	26	180	
2018/19-2	000NONPJ	matrix spike	12/18/2018	Pesticide	Picloram	n/a	=	3.58	µg/L	EPA 515.3	0.05	0.6			
2018/19-2	000NONPJ	matrix spike, rec	12/18/2018	Pesticide	Picloram	n/a	=	89	%	EPA 515.3	-88	-88	70	130	
2018/19-2	000NONPJ	matrix spike dup	12/18/2018	Pesticide	Picloram	n/a	=	3.55	µg/L	EPA 515.3	0.05	0.6			
2018/19-2	000NONPJ	matrix spike dup, rec	12/18/2018	Pesticide	Picloram	n/a	=	89	%	EPA 515.3	-88	-88	70	130	
2018/19-2	000NONPJ	matrix spike, RPD	12/18/2018	Pesticide	Picloram	n/a	=	0.8	%	EPA 515.3	-88	-88	0	30	
2018/19-2	000NONPJ	matrix spike	12/18/2018	Pesticide	Picloram	n/a	=	2.87	µg/L	EPA 515.3	0.05	0.6			
2018/19-2	000NONPJ	matrix spike, rec	12/18/2018	Pesticide	Picloram	n/a	=	72	%	EPA 515.3	-88	-88	70	130	
2018/19-2	000NONPJ	matrix spike dup	12/18/2018	Pesticide	Picloram	n/a	=	3.42	µg/L	EPA 515.3	0.05	0.6			
2018/19-2	000NONPJ	matrix spike dup, rec	12/18/2018	Pesticide	Picloram	n/a	=	85	%	EPA 515.3	-88	-88	70	130	
2018/19-2	000NONPJ	matrix spike, RPD	12/18/2018	Pesticide	Picloram	n/a	=	17	%	EPA 515.3	-88	-88	0	30	
2018/19-2	Lab	method blank	12/18/2018	Pesticide	Picloram	n/a	<	0.05	µg/L	EPA 515.3	0.05	0.6			
2018/19-2	Lab	LCS	12/18/2018	Pesticide	Picloram	n/a	=	3.34	µg/L	EPA 515.3	0.05	0.6			
2018/19-2	Lab	LCS, rec	12/18/2018	Pesticide	Picloram	n/a	=	84	%	EPA 515.3	-88	-88	70	130	
2018/19-2	Lab	method blank	12/28/2018	Pesticide	Picloram	n/a	<	0.05	µg/L	EPA 515.3	0.05	0.6			
2018/19-2	Lab	LCS	12/28/2018	Pesticide	Picloram	n/a	=	3.89	µg/L	EPA 515.3	0.05	0.6			
2018/19-2	Lab	LCS, rec	12/28/2018	Pesticide	Picloram	n/a	=	97	%	EPA 515.3	-88	-88	70	130	
2018/19-2	ME-VR2	matrix spike	12/28/2018	Pesticide	Picloram	n/a	=	4.14	µg/L	EPA 515.3	0.05	0.6			
2018/19-2	ME-VR2	matrix spike, rec	12/28/2018	Pesticide	Picloram	n/a	=	104	%	EPA 515.3	-88	-88	70	130	
2018/19-2	ME-VR2	matrix spike dup	12/28/2018	Pesticide	Picloram	n/a	=	4.2	µg/L	EPA 515.3	0.05	0.6			
2018/19-2	ME-VR2	matrix spike dup, rec	12/28/2018	Pesticide	Picloram	n/a	=	105	%	EPA 515.3	-88	-88	70	130	
2018/19-2	ME-VR2	matrix spike, RPD	12/28/2018	Pesticide	Picloram	n/a	=	1	%	EPA 515.3	-88	-88	0	30	
2018/19-2	MO-CAM	matrix spike	12/28/2018	Pesticide	Picloram	n/a	=	4.15	µg/L	EPA 515.3	0.05	0.6			
2018/19-2	MO-CAM	matrix spike, rec	12/28/2018	Pesticide	Picloram	n/a	=	104	%	EPA 515.3	-88	-88	70	130	
2018/19-2	MO-CAM	matrix spike dup	12/28/2018	Pesticide	Picloram	n/a	=	4.2	µg/L	EPA 515.3	0.05	0.6			
2018/19-2	MO-CAM	matrix spike dup, rec	12/28/2018	Pesticide	Picloram	n/a	=	105	%	EPA 515.3	-88	-88	70	130	
2018/19-2	MO-CAM	matrix spike, RPD	12/28/2018	Pesticide	Picloram	n/a	=	1	%	EPA 515.3	-88	-88	0	30	
2018/19-2	Lab	method blank	12/14/2018	Pesticide	Prometon	n/a	<	0.024	µg/L	EPA 525.2	0.024	0.2			
2018/19-2	Lab	LCS	12/14/2018	Pesticide	Prometon	n/a	=	0.959	µg/L	EPA 525.2	0.024	0.2			
2018/19-2	Lab	LCS, rec	12/14/2018	Pesticide	Prometon	n/a	=	19	%	EPA 525.2	-88	-88	15	120	
2018/19-2	Lab	LCS dup	12/14/2018	Pesticide	Prometon	n/a	=	2.17	µg/L	EPA 525.2	0.024	0.2			IL
2018/19-2	Lab	LCS dup, rec	12/14/2018	Pesticide	Prometon	n/a	=	43	%	EPA 525.2	-88	-88	15	120	IL

Appendix F
Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2018/19-2	Lab	LCS, RPD	12/14/2018	Pesticide	Prometon	n/a	=	78	%	EPA 525.2	-88	-88	0	30	IL
2018/19-2	Lab	method blank	12/15/2018	Pesticide	Prometon	n/a	<	0.024	µg/L	EPA 525.2	0.024	0.2			
2018/19-2	Lab	LCS	12/15/2018	Pesticide	Prometon	n/a	=	1.39	µg/L	EPA 525.2	0.024	0.2			
2018/19-2	Lab	LCS, rec	12/15/2018	Pesticide	Prometon	n/a	=	28	%	EPA 525.2	-88	-88	15	120	
2018/19-2	Lab	LCS dup	12/15/2018	Pesticide	Prometon	n/a	=	1.77	µg/L	EPA 525.2	0.024	0.2			
2018/19-2	Lab	LCS dup, rec	12/15/2018	Pesticide	Prometon	n/a	=	35	%	EPA 525.2	-88	-88	15	120	
2018/19-2	Lab	LCS, RPD	12/15/2018	Pesticide	Prometon	n/a	=	24	%	EPA 525.2	-88	-88	0	30	
2018/19-2	Lab	method blank	12/19/2018	Pesticide	Prometon	n/a	<	0.024	µg/L	EPA 525.2	0.024	0.2			
2018/19-2	Lab	LCS	12/19/2018	Pesticide	Prometon	n/a	=	1.39	µg/L	EPA 525.2	0.024	0.2			
2018/19-2	Lab	LCS, rec	12/19/2018	Pesticide	Prometon	n/a	=	28	%	EPA 525.2	-88	-88	15	120	
2018/19-2	Lab	LCS dup	12/19/2018	Pesticide	Prometon	n/a	=	1.01	µg/L	EPA 525.2	0.024	0.2			IL
2018/19-2	Lab	LCS dup, rec	12/19/2018	Pesticide	Prometon	n/a	=	20	%	EPA 525.2	-88	-88	15	120	IL
2018/19-2	Lab	LCS, RPD	12/19/2018	Pesticide	Prometon	n/a	=	31	%	EPA 525.2	-88	-88	0	30	IL
2018/19-2	Lab	method blank	12/14/2018	Pesticide	Prometryn	n/a	<	0.036	µg/L	EPA 525.2	0.036	0.1			
2018/19-2	Lab	LCS	12/14/2018	Pesticide	Prometryn	n/a	=	3.73	µg/L	EPA 525.2	0.036	0.1			
2018/19-2	Lab	LCS, rec	12/14/2018	Pesticide	Prometryn	n/a	=	75	%	EPA 525.2	-88	-88	30	120	
2018/19-2	Lab	LCS dup	12/14/2018	Pesticide	Prometryn	n/a	=	4.99	µg/L	EPA 525.2	0.036	0.1			
2018/19-2	Lab	LCS dup, rec	12/14/2018	Pesticide	Prometryn	n/a	=	100	%	EPA 525.2	-88	-88	30	120	
2018/19-2	Lab	LCS, RPD	12/14/2018	Pesticide	Prometryn	n/a	=	29	%	EPA 525.2	-88	-88	0	30	
2018/19-2	Lab	method blank	12/15/2018	Pesticide	Prometryn	n/a	<	0.036	µg/L	EPA 525.2	0.036	0.1			
2018/19-2	Lab	LCS	12/15/2018	Pesticide	Prometryn	n/a	=	3.66	µg/L	EPA 525.2	0.036	0.1			
2018/19-2	Lab	LCS, rec	12/15/2018	Pesticide	Prometryn	n/a	=	73	%	EPA 525.2	-88	-88	30	120	
2018/19-2	Lab	LCS dup	12/15/2018	Pesticide	Prometryn	n/a	=	3.88	µg/L	EPA 525.2	0.036	0.1			
2018/19-2	Lab	LCS dup, rec	12/15/2018	Pesticide	Prometryn	n/a	=	78	%	EPA 525.2	-88	-88	30	120	
2018/19-2	Lab	LCS, RPD	12/15/2018	Pesticide	Prometryn	n/a	=	6	%	EPA 525.2	-88	-88	0	30	
2018/19-2	Lab	method blank	12/19/2018	Pesticide	Prometryn	n/a	<	0.036	µg/L	EPA 525.2	0.036	0.1			
2018/19-2	Lab	LCS	12/19/2018	Pesticide	Prometryn	n/a	=	3.52	µg/L	EPA 525.2	0.036	0.1			
2018/19-2	Lab	LCS, rec	12/19/2018	Pesticide	Prometryn	n/a	=	70	%	EPA 525.2	-88	-88	30	120	
2018/19-2	Lab	LCS dup	12/19/2018	Pesticide	Prometryn	n/a	=	3.63	µg/L	EPA 525.2	0.036	0.1			
2018/19-2	Lab	LCS dup, rec	12/19/2018	Pesticide	Prometryn	n/a	=	73	%	EPA 525.2	-88	-88	30	120	
2018/19-2	Lab	LCS, RPD	12/19/2018	Pesticide	Prometryn	n/a	=	3	%	EPA 525.2	-88	-88	0	30	
2018/19-2	000NONPJ	matrix spike	12/19/2018	Pesticide	Ronnel (Fenclorphos)	n/a	=	0.0455	µg/L	EPA 525.2m	0.0041	0.01			
2018/19-2	000NONPJ	matrix spike, rec	12/19/2018	Pesticide	Ronnel (Fenclorphos)	n/a	=	91	%	EPA 525.2m	-88	-88	29	153	
2018/19-2	000NONPJ	matrix spike dup	12/19/2018	Pesticide	Ronnel (Fenclorphos)	n/a	=	0.0476	µg/L	EPA 525.2m	0.0041	0.01			
2018/19-2	000NONPJ	matrix spike dup, rec	12/19/2018	Pesticide	Ronnel (Fenclorphos)	n/a	=	95	%	EPA 525.2m	-88	-88	29	153	
2018/19-2	000NONPJ	matrix spike, RPD	12/19/2018	Pesticide	Ronnel (Fenclorphos)	n/a	=	4	%	EPA 525.2m	-88	-88	0	30	
2018/19-2	000NONPJ	matrix spike	12/20/2018	Pesticide	Ronnel (Fenclorphos)	n/a	=	0.047	µg/L	EPA 525.2m	0.0041	0.01			
2018/19-2	000NONPJ	matrix spike, rec	12/20/2018	Pesticide	Ronnel (Fenclorphos)	n/a	=	94	%	EPA 525.2m	-88	-88	29	153	
2018/19-2	000NONPJ	matrix spike dup	12/20/2018	Pesticide	Ronnel (Fenclorphos)	n/a	=	0.0567	µg/L	EPA 525.2m	0.0041	0.01			
2018/19-2	000NONPJ	matrix spike dup, rec	12/20/2018	Pesticide	Ronnel (Fenclorphos)	n/a	=	113	%	EPA 525.2m	-88	-88	29	153	
2018/19-2	000NONPJ	matrix spike, RPD	12/20/2018	Pesticide	Ronnel (Fenclorphos)	n/a	=	19	%	EPA 525.2m	-88	-88	0	30	
2018/19-2	Lab	method blank	12/19/2018	Pesticide	Ronnel (Fenclorphos)	n/a	<	0.0041	µg/L	EPA 525.2m	0.0041	0.01			
2018/19-2	Lab	LCS	12/19/2018	Pesticide	Ronnel (Fenclorphos)	n/a	=	0.0492	µg/L	EPA 525.2m	0.0041	0.01			
2018/19-2	Lab	LCS, rec	12/19/2018	Pesticide	Ronnel (Fenclorphos)	n/a	=	98	%	EPA 525.2m	-88	-88	34	154	
2018/19-2	Lab	method blank	12/20/2018	Pesticide	Ronnel (Fenclorphos)	n/a	<	0.0041	µg/L	EPA 525.2m	0.0041	0.01			
2018/19-2	Lab	LCS	12/20/2018	Pesticide	Ronnel (Fenclorphos)	n/a	=	0.0443	µg/L	EPA 525.2m	0.0041	0.01			
2018/19-2	Lab	LCS, rec	12/20/2018	Pesticide	Ronnel (Fenclorphos)	n/a	=	89	%	EPA 525.2m	-88	-88	34	154	

Appendix F
Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2018/19-2	Lab	method blank	12/14/2018	Pesticide	Simazine	n/a	<	0.015	µg/L	EPA 525.2	0.015	0.1			
2018/19-2	Lab	LCS	12/14/2018	Pesticide	Simazine	n/a	=	4.62	µg/L	EPA 525.2	0.015	0.1			
2018/19-2	Lab	LCS, rec	12/14/2018	Pesticide	Simazine	n/a	=	92	%	EPA 525.2	-88	-88	60	130	
2018/19-2	Lab	LCS dup	12/14/2018	Pesticide	Simazine	n/a	=	5.09	µg/L	EPA 525.2	0.015	0.1			
2018/19-2	Lab	LCS dup, rec	12/14/2018	Pesticide	Simazine	n/a	=	102	%	EPA 525.2	-88	-88	60	130	
2018/19-2	Lab	LCS, RPD	12/14/2018	Pesticide	Simazine	n/a	=	10	%	EPA 525.2	-88	-88	0	30	
2018/19-2	Lab	method blank	12/15/2018	Pesticide	Simazine	n/a	<	0.015	µg/L	EPA 525.2	0.015	0.1			
2018/19-2	Lab	LCS	12/15/2018	Pesticide	Simazine	n/a	=	4.77	µg/L	EPA 525.2	0.015	0.1			
2018/19-2	Lab	LCS, rec	12/15/2018	Pesticide	Simazine	n/a	=	95	%	EPA 525.2	-88	-88	60	130	
2018/19-2	Lab	LCS dup	12/15/2018	Pesticide	Simazine	n/a	=	4.9	µg/L	EPA 525.2	0.015	0.1			
2018/19-2	Lab	LCS dup, rec	12/15/2018	Pesticide	Simazine	n/a	=	98	%	EPA 525.2	-88	-88	60	130	
2018/19-2	Lab	LCS, RPD	12/15/2018	Pesticide	Simazine	n/a	=	3	%	EPA 525.2	-88	-88	0	30	
2018/19-2	Lab	method blank	12/19/2018	Pesticide	Simazine	n/a	<	0.015	µg/L	EPA 525.2	0.015	0.1			
2018/19-2	Lab	LCS	12/19/2018	Pesticide	Simazine	n/a	=	4.94	µg/L	EPA 525.2	0.015	0.1			
2018/19-2	Lab	LCS, rec	12/19/2018	Pesticide	Simazine	n/a	=	99	%	EPA 525.2	-88	-88	60	130	
2018/19-2	Lab	LCS dup	12/19/2018	Pesticide	Simazine	n/a	=	4.96	µg/L	EPA 525.2	0.015	0.1			
2018/19-2	Lab	LCS dup, rec	12/19/2018	Pesticide	Simazine	n/a	=	99	%	EPA 525.2	-88	-88	60	130	
2018/19-2	Lab	LCS, RPD	12/19/2018	Pesticide	Simazine	n/a	=	0.5	%	EPA 525.2	-88	-88	0	30	
2018/19-2	000NONPJ	matrix spike	12/19/2018	Pesticide	Stirophos (Tetrachlorvinphos)	n/a	=	0.0588	µg/L	EPA 525.2m	0.0031	0.01			
2018/19-2	000NONPJ	matrix spike, rec	12/19/2018	Pesticide	Stirophos (Tetrachlorvinphos)	n/a	=	118	%	EPA 525.2m	-88	-88	0.1	167	
2018/19-2	000NONPJ	matrix spike dup	12/19/2018	Pesticide	Stirophos (Tetrachlorvinphos)	n/a	=	0.0684	µg/L	EPA 525.2m	0.0031	0.01			
2018/19-2	000NONPJ	matrix spike dup, rec	12/19/2018	Pesticide	Stirophos (Tetrachlorvinphos)	n/a	=	137	%	EPA 525.2m	-88	-88	0.1	167	
2018/19-2	000NONPJ	matrix spike, RPD	12/19/2018	Pesticide	Stirophos (Tetrachlorvinphos)	n/a	=	15	%	EPA 525.2m	-88	-88	0	30	
2018/19-2	000NONPJ	matrix spike	12/20/2018	Pesticide	Stirophos (Tetrachlorvinphos)	n/a	=	0.0938	µg/L	EPA 525.2m	0.0031	0.01			GB
2018/19-2	000NONPJ	matrix spike, rec	12/20/2018	Pesticide	Stirophos (Tetrachlorvinphos)	n/a	=	181	%	EPA 525.2m	-88	-88	0.1	167	GB
2018/19-2	000NONPJ	matrix spike dup	12/20/2018	Pesticide	Stirophos (Tetrachlorvinphos)	n/a	=	0.0825	µg/L	EPA 525.2m	0.0031	0.01			
2018/19-2	000NONPJ	matrix spike dup, rec	12/20/2018	Pesticide	Stirophos (Tetrachlorvinphos)	n/a	=	159	%	EPA 525.2m	-88	-88	0.1	167	
2018/19-2	000NONPJ	matrix spike, RPD	12/20/2018	Pesticide	Stirophos (Tetrachlorvinphos)	n/a	=	13	%	EPA 525.2m	-88	-88	0	30	
2018/19-2	Lab	method blank	12/19/2018	Pesticide	Stirophos (Tetrachlorvinphos)	n/a	<	0.0031	µg/L	EPA 525.2m	0.0031	0.01			
2018/19-2	Lab	LCS	12/19/2018	Pesticide	Stirophos (Tetrachlorvinphos)	n/a	=	0.0608	µg/L	EPA 525.2m	0.0031	0.01			
2018/19-2	Lab	LCS, rec	12/19/2018	Pesticide	Stirophos (Tetrachlorvinphos)	n/a	=	122	%	EPA 525.2m	-88	-88	0.1	188	
2018/19-2	Lab	method blank	12/20/2018	Pesticide	Stirophos (Tetrachlorvinphos)	n/a	<	0.0031	µg/L	EPA 525.2m	0.0031	0.01			
2018/19-2	Lab	LCS	12/20/2018	Pesticide	Stirophos (Tetrachlorvinphos)	n/a	=	0.0526	µg/L	EPA 525.2m	0.0031	0.01			
2018/19-2	Lab	LCS, rec	12/20/2018	Pesticide	Stirophos (Tetrachlorvinphos)	n/a	=	105	%	EPA 525.2m	-88	-88	0.1	188	
2018/19-2	Lab	method blank	12/14/2018	Pesticide	Terbacil	n/a	<	0.55	µg/L	EPA 525.2	0.55	2			
2018/19-2	Lab	LCS	12/14/2018	Pesticide	Terbacil	n/a	=	5	µg/L	EPA 525.2	0.55	2			
2018/19-2	Lab	LCS, rec	12/14/2018	Pesticide	Terbacil	n/a	=	100	%	EPA 525.2	-88	-88	70	130	
2018/19-2	Lab	LCS dup	12/14/2018	Pesticide	Terbacil	n/a	=	5.09	µg/L	EPA 525.2	0.55	2			
2018/19-2	Lab	LCS dup, rec	12/14/2018	Pesticide	Terbacil	n/a	=	102	%	EPA 525.2	-88	-88	70	130	
2018/19-2	Lab	LCS, RPD	12/14/2018	Pesticide	Terbacil	n/a	=	2	%	EPA 525.2	-88	-88	0	30	
2018/19-2	Lab	method blank	12/15/2018	Pesticide	Terbacil	n/a	<	0.55	µg/L	EPA 525.2	0.55	2			
2018/19-2	Lab	LCS	12/15/2018	Pesticide	Terbacil	n/a	=	4.56	µg/L	EPA 525.2	0.55	2			
2018/19-2	Lab	LCS, rec	12/15/2018	Pesticide	Terbacil	n/a	=	91	%	EPA 525.2	-88	-88	70	130	
2018/19-2	Lab	LCS dup	12/15/2018	Pesticide	Terbacil	n/a	=	4.33	µg/L	EPA 525.2	0.55	2			
2018/19-2	Lab	LCS dup, rec	12/15/2018	Pesticide	Terbacil	n/a	=	87	%	EPA 525.2	-88	-88	70	130	
2018/19-2	Lab	LCS, RPD	12/15/2018	Pesticide	Terbacil	n/a	=	5	%	EPA 525.2	-88	-88	0	30	
2018/19-2	Lab	method blank	12/19/2018	Pesticide	Terbacil	n/a	<	0.55	µg/L	EPA 525.2	0.55	2			

Appendix F
Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2018/19-2	Lab	LCS	12/19/2018	Pesticide	Terbacil	n/a	=	5.02	µg/L	EPA 525.2	0.55	2			
2018/19-2	Lab	LCS, rec	12/19/2018	Pesticide	Terbacil	n/a	=	100	%	EPA 525.2	-88	-88	70	130	
2018/19-2	Lab	LCS dup	12/19/2018	Pesticide	Terbacil	n/a	=	5.03	µg/L	EPA 525.2	0.55	2			
2018/19-2	Lab	LCS dup, rec	12/19/2018	Pesticide	Terbacil	n/a	=	101	%	EPA 525.2	-88	-88	70	130	
2018/19-2	Lab	LCS, RPD	12/19/2018	Pesticide	Terbacil	n/a	=	0.2	%	EPA 525.2	-88	-88	0	30	
2018/19-2	Lab	method blank	12/14/2018	Pesticide	Thiobencarb	n/a	<	0.025	µg/L	EPA 525.2	0.025	0.2			
2018/19-2	Lab	LCS	12/14/2018	Pesticide	Thiobencarb	n/a	=	5.19	µg/L	EPA 525.2	0.025	0.2			
2018/19-2	Lab	LCS, rec	12/14/2018	Pesticide	Thiobencarb	n/a	=	104	%	EPA 525.2	-88	-88	70	130	
2018/19-2	Lab	LCS dup	12/14/2018	Pesticide	Thiobencarb	n/a	=	5.27	µg/L	EPA 525.2	0.025	0.2			
2018/19-2	Lab	LCS dup, rec	12/14/2018	Pesticide	Thiobencarb	n/a	=	105	%	EPA 525.2	-88	-88	70	130	
2018/19-2	Lab	LCS, RPD	12/14/2018	Pesticide	Thiobencarb	n/a	=	2	%	EPA 525.2	-88	-88	0	30	
2018/19-2	Lab	method blank	12/15/2018	Pesticide	Thiobencarb	n/a	<	0.025	µg/L	EPA 525.2	0.025	0.2			
2018/19-2	Lab	LCS	12/15/2018	Pesticide	Thiobencarb	n/a	=	5.3	µg/L	EPA 525.2	0.025	0.2			
2018/19-2	Lab	LCS, rec	12/15/2018	Pesticide	Thiobencarb	n/a	=	106	%	EPA 525.2	-88	-88	70	130	
2018/19-2	Lab	LCS dup	12/15/2018	Pesticide	Thiobencarb	n/a	=	5.37	µg/L	EPA 525.2	0.025	0.2			
2018/19-2	Lab	LCS dup, rec	12/15/2018	Pesticide	Thiobencarb	n/a	=	107	%	EPA 525.2	-88	-88	70	130	
2018/19-2	Lab	LCS, RPD	12/15/2018	Pesticide	Thiobencarb	n/a	=	1	%	EPA 525.2	-88	-88	0	30	
2018/19-2	Lab	method blank	12/19/2018	Pesticide	Thiobencarb	n/a	<	0.025	µg/L	EPA 525.2	0.025	0.2			
2018/19-2	Lab	LCS	12/19/2018	Pesticide	Thiobencarb	n/a	=	5.08	µg/L	EPA 525.2	0.025	0.2			
2018/19-2	Lab	LCS, rec	12/19/2018	Pesticide	Thiobencarb	n/a	=	102	%	EPA 525.2	-88	-88	70	130	
2018/19-2	Lab	LCS dup	12/19/2018	Pesticide	Thiobencarb	n/a	=	5.1	µg/L	EPA 525.2	0.025	0.2			
2018/19-2	Lab	LCS dup, rec	12/19/2018	Pesticide	Thiobencarb	n/a	=	102	%	EPA 525.2	-88	-88	70	130	
2018/19-2	Lab	LCS, RPD	12/19/2018	Pesticide	Thiobencarb	n/a	=	0.2	%	EPA 525.2	-88	-88	0	30	
2018/19-2	000NONPJ	matrix spike	12/19/2018	Pesticide	Tokuthion	n/a	=	0.037	µg/L	EPA 525.2m	0.0078	0.01			
2018/19-2	000NONPJ	matrix spike, rec	12/19/2018	Pesticide	Tokuthion	n/a	=	74	%	EPA 525.2m	-88	-88	27	160	
2018/19-2	000NONPJ	matrix spike dup	12/19/2018	Pesticide	Tokuthion	n/a	=	0.0308	µg/L	EPA 525.2m	0.0078	0.01			
2018/19-2	000NONPJ	matrix spike dup, rec	12/19/2018	Pesticide	Tokuthion	n/a	=	62	%	EPA 525.2m	-88	-88	27	160	
2018/19-2	000NONPJ	matrix spike, RPD	12/19/2018	Pesticide	Tokuthion	n/a	=	18	%	EPA 525.2m	-88	-88	0	30	
2018/19-2	000NONPJ	matrix spike	12/20/2018	Pesticide	Tokuthion	n/a	=	0.0478	µg/L	EPA 525.2m	0.0078	0.01			
2018/19-2	000NONPJ	matrix spike, rec	12/20/2018	Pesticide	Tokuthion	n/a	=	96	%	EPA 525.2m	-88	-88	27	160	
2018/19-2	000NONPJ	matrix spike dup	12/20/2018	Pesticide	Tokuthion	n/a	=	0.0436	µg/L	EPA 525.2m	0.0078	0.01			
2018/19-2	000NONPJ	matrix spike dup, rec	12/20/2018	Pesticide	Tokuthion	n/a	=	87	%	EPA 525.2m	-88	-88	27	160	
2018/19-2	000NONPJ	matrix spike, RPD	12/20/2018	Pesticide	Tokuthion	n/a	=	9	%	EPA 525.2m	-88	-88	0	30	
2018/19-2	Lab	method blank	12/19/2018	Pesticide	Tokuthion	n/a	<	0.0078	µg/L	EPA 525.2m	0.0078	0.01			
2018/19-2	Lab	LCS	12/19/2018	Pesticide	Tokuthion	n/a	=	0.0373	µg/L	EPA 525.2m	0.0078	0.01			
2018/19-2	Lab	LCS, rec	12/19/2018	Pesticide	Tokuthion	n/a	=	75	%	EPA 525.2m	-88	-88	23	159	
2018/19-2	Lab	method blank	12/20/2018	Pesticide	Tokuthion	n/a	<	0.0078	µg/L	EPA 525.2m	0.0078	0.01			
2018/19-2	Lab	LCS	12/20/2018	Pesticide	Tokuthion	n/a	=	0.04	µg/L	EPA 525.2m	0.0078	0.01			
2018/19-2	Lab	LCS, rec	12/20/2018	Pesticide	Tokuthion	n/a	=	80	%	EPA 525.2m	-88	-88	23	159	
2018/19-2	000NONPJ	matrix spike	12/19/2018	Pesticide	Trichloronate	n/a	=	0.0427	µg/L	EPA 525.2m	0.0067	0.01			
2018/19-2	000NONPJ	matrix spike, rec	12/19/2018	Pesticide	Trichloronate	n/a	=	85	%	EPA 525.2m	-88	-88	40	150	
2018/19-2	000NONPJ	matrix spike dup	12/19/2018	Pesticide	Trichloronate	n/a	=	0.0425	µg/L	EPA 525.2m	0.0067	0.01			
2018/19-2	000NONPJ	matrix spike dup, rec	12/19/2018	Pesticide	Trichloronate	n/a	=	85	%	EPA 525.2m	-88	-88	40	150	
2018/19-2	000NONPJ	matrix spike, RPD	12/19/2018	Pesticide	Trichloronate	n/a	=	0.5	%	EPA 525.2m	-88	-88	0	30	
2018/19-2	000NONPJ	matrix spike	12/20/2018	Pesticide	Trichloronate	n/a	=	0.0338	µg/L	EPA 525.2m	0.0067	0.01			
2018/19-2	000NONPJ	matrix spike, rec	12/20/2018	Pesticide	Trichloronate	n/a	=	68	%	EPA 525.2m	-88	-88	40	150	
2018/19-2	000NONPJ	matrix spike dup	12/20/2018	Pesticide	Trichloronate	n/a	=	0.0512	µg/L	EPA 525.2m	0.0067	0.01			IL

Appendix F
Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2018/19-2	000NONPJ	matrix spike dup, rec	12/20/2018	Pesticide	Trichloronate	n/a	=	102	%	EPA 525.2m	-88	-88	40	150	IL
2018/19-2	000NONPJ	matrix spike, RPD	12/20/2018	Pesticide	Trichloronate	n/a	=	41	%	EPA 525.2m	-88	-88	0	30	IL
2018/19-2	Lab	method blank	12/19/2018	Pesticide	Trichloronate	n/a	<	0.0067	µg/L	EPA 525.2m	0.0067	0.01			
2018/19-2	Lab	LCS	12/19/2018	Pesticide	Trichloronate	n/a	=	0.0484	µg/L	EPA 525.2m	0.0067	0.01			
2018/19-2	Lab	LCS, rec	12/19/2018	Pesticide	Trichloronate	n/a	=	97	%	EPA 525.2m	-88	-88	34	153	
2018/19-2	Lab	method blank	12/20/2018	Pesticide	Trichloronate	n/a	<	0.0067	µg/L	EPA 525.2m	0.0067	0.01			
2018/19-2	Lab	LCS	12/20/2018	Pesticide	Trichloronate	n/a	=	0.0413	µg/L	EPA 525.2m	0.0067	0.01			
2018/19-2	Lab	LCS, rec	12/20/2018	Pesticide	Trichloronate	n/a	=	83	%	EPA 525.2m	-88	-88	34	153	
2018/19-2	Lab	method blank	12/14/2018	Pesticide	Trithion	n/a	<	0.012	µg/L	EPA 525.2	0.012	0.1			
2018/19-2	Lab	LCS	12/14/2018	Pesticide	Trithion	n/a	=	4.52	µg/L	EPA 525.2	0.012	0.1			
2018/19-2	Lab	LCS, rec	12/14/2018	Pesticide	Trithion	n/a	=	90	%	EPA 525.2	-88	-88	70	130	
2018/19-2	Lab	LCS dup	12/14/2018	Pesticide	Trithion	n/a	=	4.71	µg/L	EPA 525.2	0.012	0.1			
2018/19-2	Lab	LCS dup, rec	12/14/2018	Pesticide	Trithion	n/a	=	94	%	EPA 525.2	-88	-88	70	130	
2018/19-2	Lab	LCS, RPD	12/14/2018	Pesticide	Trithion	n/a	=	4	%	EPA 525.2	-88	-88	0	30	
2018/19-2	Lab	method blank	12/15/2018	Pesticide	Trithion	n/a	<	0.012	µg/L	EPA 525.2	0.012	0.1			
2018/19-2	Lab	LCS	12/15/2018	Pesticide	Trithion	n/a	=	4.8	µg/L	EPA 525.2	0.012	0.1			
2018/19-2	Lab	LCS, rec	12/15/2018	Pesticide	Trithion	n/a	=	96	%	EPA 525.2	-88	-88	70	130	
2018/19-2	Lab	LCS dup	12/15/2018	Pesticide	Trithion	n/a	=	4.91	µg/L	EPA 525.2	0.012	0.1			
2018/19-2	Lab	LCS dup, rec	12/15/2018	Pesticide	Trithion	n/a	=	98	%	EPA 525.2	-88	-88	70	130	
2018/19-2	Lab	LCS, RPD	12/15/2018	Pesticide	Trithion	n/a	=	2	%	EPA 525.2	-88	-88	0	30	
2018/19-2	Lab	method blank	12/19/2018	Pesticide	Trithion	n/a	<	0.012	µg/L	EPA 525.2	0.012	0.1			
2018/19-2	Lab	LCS	12/19/2018	Pesticide	Trithion	n/a	=	4.84	µg/L	EPA 525.2	0.012	0.1			
2018/19-2	Lab	LCS, rec	12/19/2018	Pesticide	Trithion	n/a	=	97	%	EPA 525.2	-88	-88	70	130	
2018/19-2	Lab	LCS dup	12/19/2018	Pesticide	Trithion	n/a	=	4.58	µg/L	EPA 525.2	0.012	0.1			
2018/19-2	Lab	LCS dup, rec	12/19/2018	Pesticide	Trithion	n/a	=	92	%	EPA 525.2	-88	-88	70	130	
2018/19-2	Lab	LCS, RPD	12/19/2018	Pesticide	Trithion	n/a	=	6	%	EPA 525.2	-88	-88	0	30	
2018/19-3	000NONPJ	matrix spike	1/15/2019	Anion	Chloride	n/a	=	305	mg/L	EPA 300.0	1	5			
2018/19-3	000NONPJ	matrix spike	1/15/2019	Anion	Chloride	n/a	=	232	mg/L	EPA 300.0	1	5			
2018/19-3	000NONPJ	matrix spike dup	1/15/2019	Anion	Chloride	n/a	=	308	mg/L	EPA 300.0	1	5			
2018/19-3	000NONPJ	matrix spike dup	1/15/2019	Anion	Chloride	n/a	=	234	mg/L	EPA 300.0	1	5			
2018/19-3	000NONPJ	matrix spike dup, rec	1/15/2019	Anion	Chloride	n/a	=	99	%	EPA 300.0	-88	-88	76	118	
2018/19-3	000NONPJ	matrix spike dup, rec	1/15/2019	Anion	Chloride	n/a	=	104	%	EPA 300.0	-88	-88	76	118	
2018/19-3	000NONPJ	matrix spike, rec	1/15/2019	Anion	Chloride	n/a	=	98	%	EPA 300.0	-88	-88	76	118	
2018/19-3	000NONPJ	matrix spike, rec	1/15/2019	Anion	Chloride	n/a	=	103	%	EPA 300.0	-88	-88	76	118	
2018/19-3	000NONPJ	matrix spike, RPD	1/15/2019	Anion	Chloride	n/a	=	1	%	EPA 300.0	-88	-88	0	20	
2018/19-3	000NONPJ	matrix spike, RPD	1/15/2019	Anion	Chloride	n/a	=	0.9	%	EPA 300.0	-88	-88	0	20	
2018/19-3	Lab	LCS	1/15/2019	Anion	Chloride	n/a	=	20.8	mg/L	EPA 300.0	0.1	0.5			
2018/19-3	Lab	LCS, rec	1/15/2019	Anion	Chloride	n/a	=	104	%	EPA 300.0	-88	-88	90	110	
2018/19-3	Lab	method blank	1/15/2019	Anion	Chloride	n/a	<	0.1	mg/L	EPA 300.0	0.1	0.5			
2018/19-3	000NONPJ	matrix spike	1/15/2019	Anion	Fluoride	n/a	=	20	mg/L	EPA 300.0	0.2	1			
2018/19-3	000NONPJ	matrix spike	1/15/2019	Anion	Fluoride	n/a	=	21.2	mg/L	EPA 300.0	0.2	1			
2018/19-3	000NONPJ	matrix spike dup	1/15/2019	Anion	Fluoride	n/a	=	18.5	mg/L	EPA 300.0	0.2	1			
2018/19-3	000NONPJ	matrix spike dup	1/15/2019	Anion	Fluoride	n/a	=	19.6	mg/L	EPA 300.0	0.2	1			
2018/19-3	000NONPJ	matrix spike dup, rec	1/15/2019	Anion	Fluoride	n/a	=	91	%	EPA 300.0	-88	-88	86	107	
2018/19-3	000NONPJ	matrix spike dup, rec	1/15/2019	Anion	Fluoride	n/a	=	95	%	EPA 300.0	-88	-88	86	107	
2018/19-3	000NONPJ	matrix spike, rec	1/15/2019	Anion	Fluoride	n/a	=	103	%	EPA 300.0	-88	-88	86	107	
2018/19-3	000NONPJ	matrix spike, rec	1/15/2019	Anion	Fluoride	n/a	=	99	%	EPA 300.0	-88	-88	86	107	

Appendix F
Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2018/19-3	000NONPJ	matrix spike, RPD	1/15/2019	Anion	Fluoride	n/a	=	8	%	EPA 300.0	-88	-88	0	20	
2018/19-3	000NONPJ	matrix spike, RPD	1/15/2019	Anion	Fluoride	n/a	=	8	%	EPA 300.0	-88	-88	0	20	
2018/19-3	Lab	LCS	1/15/2019	Anion	Fluoride	n/a	=	2.06	mg/L	EPA 300.0	0.02	0.1			
2018/19-3	Lab	LCS, rec	1/15/2019	Anion	Fluoride	n/a	=	103	%	EPA 300.0	-88	-88	90	110	
2018/19-3	Lab	method blank	1/15/2019	Anion	Fluoride	n/a	<	0.02	mg/L	EPA 300.0	0.02	0.1			
2018/19-3	000NONPJ	matrix spike	1/9/2019	Anion	Perchlorate	n/a	=	9.45	µg/L	EPA 314.0	0.95	2			
2018/19-3	000NONPJ	matrix spike, rec	1/9/2019	Anion	Perchlorate	n/a	=	95	%	EPA 314.0	-88	-88	80	120	
2018/19-3	000NONPJ	matrix spike dup	1/9/2019	Anion	Perchlorate	n/a	=	9.28	µg/L	EPA 314.0	0.95	2			
2018/19-3	000NONPJ	matrix spike dup, rec	1/9/2019	Anion	Perchlorate	n/a	=	93	%	EPA 314.0	-88	-88	80	120	
2018/19-3	000NONPJ	matrix spike, RPD	1/9/2019	Anion	Perchlorate	n/a	=	2	%	EPA 314.0	-88	-88	0	15	
2018/19-3	000NONPJ	matrix spike	1/16/2019	Anion	Perchlorate	n/a	=	9.45	µg/L	EPA 314.0	0.95	2			
2018/19-3	000NONPJ	matrix spike, rec	1/16/2019	Anion	Perchlorate	n/a	=	94	%	EPA 314.0	-88	-88	80	120	
2018/19-3	000NONPJ	matrix spike dup	1/16/2019	Anion	Perchlorate	n/a	=	9.48	µg/L	EPA 314.0	0.95	2			
2018/19-3	000NONPJ	matrix spike dup, rec	1/16/2019	Anion	Perchlorate	n/a	=	95	%	EPA 314.0	-88	-88	80	120	
2018/19-3	000NONPJ	matrix spike, RPD	1/16/2019	Anion	Perchlorate	n/a	=	0.4	%	EPA 314.0	-88	-88	0	15	
2018/19-3	Lab	method blank	1/9/2019	Anion	Perchlorate	n/a	<	0.95	µg/L	EPA 314.0	0.95	2			
2018/19-3	Lab	LCS	1/9/2019	Anion	Perchlorate	n/a	=	9.96	µg/L	EPA 314.0	0.95	2			
2018/19-3	Lab	LCS, rec	1/9/2019	Anion	Perchlorate	n/a	=	100	%	EPA 314.0	-88	-88	85	115	
2018/19-3	Lab	method blank	1/16/2019	Anion	Perchlorate	n/a	<	0.95	µg/L	EPA 314.0	0.95	2			
2018/19-3	Lab	LCS	1/16/2019	Anion	Perchlorate	n/a	=	10	µg/L	EPA 314.0	0.95	2			
2018/19-3	Lab	LCS, rec	1/16/2019	Anion	Perchlorate	n/a	=	100	%	EPA 314.0	-88	-88	85	115	
2018/19-3	000NONPJ	matrix spike	1/15/2019	Anion	Sulfate	Total	=	222	mg/L	EPA 300.0	1	5			
2018/19-3	000NONPJ	matrix spike	1/15/2019	Anion	Sulfate	Total	=	185	mg/L	EPA 300.0	1	5			
2018/19-3	000NONPJ	matrix spike dup	1/15/2019	Anion	Sulfate	Total	=	225	mg/L	EPA 300.0	1	5			
2018/19-3	000NONPJ	matrix spike dup	1/15/2019	Anion	Sulfate	Total	=	186	mg/L	EPA 300.0	1	5			
2018/19-3	000NONPJ	matrix spike dup, rec	1/15/2019	Anion	Sulfate	Total	=	88	%	EPA 300.0	-88	-88	78	111	
2018/19-3	000NONPJ	matrix spike dup, rec	1/15/2019	Anion	Sulfate	Total	=	92	%	EPA 300.0	-88	-88	78	111	
2018/19-3	000NONPJ	matrix spike, rec	1/15/2019	Anion	Sulfate	Total	=	91	%	EPA 300.0	-88	-88	78	111	
2018/19-3	000NONPJ	matrix spike, rec	1/15/2019	Anion	Sulfate	Total	=	86	%	EPA 300.0	-88	-88	78	111	
2018/19-3	000NONPJ	matrix spike, RPD	1/15/2019	Anion	Sulfate	Total	=	0.8	%	EPA 300.0	-88	-88	0	20	
2018/19-3	000NONPJ	matrix spike, RPD	1/15/2019	Anion	Sulfate	Total	=	1	%	EPA 300.0	-88	-88	0	20	
2018/19-3	Lab	LCS	1/15/2019	Anion	Sulfate	Total	=	18.3	mg/L	EPA 300.0	0.1	0.5			
2018/19-3	Lab	LCS, rec	1/15/2019	Anion	Sulfate	Total	=	91	%	EPA 300.0	-88	-88	90	110	
2018/19-3	Lab	method blank	1/15/2019	Anion	Sulfate	Total	<	0.1	mg/L	EPA 300.0	0.1	0.5			
2018/19-3	MO-OJA	field duplicate	1/6/2019	Bacteriological	E. Coli	n/a	=	10462	MPN/100 mL	MMO-MUG	10	10	-88	-88	
2018/19-3	MO-OJA	field duplicate	1/6/2019	Bacteriological	Total Coliform	n/a	=	129970	MPN/100 mL	MMO-MUG	100	100	-88	-88	
2018/19-3	Lab	method blank	1/30/2019	Cation	Calcium	Total	<	0.016	mg/L	EPA 200.7	0.016	0.1			
2018/19-3	Lab	LCS	1/30/2019	Cation	Calcium	Total	=	52	mg/L	EPA 200.7	0.016	0.1			
2018/19-3	Lab	LCS, rec	1/30/2019	Cation	Calcium	Total	=	104	%	EPA 200.7	-88	-88	85	115	
2018/19-3	Lab	method blank	1/30/2019	Cation	Calcium	Total	<	0.016	mg/L	EPA 200.7	0.016	0.1			
2018/19-3	Lab	LCS	1/30/2019	Cation	Calcium	Total	=	51.3	mg/L	EPA 200.7	0.016	0.1			
2018/19-3	Lab	LCS, rec	1/30/2019	Cation	Calcium	Total	=	102	%	EPA 200.7	-88	-88	85	115	
2018/19-3	ME-SCR	matrix spike	1/30/2019	Cation	Calcium	Total	=	176	mg/L	EPA 200.7	0.016	0.1			
2018/19-3	ME-SCR	matrix spike, rec	1/30/2019	Cation	Calcium	Total	=	95	%	EPA 200.7	-88	-88	70	130	
2018/19-3	ME-SCR	matrix spike dup	1/30/2019	Cation	Calcium	Total	=	175	mg/L	EPA 200.7	0.016	0.1			
2018/19-3	ME-SCR	matrix spike dup, rec	1/30/2019	Cation	Calcium	Total	=	94	%	EPA 200.7	-88	-88	70	130	
2018/19-3	ME-SCR	matrix spike, RPD	1/30/2019	Cation	Calcium	Total	=	0.3	%	EPA 200.7	-88	-88	0	30	

Appendix F
Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2018/19-3	ME-VR2	matrix spike	1/30/2019	Cation	Calcium	Total	=	183	mg/L	EPA 200.7	0.016	0.1			
2018/19-3	ME-VR2	matrix spike, rec	1/30/2019	Cation	Calcium	Total	=	95	%	EPA 200.7	-88	-88	70	130	
2018/19-3	ME-VR2	matrix spike dup	1/30/2019	Cation	Calcium	Total	=	184	mg/L	EPA 200.7	0.016	0.1			
2018/19-3	ME-VR2	matrix spike dup, rec	1/30/2019	Cation	Calcium	Total	=	95	%	EPA 200.7	-88	-88	70	130	
2018/19-3	ME-VR2	matrix spike, RPD	1/30/2019	Cation	Calcium	Total	=	0.1	%	EPA 200.7	-88	-88	0	30	
2018/19-3	MO-THO	matrix spike	1/30/2019	Cation	Calcium	Total	=	124	mg/L	EPA 200.7	0.016	0.1			
2018/19-3	MO-THO	matrix spike, rec	1/30/2019	Cation	Calcium	Total	=	95	%	EPA 200.7	-88	-88	70	130	
2018/19-3	MO-THO	matrix spike dup	1/30/2019	Cation	Calcium	Total	=	124	mg/L	EPA 200.7	0.016	0.1			
2018/19-3	MO-THO	matrix spike dup, rec	1/30/2019	Cation	Calcium	Total	=	95	%	EPA 200.7	-88	-88	70	130	
2018/19-3	MO-THO	matrix spike, RPD	1/30/2019	Cation	Calcium	Total	=	0.2	%	EPA 200.7	-88	-88	0	30	
2018/19-3	Lab	method blank	1/30/2019	Cation	Magnesium	Total	<	0.012	mg/L	EPA 200.7	0.012	0.1			
2018/19-3	Lab	LCS	1/30/2019	Cation	Magnesium	Total	=	50.3	mg/L	EPA 200.7	0.012	0.1			
2018/19-3	Lab	LCS, rec	1/30/2019	Cation	Magnesium	Total	=	100	%	EPA 200.7	-88	-88	85	115	
2018/19-3	Lab	method blank	1/30/2019	Cation	Magnesium	Total	<	0.012	mg/L	EPA 200.7	0.012	0.1			
2018/19-3	Lab	LCS	1/30/2019	Cation	Magnesium	Total	=	49.6	mg/L	EPA 200.7	0.012	0.1			
2018/19-3	Lab	LCS, rec	1/30/2019	Cation	Magnesium	Total	=	99	%	EPA 200.7	-88	-88	85	115	
2018/19-3	ME-SCR	matrix spike	1/30/2019	Cation	Magnesium	Total	=	103	mg/L	EPA 200.7	0.012	0.1			
2018/19-3	ME-SCR	matrix spike, rec	1/30/2019	Cation	Magnesium	Total	=	98	%	EPA 200.7	-88	-88	70	130	
2018/19-3	ME-SCR	matrix spike dup	1/30/2019	Cation	Magnesium	Total	=	103	mg/L	EPA 200.7	0.012	0.1			
2018/19-3	ME-SCR	matrix spike dup, rec	1/30/2019	Cation	Magnesium	Total	=	99	%	EPA 200.7	-88	-88	70	130	
2018/19-3	ME-SCR	matrix spike, RPD	1/30/2019	Cation	Magnesium	Total	=	0.1	%	EPA 200.7	-88	-88	0	30	
2018/19-3	ME-VR2	matrix spike	1/30/2019	Cation	Magnesium	Total	=	84.2	mg/L	EPA 200.7	0.012	0.1			
2018/19-3	ME-VR2	matrix spike, rec	1/30/2019	Cation	Magnesium	Total	=	98	%	EPA 200.7	-88	-88	70	130	
2018/19-3	ME-VR2	matrix spike dup	1/30/2019	Cation	Magnesium	Total	=	84.7	mg/L	EPA 200.7	0.012	0.1			
2018/19-3	ME-VR2	matrix spike dup, rec	1/30/2019	Cation	Magnesium	Total	=	99	%	EPA 200.7	-88	-88	70	130	
2018/19-3	ME-VR2	matrix spike, RPD	1/30/2019	Cation	Magnesium	Total	=	0.6	%	EPA 200.7	-88	-88	0	30	
2018/19-3	MO-THO	matrix spike	1/30/2019	Cation	Magnesium	Total	=	109	mg/L	EPA 200.7	0.012	0.1			
2018/19-3	MO-THO	matrix spike, rec	1/30/2019	Cation	Magnesium	Total	=	97	%	EPA 200.7	-88	-88	70	130	
2018/19-3	MO-THO	matrix spike dup	1/30/2019	Cation	Magnesium	Total	=	109	mg/L	EPA 200.7	0.012	0.1			
2018/19-3	MO-THO	matrix spike dup, rec	1/30/2019	Cation	Magnesium	Total	=	97	%	EPA 200.7	-88	-88	70	130	
2018/19-3	MO-THO	matrix spike, RPD	1/30/2019	Cation	Magnesium	Total	=	0.1	%	EPA 200.7	-88	-88	0	30	
2018/19-3	Lab	method blank	1/30/2019	Cation	Potassium	Total	<	0.081	mg/L	EPA 200.7	0.081	0.1			
2018/19-3	Lab	LCS	1/30/2019	Cation	Potassium	Total	=	53.7	mg/L	EPA 200.7	0.081	0.1			
2018/19-3	Lab	LCS, rec	1/30/2019	Cation	Potassium	Total	=	107	%	EPA 200.7	-88	-88	85	115	
2018/19-3	Lab	method blank	1/30/2019	Cation	Potassium	Total	<	0.081	mg/L	EPA 200.7	0.081	0.1			
2018/19-3	Lab	LCS	1/30/2019	Cation	Potassium	Total	=	53.1	mg/L	EPA 200.7	0.081	0.1			
2018/19-3	Lab	LCS, rec	1/30/2019	Cation	Potassium	Total	=	106	%	EPA 200.7	-88	-88	85	115	
2018/19-3	ME-SCR	matrix spike	1/30/2019	Cation	Potassium	Total	=	62.9	mg/L	EPA 200.7	0.081	0.1			
2018/19-3	ME-SCR	matrix spike, rec	1/30/2019	Cation	Potassium	Total	=	112	%	EPA 200.7	-88	-88	70	130	
2018/19-3	ME-SCR	matrix spike dup	1/30/2019	Cation	Potassium	Total	=	62.9	mg/L	EPA 200.7	0.081	0.1			
2018/19-3	ME-SCR	matrix spike dup, rec	1/30/2019	Cation	Potassium	Total	=	112	%	EPA 200.7	-88	-88	70	130	
2018/19-3	ME-SCR	matrix spike, RPD	1/30/2019	Cation	Potassium	Total	=	0.05	%	EPA 200.7	-88	-88	0	30	
2018/19-3	ME-VR2	matrix spike	1/30/2019	Cation	Potassium	Total	=	59.5	mg/L	EPA 200.7	0.081	0.1			
2018/19-3	ME-VR2	matrix spike, rec	1/30/2019	Cation	Potassium	Total	=	112	%	EPA 200.7	-88	-88	70	130	
2018/19-3	ME-VR2	matrix spike dup	1/30/2019	Cation	Potassium	Total	=	59.6	mg/L	EPA 200.7	0.081	0.1			
2018/19-3	ME-VR2	matrix spike dup, rec	1/30/2019	Cation	Potassium	Total	=	112	%	EPA 200.7	-88	-88	70	130	
2018/19-3	ME-VR2	matrix spike, RPD	1/30/2019	Cation	Potassium	Total	=	0.03	%	EPA 200.7	-88	-88	0	30	

Appendix F
Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2018/19-3	MO-THO	matrix spike	1/30/2019	Cation	Potassium	Total	=	61.2	mg/L	EPA 200.7	0.081	0.1			
2018/19-3	MO-THO	matrix spike, rec	1/30/2019	Cation	Potassium	Total	=	113	%	EPA 200.7	-88	-88	70	130	
2018/19-3	MO-THO	matrix spike dup	1/30/2019	Cation	Potassium	Total	=	61.1	mg/L	EPA 200.7	0.081	0.1			
2018/19-3	MO-THO	matrix spike dup, rec	1/30/2019	Cation	Potassium	Total	=	113	%	EPA 200.7	-88	-88	70	130	
2018/19-3	MO-THO	matrix spike, RPD	1/30/2019	Cation	Potassium	Total	=	0.2	%	EPA 200.7	-88	-88	0	30	
2018/19-3	Lab	method blank	1/30/2019	Cation	Sodium	Total	DNQ	0.029	mg/L	EPA 200.7	0.015	0.5			IP
2018/19-3	Lab	LCS	1/30/2019	Cation	Sodium	Total	=	51.2	mg/L	EPA 200.7	0.015	0.5			
2018/19-3	Lab	LCS, rec	1/30/2019	Cation	Sodium	Total	=	102	%	EPA 200.7	-88	-88	85	115	
2018/19-3	Lab	method blank	1/30/2019	Cation	Sodium	Total	DNQ	0.036	mg/L	EPA 200.7	0.015	0.5			IP
2018/19-3	Lab	LCS	1/30/2019	Cation	Sodium	Total	=	50.8	mg/L	EPA 200.7	0.015	0.5			
2018/19-3	Lab	LCS, rec	1/30/2019	Cation	Sodium	Total	=	101	%	EPA 200.7	-88	-88	85	115	
2018/19-3	ME-SCR	matrix spike	1/30/2019	Cation	Sodium	Total	=	149	mg/L	EPA 200.7	0.015	0.5			
2018/19-3	ME-SCR	matrix spike, rec	1/30/2019	Cation	Sodium	Total	=	100	%	EPA 200.7	-88	-88	70	130	
2018/19-3	ME-SCR	matrix spike dup	1/30/2019	Cation	Sodium	Total	=	149	mg/L	EPA 200.7	0.015	0.5			
2018/19-3	ME-SCR	matrix spike dup, rec	1/30/2019	Cation	Sodium	Total	=	98	%	EPA 200.7	-88	-88	70	130	
2018/19-3	ME-SCR	matrix spike, RPD	1/30/2019	Cation	Sodium	Total	=	0.5	%	EPA 200.7	-88	-88	0	30	
2018/19-3	ME-VR2	matrix spike	1/30/2019	Cation	Sodium	Total	=	116	mg/L	EPA 200.7	0.015	0.5			
2018/19-3	ME-VR2	matrix spike, rec	1/30/2019	Cation	Sodium	Total	=	105	%	EPA 200.7	-88	-88	70	130	
2018/19-3	ME-VR2	matrix spike dup	1/30/2019	Cation	Sodium	Total	=	115	mg/L	EPA 200.7	0.015	0.5			
2018/19-3	ME-VR2	matrix spike dup, rec	1/30/2019	Cation	Sodium	Total	=	104	%	EPA 200.7	-88	-88	70	130	
2018/19-3	ME-VR2	matrix spike, RPD	1/30/2019	Cation	Sodium	Total	=	0.3	%	EPA 200.7	-88	-88	0	30	
2018/19-3	MO-THO	matrix spike	1/30/2019	Cation	Sodium	Total	=	131	mg/L	EPA 200.7	0.015	0.5			
2018/19-3	MO-THO	matrix spike, rec	1/30/2019	Cation	Sodium	Total	=	98	%	EPA 200.7	-88	-88	70	130	
2018/19-3	MO-THO	matrix spike dup	1/30/2019	Cation	Sodium	Total	=	132	mg/L	EPA 200.7	0.015	0.5			
2018/19-3	MO-THO	matrix spike dup, rec	1/30/2019	Cation	Sodium	Total	=	99	%	EPA 200.7	-88	-88	70	130	
2018/19-3	MO-THO	matrix spike, RPD	1/30/2019	Cation	Sodium	Total	=	0.4	%	EPA 200.7	-88	-88	0	30	
2018/19-3	Lab	LCS	1/11/2019	Conventional	Alkalinity as CaCO3	n/a	=	255	mg/L	SM 2320 B	0.56	2			
2018/19-3	Lab	LCS, rec	1/11/2019	Conventional	Alkalinity as CaCO3	n/a	=	102	%	SM 2320 B	-88	-88	94	108	
2018/19-3	Lab	method blank	1/11/2019	Conventional	Alkalinity as CaCO3	n/a	DNQ	0.77	mg/L	SM 2320 B	0.56	2			IP
2018/19-3	ME-CC	lab duplicate	1/11/2019	Conventional	Alkalinity as CaCO3	n/a	=	107	mg/L	SM 2320 B	0.56	2		15	
2018/19-3	000NONPJ	lab duplicate	1/12/2019	Conventional	BOD	n/a	=	12.4	mg/L	SM 5210 B	2	2		20	IL
2018/19-3	000NONPJ	lab duplicate	1/12/2019	Conventional	BOD	n/a	=	17.6	mg/L	SM 5210 B	2	2		20	
2018/19-3	Lab	method blank	1/12/2019	Conventional	BOD	n/a	<	2	mg/L	SM 5210 B	2	2			
2018/19-3	Lab	method blank	1/12/2019	Conventional	BOD	n/a	<	2	mg/L	SM 5210 B	2	2			
2018/19-3	Lab	LCS	1/12/2019	Conventional	BOD	n/a	=	214	mg/L	SM 5210 B	2	2			
2018/19-3	Lab	LCS, rec	1/12/2019	Conventional	BOD	n/a	=	108	%	SM 5210 B	-88	-88	85	115	
2018/19-3	Lab	method blank	1/12/2019	Conventional	BOD	n/a	<	2	mg/L	SM 5210 B	2	2			
2018/19-3	Lab	method blank	1/12/2019	Conventional	BOD	n/a	<	2	mg/L	SM 5210 B	2	2			
2018/19-3	Lab	LCS	1/12/2019	Conventional	BOD	n/a	=	226	mg/L	SM 5210 B	2	2			
2018/19-3	Lab	LCS, rec	1/12/2019	Conventional	BOD	n/a	=	114	%	SM 5210 B	-88	-88	85	115	
2018/19-3	ME-SCR	lab duplicate	1/12/2019	Conventional	BOD	n/a	=	4.66	mg/L	SM 5210 B	2	2		20	IL
2018/19-3	000NONPJ	lab duplicate	1/17/2019	Conventional	COD	n/a	=	2100	mg/L	EPA 410.4	1.5	10		15	
2018/19-3	000NONPJ	matrix spike	1/17/2019	Conventional	COD	n/a	=	231	mg/L	EPA 410.4	2.9	20			
2018/19-3	000NONPJ	matrix spike	1/17/2019	Conventional	COD	n/a	=	2770	mg/L	EPA 410.4	2.9	20			
2018/19-3	000NONPJ	matrix spike dup	1/17/2019	Conventional	COD	n/a	=	224	mg/L	EPA 410.4	2.9	20			
2018/19-3	000NONPJ	matrix spike dup	1/17/2019	Conventional	COD	n/a	=	2770	mg/L	EPA 410.4	2.9	20			
2018/19-3	000NONPJ	matrix spike dup, rec	1/17/2019	Conventional	COD	n/a	=	96	%	EPA 410.4	-88	-88	90	110	

Appendix F
Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2018/19-3	000NONPJ	matrix spike dup, rec	1/17/2019	Conventional	COD	n/a	=	91	%	EPA 410.4	-88	-88	90	110	
2018/19-3	000NONPJ	matrix spike, rec	1/17/2019	Conventional	COD	n/a	=	99	%	EPA 410.4	-88	-88	90	110	
2018/19-3	000NONPJ	matrix spike, rec	1/17/2019	Conventional	COD	n/a	=	91	%	EPA 410.4	-88	-88	90	110	
2018/19-3	000NONPJ	matrix spike, RPD	1/17/2019	Conventional	COD	n/a	=	3	%	EPA 410.4	-88	-88	0	15	
2018/19-3	000NONPJ	matrix spike, RPD	1/17/2019	Conventional	COD	n/a	=	0	%	EPA 410.4	-88	-88	0	15	
2018/19-3	Lab	LCS	1/17/2019	Conventional	COD	n/a	=	1030	mg/L	EPA 410.4	0.73	5			
2018/19-3	Lab	LCS, rec	1/17/2019	Conventional	COD	n/a	=	103	%	EPA 410.4	-88	-88	90	110	
2018/19-3	Lab	method blank	1/17/2019	Conventional	COD	n/a	<	0.73	mg/L	EPA 410.4	0.73	5			
2018/19-3	000NONPJ	matrix spike	1/11/2019	Conventional	Cyanide	Total	=	0.0465	mg/L	ASTM D7511	0.0005	0.002			
2018/19-3	000NONPJ	matrix spike dup	1/11/2019	Conventional	Cyanide	Total	=	0.0459	mg/L	ASTM D7511	0.0005	0.002			
2018/19-3	000NONPJ	matrix spike dup, rec	1/11/2019	Conventional	Cyanide	Total	=	93	%	ASTM D7511	-88	-88	64	136	
2018/19-3	000NONPJ	matrix spike, rec	1/11/2019	Conventional	Cyanide	Total	=	94	%	ASTM D7511	-88	-88	64	136	
2018/19-3	000NONPJ	matrix spike, RPD	1/11/2019	Conventional	Cyanide	Total	=	1	%	ASTM D7511	-88	-88	0	47	
2018/19-3	000NONPJ	matrix spike	1/16/2019	Conventional	Cyanide	Total	=	0.045	mg/L	ASTM D7511	0.0005	0.002			
2018/19-3	000NONPJ	matrix spike dup	1/16/2019	Conventional	Cyanide	Total	=	0.0449	mg/L	ASTM D7511	0.0005	0.002			
2018/19-3	000NONPJ	matrix spike dup, rec	1/16/2019	Conventional	Cyanide	Total	=	87	%	ASTM D7511	-88	-88	64	136	
2018/19-3	000NONPJ	matrix spike, rec	1/16/2019	Conventional	Cyanide	Total	=	87	%	ASTM D7511	-88	-88	64	136	
2018/19-3	000NONPJ	matrix spike, RPD	1/16/2019	Conventional	Cyanide	Total	=	0.3	%	ASTM D7511	-88	-88	0	47	
2018/19-3	000NONPJ	matrix spike	1/17/2019	Conventional	Cyanide	Total	=	0.0464	mg/L	ASTM D7511	0.0005	0.002			
2018/19-3	000NONPJ	matrix spike dup	1/17/2019	Conventional	Cyanide	Total	=	0.0471	mg/L	ASTM D7511	0.0005	0.002			
2018/19-3	000NONPJ	matrix spike dup, rec	1/17/2019	Conventional	Cyanide	Total	=	96	%	ASTM D7511	-88	-88	64	136	
2018/19-3	000NONPJ	matrix spike, rec	1/17/2019	Conventional	Cyanide	Total	=	94	%	ASTM D7511	-88	-88	64	136	
2018/19-3	000NONPJ	matrix spike, RPD	1/17/2019	Conventional	Cyanide	Total	=	2	%	ASTM D7511	-88	-88	0	47	
2018/19-3	Lab	LCS	1/11/2019	Conventional	Cyanide	Total	=	0.048	mg/L	ASTM D7511	0.0005	0.002			
2018/19-3	Lab	LCS, rec	1/11/2019	Conventional	Cyanide	Total	=	98	%	ASTM D7511	-88	-88	84	116	
2018/19-3	Lab	method blank	1/11/2019	Conventional	Cyanide	Total	<	0.0005	mg/L	ASTM D7511	0.0005	0.002			
2018/19-3	Lab	LCS	1/16/2019	Conventional	Cyanide	Total	=	0.0472	mg/L	ASTM D7511	0.0005	0.002			
2018/19-3	Lab	LCS dup	1/16/2019	Conventional	Cyanide	Total	=	0.0456	mg/L	ASTM D7511	0.0005	0.002			
2018/19-3	Lab	LCS dup, rec	1/16/2019	Conventional	Cyanide	Total	=	91	%	ASTM D7511	-88	-88	84	116	
2018/19-3	Lab	LCS, rec	1/16/2019	Conventional	Cyanide	Total	=	94	%	ASTM D7511	-88	-88	84	116	
2018/19-3	Lab	LCS, RPD	1/16/2019	Conventional	Cyanide	Total	=	3	%	ASTM D7511	-88	-88	0	12	
2018/19-3	Lab	method blank	1/16/2019	Conventional	Cyanide	Total	<	0.0005	mg/L	ASTM D7511	0.0005	0.002			
2018/19-3	Lab	LCS	1/17/2019	Conventional	Cyanide	Total	=	0.0504	mg/L	ASTM D7511	0.0005	0.002			
2018/19-3	Lab	LCS dup	1/17/2019	Conventional	Cyanide	Total	=	0.0493	mg/L	ASTM D7511	0.0005	0.002			
2018/19-3	Lab	LCS dup, rec	1/17/2019	Conventional	Cyanide	Total	=	98	%	ASTM D7511	-88	-88	84	116	
2018/19-3	Lab	LCS, rec	1/17/2019	Conventional	Cyanide	Total	=	100	%	ASTM D7511	-88	-88	84	116	
2018/19-3	Lab	LCS, RPD	1/17/2019	Conventional	Cyanide	Total	=	2	%	ASTM D7511	-88	-88	0	12	
2018/19-3	Lab	method blank	1/17/2019	Conventional	Cyanide	Total	<	0.0005	mg/L	ASTM D7511	0.0005	0.002			
2018/19-3	MO-OJA	field duplicate	1/16/2019	Conventional	Cyanide	Total	DNQ	0.0013	mg/L	ASTM D7511	0.0005	0.002			
2018/19-3	Lab	LCS	1/31/2019	Conventional	Dissolved Organic Carbon	Dissolved	=	9.41	mg/L	SM 5310 B	0.65	1			
2018/19-3	Lab	LCS, rec	1/31/2019	Conventional	Dissolved Organic Carbon	Dissolved	=	94	%	SM 5310 B	-88	-88	85	115	
2018/19-3	Lab	method blank	1/31/2019	Conventional	Dissolved Organic Carbon	Dissolved	<	0.65	mg/L	SM 5310 B	0.65	1			
2018/19-3	000NONPJ	matrix spike	1/7/2019	Conventional	MBAS	n/a	=	0.41	mg/L	SM 5540 C	0.019	0.05			
2018/19-3	000NONPJ	matrix spike dup	1/7/2019	Conventional	MBAS	n/a	=	0.396	mg/L	SM 5540 C	0.019	0.05			
2018/19-3	000NONPJ	matrix spike dup, rec	1/7/2019	Conventional	MBAS	n/a	=	104	%	SM 5540 C	-88	-88	74	123	
2018/19-3	000NONPJ	matrix spike, rec	1/7/2019	Conventional	MBAS	n/a	=	111	%	SM 5540 C	-88	-88	74	123	
2018/19-3	000NONPJ	matrix spike, RPD	1/7/2019	Conventional	MBAS	n/a	=	3	%	SM 5540 C	-88	-88	0	20	

Appendix F
Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2018/19-3	Lab	LCS	1/7/2019	Conventional	MBAS	n/a	=	0.197	mg/L	SM 5540 C	0.019	0.05			
2018/19-3	Lab	LCS, rec	1/7/2019	Conventional	MBAS	n/a	=	98	%	SM 5540 C	-88	-88	82	115	
2018/19-3	Lab	method blank	1/7/2019	Conventional	MBAS	n/a	<	0.019	mg/L	SM 5540 C	0.019	0.05			
2018/19-3	000NONPJ	matrix spike	1/17/2019	Conventional	Phenolics	n/a	=	0.252	mg/L	EPA 420.4	0.0042	0.01			
2018/19-3	000NONPJ	matrix spike dup	1/17/2019	Conventional	Phenolics	n/a	=	0.246	mg/L	EPA 420.4	0.0042	0.01			
2018/19-3	000NONPJ	matrix spike dup, rec	1/17/2019	Conventional	Phenolics	n/a	=	98	%	EPA 420.4	-88	-88	90	110	
2018/19-3	000NONPJ	matrix spike, rec	1/17/2019	Conventional	Phenolics	n/a	=	101	%	EPA 420.4	-88	-88	90	110	
2018/19-3	000NONPJ	matrix spike, RPD	1/17/2019	Conventional	Phenolics	n/a	=	2	%	EPA 420.4	-88	-88	0	20	
2018/19-3	000NONPJ	matrix spike	2/2/2019	Conventional	Phenolics	n/a	=	0.239	mg/L	EPA 420.4	0.0042	0.01			
2018/19-3	000NONPJ	matrix spike dup	2/2/2019	Conventional	Phenolics	n/a	=	0.241	mg/L	EPA 420.4	0.0042	0.01			
2018/19-3	000NONPJ	matrix spike dup, rec	2/2/2019	Conventional	Phenolics	n/a	=	96	%	EPA 420.4	-88	-88	90	110	
2018/19-3	000NONPJ	matrix spike, rec	2/2/2019	Conventional	Phenolics	n/a	=	96	%	EPA 420.4	-88	-88	90	110	
2018/19-3	000NONPJ	matrix spike, RPD	2/2/2019	Conventional	Phenolics	n/a	=	0.7	%	EPA 420.4	-88	-88	0	20	
2018/19-3	000NONPJ	matrix spike	2/2/2019	Conventional	Phenolics	n/a	=	0.253	mg/L	EPA 420.4	0.0042	0.01			
2018/19-3	000NONPJ	matrix spike dup	2/2/2019	Conventional	Phenolics	n/a	=	0.25	mg/L	EPA 420.4	0.0042	0.01			
2018/19-3	000NONPJ	matrix spike dup, rec	2/2/2019	Conventional	Phenolics	n/a	=	100	%	EPA 420.4	-88	-88	90	110	
2018/19-3	000NONPJ	matrix spike, rec	2/2/2019	Conventional	Phenolics	n/a	=	101	%	EPA 420.4	-88	-88	90	110	
2018/19-3	000NONPJ	matrix spike, RPD	2/2/2019	Conventional	Phenolics	n/a	=	1	%	EPA 420.4	-88	-88	0	20	
2018/19-3	Lab	LCS	1/17/2019	Conventional	Phenolics	n/a	=	0.093	mg/L	EPA 420.4	0.0042	0.01			
2018/19-3	Lab	LCS, rec	1/17/2019	Conventional	Phenolics	n/a	=	93	%	EPA 420.4	-88	-88	90	110	
2018/19-3	Lab	method blank	1/17/2019	Conventional	Phenolics	n/a	<	0.0042	mg/L	EPA 420.4	0.0042	0.01			
2018/19-3	Lab	LCS	2/2/2019	Conventional	Phenolics	n/a	=	0.0936	mg/L	EPA 420.4	0.0042	0.01			
2018/19-3	Lab	LCS, rec	2/2/2019	Conventional	Phenolics	n/a	=	94	%	EPA 420.4	-88	-88	90	110	
2018/19-3	Lab	method blank	2/2/2019	Conventional	Phenolics	n/a	<	0.0042	mg/L	EPA 420.4	0.0042	0.01			
2018/19-3	Lab	LCS	2/2/2019	Conventional	Phenolics	n/a	=	0.094	mg/L	EPA 420.4	0.0042	0.01			
2018/19-3	Lab	LCS, rec	2/2/2019	Conventional	Phenolics	n/a	=	94	%	EPA 420.4	-88	-88	90	110	
2018/19-3	Lab	method blank	2/2/2019	Conventional	Phenolics	n/a	<	0.0042	mg/L	EPA 420.4	0.0042	0.01			
2018/19-3	000NONPJ	lab duplicate	1/10/2019	Conventional	Specific Conductance	n/a	=	768	µmhos/cm	SM 2510 B	0.23	2		4.28	
2018/19-3	000NONPJ	lab duplicate	1/16/2019	Conventional	Specific Conductance	n/a	=	624	µmhos/cm	SM 2510 B	0.23	2		4.28	
2018/19-3	000NONPJ	lab duplicate	1/17/2019	Conventional	Specific Conductance	n/a	=	50600	µmhos/cm	SM 2510 B	0.23	2		4.28	
2018/19-3	Lab	LCS	1/10/2019	Conventional	Specific Conductance	n/a	=	297	µmhos/cm	SM 2510 B	0.23	2			
2018/19-3	Lab	LCS, rec	1/10/2019	Conventional	Specific Conductance	n/a	=	96	%	SM 2510 B	-88	-88	95	105	
2018/19-3	Lab	method blank	1/10/2019	Conventional	Specific Conductance	n/a	<	0.23	µmhos/cm	SM 2510 B	0.23	2			
2018/19-3	Lab	LCS	1/10/2019	Conventional	Specific Conductance	n/a	=	307	µmhos/cm	SM 2510 B	0.23	2			
2018/19-3	Lab	LCS, rec	1/10/2019	Conventional	Specific Conductance	n/a	=	99	%	SM 2510 B	-88	-88	95	105	
2018/19-3	Lab	method blank	1/10/2019	Conventional	Specific Conductance	n/a	<	0.23	µmhos/cm	SM 2510 B	0.23	2			
2018/19-3	Lab	LCS	1/16/2019	Conventional	Specific Conductance	n/a	=	299	µmhos/cm	SM 2510 B	0.23	2			
2018/19-3	Lab	LCS, rec	1/16/2019	Conventional	Specific Conductance	n/a	=	97	%	SM 2510 B	-88	-88	95	105	
2018/19-3	Lab	method blank	1/16/2019	Conventional	Specific Conductance	n/a	<	0.23	µmhos/cm	SM 2510 B	0.23	2			
2018/19-3	Lab	LCS	1/17/2019	Conventional	Specific Conductance	n/a	=	25600	µmhos/cm	SM 2510 B	0.23	2			
2018/19-3	Lab	LCS, rec	1/17/2019	Conventional	Specific Conductance	n/a	=	102	%	SM 2510 B	-88	-88	95	105	
2018/19-3	Lab	method blank	1/17/2019	Conventional	Specific Conductance	n/a	<	0.23	µmhos/cm	SM 2510 B	0.23	2			
2018/19-3	MO-THO	lab duplicate	1/10/2019	Conventional	Specific Conductance	n/a	=	1100	µmhos/cm	SM 2510 B	0.23	2		4.28	
2018/19-3	Lab	LCS	1/7/2019	Conventional	Total Chlorine Residual	n/a	=	0.188	mg/L	SM 4500-Cl G	0.0015	0.05			
2018/19-3	Lab	LCS, rec	1/7/2019	Conventional	Total Chlorine Residual	n/a	=	94	%	SM 4500-Cl G	-88	-88	85	110	
2018/19-3	Lab	method blank	1/7/2019	Conventional	Total Chlorine Residual	n/a	DNQ	0.007	mg/L	SM 4500-Cl G	0.0015	0.05			IP
2018/19-3	ME-VR2	matrix spike	1/7/2019	Conventional	Total Chlorine Residual	n/a	=	0.204	mg/L	SM 4500-Cl G	0.0015	0.05			

Appendix F
Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2018/19-3	ME-VR2	matrix spike dup	1/7/2019	Conventional	Total Chlorine Residual	n/a	=	0.176	mg/L	SM 4500-Cl G	0.0015	0.05			GB
2018/19-3	ME-VR2	matrix spike dup, rec	1/7/2019	Conventional	Total Chlorine Residual	n/a	=	76	%	SM 4500-Cl G	-88	-88	78	114	GB
2018/19-3	ME-VR2	matrix spike, rec	1/7/2019	Conventional	Total Chlorine Residual	n/a	=	90	%	SM 4500-Cl G	-88	-88	78	114	
2018/19-3	ME-VR2	matrix spike, RPD	1/7/2019	Conventional	Total Chlorine Residual	n/a	=	15	%	SM 4500-Cl G	-88	-88	0	15	GB
2018/19-3	Lab	LCS	1/10/2019	Conventional	Total Dissolved Solids	n/a	=	831	mg/L	SM 2540 C	4	10			
2018/19-3	Lab	LCS, rec	1/10/2019	Conventional	Total Dissolved Solids	n/a	=	101	%	SM 2540 C	-88	-88	96	102	
2018/19-3	Lab	method blank	1/10/2019	Conventional	Total Dissolved Solids	n/a	<	4	mg/L	SM 2540 C	4	10			
2018/19-3	ME-SCR	lab duplicate	1/10/2019	Conventional	Total Dissolved Solids	n/a	=	1010	mg/L	SM 2540 C	4	10		10	
2018/19-3	MO-HUE	lab duplicate	1/10/2019	Conventional	Total Dissolved Solids	n/a	=	2820	mg/L	SM 2540 C	4	10		10	
2018/19-3	Lab	LCS	1/31/2019	Conventional	Total Organic Carbon	n/a	=	45	mg/L	SM 5310 B	0.21	0.3			
2018/19-3	Lab	LCS	1/31/2019	Conventional	Total Organic Carbon	n/a	=	45	mg/L	SM 5310 B	0.21	0.3			
2018/19-3	Lab	LCS dup	1/31/2019	Conventional	Total Organic Carbon	n/a	=	45	mg/L	SM 5310 B	0.21	0.3			
2018/19-3	Lab	LCS dup	1/31/2019	Conventional	Total Organic Carbon	n/a	=	45	mg/L	SM 5310 B	0.21	0.3			
2018/19-3	Lab	LCS dup, rec	1/31/2019	Conventional	Total Organic Carbon	n/a	=	91	%	SM 5310 B	-88	-88	85	115	
2018/19-3	Lab	LCS dup, rec	1/31/2019	Conventional	Total Organic Carbon	n/a	=	91	%	SM 5310 B	-88	-88	85	115	
2018/19-3	Lab	LCS, rec	1/31/2019	Conventional	Total Organic Carbon	n/a	=	90	%	SM 5310 B	-88	-88	85	115	
2018/19-3	Lab	LCS, rec	1/31/2019	Conventional	Total Organic Carbon	n/a	=	90	%	SM 5310 B	-88	-88	85	115	
2018/19-3	Lab	LCS, RPD	1/31/2019	Conventional	Total Organic Carbon	n/a	=	0.774	%	SM 5310 B	-88	-88	0	20	
2018/19-3	Lab	LCS, RPD	1/31/2019	Conventional	Total Organic Carbon	n/a	=	0.887	%	SM 5310 B	-88	-88	0	20	
2018/19-3	Lab	method blank	1/31/2019	Conventional	Total Organic Carbon	n/a	<	0.21	mg/L	SM 5310 B	0.21	0.3			
2018/19-3	Lab	method blank	1/31/2019	Conventional	Total Organic Carbon	n/a	<	0.21	mg/L	SM 5310 B	0.21	0.3			
2018/19-3	000NONPJ	lab duplicate	1/8/2019	Conventional	Total Suspended Solids	n/a	=	14	mg/L	SM 2540 D	-88	5		20	
2018/19-3	000NONPJ	lab duplicate	1/9/2019	Conventional	Total Suspended Solids	n/a	=	20	mg/L	SM 2540 D	-88	5		20	
2018/19-3	000NONPJ	lab duplicate	1/9/2019	Conventional	Total Suspended Solids	n/a	=	10	mg/L	SM 2540 D	-88	5		20	
2018/19-3	Lab	LCS	1/8/2019	Conventional	Total Suspended Solids	n/a	=	67	mg/L	SM 2540 D	-88	5			
2018/19-3	Lab	LCS, rec	1/8/2019	Conventional	Total Suspended Solids	n/a	=	110	%	SM 2540 D	-88	-88	90	110	
2018/19-3	Lab	method blank	1/8/2019	Conventional	Total Suspended Solids	n/a	<	5	mg/L	SM 2540 D	-88	5			
2018/19-3	Lab	LCS	1/9/2019	Conventional	Total Suspended Solids	n/a	=	73	mg/L	SM 2540 D	-88	5			
2018/19-3	Lab	LCS, rec	1/9/2019	Conventional	Total Suspended Solids	n/a	=	110	%	SM 2540 D	-88	-88	90	110	
2018/19-3	Lab	method blank	1/9/2019	Conventional	Total Suspended Solids	n/a		1	mg/L	SM 2540 D	-88	5			IP
2018/19-3	ME-VR2	lab duplicate	1/8/2019	Conventional	Total Suspended Solids	n/a	DNQ	4	mg/L	SM 2540 D	-88	5		20	
2018/19-3	Lab	LCS	1/7/2019	Conventional	Turbidity	n/a	=	10	NTU	EPA 180.1	0.024	0.1			
2018/19-3	Lab	LCS, rec	1/7/2019	Conventional	Turbidity	n/a	=	100	%	EPA 180.1	-88	-88	90	110	
2018/19-3	Lab	method blank	1/7/2019	Conventional	Turbidity	n/a	<	0.024	NTU	EPA 180.1	0.024	0.1			
2018/19-3	ME-CC	lab duplicate	1/7/2019	Conventional	Turbidity	n/a	=	135	NTU	EPA 180.1	0.48	2		10	
2018/19-3	000NONPJ	lab duplicate	1/8/2019	Conventional	Volatile Suspended Solids	n/a	<	3.1	mg/L	EPA 160.4	3.1	5		15	
2018/19-3	000NONPJ	lab duplicate	1/9/2019	Conventional	Volatile Suspended Solids	n/a	<	3.1	mg/L	EPA 160.4	3.1	5		15	
2018/19-3	000NONPJ	lab duplicate	1/9/2019	Conventional	Volatile Suspended Solids	n/a	=	12	mg/L	EPA 160.4	3.1	5		15	
2018/19-3	Lab	LCS	1/8/2019	Conventional	Volatile Suspended Solids	n/a	=	47	mg/L	EPA 160.4	3.1	5			
2018/19-3	Lab	LCS, rec	1/8/2019	Conventional	Volatile Suspended Solids	n/a	=	108	%	EPA 160.4	-88	-88	90	110	
2018/19-3	Lab	method blank	1/8/2019	Conventional	Volatile Suspended Solids	n/a	<	3.1	mg/L	EPA 160.4	3.1	5			
2018/19-3	Lab	LCS	1/9/2019	Conventional	Volatile Suspended Solids	n/a	=	51	mg/L	EPA 160.4	3.1	5			
2018/19-3	Lab	LCS, rec	1/9/2019	Conventional	Volatile Suspended Solids	n/a	=	109	%	EPA 160.4	-88	-88	90	110	
2018/19-3	Lab	method blank	1/9/2019	Conventional	Volatile Suspended Solids	n/a	<	3.1	mg/L	EPA 160.4	3.1	5			
2018/19-3	ME-VR2	lab duplicate	1/8/2019	Conventional	Volatile Suspended Solids	n/a	<	3.1	mg/L	EPA 160.4	3.1	5		15	
2018/19-3	000NONPJ	matrix spike	1/22/2019	Hydrocarbon	Diesel Range Organics	n/a	=	0.447	mg/L	EPA 8015D	0.024	0.1			
2018/19-3	000NONPJ	matrix spike, rec	1/22/2019	Hydrocarbon	Diesel Range Organics	n/a	=	77	%	EPA 8015D	-88	-88	70	130	

Appendix F
Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2018/19-3	000NONPJ	matrix spike dup	1/22/2019	Hydrocarbon	Diesel Range Organics	n/a	=	0.426	mg/L	EPA 8015D	0.024	0.1			
2018/19-3	000NONPJ	matrix spike dup, rec	1/22/2019	Hydrocarbon	Diesel Range Organics	n/a	=	72	%	EPA 8015D	-88	-88	70	130	
2018/19-3	000NONPJ	matrix spike, RPD	1/22/2019	Hydrocarbon	Diesel Range Organics	n/a	=	5	%	EPA 8015D	-88	-88	0	25	
2018/19-3	Lab	method blank	1/22/2019	Hydrocarbon	Diesel Range Organics	n/a	DNQ	0.0691	mg/L	EPA 8015D	0.024	0.1			IP
2018/19-3	Lab	LCS	1/22/2019	Hydrocarbon	Diesel Range Organics	n/a	=	0.43	mg/L	EPA 8015D	0.024	0.1			
2018/19-3	Lab	LCS, rec	1/22/2019	Hydrocarbon	Diesel Range Organics	n/a	=	86	%	EPA 8015D	-88	-88	56	136	
2018/19-3	Lab	LCS	1/12/2019	Hydrocarbon	Gasoline Range Organics	n/a	=	0.87	mg/L	LUFT GC/MS	0.012	0.1			
2018/19-3	Lab	LCS, rec	1/12/2019	Hydrocarbon	Gasoline Range Organics	n/a	=	87	%	LUFT GC/MS	-88	-88	53	136	
2018/19-3	Lab	LCS dup	1/12/2019	Hydrocarbon	Gasoline Range Organics	n/a	=	0.98	mg/L	LUFT GC/MS	0.012	0.1			
2018/19-3	Lab	LCS dup, rec	1/12/2019	Hydrocarbon	Gasoline Range Organics	n/a	=	98	%	LUFT GC/MS	-88	-88	53	136	
2018/19-3	Lab	LCS, RPD	1/12/2019	Hydrocarbon	Gasoline Range Organics	n/a	=	12	%	LUFT GC/MS	-88	-88	0	25	
2018/19-3	Lab	method blank	1/12/2019	Hydrocarbon	Gasoline Range Organics	n/a	<	0.012	mg/L	LUFT GC/MS	0.012	0.1			
2018/19-3	MO-OJA	field duplicate	1/12/2019	Hydrocarbon	Gasoline Range Organics	n/a	<	0.012	mg/L	LUFT GC/MS	0.012	0.1			
2018/19-3	000NONPJ	srgt matrix spike	1/22/2019	Hydrocarbon	n-Tetracosane	n/a	=	0.267	mg/L	EPA 8015D	-88	-88			
2018/19-3	000NONPJ	srgt matrix spike, rec	1/22/2019	Hydrocarbon	n-Tetracosane	n/a	=	107	%	EPA 8015D	-88	-88	64	155	
2018/19-3	000NONPJ	srgt matrix spike dup	1/22/2019	Hydrocarbon	n-Tetracosane	n/a	=	0.243	mg/L	EPA 8015D	-88	-88			
2018/19-3	000NONPJ	srgt matrix spike dup, rec	1/22/2019	Hydrocarbon	n-Tetracosane	n/a	=	97	%	EPA 8015D	-88	-88	64	155	
2018/19-3	Lab	srgt method blank	1/22/2019	Hydrocarbon	n-Tetracosane	n/a	=	0.261	mg/L	EPA 8015D	-88	-88			
2018/19-3	Lab	srgt method blank, rec	1/22/2019	Hydrocarbon	n-Tetracosane	n/a	=	104	%	EPA 8015D	-88	-88	64	155	
2018/19-3	Lab	srgt LCS	1/22/2019	Hydrocarbon	n-Tetracosane	n/a	=	0.273	mg/L	EPA 8015D	-88	-88			
2018/19-3	Lab	srgt LCS, rec	1/22/2019	Hydrocarbon	n-Tetracosane	n/a	=	109	%	EPA 8015D	-88	-88	64	155	
2018/19-3	ME-CC	srgt environ	1/22/2019	Hydrocarbon	n-Tetracosane	n/a	=	0.205	mg/L	EPA 8015D	-88	-88			
2018/19-3	ME-CC	srgt environ, rec	1/22/2019	Hydrocarbon	n-Tetracosane	n/a	=	82	%	EPA 8015D	-88	-88	64	155	
2018/19-3	ME-SCR	srgt environ	1/22/2019	Hydrocarbon	n-Tetracosane	n/a	=	0.271	mg/L	EPA 8015D	-88	-88			
2018/19-3	ME-SCR	srgt environ, rec	1/22/2019	Hydrocarbon	n-Tetracosane	n/a	=	108	%	EPA 8015D	-88	-88	64	155	
2018/19-3	ME-VR2	srgt environ	1/22/2019	Hydrocarbon	n-Tetracosane	n/a	=	0.278	mg/L	EPA 8015D	-88	-88			
2018/19-3	ME-VR2	srgt environ, rec	1/22/2019	Hydrocarbon	n-Tetracosane	n/a	=	111	%	EPA 8015D	-88	-88	64	155	
2018/19-3	MO-CAM	srgt environ	1/22/2019	Hydrocarbon	n-Tetracosane	n/a	=	0.258	mg/L	EPA 8015D	-88	-88			
2018/19-3	MO-CAM	srgt environ, rec	1/22/2019	Hydrocarbon	n-Tetracosane	n/a	=	103	%	EPA 8015D	-88	-88	64	155	
2018/19-3	MO-FIL	srgt environ	1/23/2019	Hydrocarbon	n-Tetracosane	n/a	=	0.241	mg/L	EPA 8015D	-88	-88			
2018/19-3	MO-FIL	srgt environ, rec	1/23/2019	Hydrocarbon	n-Tetracosane	n/a	=	96	%	EPA 8015D	-88	-88	64	155	
2018/19-3	MO-HUE	srgt environ	1/23/2019	Hydrocarbon	n-Tetracosane	n/a	=	0.301	mg/L	EPA 8015D	-88	-88			
2018/19-3	MO-HUE	srgt environ, rec	1/23/2019	Hydrocarbon	n-Tetracosane	n/a	=	120	%	EPA 8015D	-88	-88	64	155	
2018/19-3	MO-MEI	srgt environ	1/23/2019	Hydrocarbon	n-Tetracosane	n/a	=	0.247	mg/L	EPA 8015D	-88	-88			
2018/19-3	MO-MEI	srgt environ, rec	1/23/2019	Hydrocarbon	n-Tetracosane	n/a	=	99	%	EPA 8015D	-88	-88	64	155	
2018/19-3	MO-MPK	srgt environ	1/23/2019	Hydrocarbon	n-Tetracosane	n/a	=	0.241	mg/L	EPA 8015D	-88	-88			
2018/19-3	MO-MPK	srgt environ, rec	1/23/2019	Hydrocarbon	n-Tetracosane	n/a	=	97	%	EPA 8015D	-88	-88	64	155	
2018/19-3	MO-OJA	srgt environ	1/23/2019	Hydrocarbon	n-Tetracosane	n/a	=	0.283	mg/L	EPA 8015D	-88	-88			
2018/19-3	MO-OJA	srgt environ, rec	1/23/2019	Hydrocarbon	n-Tetracosane	n/a	=	113	%	EPA 8015D	-88	-88	64	155	
2018/19-3	MO-OXN	srgt environ	1/23/2019	Hydrocarbon	n-Tetracosane	n/a	=	0.238	mg/L	EPA 8015D	-88	-88			
2018/19-3	MO-OXN	srgt environ, rec	1/23/2019	Hydrocarbon	n-Tetracosane	n/a	=	95	%	EPA 8015D	-88	-88	64	155	
2018/19-3	MO-SIM	srgt environ	1/23/2019	Hydrocarbon	n-Tetracosane	n/a	=	0.242	mg/L	EPA 8015D	-88	-88			
2018/19-3	MO-SIM	srgt environ, rec	1/23/2019	Hydrocarbon	n-Tetracosane	n/a	=	97	%	EPA 8015D	-88	-88	64	155	
2018/19-3	MO-SPA	srgt environ	1/23/2019	Hydrocarbon	n-Tetracosane	n/a	=	0.24	mg/L	EPA 8015D	-88	-88			
2018/19-3	MO-SPA	srgt environ, rec	1/23/2019	Hydrocarbon	n-Tetracosane	n/a	=	96	%	EPA 8015D	-88	-88	64	155	
2018/19-3	MO-THO	srgt environ	1/23/2019	Hydrocarbon	n-Tetracosane	n/a	=	0.259	mg/L	EPA 8015D	-88	-88			
2018/19-3	MO-THO	srgt environ, rec	1/23/2019	Hydrocarbon	n-Tetracosane	n/a	=	103	%	EPA 8015D	-88	-88	64	155	

Appendix F
Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2018/19-3	MO-VEN	srgt environ	1/23/2019	Hydrocarbon	n-Tetracosane	n/a	=	0.223	mg/L	EPA 8015D	-88	-88			
2018/19-3	MO-VEN	srgt environ, rec	1/23/2019	Hydrocarbon	n-Tetracosane	n/a	=	89	%	EPA 8015D	-88	-88	64	155	
2018/19-3	Lab	LCS	1/11/2019	Hydrocarbon	Oil and Grease	n/a	DNQ	4.3	mg/L	EPA 1664A	1.3	5			
2018/19-3	Lab	LCS	1/11/2019	Hydrocarbon	Oil and Grease	n/a	=	18.3	mg/L	EPA 1664A	1.3	5			
2018/19-3	Lab	LCS dup	1/11/2019	Hydrocarbon	Oil and Grease	n/a	=	18.9	mg/L	EPA 1664A	1.3	5			
2018/19-3	Lab	LCS dup, rec	1/11/2019	Hydrocarbon	Oil and Grease	n/a	=	94	%	EPA 1664A	-88	-88	78	114	
2018/19-3	Lab	LCS, rec	1/11/2019	Hydrocarbon	Oil and Grease	n/a	=	86	%	EPA 1664A	-88	-88	78	114	
2018/19-3	Lab	LCS, rec	1/11/2019	Hydrocarbon	Oil and Grease	n/a	=	92	%	EPA 1664A	-88	-88	78	114	
2018/19-3	Lab	LCS, RPD	1/11/2019	Hydrocarbon	Oil and Grease	n/a	=	3	%	EPA 1664A	-88	-88	0	18	
2018/19-3	Lab	method blank	1/11/2019	Hydrocarbon	Oil and Grease	n/a	<	1.3	mg/L	EPA 1664A	1.3	5			
2018/19-3	MO-OJA	field duplicate	1/11/2019	Hydrocarbon	Oil and Grease	n/a	<	1.3	mg/L	EPA 1664A	1.3	5			
2018/19-3	Lab	method blank	1/22/2019	Hydrocarbon	Oil Range Organics	n/a	<	0.33	mg/L	EPA 8015D	0.33	0.5			
2018/19-3	Lab	method blank	1/16/2019	Metal	Aluminum	Dissolved	<	1.3	µg/L	EPA 200.8	1.3	5			
2018/19-3	Lab	LCS	1/16/2019	Metal	Aluminum	Dissolved	=	49.6	µg/L	EPA 200.8	1.3	5			
2018/19-3	Lab	LCS, rec	1/16/2019	Metal	Aluminum	Dissolved	=	99	%	EPA 200.8	-88	-88	85	115	
2018/19-3	Lab	method blank	2/4/2019	Metal	Aluminum	Dissolved	DNQ	2.35	µg/L	EPA 200.8	1.3	5			IP
2018/19-3	Lab	LCS	2/4/2019	Metal	Aluminum	Dissolved	=	52.3	µg/L	EPA 200.8	1.3	5			
2018/19-3	Lab	LCS, rec	2/4/2019	Metal	Aluminum	Dissolved	=	105	%	EPA 200.8	-88	-88	85	115	
2018/19-3	Lab	method blank	1/16/2019	Metal	Aluminum	Total	<	1.3	µg/L	EPA 200.8	1.3	5			
2018/19-3	Lab	LCS	1/16/2019	Metal	Aluminum	Total	=	49.6	µg/L	EPA 200.8	1.3	5			
2018/19-3	Lab	LCS, rec	1/16/2019	Metal	Aluminum	Total	=	99	%	EPA 200.8	-88	-88	85	115	
2018/19-3	Lab	method blank	2/4/2019	Metal	Aluminum	Total	DNQ	1.5	µg/L	EPA 200.8	1.3	5			IP
2018/19-3	Lab	LCS	2/4/2019	Metal	Aluminum	Total	=	52.3	µg/L	EPA 200.8	1.3	5			
2018/19-3	Lab	LCS, rec	2/4/2019	Metal	Aluminum	Total	=	105	%	EPA 200.8	-88	-88	85	115	
2018/19-3	MO-CAM	matrix spike	2/4/2019	Metal	Aluminum	Total	=	4010	µg/L	EPA 200.8	1.3	5			GB
2018/19-3	MO-CAM	matrix spike, rec	2/4/2019	Metal	Aluminum	Total	=	254	%	EPA 200.8	-88	-88	70	130	GB
2018/19-3	MO-CAM	matrix spike dup	2/4/2019	Metal	Aluminum	Total	=	3960	µg/L	EPA 200.8	1.3	5			GB
2018/19-3	MO-CAM	matrix spike dup, rec	2/4/2019	Metal	Aluminum	Total	=	158	%	EPA 200.8	-88	-88	70	130	GB
2018/19-3	MO-CAM	matrix spike, RPD	2/4/2019	Metal	Aluminum	Total	=	1	%	EPA 200.8	-88	-88	0	30	GB
2018/19-3	MO-MPK	matrix spike	1/16/2019	Metal	Aluminum	Total	=	9790	µg/L	EPA 200.8	1.3	5			GB
2018/19-3	MO-MPK	matrix spike, rec	1/16/2019	Metal	Aluminum	Total	=	992	%	EPA 200.8	-88	-88	70	130	GB
2018/19-3	MO-MPK	matrix spike dup	1/16/2019	Metal	Aluminum	Total	=	9120	µg/L	EPA 200.8	1.3	5			GB
2018/19-3	MO-MPK	matrix spike dup, rec	1/16/2019	Metal	Aluminum	Total	=	-35	%	EPA 200.8	-88	-88	70	130	GB
2018/19-3	MO-MPK	matrix spike, RPD	1/16/2019	Metal	Aluminum	Total	=	7	%	EPA 200.8	-88	-88	0	30	GB
2018/19-3	MO-OJA	matrix spike	2/4/2019	Metal	Aluminum	Total	=	3970	µg/L	EPA 200.8	1.3	5			GB
2018/19-3	MO-OJA	matrix spike, rec	2/4/2019	Metal	Aluminum	Total	=	332	%	EPA 200.8	-88	-88	70	130	GB
2018/19-3	MO-OJA	matrix spike dup	2/4/2019	Metal	Aluminum	Total	=	3600	µg/L	EPA 200.8	1.3	5			GB
2018/19-3	MO-OJA	matrix spike dup, rec	2/4/2019	Metal	Aluminum	Total	=	-40	%	EPA 200.8	-88	-88	70	130	GB
2018/19-3	MO-OJA	matrix spike, RPD	2/4/2019	Metal	Aluminum	Total	=	10	%	EPA 200.8	-88	-88	0	30	GB
2018/19-3	Lab	method blank	1/17/2019	Metal	Antimony	Dissolved	<	0.045	µg/L	EPA 200.8	0.045	0.5			
2018/19-3	Lab	LCS	1/17/2019	Metal	Antimony	Dissolved	=	48	µg/L	EPA 200.8	0.045	0.5			
2018/19-3	Lab	LCS, rec	1/17/2019	Metal	Antimony	Dissolved	=	96	%	EPA 200.8	-88	-88	85	115	
2018/19-3	Lab	method blank	2/4/2019	Metal	Antimony	Dissolved	<	0.045	µg/L	EPA 200.8	0.045	0.5			
2018/19-3	Lab	LCS	2/4/2019	Metal	Antimony	Dissolved	=	52.3	µg/L	EPA 200.8	0.045	0.5			
2018/19-3	Lab	LCS, rec	2/4/2019	Metal	Antimony	Dissolved	=	105	%	EPA 200.8	-88	-88	85	115	
2018/19-3	Lab	method blank	1/17/2019	Metal	Antimony	Total	<	0.045	µg/L	EPA 200.8	0.045	0.5			
2018/19-3	Lab	LCS	1/17/2019	Metal	Antimony	Total	=	48	µg/L	EPA 200.8	0.045	0.5			

Appendix F
Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2018/19-3	Lab	LCS, rec	1/17/2019	Metal	Antimony	Total	=	96	%	EPA 200.8	-88	-88	85	115	
2018/19-3	Lab	method blank	2/4/2019	Metal	Antimony	Total	<	0.045	µg/L	EPA 200.8	0.045	0.5			
2018/19-3	Lab	LCS	2/4/2019	Metal	Antimony	Total	=	52.3	µg/L	EPA 200.8	0.045	0.5			
2018/19-3	Lab	LCS, rec	2/4/2019	Metal	Antimony	Total	=	105	%	EPA 200.8	-88	-88	85	115	
2018/19-3	MO-CAM	matrix spike	2/4/2019	Metal	Antimony	Total	=	48.2	µg/L	EPA 200.8	0.045	0.5			
2018/19-3	MO-CAM	matrix spike, rec	2/4/2019	Metal	Antimony	Total	=	93	%	EPA 200.8	-88	-88	70	130	
2018/19-3	MO-CAM	matrix spike dup	2/4/2019	Metal	Antimony	Total	=	46.7	µg/L	EPA 200.8	0.045	0.5			
2018/19-3	MO-CAM	matrix spike dup, rec	2/4/2019	Metal	Antimony	Total	=	90	%	EPA 200.8	-88	-88	70	130	
2018/19-3	MO-CAM	matrix spike, RPD	2/4/2019	Metal	Antimony	Total	=	3	%	EPA 200.8	-88	-88	0	30	
2018/19-3	MO-MPK	matrix spike	1/17/2019	Metal	Antimony	Total	=	33.3	µg/L	EPA 200.8	0.045	0.5			GB
2018/19-3	MO-MPK	matrix spike, rec	1/17/2019	Metal	Antimony	Total	=	64	%	EPA 200.8	-88	-88	70	130	GB
2018/19-3	MO-MPK	matrix spike dup	1/17/2019	Metal	Antimony	Total	=	32.7	µg/L	EPA 200.8	0.045	0.5			GB
2018/19-3	MO-MPK	matrix spike dup, rec	1/17/2019	Metal	Antimony	Total	=	63	%	EPA 200.8	-88	-88	70	130	GB
2018/19-3	MO-MPK	matrix spike, RPD	1/17/2019	Metal	Antimony	Total	=	2	%	EPA 200.8	-88	-88	0	30	GB
2018/19-3	MO-OJA	matrix spike	2/4/2019	Metal	Antimony	Total	=	44.4	µg/L	EPA 200.8	0.045	0.5			
2018/19-3	MO-OJA	matrix spike, rec	2/4/2019	Metal	Antimony	Total	=	88	%	EPA 200.8	-88	-88	70	130	
2018/19-3	MO-OJA	matrix spike dup	2/4/2019	Metal	Antimony	Total	=	43.6	µg/L	EPA 200.8	0.045	0.5			
2018/19-3	MO-OJA	matrix spike dup, rec	2/4/2019	Metal	Antimony	Total	=	86	%	EPA 200.8	-88	-88	70	130	
2018/19-3	MO-OJA	matrix spike, RPD	2/4/2019	Metal	Antimony	Total	=	2	%	EPA 200.8	-88	-88	0	30	
2018/19-3	Lab	method blank	1/16/2019	Metal	Arsenic	Dissolved	<	0.074	µg/L	EPA 200.8	0.074	0.4			
2018/19-3	Lab	LCS	1/16/2019	Metal	Arsenic	Dissolved	=	51.7	µg/L	EPA 200.8	0.074	0.4			
2018/19-3	Lab	LCS, rec	1/16/2019	Metal	Arsenic	Dissolved	=	103	%	EPA 200.8	-88	-88	85	115	
2018/19-3	Lab	method blank	2/4/2019	Metal	Arsenic	Dissolved	<	0.074	µg/L	EPA 200.8	0.074	0.4			
2018/19-3	Lab	LCS	2/4/2019	Metal	Arsenic	Dissolved	=	50.6	µg/L	EPA 200.8	0.074	0.4			
2018/19-3	Lab	LCS, rec	2/4/2019	Metal	Arsenic	Dissolved	=	101	%	EPA 200.8	-88	-88	85	115	
2018/19-3	Lab	method blank	1/16/2019	Metal	Arsenic	Total	<	0.074	µg/L	EPA 200.8	0.074	0.4			
2018/19-3	Lab	LCS	1/16/2019	Metal	Arsenic	Total	=	51.7	µg/L	EPA 200.8	0.074	0.4			
2018/19-3	Lab	LCS, rec	1/16/2019	Metal	Arsenic	Total	=	103	%	EPA 200.8	-88	-88	85	115	
2018/19-3	Lab	method blank	2/4/2019	Metal	Arsenic	Total	<	0.074	µg/L	EPA 200.8	0.074	0.4			
2018/19-3	Lab	LCS	2/4/2019	Metal	Arsenic	Total	=	50.6	µg/L	EPA 200.8	0.074	0.4			
2018/19-3	Lab	LCS, rec	2/4/2019	Metal	Arsenic	Total	=	101	%	EPA 200.8	-88	-88	85	115	
2018/19-3	MO-CAM	matrix spike	2/4/2019	Metal	Arsenic	Total	=	51.6	µg/L	EPA 200.8	0.074	0.4			
2018/19-3	MO-CAM	matrix spike, rec	2/4/2019	Metal	Arsenic	Total	=	99	%	EPA 200.8	-88	-88	70	130	
2018/19-3	MO-CAM	matrix spike dup	2/4/2019	Metal	Arsenic	Total	=	50.3	µg/L	EPA 200.8	0.074	0.4			
2018/19-3	MO-CAM	matrix spike dup, rec	2/4/2019	Metal	Arsenic	Total	=	97	%	EPA 200.8	-88	-88	70	130	
2018/19-3	MO-CAM	matrix spike, RPD	2/4/2019	Metal	Arsenic	Total	=	3	%	EPA 200.8	-88	-88	0	30	
2018/19-3	MO-MPK	matrix spike	1/16/2019	Metal	Arsenic	Total	=	54.3	µg/L	EPA 200.8	0.074	0.4			
2018/19-3	MO-MPK	matrix spike, rec	1/16/2019	Metal	Arsenic	Total	=	101	%	EPA 200.8	-88	-88	70	130	
2018/19-3	MO-MPK	matrix spike dup	1/16/2019	Metal	Arsenic	Total	=	53.9	µg/L	EPA 200.8	0.074	0.4			
2018/19-3	MO-MPK	matrix spike dup, rec	1/16/2019	Metal	Arsenic	Total	=	100	%	EPA 200.8	-88	-88	70	130	
2018/19-3	MO-MPK	matrix spike, RPD	1/16/2019	Metal	Arsenic	Total	=	0.7	%	EPA 200.8	-88	-88	0	30	
2018/19-3	MO-OJA	matrix spike	2/4/2019	Metal	Arsenic	Total	=	49.8	µg/L	EPA 200.8	0.074	0.4			
2018/19-3	MO-OJA	matrix spike, rec	2/4/2019	Metal	Arsenic	Total	=	96	%	EPA 200.8	-88	-88	70	130	
2018/19-3	MO-OJA	matrix spike dup	2/4/2019	Metal	Arsenic	Total	=	47.7	µg/L	EPA 200.8	0.074	0.4			
2018/19-3	MO-OJA	matrix spike dup, rec	2/4/2019	Metal	Arsenic	Total	=	92	%	EPA 200.8	-88	-88	70	130	
2018/19-3	MO-OJA	matrix spike, RPD	2/4/2019	Metal	Arsenic	Total	=	4	%	EPA 200.8	-88	-88	0	30	
2018/19-3	Lab	method blank	1/16/2019	Metal	Barium	Total	<	0.071	µg/L	EPA 200.8	0.071	0.5			

Appendix F
Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2018/19-3	Lab	LCS	1/16/2019	Metal	Barium	Total	=	50.7	µg/L	EPA 200.8	0.071	0.5			
2018/19-3	Lab	LCS, rec	1/16/2019	Metal	Barium	Total	=	102	%	EPA 200.8	-88	-88	85	115	
2018/19-3	Lab	method blank	2/4/2019	Metal	Barium	Total	<	0.071	µg/L	EPA 200.8	0.071	0.5			
2018/19-3	Lab	LCS	2/4/2019	Metal	Barium	Total	=	49.2	µg/L	EPA 200.8	0.071	0.5			
2018/19-3	Lab	LCS, rec	2/4/2019	Metal	Barium	Total	=	99	%	EPA 200.8	-88	-88	85	115	
2018/19-3	MO-CAM	matrix spike	2/4/2019	Metal	Barium	Total	=	117	µg/L	EPA 200.8	0.071	0.5			
2018/19-3	MO-CAM	matrix spike, rec	2/4/2019	Metal	Barium	Total	=	114	%	EPA 200.8	-88	-88	70	130	
2018/19-3	MO-CAM	matrix spike dup	2/4/2019	Metal	Barium	Total	=	116	µg/L	EPA 200.8	0.071	0.5			
2018/19-3	MO-CAM	matrix spike dup, rec	2/4/2019	Metal	Barium	Total	=	112	%	EPA 200.8	-88	-88	70	130	
2018/19-3	MO-CAM	matrix spike, RPD	2/4/2019	Metal	Barium	Total	=	0.9	%	EPA 200.8	-88	-88	0	30	
2018/19-3	MO-MPK	matrix spike	1/16/2019	Metal	Barium	Total	=	188	µg/L	EPA 200.8	0.071	0.5			
2018/19-3	MO-MPK	matrix spike, rec	1/16/2019	Metal	Barium	Total	=	123	%	EPA 200.8	-88	-88	70	130	
2018/19-3	MO-MPK	matrix spike dup	1/16/2019	Metal	Barium	Total	=	180	µg/L	EPA 200.8	0.071	0.5			
2018/19-3	MO-MPK	matrix spike dup, rec	1/16/2019	Metal	Barium	Total	=	106	%	EPA 200.8	-88	-88	70	130	
2018/19-3	MO-MPK	matrix spike, RPD	1/16/2019	Metal	Barium	Total	=	5	%	EPA 200.8	-88	-88	0	30	
2018/19-3	MO-OJA	matrix spike	2/4/2019	Metal	Barium	Total	=	119	µg/L	EPA 200.8	0.071	0.5			
2018/19-3	MO-OJA	matrix spike, rec	2/4/2019	Metal	Barium	Total	=	120	%	EPA 200.8	-88	-88	70	130	
2018/19-3	MO-OJA	matrix spike dup	2/4/2019	Metal	Barium	Total	=	115	µg/L	EPA 200.8	0.071	0.5			
2018/19-3	MO-OJA	matrix spike dup, rec	2/4/2019	Metal	Barium	Total	=	112	%	EPA 200.8	-88	-88	70	130	
2018/19-3	MO-OJA	matrix spike, RPD	2/4/2019	Metal	Barium	Total	=	3	%	EPA 200.8	-88	-88	0	30	
2018/19-3	Lab	method blank	1/16/2019	Metal	Beryllium	Dissolved	<	0.033	µg/L	EPA 200.8	0.033	0.1			
2018/19-3	Lab	LCS	1/16/2019	Metal	Beryllium	Dissolved	=	50.6	µg/L	EPA 200.8	0.033	0.1			
2018/19-3	Lab	LCS, rec	1/16/2019	Metal	Beryllium	Dissolved	=	101	%	EPA 200.8	-88	-88	85	115	
2018/19-3	Lab	method blank	2/4/2019	Metal	Beryllium	Dissolved	<	0.033	µg/L	EPA 200.8	0.033	0.1			
2018/19-3	Lab	LCS	2/4/2019	Metal	Beryllium	Dissolved	=	50.8	µg/L	EPA 200.8	0.033	0.1			
2018/19-3	Lab	LCS, rec	2/4/2019	Metal	Beryllium	Dissolved	=	102	%	EPA 200.8	-88	-88	85	115	
2018/19-3	Lab	method blank	1/16/2019	Metal	Beryllium	Total	<	0.033	µg/L	EPA 200.8	0.033	0.1			
2018/19-3	Lab	LCS	1/16/2019	Metal	Beryllium	Total	=	50.6	µg/L	EPA 200.8	0.033	0.1			
2018/19-3	Lab	LCS, rec	1/16/2019	Metal	Beryllium	Total	=	101	%	EPA 200.8	-88	-88	85	115	
2018/19-3	Lab	method blank	2/4/2019	Metal	Beryllium	Total	<	0.033	µg/L	EPA 200.8	0.033	0.1			
2018/19-3	Lab	LCS	2/4/2019	Metal	Beryllium	Total	=	50.8	µg/L	EPA 200.8	0.033	0.1			
2018/19-3	Lab	LCS, rec	2/4/2019	Metal	Beryllium	Total	=	102	%	EPA 200.8	-88	-88	85	115	
2018/19-3	MO-CAM	matrix spike	2/4/2019	Metal	Beryllium	Total	=	51.7	µg/L	EPA 200.8	0.033	0.1			
2018/19-3	MO-CAM	matrix spike, rec	2/4/2019	Metal	Beryllium	Total	=	103	%	EPA 200.8	-88	-88	70	130	
2018/19-3	MO-CAM	matrix spike dup	2/4/2019	Metal	Beryllium	Total	=	51.3	µg/L	EPA 200.8	0.033	0.1			
2018/19-3	MO-CAM	matrix spike dup, rec	2/4/2019	Metal	Beryllium	Total	=	102	%	EPA 200.8	-88	-88	70	130	
2018/19-3	MO-CAM	matrix spike, RPD	2/4/2019	Metal	Beryllium	Total	=	0.8	%	EPA 200.8	-88	-88	0	30	
2018/19-3	MO-MPK	matrix spike	1/16/2019	Metal	Beryllium	Total	=	51.9	µg/L	EPA 200.8	0.033	0.1			
2018/19-3	MO-MPK	matrix spike, rec	1/16/2019	Metal	Beryllium	Total	=	103	%	EPA 200.8	-88	-88	70	130	
2018/19-3	MO-MPK	matrix spike dup	1/16/2019	Metal	Beryllium	Total	=	51.7	µg/L	EPA 200.8	0.033	0.1			
2018/19-3	MO-MPK	matrix spike dup, rec	1/16/2019	Metal	Beryllium	Total	=	103	%	EPA 200.8	-88	-88	70	130	
2018/19-3	MO-MPK	matrix spike, RPD	1/16/2019	Metal	Beryllium	Total	=	0.2	%	EPA 200.8	-88	-88	0	30	
2018/19-3	MO-OJA	matrix spike	2/4/2019	Metal	Beryllium	Total	=	51.5	µg/L	EPA 200.8	0.033	0.1			
2018/19-3	MO-OJA	matrix spike, rec	2/4/2019	Metal	Beryllium	Total	=	103	%	EPA 200.8	-88	-88	70	130	
2018/19-3	MO-OJA	matrix spike dup	2/4/2019	Metal	Beryllium	Total	=	51.7	µg/L	EPA 200.8	0.033	0.1			
2018/19-3	MO-OJA	matrix spike dup, rec	2/4/2019	Metal	Beryllium	Total	=	103	%	EPA 200.8	-88	-88	70	130	
2018/19-3	MO-OJA	matrix spike, RPD	2/4/2019	Metal	Beryllium	Total	=	0.5	%	EPA 200.8	-88	-88	0	30	

Appendix F
Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2018/19-3	Lab	method blank	1/16/2019	Metal	Cadmium	Dissolved	<	0.041	µg/L	EPA 200.8	0.041	0.1			
2018/19-3	Lab	LCS	1/16/2019	Metal	Cadmium	Dissolved	=	49.8	µg/L	EPA 200.8	0.041	0.1			
2018/19-3	Lab	LCS, rec	1/16/2019	Metal	Cadmium	Dissolved	=	100	%	EPA 200.8	-88	-88	85	115	
2018/19-3	Lab	method blank	2/4/2019	Metal	Cadmium	Dissolved	<	0.041	µg/L	EPA 200.8	0.041	0.1			
2018/19-3	Lab	LCS	2/4/2019	Metal	Cadmium	Dissolved	=	50.1	µg/L	EPA 200.8	0.041	0.1			
2018/19-3	Lab	LCS, rec	2/4/2019	Metal	Cadmium	Dissolved	=	100	%	EPA 200.8	-88	-88	85	115	
2018/19-3	Lab	method blank	1/16/2019	Metal	Cadmium	Total	<	0.041	µg/L	EPA 200.8	0.041	0.1			
2018/19-3	Lab	LCS	1/16/2019	Metal	Cadmium	Total	=	49.8	µg/L	EPA 200.8	0.041	0.1			
2018/19-3	Lab	LCS, rec	1/16/2019	Metal	Cadmium	Total	=	100	%	EPA 200.8	-88	-88	85	115	
2018/19-3	Lab	method blank	2/4/2019	Metal	Cadmium	Total	<	0.041	µg/L	EPA 200.8	0.041	0.1			
2018/19-3	Lab	LCS	2/4/2019	Metal	Cadmium	Total	=	50.1	µg/L	EPA 200.8	0.041	0.1			
2018/19-3	Lab	LCS, rec	2/4/2019	Metal	Cadmium	Total	=	100	%	EPA 200.8	-88	-88	85	115	
2018/19-3	MO-CAM	matrix spike	2/4/2019	Metal	Cadmium	Total	=	50.2	µg/L	EPA 200.8	0.041	0.1			
2018/19-3	MO-CAM	matrix spike, rec	2/4/2019	Metal	Cadmium	Total	=	100	%	EPA 200.8	-88	-88	70	130	
2018/19-3	MO-CAM	matrix spike dup	2/4/2019	Metal	Cadmium	Total	=	49.3	µg/L	EPA 200.8	0.041	0.1			
2018/19-3	MO-CAM	matrix spike dup, rec	2/4/2019	Metal	Cadmium	Total	=	98	%	EPA 200.8	-88	-88	70	130	
2018/19-3	MO-CAM	matrix spike, RPD	2/4/2019	Metal	Cadmium	Total	=	2	%	EPA 200.8	-88	-88	0	30	
2018/19-3	MO-MPK	matrix spike	1/16/2019	Metal	Cadmium	Total	=	49.7	µg/L	EPA 200.8	0.041	0.1			
2018/19-3	MO-MPK	matrix spike, rec	1/16/2019	Metal	Cadmium	Total	=	98	%	EPA 200.8	-88	-88	70	130	
2018/19-3	MO-MPK	matrix spike dup	1/16/2019	Metal	Cadmium	Total	=	50.4	µg/L	EPA 200.8	0.041	0.1			
2018/19-3	MO-MPK	matrix spike dup, rec	1/16/2019	Metal	Cadmium	Total	=	100	%	EPA 200.8	-88	-88	70	130	
2018/19-3	MO-MPK	matrix spike, RPD	1/16/2019	Metal	Cadmium	Total	=	1	%	EPA 200.8	-88	-88	0	30	
2018/19-3	MO-OJA	matrix spike	2/4/2019	Metal	Cadmium	Total	=	49.8	µg/L	EPA 200.8	0.041	0.1			
2018/19-3	MO-OJA	matrix spike, rec	2/4/2019	Metal	Cadmium	Total	=	99	%	EPA 200.8	-88	-88	70	130	
2018/19-3	MO-OJA	matrix spike dup	2/4/2019	Metal	Cadmium	Total	=	49.4	µg/L	EPA 200.8	0.041	0.1			
2018/19-3	MO-OJA	matrix spike dup, rec	2/4/2019	Metal	Cadmium	Total	=	99	%	EPA 200.8	-88	-88	70	130	
2018/19-3	MO-OJA	matrix spike, RPD	2/4/2019	Metal	Cadmium	Total	=	0.9	%	EPA 200.8	-88	-88	0	30	
2018/19-3	Lab	method blank	1/16/2019	Metal	Chromium	Dissolved	<	0.035	µg/L	EPA 200.8	0.035	0.2			
2018/19-3	Lab	LCS	1/16/2019	Metal	Chromium	Dissolved	=	49.8	µg/L	EPA 200.8	0.035	0.2			
2018/19-3	Lab	LCS, rec	1/16/2019	Metal	Chromium	Dissolved	=	100	%	EPA 200.8	-88	-88	85	115	
2018/19-3	Lab	method blank	2/4/2019	Metal	Chromium	Dissolved	<	0.035	µg/L	EPA 200.8	0.035	0.2			
2018/19-3	Lab	LCS	2/4/2019	Metal	Chromium	Dissolved	=	49.6	µg/L	EPA 200.8	0.035	0.2			
2018/19-3	Lab	LCS, rec	2/4/2019	Metal	Chromium	Dissolved	=	99	%	EPA 200.8	-88	-88	85	115	
2018/19-3	Lab	method blank	1/16/2019	Metal	Chromium	Total	<	0.035	µg/L	EPA 200.8	0.035	0.2			
2018/19-3	Lab	LCS	1/16/2019	Metal	Chromium	Total	=	49.8	µg/L	EPA 200.8	0.035	0.2			
2018/19-3	Lab	LCS, rec	1/16/2019	Metal	Chromium	Total	=	100	%	EPA 200.8	-88	-88	85	115	
2018/19-3	Lab	method blank	2/4/2019	Metal	Chromium	Total	<	0.035	µg/L	EPA 200.8	0.035	0.2			
2018/19-3	Lab	LCS	2/4/2019	Metal	Chromium	Total	=	49.6	µg/L	EPA 200.8	0.035	0.2			
2018/19-3	Lab	LCS, rec	2/4/2019	Metal	Chromium	Total	=	99	%	EPA 200.8	-88	-88	85	115	
2018/19-3	MO-CAM	matrix spike	2/4/2019	Metal	Chromium	Total	=	55.4	µg/L	EPA 200.8	0.035	0.2			
2018/19-3	MO-CAM	matrix spike, rec	2/4/2019	Metal	Chromium	Total	=	97	%	EPA 200.8	-88	-88	70	130	
2018/19-3	MO-CAM	matrix spike dup	2/4/2019	Metal	Chromium	Total	=	54.3	µg/L	EPA 200.8	0.035	0.2			
2018/19-3	MO-CAM	matrix spike dup, rec	2/4/2019	Metal	Chromium	Total	=	95	%	EPA 200.8	-88	-88	70	130	
2018/19-3	MO-CAM	matrix spike, RPD	2/4/2019	Metal	Chromium	Total	=	2	%	EPA 200.8	-88	-88	0	30	
2018/19-3	MO-MPK	matrix spike	1/16/2019	Metal	Chromium	Total	=	66.9	µg/L	EPA 200.8	0.035	0.2			
2018/19-3	MO-MPK	matrix spike, rec	1/16/2019	Metal	Chromium	Total	=	102	%	EPA 200.8	-88	-88	70	130	
2018/19-3	MO-MPK	matrix spike dup	1/16/2019	Metal	Chromium	Total	=	65.4	µg/L	EPA 200.8	0.035	0.2			

Appendix F
Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2018/19-3	MO-MPK	matrix spike dup, rec	1/16/2019	Metal	Chromium	Total	=	99	%	EPA 200.8	-88	-88	70	130	
2018/19-3	MO-MPK	matrix spike, RPD	1/16/2019	Metal	Chromium	Total	=	2	%	EPA 200.8	-88	-88	0	30	
2018/19-3	MO-OJA	matrix spike	2/4/2019	Metal	Chromium	Total	=	52.5	µg/L	EPA 200.8	0.035	0.2			
2018/19-3	MO-OJA	matrix spike, rec	2/4/2019	Metal	Chromium	Total	=	95	%	EPA 200.8	-88	-88	70	130	
2018/19-3	MO-OJA	matrix spike dup	2/4/2019	Metal	Chromium	Total	=	50.2	µg/L	EPA 200.8	0.035	0.2			
2018/19-3	MO-OJA	matrix spike dup, rec	2/4/2019	Metal	Chromium	Total	=	91	%	EPA 200.8	-88	-88	70	130	
2018/19-3	MO-OJA	matrix spike, RPD	2/4/2019	Metal	Chromium	Total	=	5	%	EPA 200.8	-88	-88	0	30	
2018/19-3	000NONPJ	matrix spike	1/18/2019	Metal	Chromium VI	n/a	=	5.6	µg/L	EPA 218.6	0.0048	0.02			
2018/19-3	000NONPJ	matrix spike, rec	1/18/2019	Metal	Chromium VI	n/a	=	102	%	EPA 218.6	-88	-88	88	112	
2018/19-3	000NONPJ	matrix spike dup	1/18/2019	Metal	Chromium VI	n/a	=	5.75	µg/L	EPA 218.6	0.0048	0.02			
2018/19-3	000NONPJ	matrix spike dup, rec	1/18/2019	Metal	Chromium VI	n/a	=	105	%	EPA 218.6	-88	-88	88	112	
2018/19-3	000NONPJ	matrix spike, RPD	1/18/2019	Metal	Chromium VI	n/a	=	3	%	EPA 218.6	-88	-88	0	10	
2018/19-3	Lab	method blank	1/18/2019	Metal	Chromium VI	n/a	<	0.0048	µg/L	EPA 218.6	0.0048	0.02			
2018/19-3	Lab	LCS	1/18/2019	Metal	Chromium VI	n/a	=	5.01	µg/L	EPA 218.6	0.0048	0.02			
2018/19-3	Lab	LCS, rec	1/18/2019	Metal	Chromium VI	n/a	=	100	%	EPA 218.6	-88	-88	90	110	
2018/19-3	ME-CC	matrix spike	1/18/2019	Metal	Chromium VI	n/a	=	5.12	µg/L	EPA 218.6	0.0048	0.02			
2018/19-3	ME-CC	matrix spike, rec	1/18/2019	Metal	Chromium VI	n/a	=	100	%	EPA 218.6	-88	-88	88	112	
2018/19-3	ME-CC	matrix spike dup	1/18/2019	Metal	Chromium VI	n/a	=	5.09	µg/L	EPA 218.6	0.0048	0.02			
2018/19-3	ME-CC	matrix spike dup, rec	1/18/2019	Metal	Chromium VI	n/a	=	100	%	EPA 218.6	-88	-88	88	112	
2018/19-3	ME-CC	matrix spike, RPD	1/18/2019	Metal	Chromium VI	n/a	=	0.5	%	EPA 218.6	-88	-88	0	10	
2018/19-3	Lab	method blank	1/16/2019	Metal	Copper	Dissolved	<	0.13	µg/L	EPA 200.8	0.13	0.5			
2018/19-3	Lab	LCS	1/16/2019	Metal	Copper	Dissolved	=	52	µg/L	EPA 200.8	0.13	0.5			
2018/19-3	Lab	LCS, rec	1/16/2019	Metal	Copper	Dissolved	=	104	%	EPA 200.8	-88	-88	85	115	
2018/19-3	Lab	method blank	2/4/2019	Metal	Copper	Dissolved	<	0.13	µg/L	EPA 200.8	0.13	0.5			
2018/19-3	Lab	LCS	2/4/2019	Metal	Copper	Dissolved	=	51.6	µg/L	EPA 200.8	0.13	0.5			
2018/19-3	Lab	LCS, rec	2/4/2019	Metal	Copper	Dissolved	=	103	%	EPA 200.8	-88	-88	85	115	
2018/19-3	Lab	method blank	1/16/2019	Metal	Copper	Total	<	0.13	µg/L	EPA 200.8	0.13	0.5			
2018/19-3	Lab	LCS	1/16/2019	Metal	Copper	Total	=	52	µg/L	EPA 200.8	0.13	0.5			
2018/19-3	Lab	LCS, rec	1/16/2019	Metal	Copper	Total	=	104	%	EPA 200.8	-88	-88	85	115	
2018/19-3	Lab	method blank	2/4/2019	Metal	Copper	Total	<	0.13	µg/L	EPA 200.8	0.13	0.5			
2018/19-3	Lab	LCS	2/4/2019	Metal	Copper	Total	=	51.6	µg/L	EPA 200.8	0.13	0.5			
2018/19-3	Lab	LCS, rec	2/4/2019	Metal	Copper	Total	=	103	%	EPA 200.8	-88	-88	85	115	
2018/19-3	MO-CAM	matrix spike	2/4/2019	Metal	Copper	Total	=	80.7	µg/L	EPA 200.8	0.13	0.5			
2018/19-3	MO-CAM	matrix spike, rec	2/4/2019	Metal	Copper	Total	=	103	%	EPA 200.8	-88	-88	70	130	
2018/19-3	MO-CAM	matrix spike dup	2/4/2019	Metal	Copper	Total	=	79.6	µg/L	EPA 200.8	0.13	0.5			
2018/19-3	MO-CAM	matrix spike dup, rec	2/4/2019	Metal	Copper	Total	=	101	%	EPA 200.8	-88	-88	70	130	
2018/19-3	MO-CAM	matrix spike, RPD	2/4/2019	Metal	Copper	Total	=	1	%	EPA 200.8	-88	-88	0	30	
2018/19-3	MO-MPK	matrix spike	1/16/2019	Metal	Copper	Total	=	73.8	µg/L	EPA 200.8	0.13	0.5			
2018/19-3	MO-MPK	matrix spike, rec	1/16/2019	Metal	Copper	Total	=	99	%	EPA 200.8	-88	-88	70	130	
2018/19-3	MO-MPK	matrix spike dup	1/16/2019	Metal	Copper	Total	=	73.1	µg/L	EPA 200.8	0.13	0.5			
2018/19-3	MO-MPK	matrix spike dup, rec	1/16/2019	Metal	Copper	Total	=	97	%	EPA 200.8	-88	-88	70	130	
2018/19-3	MO-MPK	matrix spike, RPD	1/16/2019	Metal	Copper	Total	=	1	%	EPA 200.8	-88	-88	0	30	
2018/19-3	MO-OJA	matrix spike	2/4/2019	Metal	Copper	Total	=	62.8	µg/L	EPA 200.8	0.13	0.5			
2018/19-3	MO-OJA	matrix spike, rec	2/4/2019	Metal	Copper	Total	=	97	%	EPA 200.8	-88	-88	70	130	
2018/19-3	MO-OJA	matrix spike dup	2/4/2019	Metal	Copper	Total	=	59.5	µg/L	EPA 200.8	0.13	0.5			
2018/19-3	MO-OJA	matrix spike dup, rec	2/4/2019	Metal	Copper	Total	=	91	%	EPA 200.8	-88	-88	70	130	
2018/19-3	MO-OJA	matrix spike, RPD	2/4/2019	Metal	Copper	Total	=	5	%	EPA 200.8	-88	-88	0	30	

Appendix F
Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2018/19-3	Lab	method blank	1/30/2019	Metal	Iron	Dissolved	<	1.1	µg/L	EPA 200.7	1.1	10			
2018/19-3	Lab	LCS	1/30/2019	Metal	Iron	Dissolved	=	223	µg/L	EPA 200.7	1.1	10			
2018/19-3	Lab	LCS, rec	1/30/2019	Metal	Iron	Dissolved	=	111	%	EPA 200.7	-88	-88	85	115	
2018/19-3	Lab	method blank	1/30/2019	Metal	Iron	Dissolved	DNQ	2	µg/L	EPA 200.7	1.1	10			IP
2018/19-3	Lab	LCS	1/30/2019	Metal	Iron	Dissolved	=	211	µg/L	EPA 200.7	1.1	10			
2018/19-3	Lab	LCS, rec	1/30/2019	Metal	Iron	Dissolved	=	105	%	EPA 200.7	-88	-88	85	115	
2018/19-3	Lab	method blank	1/30/2019	Metal	Iron	Total	DNQ	2	µg/L	EPA 200.7	1.1	10			IP
2018/19-3	Lab	LCS	1/30/2019	Metal	Iron	Total	=	223	µg/L	EPA 200.7	1.1	10			
2018/19-3	Lab	LCS, rec	1/30/2019	Metal	Iron	Total	=	111	%	EPA 200.7	-88	-88	85	115	
2018/19-3	Lab	method blank	1/30/2019	Metal	Iron	Total	<	1.1	µg/L	EPA 200.7	1.1	10			
2018/19-3	Lab	LCS	1/30/2019	Metal	Iron	Total	=	211	µg/L	EPA 200.7	1.1	10			
2018/19-3	Lab	LCS, rec	1/30/2019	Metal	Iron	Total	=	105	%	EPA 200.7	-88	-88	85	115	
2018/19-3	ME-SCR	matrix spike	1/30/2019	Metal	Iron	Total	=	2370	µg/L	EPA 200.7	1.1	10			GB
2018/19-3	ME-SCR	matrix spike, rec	1/30/2019	Metal	Iron	Total	=	174	%	EPA 200.7	-88	-88	70	130	GB
2018/19-3	ME-SCR	matrix spike dup	1/30/2019	Metal	Iron	Total	=	2340	µg/L	EPA 200.7	1.1	10			GB
2018/19-3	ME-SCR	matrix spike dup, rec	1/30/2019	Metal	Iron	Total	=	160	%	EPA 200.7	-88	-88	70	130	GB
2018/19-3	ME-SCR	matrix spike, RPD	1/30/2019	Metal	Iron	Total	=	1	%	EPA 200.7	-88	-88	0	30	GB
2018/19-3	ME-VR2	matrix spike	1/30/2019	Metal	Iron	Total	=	395	µg/L	EPA 200.7	1.1	10			
2018/19-3	ME-VR2	matrix spike, rec	1/30/2019	Metal	Iron	Total	=	115	%	EPA 200.7	-88	-88	70	130	
2018/19-3	ME-VR2	matrix spike dup	1/30/2019	Metal	Iron	Total	=	385	µg/L	EPA 200.7	1.1	10			
2018/19-3	ME-VR2	matrix spike dup, rec	1/30/2019	Metal	Iron	Total	=	110	%	EPA 200.7	-88	-88	70	130	
2018/19-3	ME-VR2	matrix spike, RPD	1/30/2019	Metal	Iron	Total	=	3	%	EPA 200.7	-88	-88	0	30	
2018/19-3	MO-THO	matrix spike	1/30/2019	Metal	Iron	Total	=	10200	µg/L	EPA 200.7	1.1	10			GB
2018/19-3	MO-THO	matrix spike, rec	1/30/2019	Metal	Iron	Total	=	231	%	EPA 200.7	-88	-88	70	130	GB
2018/19-3	MO-THO	matrix spike dup	1/30/2019	Metal	Iron	Total	=	9870	µg/L	EPA 200.7	1.1	10			GB
2018/19-3	MO-THO	matrix spike dup, rec	1/30/2019	Metal	Iron	Total	=	54	%	EPA 200.7	-88	-88	70	130	GB
2018/19-3	MO-THO	matrix spike, RPD	1/30/2019	Metal	Iron	Total	=	4	%	EPA 200.7	-88	-88	0	30	GB
2018/19-3	Lab	method blank	1/16/2019	Metal	Lead	Dissolved	<	0.031	µg/L	EPA 200.8	0.031	0.2			
2018/19-3	Lab	LCS	1/16/2019	Metal	Lead	Dissolved	=	50.7	µg/L	EPA 200.8	0.031	0.2			
2018/19-3	Lab	LCS, rec	1/16/2019	Metal	Lead	Dissolved	=	101	%	EPA 200.8	-88	-88	85	115	
2018/19-3	Lab	method blank	2/4/2019	Metal	Lead	Dissolved	<	0.031	µg/L	EPA 200.8	0.031	0.2			
2018/19-3	Lab	LCS	2/4/2019	Metal	Lead	Dissolved	=	52.6	µg/L	EPA 200.8	0.031	0.2			
2018/19-3	Lab	LCS, rec	2/4/2019	Metal	Lead	Dissolved	=	105	%	EPA 200.8	-88	-88	85	115	
2018/19-3	Lab	method blank	1/16/2019	Metal	Lead	Total	<	0.031	µg/L	EPA 200.8	0.031	0.2			
2018/19-3	Lab	LCS	1/16/2019	Metal	Lead	Total	=	50.7	µg/L	EPA 200.8	0.031	0.2			
2018/19-3	Lab	LCS, rec	1/16/2019	Metal	Lead	Total	=	101	%	EPA 200.8	-88	-88	85	115	
2018/19-3	Lab	method blank	2/4/2019	Metal	Lead	Total	<	0.031	µg/L	EPA 200.8	0.031	0.2			
2018/19-3	Lab	LCS	2/4/2019	Metal	Lead	Total	=	52.6	µg/L	EPA 200.8	0.031	0.2			
2018/19-3	Lab	LCS, rec	2/4/2019	Metal	Lead	Total	=	105	%	EPA 200.8	-88	-88	85	115	
2018/19-3	MO-CAM	matrix spike	2/4/2019	Metal	Lead	Total	=	60.1	µg/L	EPA 200.8	0.031	0.2			
2018/19-3	MO-CAM	matrix spike, rec	2/4/2019	Metal	Lead	Total	=	105	%	EPA 200.8	-88	-88	70	130	
2018/19-3	MO-CAM	matrix spike dup	2/4/2019	Metal	Lead	Total	=	59.8	µg/L	EPA 200.8	0.031	0.2			
2018/19-3	MO-CAM	matrix spike dup, rec	2/4/2019	Metal	Lead	Total	=	104	%	EPA 200.8	-88	-88	70	130	
2018/19-3	MO-CAM	matrix spike, RPD	2/4/2019	Metal	Lead	Total	=	0.5	%	EPA 200.8	-88	-88	0	30	
2018/19-3	MO-MPK	matrix spike	1/16/2019	Metal	Lead	Total	=	64	µg/L	EPA 200.8	0.031	0.2			
2018/19-3	MO-MPK	matrix spike, rec	1/16/2019	Metal	Lead	Total	=	106	%	EPA 200.8	-88	-88	70	130	
2018/19-3	MO-MPK	matrix spike dup	1/16/2019	Metal	Lead	Total	=	63.2	µg/L	EPA 200.8	0.031	0.2			

Appendix F
Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2018/19-3	MO-MPK	matrix spike dup, rec	1/16/2019	Metal	Lead	Total	=	104	%	EPA 200.8	-88	-88	70	130	
2018/19-3	MO-MPK	matrix spike, RPD	1/16/2019	Metal	Lead	Total	=	1	%	EPA 200.8	-88	-88	0	30	
2018/19-3	MO-OJA	matrix spike	2/4/2019	Metal	Lead	Total	=	57.6	µg/L	EPA 200.8	0.031	0.2			
2018/19-3	MO-OJA	matrix spike, rec	2/4/2019	Metal	Lead	Total	=	105	%	EPA 200.8	-88	-88	70	130	
2018/19-3	MO-OJA	matrix spike dup	2/4/2019	Metal	Lead	Total	=	56.4	µg/L	EPA 200.8	0.031	0.2			
2018/19-3	MO-OJA	matrix spike dup, rec	2/4/2019	Metal	Lead	Total	=	102	%	EPA 200.8	-88	-88	70	130	
2018/19-3	MO-OJA	matrix spike, RPD	2/4/2019	Metal	Lead	Total	=	2	%	EPA 200.8	-88	-88	0	30	
2018/19-3	000NONPJ	matrix spike	1/11/2019	Metal	Mercury	Dissolved	=	988	ng/L	EPA 245.1	17	50			
2018/19-3	000NONPJ	matrix spike, rec	1/11/2019	Metal	Mercury	Dissolved	=	93	%	EPA 245.1	-88	-88	70	130	
2018/19-3	000NONPJ	matrix spike dup	1/11/2019	Metal	Mercury	Dissolved	=	997	ng/L	EPA 245.1	17	50			
2018/19-3	000NONPJ	matrix spike dup, rec	1/11/2019	Metal	Mercury	Dissolved	=	94	%	EPA 245.1	-88	-88	70	130	
2018/19-3	000NONPJ	matrix spike, RPD	1/11/2019	Metal	Mercury	Dissolved	=	1	%	EPA 245.1	-88	-88	0	20	
2018/19-3	000NONPJ	matrix spike	1/11/2019	Metal	Mercury	Dissolved	=	941	ng/L	EPA 245.1	17	50			
2018/19-3	000NONPJ	matrix spike, rec	1/11/2019	Metal	Mercury	Dissolved	=	92	%	EPA 245.1	-88	-88	70	130	
2018/19-3	000NONPJ	matrix spike dup	1/11/2019	Metal	Mercury	Dissolved	=	934	ng/L	EPA 245.1	17	50			
2018/19-3	000NONPJ	matrix spike dup, rec	1/11/2019	Metal	Mercury	Dissolved	=	92	%	EPA 245.1	-88	-88	70	130	
2018/19-3	000NONPJ	matrix spike, RPD	1/11/2019	Metal	Mercury	Dissolved	=	0.7	%	EPA 245.1	-88	-88	0	20	
2018/19-3	Lab	method blank	1/10/2019	Metal	Mercury	Dissolved	<	17	ng/L	EPA 245.1	17	50			
2018/19-3	Lab	LCS	1/10/2019	Metal	Mercury	Dissolved	=	999	ng/L	EPA 245.1	17	50			
2018/19-3	Lab	LCS, rec	1/10/2019	Metal	Mercury	Dissolved	=	100	%	EPA 245.1	-88	-88	85	115	
2018/19-3	Lab	method blank	1/11/2019	Metal	Mercury	Dissolved	<	17	ng/L	EPA 245.1	17	50			
2018/19-3	Lab	method blank	1/11/2019	Metal	Mercury	Dissolved	<	17	ng/L	EPA 245.1	17	50			
2018/19-3	Lab	LCS	1/11/2019	Metal	Mercury	Dissolved	=	995	ng/L	EPA 245.1	17	50			
2018/19-3	Lab	LCS, rec	1/11/2019	Metal	Mercury	Dissolved	=	99	%	EPA 245.1	-88	-88	85	115	
2018/19-3	MO-SPA	matrix spike	1/10/2019	Metal	Mercury	Dissolved	=	1010	ng/L	EPA 245.1	17	50			
2018/19-3	MO-SPA	matrix spike, rec	1/10/2019	Metal	Mercury	Dissolved	=	101	%	EPA 245.1	-88	-88	70	130	
2018/19-3	MO-SPA	matrix spike dup	1/10/2019	Metal	Mercury	Dissolved	=	1010	ng/L	EPA 245.1	17	50			
2018/19-3	MO-SPA	matrix spike dup, rec	1/10/2019	Metal	Mercury	Dissolved	=	101	%	EPA 245.1	-88	-88	70	130	
2018/19-3	MO-SPA	matrix spike, RPD	1/10/2019	Metal	Mercury	Dissolved	=	0.5	%	EPA 245.1	-88	-88	0	20	
2018/19-3	MO-VEN	matrix spike	1/10/2019	Metal	Mercury	Dissolved	=	1000	ng/L	EPA 245.1	17	50			
2018/19-3	MO-VEN	matrix spike, rec	1/10/2019	Metal	Mercury	Dissolved	=	100	%	EPA 245.1	-88	-88	70	130	
2018/19-3	MO-VEN	matrix spike dup	1/10/2019	Metal	Mercury	Dissolved	=	952	ng/L	EPA 245.1	17	50			
2018/19-3	MO-VEN	matrix spike dup, rec	1/10/2019	Metal	Mercury	Dissolved	=	95	%	EPA 245.1	-88	-88	70	130	
2018/19-3	MO-VEN	matrix spike, RPD	1/10/2019	Metal	Mercury	Dissolved	=	5	%	EPA 245.1	-88	-88	0	20	
2018/19-3	000NONPJ	matrix spike	1/11/2019	Metal	Mercury	Total	=	988	ng/L	EPA 245.1	17	50			
2018/19-3	000NONPJ	matrix spike, rec	1/11/2019	Metal	Mercury	Total	=	93	%	EPA 245.1	-88	-88	70	130	
2018/19-3	000NONPJ	matrix spike dup	1/11/2019	Metal	Mercury	Total	=	997	ng/L	EPA 245.1	17	50			
2018/19-3	000NONPJ	matrix spike dup, rec	1/11/2019	Metal	Mercury	Total	=	94	%	EPA 245.1	-88	-88	70	130	
2018/19-3	000NONPJ	matrix spike, RPD	1/11/2019	Metal	Mercury	Total	=	1	%	EPA 245.1	-88	-88	0	20	
2018/19-3	000NONPJ	matrix spike	1/11/2019	Metal	Mercury	Total	=	941	ng/L	EPA 245.1	17	50			
2018/19-3	000NONPJ	matrix spike, rec	1/11/2019	Metal	Mercury	Total	=	92	%	EPA 245.1	-88	-88	70	130	
2018/19-3	000NONPJ	matrix spike dup	1/11/2019	Metal	Mercury	Total	=	934	ng/L	EPA 245.1	17	50			
2018/19-3	000NONPJ	matrix spike dup, rec	1/11/2019	Metal	Mercury	Total	=	92	%	EPA 245.1	-88	-88	70	130	
2018/19-3	000NONPJ	matrix spike, RPD	1/11/2019	Metal	Mercury	Total	=	0.7	%	EPA 245.1	-88	-88	0	20	
2018/19-3	Lab	method blank	1/10/2019	Metal	Mercury	Total	<	17	ng/L	EPA 245.1	17	50			
2018/19-3	Lab	LCS	1/10/2019	Metal	Mercury	Total	=	999	ng/L	EPA 245.1	17	50			
2018/19-3	Lab	LCS, rec	1/10/2019	Metal	Mercury	Total	=	100	%	EPA 245.1	-88	-88	85	115	

Appendix F
Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2018/19-3	Lab	method blank	1/11/2019	Metal	Mercury	Total	<	17	ng/L	EPA 245.1	17	50			
2018/19-3	Lab	LCS	1/11/2019	Metal	Mercury	Total	=	995	ng/L	EPA 245.1	17	50			
2018/19-3	Lab	LCS, rec	1/11/2019	Metal	Mercury	Total	=	99	%	EPA 245.1	-88	-88	85	115	
2018/19-3	MO-SPA	matrix spike	1/10/2019	Metal	Mercury	Total	=	1010	ng/L	EPA 245.1	17	50			
2018/19-3	MO-SPA	matrix spike, rec	1/10/2019	Metal	Mercury	Total	=	95	%	EPA 245.1	-88	-88	70	130	
2018/19-3	MO-SPA	matrix spike dup	1/10/2019	Metal	Mercury	Total	=	1010	ng/L	EPA 245.1	17	50			
2018/19-3	MO-SPA	matrix spike dup, rec	1/10/2019	Metal	Mercury	Total	=	95	%	EPA 245.1	-88	-88	70	130	
2018/19-3	MO-SPA	matrix spike, RPD	1/10/2019	Metal	Mercury	Total	=	0.5	%	EPA 245.1	-88	-88	0	20	
2018/19-3	MO-VEN	matrix spike	1/10/2019	Metal	Mercury	Total	=	1000	ng/L	EPA 245.1	17	50			
2018/19-3	MO-VEN	matrix spike, rec	1/10/2019	Metal	Mercury	Total	=	94	%	EPA 245.1	-88	-88	70	130	
2018/19-3	MO-VEN	matrix spike dup	1/10/2019	Metal	Mercury	Total	=	952	ng/L	EPA 245.1	17	50			
2018/19-3	MO-VEN	matrix spike dup, rec	1/10/2019	Metal	Mercury	Total	=	89	%	EPA 245.1	-88	-88	70	130	
2018/19-3	MO-VEN	matrix spike, RPD	1/10/2019	Metal	Mercury	Total	=	5	%	EPA 245.1	-88	-88	0	20	
2018/19-3	Lab	method blank	1/16/2019	Metal	Nickel	Dissolved	<	0.045	µg/L	EPA 200.8	0.045	0.8			
2018/19-3	Lab	LCS	1/16/2019	Metal	Nickel	Dissolved	=	51.4	µg/L	EPA 200.8	0.045	0.8			
2018/19-3	Lab	LCS, rec	1/16/2019	Metal	Nickel	Dissolved	=	103	%	EPA 200.8	-88	-88	85	115	
2018/19-3	Lab	method blank	2/4/2019	Metal	Nickel	Dissolved	<	0.045	µg/L	EPA 200.8	0.045	0.8			
2018/19-3	Lab	LCS	2/4/2019	Metal	Nickel	Dissolved	=	51.6	µg/L	EPA 200.8	0.045	0.8			
2018/19-3	Lab	LCS, rec	2/4/2019	Metal	Nickel	Dissolved	=	103	%	EPA 200.8	-88	-88	85	115	
2018/19-3	Lab	method blank	1/16/2019	Metal	Nickel	Total	<	0.045	µg/L	EPA 200.8	0.045	0.8			
2018/19-3	Lab	LCS	1/16/2019	Metal	Nickel	Total	=	51.4	µg/L	EPA 200.8	0.045	0.8			
2018/19-3	Lab	LCS, rec	1/16/2019	Metal	Nickel	Total	=	103	%	EPA 200.8	-88	-88	85	115	
2018/19-3	Lab	method blank	2/4/2019	Metal	Nickel	Total	<	0.045	µg/L	EPA 200.8	0.045	0.8			
2018/19-3	Lab	LCS	2/4/2019	Metal	Nickel	Total	=	51.6	µg/L	EPA 200.8	0.045	0.8			
2018/19-3	Lab	LCS, rec	2/4/2019	Metal	Nickel	Total	=	103	%	EPA 200.8	-88	-88	85	115	
2018/19-3	MO-CAM	matrix spike	2/4/2019	Metal	Nickel	Total	=	57.9	µg/L	EPA 200.8	0.045	0.8			
2018/19-3	MO-CAM	matrix spike, rec	2/4/2019	Metal	Nickel	Total	=	100	%	EPA 200.8	-88	-88	70	130	
2018/19-3	MO-CAM	matrix spike dup	2/4/2019	Metal	Nickel	Total	=	56.6	µg/L	EPA 200.8	0.045	0.8			
2018/19-3	MO-CAM	matrix spike dup, rec	2/4/2019	Metal	Nickel	Total	=	97	%	EPA 200.8	-88	-88	70	130	
2018/19-3	MO-CAM	matrix spike, RPD	2/4/2019	Metal	Nickel	Total	=	2	%	EPA 200.8	-88	-88	0	30	
2018/19-3	MO-MPK	matrix spike	1/16/2019	Metal	Nickel	Total	=	65.4	µg/L	EPA 200.8	0.045	0.8			
2018/19-3	MO-MPK	matrix spike, rec	1/16/2019	Metal	Nickel	Total	=	101	%	EPA 200.8	-88	-88	70	130	
2018/19-3	MO-MPK	matrix spike dup	1/16/2019	Metal	Nickel	Total	=	64.4	µg/L	EPA 200.8	0.045	0.8			
2018/19-3	MO-MPK	matrix spike dup, rec	1/16/2019	Metal	Nickel	Total	=	99	%	EPA 200.8	-88	-88	70	130	
2018/19-3	MO-MPK	matrix spike, RPD	1/16/2019	Metal	Nickel	Total	=	1	%	EPA 200.8	-88	-88	0	30	
2018/19-3	MO-OJA	matrix spike	2/4/2019	Metal	Nickel	Total	=	55.2	µg/L	EPA 200.8	0.045	0.8			
2018/19-3	MO-OJA	matrix spike, rec	2/4/2019	Metal	Nickel	Total	=	97	%	EPA 200.8	-88	-88	70	130	
2018/19-3	MO-OJA	matrix spike dup	2/4/2019	Metal	Nickel	Total	=	52.9	µg/L	EPA 200.8	0.045	0.8			
2018/19-3	MO-OJA	matrix spike dup, rec	2/4/2019	Metal	Nickel	Total	=	93	%	EPA 200.8	-88	-88	70	130	
2018/19-3	MO-OJA	matrix spike, RPD	2/4/2019	Metal	Nickel	Total	=	4	%	EPA 200.8	-88	-88	0	30	
2018/19-3	Lab	method blank	1/16/2019	Metal	Selenium	Dissolved	<	0.14	µg/L	EPA 200.8	0.14	0.4			
2018/19-3	Lab	LCS	1/16/2019	Metal	Selenium	Dissolved	=	52.5	µg/L	EPA 200.8	0.14	0.4			
2018/19-3	Lab	LCS, rec	1/16/2019	Metal	Selenium	Dissolved	=	105	%	EPA 200.8	-88	-88	85	115	
2018/19-3	Lab	method blank	2/4/2019	Metal	Selenium	Dissolved	<	0.14	µg/L	EPA 200.8	0.14	0.4			
2018/19-3	Lab	LCS	2/4/2019	Metal	Selenium	Dissolved	=	50.3	µg/L	EPA 200.8	0.14	0.4			
2018/19-3	Lab	LCS, rec	2/4/2019	Metal	Selenium	Dissolved	=	101	%	EPA 200.8	-88	-88	85	115	
2018/19-3	Lab	method blank	1/16/2019	Metal	Selenium	Total	<	0.14	µg/L	EPA 200.8	0.14	0.4			

Appendix F
Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2018/19-3	Lab	LCS	1/16/2019	Metal	Selenium	Total	=	52.5	µg/L	EPA 200.8	0.14	0.4			
2018/19-3	Lab	LCS, rec	1/16/2019	Metal	Selenium	Total	=	105	%	EPA 200.8	-88	-88	85	115	
2018/19-3	Lab	method blank	2/4/2019	Metal	Selenium	Total	<	0.14	µg/L	EPA 200.8	0.14	0.4			
2018/19-3	Lab	LCS	2/4/2019	Metal	Selenium	Total	=	50.3	µg/L	EPA 200.8	0.14	0.4			
2018/19-3	Lab	LCS, rec	2/4/2019	Metal	Selenium	Total	=	101	%	EPA 200.8	-88	-88	85	115	
2018/19-3	MO-CAM	matrix spike	2/4/2019	Metal	Selenium	Total	=	49.5	µg/L	EPA 200.8	0.14	0.4			
2018/19-3	MO-CAM	matrix spike, rec	2/4/2019	Metal	Selenium	Total	=	99	%	EPA 200.8	-88	-88	70	130	
2018/19-3	MO-CAM	matrix spike dup	2/4/2019	Metal	Selenium	Total	=	49	µg/L	EPA 200.8	0.14	0.4			
2018/19-3	MO-CAM	matrix spike dup, rec	2/4/2019	Metal	Selenium	Total	=	98	%	EPA 200.8	-88	-88	70	130	
2018/19-3	MO-CAM	matrix spike, RPD	2/4/2019	Metal	Selenium	Total	=	1	%	EPA 200.8	-88	-88	0	30	
2018/19-3	MO-MPK	matrix spike	1/16/2019	Metal	Selenium	Total	=	49.7	µg/L	EPA 200.8	0.14	0.4			
2018/19-3	MO-MPK	matrix spike, rec	1/16/2019	Metal	Selenium	Total	=	97	%	EPA 200.8	-88	-88	70	130	
2018/19-3	MO-MPK	matrix spike dup	1/16/2019	Metal	Selenium	Total	=	50.1	µg/L	EPA 200.8	0.14	0.4			
2018/19-3	MO-MPK	matrix spike dup, rec	1/16/2019	Metal	Selenium	Total	=	98	%	EPA 200.8	-88	-88	70	130	
2018/19-3	MO-MPK	matrix spike, RPD	1/16/2019	Metal	Selenium	Total	=	0.9	%	EPA 200.8	-88	-88	0	30	
2018/19-3	MO-OJA	matrix spike	2/4/2019	Metal	Selenium	Total	=	47.3	µg/L	EPA 200.8	0.14	0.4			
2018/19-3	MO-OJA	matrix spike, rec	2/4/2019	Metal	Selenium	Total	=	94	%	EPA 200.8	-88	-88	70	130	
2018/19-3	MO-OJA	matrix spike dup	2/4/2019	Metal	Selenium	Total	=	45.5	µg/L	EPA 200.8	0.14	0.4			
2018/19-3	MO-OJA	matrix spike dup, rec	2/4/2019	Metal	Selenium	Total	=	91	%	EPA 200.8	-88	-88	70	130	
2018/19-3	MO-OJA	matrix spike, RPD	2/4/2019	Metal	Selenium	Total	=	4	%	EPA 200.8	-88	-88	0	30	
2018/19-3	Lab	method blank	1/16/2019	Metal	Silver	Dissolved	<	0.062	µg/L	EPA 200.8	0.062	0.2			
2018/19-3	Lab	LCS	1/16/2019	Metal	Silver	Dissolved	=	48.8	µg/L	EPA 200.8	0.062	0.2			
2018/19-3	Lab	LCS, rec	1/16/2019	Metal	Silver	Dissolved	=	98	%	EPA 200.8	-88	-88	85	115	
2018/19-3	Lab	method blank	2/4/2019	Metal	Silver	Dissolved	<	0.062	µg/L	EPA 200.8	0.062	0.2			
2018/19-3	Lab	LCS	2/4/2019	Metal	Silver	Dissolved	=	51.7	µg/L	EPA 200.8	0.062	0.2			
2018/19-3	Lab	LCS, rec	2/4/2019	Metal	Silver	Dissolved	=	103	%	EPA 200.8	-88	-88	85	115	
2018/19-3	Lab	method blank	1/16/2019	Metal	Silver	Total	<	0.062	µg/L	EPA 200.8	0.062	0.2			
2018/19-3	Lab	LCS	1/16/2019	Metal	Silver	Total	=	48.8	µg/L	EPA 200.8	0.062	0.2			
2018/19-3	Lab	LCS, rec	1/16/2019	Metal	Silver	Total	=	98	%	EPA 200.8	-88	-88	85	115	
2018/19-3	Lab	method blank	2/4/2019	Metal	Silver	Total	<	0.062	µg/L	EPA 200.8	0.062	0.2			
2018/19-3	Lab	LCS	2/4/2019	Metal	Silver	Total	=	51.7	µg/L	EPA 200.8	0.062	0.2			
2018/19-3	Lab	LCS, rec	2/4/2019	Metal	Silver	Total	=	103	%	EPA 200.8	-88	-88	85	115	
2018/19-3	MO-CAM	matrix spike	2/4/2019	Metal	Silver	Total	=	51.7	µg/L	EPA 200.8	0.062	0.2			
2018/19-3	MO-CAM	matrix spike, rec	2/4/2019	Metal	Silver	Total	=	103	%	EPA 200.8	-88	-88	70	130	
2018/19-3	MO-CAM	matrix spike dup	2/4/2019	Metal	Silver	Total	=	51.2	µg/L	EPA 200.8	0.062	0.2			
2018/19-3	MO-CAM	matrix spike dup, rec	2/4/2019	Metal	Silver	Total	=	102	%	EPA 200.8	-88	-88	70	130	
2018/19-3	MO-CAM	matrix spike, RPD	2/4/2019	Metal	Silver	Total	=	0.9	%	EPA 200.8	-88	-88	0	30	
2018/19-3	MO-MPK	matrix spike	1/16/2019	Metal	Silver	Total	=	48.5	µg/L	EPA 200.8	0.062	0.2			
2018/19-3	MO-MPK	matrix spike, rec	1/16/2019	Metal	Silver	Total	=	97	%	EPA 200.8	-88	-88	70	130	
2018/19-3	MO-MPK	matrix spike dup	1/16/2019	Metal	Silver	Total	=	48	µg/L	EPA 200.8	0.062	0.2			
2018/19-3	MO-MPK	matrix spike dup, rec	1/16/2019	Metal	Silver	Total	=	96	%	EPA 200.8	-88	-88	70	130	
2018/19-3	MO-MPK	matrix spike, RPD	1/16/2019	Metal	Silver	Total	=	1	%	EPA 200.8	-88	-88	0	30	
2018/19-3	MO-OJA	matrix spike	2/4/2019	Metal	Silver	Total	=	50.9	µg/L	EPA 200.8	0.062	0.2			
2018/19-3	MO-OJA	matrix spike, rec	2/4/2019	Metal	Silver	Total	=	102	%	EPA 200.8	-88	-88	70	130	
2018/19-3	MO-OJA	matrix spike dup	2/4/2019	Metal	Silver	Total	=	51	µg/L	EPA 200.8	0.062	0.2			
2018/19-3	MO-OJA	matrix spike dup, rec	2/4/2019	Metal	Silver	Total	=	102	%	EPA 200.8	-88	-88	70	130	
2018/19-3	MO-OJA	matrix spike, RPD	2/4/2019	Metal	Silver	Total	=	0.3	%	EPA 200.8	-88	-88	0	30	

Appendix F
Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2018/19-3	Lab	method blank	1/16/2019	Metal	Thallium	Dissolved	<	0.014	µg/L	EPA 200.8	0.014	0.2			
2018/19-3	Lab	LCS	1/16/2019	Metal	Thallium	Dissolved	=	51.6	µg/L	EPA 200.8	0.014	0.2			
2018/19-3	Lab	LCS, rec	1/16/2019	Metal	Thallium	Dissolved	=	103	%	EPA 200.8	-88	-88	85	115	
2018/19-3	Lab	method blank	2/4/2019	Metal	Thallium	Dissolved	<	0.014	µg/L	EPA 200.8	0.014	0.2			
2018/19-3	Lab	LCS	2/4/2019	Metal	Thallium	Dissolved	=	52.3	µg/L	EPA 200.8	0.014	0.2			
2018/19-3	Lab	LCS, rec	2/4/2019	Metal	Thallium	Dissolved	=	105	%	EPA 200.8	-88	-88	85	115	
2018/19-3	Lab	method blank	1/16/2019	Metal	Thallium	Total	<	0.014	µg/L	EPA 200.8	0.014	0.2			
2018/19-3	Lab	LCS	1/16/2019	Metal	Thallium	Total	=	51.6	µg/L	EPA 200.8	0.014	0.2			
2018/19-3	Lab	LCS, rec	1/16/2019	Metal	Thallium	Total	=	103	%	EPA 200.8	-88	-88	85	115	
2018/19-3	Lab	method blank	2/4/2019	Metal	Thallium	Total	<	0.014	µg/L	EPA 200.8	0.014	0.2			
2018/19-3	Lab	LCS	2/4/2019	Metal	Thallium	Total	=	52.3	µg/L	EPA 200.8	0.014	0.2			
2018/19-3	Lab	LCS, rec	2/4/2019	Metal	Thallium	Total	=	105	%	EPA 200.8	-88	-88	85	115	
2018/19-3	MO-CAM	matrix spike	2/4/2019	Metal	Thallium	Total	=	51.7	µg/L	EPA 200.8	0.014	0.2			
2018/19-3	MO-CAM	matrix spike, rec	2/4/2019	Metal	Thallium	Total	=	103	%	EPA 200.8	-88	-88	70	130	
2018/19-3	MO-CAM	matrix spike dup	2/4/2019	Metal	Thallium	Total	=	51.3	µg/L	EPA 200.8	0.014	0.2			
2018/19-3	MO-CAM	matrix spike dup, rec	2/4/2019	Metal	Thallium	Total	=	103	%	EPA 200.8	-88	-88	70	130	
2018/19-3	MO-CAM	matrix spike, RPD	2/4/2019	Metal	Thallium	Total	=	0.8	%	EPA 200.8	-88	-88	0	30	
2018/19-3	MO-MPK	matrix spike	1/16/2019	Metal	Thallium	Total	=	53	µg/L	EPA 200.8	0.014	0.2			
2018/19-3	MO-MPK	matrix spike, rec	1/16/2019	Metal	Thallium	Total	=	106	%	EPA 200.8	-88	-88	70	130	
2018/19-3	MO-MPK	matrix spike dup	1/16/2019	Metal	Thallium	Total	=	53.1	µg/L	EPA 200.8	0.014	0.2			
2018/19-3	MO-MPK	matrix spike dup, rec	1/16/2019	Metal	Thallium	Total	=	106	%	EPA 200.8	-88	-88	70	130	
2018/19-3	MO-MPK	matrix spike, RPD	1/16/2019	Metal	Thallium	Total	=	0.3	%	EPA 200.8	-88	-88	0	30	
2018/19-3	MO-OJA	matrix spike	2/4/2019	Metal	Thallium	Total	=	51.3	µg/L	EPA 200.8	0.014	0.2			
2018/19-3	MO-OJA	matrix spike, rec	2/4/2019	Metal	Thallium	Total	=	103	%	EPA 200.8	-88	-88	70	130	
2018/19-3	MO-OJA	matrix spike dup	2/4/2019	Metal	Thallium	Total	=	50.8	µg/L	EPA 200.8	0.014	0.2			
2018/19-3	MO-OJA	matrix spike dup, rec	2/4/2019	Metal	Thallium	Total	=	102	%	EPA 200.8	-88	-88	70	130	
2018/19-3	MO-OJA	matrix spike, RPD	2/4/2019	Metal	Thallium	Total	=	1	%	EPA 200.8	-88	-88	0	30	
2018/19-3	Lab	method blank	1/16/2019	Metal	Zinc	Dissolved	<	0.94	µg/L	EPA 200.8	0.94	5			
2018/19-3	Lab	LCS	1/16/2019	Metal	Zinc	Dissolved	=	52.8	µg/L	EPA 200.8	0.94	5			
2018/19-3	Lab	LCS, rec	1/16/2019	Metal	Zinc	Dissolved	=	106	%	EPA 200.8	-88	-88	85	115	
2018/19-3	Lab	method blank	2/4/2019	Metal	Zinc	Dissolved	<	0.94	µg/L	EPA 200.8	0.94	5			
2018/19-3	Lab	LCS	2/4/2019	Metal	Zinc	Dissolved	=	53.2	µg/L	EPA 200.8	0.94	5			
2018/19-3	Lab	LCS, rec	2/4/2019	Metal	Zinc	Dissolved	=	107	%	EPA 200.8	-88	-88	85	115	
2018/19-3	Lab	method blank	1/16/2019	Metal	Zinc	Total	<	0.94	µg/L	EPA 200.8	0.94	5			
2018/19-3	Lab	LCS	1/16/2019	Metal	Zinc	Total	=	52.8	µg/L	EPA 200.8	0.94	5			
2018/19-3	Lab	LCS, rec	1/16/2019	Metal	Zinc	Total	=	106	%	EPA 200.8	-88	-88	85	115	
2018/19-3	Lab	method blank	2/4/2019	Metal	Zinc	Total	<	0.94	µg/L	EPA 200.8	0.94	5			
2018/19-3	Lab	LCS	2/4/2019	Metal	Zinc	Total	=	53.2	µg/L	EPA 200.8	0.94	5			
2018/19-3	Lab	LCS, rec	2/4/2019	Metal	Zinc	Total	=	107	%	EPA 200.8	-88	-88	85	115	
2018/19-3	MO-CAM	matrix spike	2/4/2019	Metal	Zinc	Total	=	232	µg/L	EPA 200.8	0.94	5			
2018/19-3	MO-CAM	matrix spike, rec	2/4/2019	Metal	Zinc	Total	=	93	%	EPA 200.8	-88	-88	70	130	
2018/19-3	MO-CAM	matrix spike dup	2/4/2019	Metal	Zinc	Total	=	231	µg/L	EPA 200.8	0.94	5			
2018/19-3	MO-CAM	matrix spike dup, rec	2/4/2019	Metal	Zinc	Total	=	90	%	EPA 200.8	-88	-88	70	130	
2018/19-3	MO-CAM	matrix spike, RPD	2/4/2019	Metal	Zinc	Total	=	0.6	%	EPA 200.8	-88	-88	0	30	
2018/19-3	MO-MPK	matrix spike	1/16/2019	Metal	Zinc	Total	=	190	µg/L	EPA 200.8	0.94	5			
2018/19-3	MO-MPK	matrix spike, rec	1/16/2019	Metal	Zinc	Total	=	102	%	EPA 200.8	-88	-88	70	130	
2018/19-3	MO-MPK	matrix spike dup	1/16/2019	Metal	Zinc	Total	=	187	µg/L	EPA 200.8	0.94	5			

Appendix F
Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2018/19-3	MO-MPK	matrix spike dup, rec	1/16/2019	Metal	Zinc	Total	=	97	%	EPA 200.8	-88	-88	70	130	
2018/19-3	MO-MPK	matrix spike, RPD	1/16/2019	Metal	Zinc	Total	=	1	%	EPA 200.8	-88	-88	0	30	
2018/19-3	MO-OJA	matrix spike	2/4/2019	Metal	Zinc	Total	=	120	µg/L	EPA 200.8	0.94	5			
2018/19-3	MO-OJA	matrix spike, rec	2/4/2019	Metal	Zinc	Total	=	101	%	EPA 200.8	-88	-88	70	130	
2018/19-3	MO-OJA	matrix spike dup	2/4/2019	Metal	Zinc	Total	=	113	µg/L	EPA 200.8	0.94	5			
2018/19-3	MO-OJA	matrix spike dup, rec	2/4/2019	Metal	Zinc	Total	=	87	%	EPA 200.8	-88	-88	70	130	
2018/19-3	MO-OJA	matrix spike, RPD	2/4/2019	Metal	Zinc	Total	=	6	%	EPA 200.8	-88	-88	0	30	
2018/19-3	000NONPJ	matrix spike	1/15/2019	Nutrient	Ammonia as N	n/a	=	0.234	mg/L	EPA 350.1	0.048	0.1			
2018/19-3	000NONPJ	matrix spike	1/15/2019	Nutrient	Ammonia as N	n/a	=	0.246	mg/L	EPA 350.1	0.048	0.1			
2018/19-3	000NONPJ	matrix spike	1/15/2019	Nutrient	Ammonia as N	n/a	=	0.239	mg/L	EPA 350.1	0.048	0.1			
2018/19-3	000NONPJ	matrix spike	1/15/2019	Nutrient	Ammonia as N	n/a	=	0.239	mg/L	EPA 350.1	0.048	0.1			
2018/19-3	000NONPJ	matrix spike dup	1/15/2019	Nutrient	Ammonia as N	n/a	=	0.236	mg/L	EPA 350.1	0.048	0.1			
2018/19-3	000NONPJ	matrix spike dup	1/15/2019	Nutrient	Ammonia as N	n/a	=	0.235	mg/L	EPA 350.1	0.048	0.1			
2018/19-3	000NONPJ	matrix spike dup	1/15/2019	Nutrient	Ammonia as N	n/a	=	0.239	mg/L	EPA 350.1	0.048	0.1			
2018/19-3	000NONPJ	matrix spike dup	1/15/2019	Nutrient	Ammonia as N	n/a	=	0.249	mg/L	EPA 350.1	0.048	0.1			
2018/19-3	000NONPJ	matrix spike dup, rec	1/15/2019	Nutrient	Ammonia as N	n/a	=	94	%	EPA 350.1	-88	-88	90	110	
2018/19-3	000NONPJ	matrix spike dup, rec	1/15/2019	Nutrient	Ammonia as N	n/a	=	99	%	EPA 350.1	-88	-88	90	110	
2018/19-3	000NONPJ	matrix spike dup, rec	1/15/2019	Nutrient	Ammonia as N	n/a	=	96	%	EPA 350.1	-88	-88	90	110	
2018/19-3	000NONPJ	matrix spike dup, rec	1/15/2019	Nutrient	Ammonia as N	n/a	=	94	%	EPA 350.1	-88	-88	90	110	
2018/19-3	000NONPJ	matrix spike, rec	1/15/2019	Nutrient	Ammonia as N	n/a	=	96	%	EPA 350.1	-88	-88	90	110	
2018/19-3	000NONPJ	matrix spike, rec	1/15/2019	Nutrient	Ammonia as N	n/a	=	98	%	EPA 350.1	-88	-88	90	110	
2018/19-3	000NONPJ	matrix spike, rec	1/15/2019	Nutrient	Ammonia as N	n/a	=	94	%	EPA 350.1	-88	-88	90	110	
2018/19-3	000NONPJ	matrix spike, rec	1/15/2019	Nutrient	Ammonia as N	n/a	=	96	%	EPA 350.1	-88	-88	90	110	
2018/19-3	000NONPJ	matrix spike, RPD	1/15/2019	Nutrient	Ammonia as N	n/a	=	0.8	%	EPA 350.1	-88	-88	0	15	
2018/19-3	000NONPJ	matrix spike, RPD	1/15/2019	Nutrient	Ammonia as N	n/a	=	1	%	EPA 350.1	-88	-88	0	15	
2018/19-3	000NONPJ	matrix spike, RPD	1/15/2019	Nutrient	Ammonia as N	n/a	=	0.05	%	EPA 350.1	-88	-88	0	15	
2018/19-3	000NONPJ	matrix spike, RPD	1/15/2019	Nutrient	Ammonia as N	n/a	=	2	%	EPA 350.1	-88	-88	0	15	
2018/19-3	Lab	LCS	1/15/2019	Nutrient	Ammonia as N	n/a	=	0.231	mg/L	EPA 350.1	0.048	0.1			
2018/19-3	Lab	LCS	1/15/2019	Nutrient	Ammonia as N	n/a	=	0.231	mg/L	EPA 350.1	0.048	0.1			
2018/19-3	Lab	LCS	1/15/2019	Nutrient	Ammonia as N	n/a	=	0.235	mg/L	EPA 350.1	0.048	0.1			
2018/19-3	Lab	LCS	1/15/2019	Nutrient	Ammonia as N	n/a	=	0.233	mg/L	EPA 350.1	0.048	0.1			
2018/19-3	Lab	LCS, rec	1/15/2019	Nutrient	Ammonia as N	n/a	=	93	%	EPA 350.1	-88	-88	90	110	
2018/19-3	Lab	LCS, rec	1/15/2019	Nutrient	Ammonia as N	n/a	=	92	%	EPA 350.1	-88	-88	90	110	
2018/19-3	Lab	LCS, rec	1/15/2019	Nutrient	Ammonia as N	n/a	=	94	%	EPA 350.1	-88	-88	90	110	
2018/19-3	Lab	LCS, rec	1/15/2019	Nutrient	Ammonia as N	n/a	=	93	%	EPA 350.1	-88	-88	90	110	
2018/19-3	Lab	method blank	1/15/2019	Nutrient	Ammonia as N	n/a	<	0.048	mg/L	EPA 350.1	0.048	0.1			
2018/19-3	Lab	method blank	1/15/2019	Nutrient	Ammonia as N	n/a	<	0.048	mg/L	EPA 350.1	0.048	0.1			
2018/19-3	Lab	method blank	1/15/2019	Nutrient	Ammonia as N	n/a	<	0.048	mg/L	EPA 350.1	0.048	0.1			
2018/19-3	Lab	method blank	1/15/2019	Nutrient	Ammonia as N	n/a	<	0.048	mg/L	EPA 350.1	0.048	0.1			
2018/19-3	000NONPJ	matrix spike	1/7/2019	Nutrient	Nitrate + Nitrite as N	n/a	=	1.94	mg/L	EPA 353.2	0.083	0.2			
2018/19-3	000NONPJ	matrix spike, rec	1/7/2019	Nutrient	Nitrate + Nitrite as N	n/a	=	97	%	EPA 353.2	-88	-88	90	110	
2018/19-3	000NONPJ	matrix spike dup	1/7/2019	Nutrient	Nitrate + Nitrite as N	n/a	=	1.93	mg/L	EPA 353.2	0.083	0.2			
2018/19-3	000NONPJ	matrix spike dup, rec	1/7/2019	Nutrient	Nitrate + Nitrite as N	n/a	=	96	%	EPA 353.2	-88	-88	90	110	
2018/19-3	000NONPJ	matrix spike, RPD	1/7/2019	Nutrient	Nitrate + Nitrite as N	n/a	=	0.5	%	EPA 353.2	-88	-88	0	20	
2018/19-3	000NONPJ	matrix spike	1/8/2019	Nutrient	Nitrate + Nitrite as N	n/a	=	10.1	mg/L	EPA 353.2	0.17	0.4			
2018/19-3	000NONPJ	matrix spike, rec	1/8/2019	Nutrient	Nitrate + Nitrite as N	n/a	=	95	%	EPA 353.2	-88	-88	90	110	
2018/19-3	000NONPJ	matrix spike dup	1/8/2019	Nutrient	Nitrate + Nitrite as N	n/a	=	10	mg/L	EPA 353.2	0.17	0.4			

Appendix F
Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2018/19-3	000NONPJ	matrix spike dup, rec	1/8/2019	Nutrient	Nitrate + Nitrite as N	n/a	=	94	%	EPA 353.2	-88	-88	90	110	
2018/19-3	000NONPJ	matrix spike, RPD	1/8/2019	Nutrient	Nitrate + Nitrite as N	n/a	=	0.6	%	EPA 353.2	-88	-88	0	20	
2018/19-3	000NONPJ	matrix spike	1/12/2019	Nutrient	Nitrate + Nitrite as N	n/a	=	2	mg/L	EPA 353.2	0.083	0.2			
2018/19-3	000NONPJ	matrix spike, rec	1/12/2019	Nutrient	Nitrate + Nitrite as N	n/a	=	91	%	EPA 353.2	-88	-88	90	110	
2018/19-3	000NONPJ	matrix spike dup	1/12/2019	Nutrient	Nitrate + Nitrite as N	n/a	=	2.02	mg/L	EPA 353.2	0.083	0.2			
2018/19-3	000NONPJ	matrix spike dup, rec	1/12/2019	Nutrient	Nitrate + Nitrite as N	n/a	=	92	%	EPA 353.2	-88	-88	90	110	
2018/19-3	000NONPJ	matrix spike, RPD	1/12/2019	Nutrient	Nitrate + Nitrite as N	n/a	=	1	%	EPA 353.2	-88	-88	0	20	
2018/19-3	000NONPJ	matrix spike	1/12/2019	Nutrient	Nitrate + Nitrite as N	n/a	=	1.93	mg/L	EPA 353.2	0.083	0.2			
2018/19-3	000NONPJ	matrix spike, rec	1/12/2019	Nutrient	Nitrate + Nitrite as N	n/a	=	92	%	EPA 353.2	-88	-88	90	110	
2018/19-3	000NONPJ	matrix spike dup	1/12/2019	Nutrient	Nitrate + Nitrite as N	n/a	=	1.93	mg/L	EPA 353.2	0.083	0.2			
2018/19-3	000NONPJ	matrix spike dup, rec	1/12/2019	Nutrient	Nitrate + Nitrite as N	n/a	=	92	%	EPA 353.2	-88	-88	90	110	
2018/19-3	000NONPJ	matrix spike, RPD	1/12/2019	Nutrient	Nitrate + Nitrite as N	n/a	=	0	%	EPA 353.2	-88	-88	0	20	
2018/19-3	Lab	method blank	1/7/2019	Nutrient	Nitrate + Nitrite as N	n/a	<	0.083	mg/L	EPA 353.2	0.083	0.2			
2018/19-3	Lab	LCS	1/7/2019	Nutrient	Nitrate + Nitrite as N	n/a	=	0.941	mg/L	EPA 353.2	0.083	0.2			
2018/19-3	Lab	LCS, rec	1/7/2019	Nutrient	Nitrate + Nitrite as N	n/a	=	94	%	EPA 353.2	-88	-88	90	110	
2018/19-3	Lab	method blank	1/8/2019	Nutrient	Nitrate + Nitrite as N	n/a	<	0.083	mg/L	EPA 353.2	0.083	0.2			
2018/19-3	Lab	LCS	1/8/2019	Nutrient	Nitrate + Nitrite as N	n/a	=	0.953	mg/L	EPA 353.2	0.083	0.2			
2018/19-3	Lab	LCS, rec	1/8/2019	Nutrient	Nitrate + Nitrite as N	n/a	=	95	%	EPA 353.2	-88	-88	90	110	
2018/19-3	Lab	method blank	1/12/2019	Nutrient	Nitrate + Nitrite as N	n/a	<	0.083	mg/L	EPA 353.2	0.083	0.2			
2018/19-3	Lab	LCS	1/12/2019	Nutrient	Nitrate + Nitrite as N	n/a	=	0.916	mg/L	EPA 353.2	0.083	0.2			
2018/19-3	Lab	LCS, rec	1/12/2019	Nutrient	Nitrate + Nitrite as N	n/a	=	92	%	EPA 353.2	-88	-88	90	110	
2018/19-3	000NONPJ	matrix spike	1/7/2019	Nutrient	Nitrate as N	n/a	=	1.94	mg/L	EPA 353.2	0.083	0.2			
2018/19-3	000NONPJ	matrix spike, rec	1/7/2019	Nutrient	Nitrate as N	n/a	=	97	%	EPA 353.2	-88	-88	90	110	
2018/19-3	000NONPJ	matrix spike dup	1/7/2019	Nutrient	Nitrate as N	n/a	=	1.93	mg/L	EPA 353.2	0.083	0.2			
2018/19-3	000NONPJ	matrix spike dup, rec	1/7/2019	Nutrient	Nitrate as N	n/a	=	96	%	EPA 353.2	-88	-88	90	110	
2018/19-3	000NONPJ	matrix spike, RPD	1/7/2019	Nutrient	Nitrate as N	n/a	=	0.5	%	EPA 353.2	-88	-88	0	20	
2018/19-3	000NONPJ	matrix spike	1/8/2019	Nutrient	Nitrate as N	n/a	=	10.1	mg/L	EPA 353.2	0.17	0.4			
2018/19-3	000NONPJ	matrix spike, rec	1/8/2019	Nutrient	Nitrate as N	n/a	=	95	%	EPA 353.2	-88	-88	90	110	
2018/19-3	000NONPJ	matrix spike dup	1/8/2019	Nutrient	Nitrate as N	n/a	=	10	mg/L	EPA 353.2	0.17	0.4			
2018/19-3	000NONPJ	matrix spike dup, rec	1/8/2019	Nutrient	Nitrate as N	n/a	=	94	%	EPA 353.2	-88	-88	90	110	
2018/19-3	000NONPJ	matrix spike, RPD	1/8/2019	Nutrient	Nitrate as N	n/a	=	0.6	%	EPA 353.2	-88	-88	0	20	
2018/19-3	Lab	method blank	1/7/2019	Nutrient	Nitrate as N	n/a	<	0.083	mg/L	EPA 353.2	0.083	0.2			
2018/19-3	Lab	LCS	1/7/2019	Nutrient	Nitrate as N	n/a	=	0.941	mg/L	EPA 353.2	0.083	0.2			
2018/19-3	Lab	LCS, rec	1/7/2019	Nutrient	Nitrate as N	n/a	=	94	%	EPA 353.2	-88	-88	90	110	
2018/19-3	Lab	method blank	1/8/2019	Nutrient	Nitrate as N	n/a	<	0.083	mg/L	EPA 353.2	0.083	0.2			
2018/19-3	Lab	LCS	1/8/2019	Nutrient	Nitrate as N	n/a	=	0.953	mg/L	EPA 353.2	0.083	0.2			
2018/19-3	Lab	LCS, rec	1/8/2019	Nutrient	Nitrate as N	n/a	=	95	%	EPA 353.2	-88	-88	90	110	
2018/19-3	Lab	method blank	1/16/2019	Nutrient	Phosphorus as P	Dissolved	<	0.012	mg/L	EPA 200.7	0.012	0.02			
2018/19-3	Lab	LCS	1/16/2019	Nutrient	Phosphorus as P	Dissolved	=	1.03	mg/L	EPA 200.7	0.012	0.02			
2018/19-3	Lab	LCS, rec	1/16/2019	Nutrient	Phosphorus as P	Dissolved	=	103	%	EPA 200.7	-88	-88	85	115	
2018/19-3	Lab	method blank	1/16/2019	Nutrient	Phosphorus as P	Dissolved	<	0.012	mg/L	EPA 200.7	0.012	0.02			
2018/19-3	Lab	method blank	1/17/2019	Nutrient	Phosphorus as P	Dissolved	<	0.012	mg/L	EPA 200.7	0.012	0.02			
2018/19-3	Lab	LCS	1/17/2019	Nutrient	Phosphorus as P	Dissolved	=	1.02	mg/L	EPA 200.7	0.012	0.02			
2018/19-3	Lab	LCS, rec	1/17/2019	Nutrient	Phosphorus as P	Dissolved	=	102	%	EPA 200.7	-88	-88	85	115	
2018/19-3	Lab	method blank	1/31/2019	Nutrient	Phosphorus as P	Dissolved	<	0.012	mg/L	EPA 200.7	0.012	0.02			
2018/19-3	Lab	method blank	1/31/2019	Nutrient	Phosphorus as P	Dissolved	<	0.012	mg/L	EPA 200.7	0.012	0.02			
2018/19-3	Lab	LCS	1/31/2019	Nutrient	Phosphorus as P	Dissolved	=	1.11	mg/L	EPA 200.7	0.012	0.02			

Appendix F
Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2018/19-3	Lab	LCS, rec	1/31/2019	Nutrient	Phosphorus as P	Dissolved	=	111	%	EPA 200.7	-88	-88	85	115	
2018/19-3	000NONPJ	lab duplicate	1/31/2019	Nutrient	Phosphorus as P	Total	=	0.359	mg/L	EPA 200.7	0.012	0.02		20	
2018/19-3	000NONPJ	matrix spike	1/31/2019	Nutrient	Phosphorus as P	Total	=	1.57	mg/L	EPA 200.7	0.012	0.02			
2018/19-3	000NONPJ	matrix spike, rec	1/31/2019	Nutrient	Phosphorus as P	Total	=	111	%	EPA 200.7	-88	-88	70	130	
2018/19-3	000NONPJ	matrix spike dup	1/31/2019	Nutrient	Phosphorus as P	Total	=	1.54	mg/L	EPA 200.7	0.012	0.02			
2018/19-3	000NONPJ	matrix spike dup, rec	1/31/2019	Nutrient	Phosphorus as P	Total	=	108	%	EPA 200.7	-88	-88	70	130	
2018/19-3	000NONPJ	matrix spike, RPD	1/31/2019	Nutrient	Phosphorus as P	Total	=	2	%	EPA 200.7	-88	-88	0	30	
2018/19-3	000NONPJ	matrix spike	1/31/2019	Nutrient	Phosphorus as P	Total	=	1.55	mg/L	EPA 200.7	0.012	0.02			
2018/19-3	000NONPJ	matrix spike, rec	1/31/2019	Nutrient	Phosphorus as P	Total	=	113	%	EPA 200.7	-88	-88	70	130	
2018/19-3	000NONPJ	matrix spike dup	1/31/2019	Nutrient	Phosphorus as P	Total	=	1.57	mg/L	EPA 200.7	0.012	0.02			
2018/19-3	000NONPJ	matrix spike dup, rec	1/31/2019	Nutrient	Phosphorus as P	Total	=	114	%	EPA 200.7	-88	-88	70	130	
2018/19-3	000NONPJ	matrix spike, RPD	1/31/2019	Nutrient	Phosphorus as P	Total	=	0.9	%	EPA 200.7	-88	-88	0	30	
2018/19-3	Lab	method blank	1/16/2019	Nutrient	Phosphorus as P	Total	DNQ	0.016	mg/L	EPA 200.7	0.012	0.02			IP
2018/19-3	Lab	LCS	1/16/2019	Nutrient	Phosphorus as P	Total	=	1.03	mg/L	EPA 200.7	0.012	0.02			
2018/19-3	Lab	LCS, rec	1/16/2019	Nutrient	Phosphorus as P	Total	=	103	%	EPA 200.7	-88	-88	85	115	
2018/19-3	Lab	method blank	1/17/2019	Nutrient	Phosphorus as P	Total	<	0.012	mg/L	EPA 200.7	0.012	0.02			
2018/19-3	Lab	LCS	1/17/2019	Nutrient	Phosphorus as P	Total	=	1.02	mg/L	EPA 200.7	0.012	0.02			
2018/19-3	Lab	LCS, rec	1/17/2019	Nutrient	Phosphorus as P	Total	=	102	%	EPA 200.7	-88	-88	85	115	
2018/19-3	Lab	method blank	1/31/2019	Nutrient	Phosphorus as P	Total	<	0.012	mg/L	EPA 200.7	0.012	0.02			
2018/19-3	Lab	LCS	1/31/2019	Nutrient	Phosphorus as P	Total	=	1.11	mg/L	EPA 200.7	0.012	0.02			
2018/19-3	Lab	LCS, rec	1/31/2019	Nutrient	Phosphorus as P	Total	=	111	%	EPA 200.7	-88	-88	85	115	
2018/19-3	MO-FIL	matrix spike	1/17/2019	Nutrient	Phosphorus as P	Total	=	1.5	mg/L	EPA 200.7	0.012	0.02			
2018/19-3	MO-FIL	matrix spike, rec	1/17/2019	Nutrient	Phosphorus as P	Total	=	105	%	EPA 200.7	-88	-88	70	130	
2018/19-3	MO-FIL	matrix spike dup	1/17/2019	Nutrient	Phosphorus as P	Total	=	1.55	mg/L	EPA 200.7	0.012	0.02			
2018/19-3	MO-FIL	matrix spike dup, rec	1/17/2019	Nutrient	Phosphorus as P	Total	=	110	%	EPA 200.7	-88	-88	70	130	
2018/19-3	MO-FIL	matrix spike, RPD	1/17/2019	Nutrient	Phosphorus as P	Total	=	4	%	EPA 200.7	-88	-88	0	30	
2018/19-3	MO-MEI	matrix spike	1/17/2019	Nutrient	Phosphorus as P	Total	=	1.58	mg/L	EPA 200.7	0.012	0.02			
2018/19-3	MO-MEI	matrix spike, rec	1/17/2019	Nutrient	Phosphorus as P	Total	=	98	%	EPA 200.7	-88	-88	70	130	
2018/19-3	MO-MEI	matrix spike dup	1/17/2019	Nutrient	Phosphorus as P	Total	=	1.65	mg/L	EPA 200.7	0.012	0.02			
2018/19-3	MO-MEI	matrix spike dup, rec	1/17/2019	Nutrient	Phosphorus as P	Total	=	106	%	EPA 200.7	-88	-88	70	130	
2018/19-3	MO-MEI	matrix spike, RPD	1/17/2019	Nutrient	Phosphorus as P	Total	=	4	%	EPA 200.7	-88	-88	0	30	
2018/19-3	MO-MPK	matrix spike	1/16/2019	Nutrient	Phosphorus as P	Total	=	2.08	mg/L	EPA 200.7	0.012	0.02			
2018/19-3	MO-MPK	matrix spike, rec	1/16/2019	Nutrient	Phosphorus as P	Total	=	118	%	EPA 200.7	-88	-88	70	130	
2018/19-3	MO-MPK	matrix spike dup	1/16/2019	Nutrient	Phosphorus as P	Total	=	2.03	mg/L	EPA 200.7	0.012	0.02			
2018/19-3	MO-MPK	matrix spike dup, rec	1/16/2019	Nutrient	Phosphorus as P	Total	=	112	%	EPA 200.7	-88	-88	70	130	
2018/19-3	MO-MPK	matrix spike, RPD	1/16/2019	Nutrient	Phosphorus as P	Total	=	3	%	EPA 200.7	-88	-88	0	30	
2018/19-3	000NONPJ	matrix spike	1/11/2019	Nutrient	TKN	n/a	=	1.32	mg/L	EPA 351.2	0.05	0.1			
2018/19-3	000NONPJ	matrix spike dup	1/11/2019	Nutrient	TKN	n/a	=	1.45	mg/L	EPA 351.2	0.05	0.1			GB
2018/19-3	000NONPJ	matrix spike dup, rec	1/11/2019	Nutrient	TKN	n/a	=	115	%	EPA 351.2	-88	-88	90	110	GB
2018/19-3	000NONPJ	matrix spike, rec	1/11/2019	Nutrient	TKN	n/a	=	102	%	EPA 351.2	-88	-88	90	110	
2018/19-3	000NONPJ	matrix spike, RPD	1/11/2019	Nutrient	TKN	n/a	=	9	%	EPA 351.2	-88	-88	0	10	GB
2018/19-3	000NONPJ	matrix spike	1/12/2019	Nutrient	TKN	n/a	=	1.04	mg/L	EPA 351.2	0.05	0.1			
2018/19-3	000NONPJ	matrix spike	1/12/2019	Nutrient	TKN	n/a	=	1.08	mg/L	EPA 351.2	0.05	0.1			
2018/19-3	000NONPJ	matrix spike dup	1/12/2019	Nutrient	TKN	n/a	=	1.06	mg/L	EPA 351.2	0.05	0.1			
2018/19-3	000NONPJ	matrix spike dup	1/12/2019	Nutrient	TKN	n/a	=	1.06	mg/L	EPA 351.2	0.05	0.1			
2018/19-3	000NONPJ	matrix spike dup, rec	1/12/2019	Nutrient	TKN	n/a	=	106	%	EPA 351.2	-88	-88	90	110	
2018/19-3	000NONPJ	matrix spike dup, rec	1/12/2019	Nutrient	TKN	n/a	=	106	%	EPA 351.2	-88	-88	90	110	

Appendix F
Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2018/19-3	000NONPJ	matrix spike, rec	1/12/2019	Nutrient	TKN	n/a	=	108	%	EPA 351.2	-88	-88	90	110	
2018/19-3	000NONPJ	matrix spike, rec	1/12/2019	Nutrient	TKN	n/a	=	104	%	EPA 351.2	-88	-88	90	110	
2018/19-3	000NONPJ	matrix spike, RPD	1/12/2019	Nutrient	TKN	n/a	=	2	%	EPA 351.2	-88	-88	0	10	
2018/19-3	000NONPJ	matrix spike, RPD	1/12/2019	Nutrient	TKN	n/a	=	1	%	EPA 351.2	-88	-88	0	10	
2018/19-3	Lab	LCS	1/11/2019	Nutrient	TKN	n/a	=	0.987	mg/L	EPA 351.2	0.05	0.1			
2018/19-3	Lab	LCS, rec	1/11/2019	Nutrient	TKN	n/a	=	99	%	EPA 351.2	-88	-88	90	110	
2018/19-3	Lab	method blank	1/11/2019	Nutrient	TKN	n/a	<	0.05	mg/L	EPA 351.2	0.05	0.1			
2018/19-3	Lab	LCS	1/12/2019	Nutrient	TKN	n/a	=	1.03	mg/L	EPA 351.2	0.05	0.1			
2018/19-3	Lab	LCS	1/12/2019	Nutrient	TKN	n/a	=	1.01	mg/L	EPA 351.2	0.05	0.1			
2018/19-3	Lab	LCS, rec	1/12/2019	Nutrient	TKN	n/a	=	103	%	EPA 351.2	-88	-88	90	110	
2018/19-3	Lab	LCS, rec	1/12/2019	Nutrient	TKN	n/a	=	101	%	EPA 351.2	-88	-88	90	110	
2018/19-3	Lab	method blank	1/12/2019	Nutrient	TKN	n/a	<	0.05	mg/L	EPA 351.2	0.05	0.1			
2018/19-3	Lab	method blank	1/12/2019	Nutrient	TKN	n/a	<	0.05	mg/L	EPA 351.2	0.05	0.1			
2018/19-3	Lab	method blank	1/29/2019	Organic	1,2,4-Trichlorobenzene	n/a	<	0.55	µg/L	EPA 625	0.55	1			
2018/19-3	Lab	LCS	1/29/2019	Organic	1,2,4-Trichlorobenzene	n/a	=	18.8	µg/L	EPA 625	0.55	1			
2018/19-3	Lab	LCS, rec	1/29/2019	Organic	1,2,4-Trichlorobenzene	n/a	=	75	%	EPA 625	-88	-88	44	142	
2018/19-3	Lab	LCS dup	1/29/2019	Organic	1,2,4-Trichlorobenzene	n/a	=	16.9	µg/L	EPA 625	0.55	1			
2018/19-3	Lab	LCS dup, rec	1/29/2019	Organic	1,2,4-Trichlorobenzene	n/a	=	68	%	EPA 625	-88	-88	44	142	
2018/19-3	Lab	LCS, RPD	1/29/2019	Organic	1,2,4-Trichlorobenzene	n/a	=	10	%	EPA 625	-88	-88	0	30	
2018/19-3	Lab	method blank	1/29/2019	Organic	1,2-Dichlorobenzene	n/a	<	0.57	µg/L	EPA 625	0.57	1			
2018/19-3	Lab	LCS	1/29/2019	Organic	1,2-Dichlorobenzene	n/a	=	17	µg/L	EPA 625	0.57	1			
2018/19-3	Lab	LCS, rec	1/29/2019	Organic	1,2-Dichlorobenzene	n/a	=	68	%	EPA 625	-88	-88	32	129	
2018/19-3	Lab	LCS dup	1/29/2019	Organic	1,2-Dichlorobenzene	n/a	=	16.6	µg/L	EPA 625	0.57	1			
2018/19-3	Lab	LCS dup, rec	1/29/2019	Organic	1,2-Dichlorobenzene	n/a	=	66	%	EPA 625	-88	-88	32	129	
2018/19-3	Lab	LCS, RPD	1/29/2019	Organic	1,2-Dichlorobenzene	n/a	=	3	%	EPA 625	-88	-88	0	30	
2018/19-3	Lab	srgt LCS	1/8/2019	Organic	1,2-Dichloroethane-d4	n/a	=	52.1	µg/L	EPA 624	-88	-88			
2018/19-3	Lab	srgt LCS, rec	1/8/2019	Organic	1,2-Dichloroethane-d4	n/a	=	104	%	EPA 624	-88	-88	82	125	
2018/19-3	Lab	srgt LCS dup	1/8/2019	Organic	1,2-Dichloroethane-d4	n/a	=	52.2	µg/L	EPA 624	-88	-88			
2018/19-3	Lab	srgt LCS dup, rec	1/8/2019	Organic	1,2-Dichloroethane-d4	n/a	=	104	%	EPA 624	-88	-88	82	125	
2018/19-3	Lab	srgt method blank	1/8/2019	Organic	1,2-Dichloroethane-d4	n/a	=	50.3	µg/L	EPA 624	-88	-88			
2018/19-3	Lab	srgt method blank, rec	1/8/2019	Organic	1,2-Dichloroethane-d4	n/a	=	101	%	EPA 624	-88	-88	82	125	
2018/19-3	ME-CC	srgt environ	1/8/2019	Organic	1,2-Dichloroethane-d4	n/a	=	49.7	µg/L	EPA 624	-88	-88			
2018/19-3	ME-CC	srgt environ, rec	1/8/2019	Organic	1,2-Dichloroethane-d4	n/a	=	99	%	EPA 624	-88	-88	82	125	
2018/19-3	ME-SCR	srgt environ	1/8/2019	Organic	1,2-Dichloroethane-d4	n/a	=	50.6	µg/L	EPA 624	-88	-88			
2018/19-3	ME-SCR	srgt environ, rec	1/8/2019	Organic	1,2-Dichloroethane-d4	n/a	=	101	%	EPA 624	-88	-88	82	125	
2018/19-3	ME-VR2	srgt environ	1/8/2019	Organic	1,2-Dichloroethane-d4	n/a	=	50.4	µg/L	EPA 624	-88	-88			
2018/19-3	ME-VR2	srgt environ, rec	1/8/2019	Organic	1,2-Dichloroethane-d4	n/a	=	101	%	EPA 624	-88	-88	82	125	
2018/19-3	MO-CAM	srgt environ	1/8/2019	Organic	1,2-Dichloroethane-d4	n/a	=	50.2	µg/L	EPA 624	-88	-88			
2018/19-3	MO-CAM	srgt environ, rec	1/8/2019	Organic	1,2-Dichloroethane-d4	n/a	=	100	%	EPA 624	-88	-88	82	125	
2018/19-3	MO-FIL	srgt environ	1/8/2019	Organic	1,2-Dichloroethane-d4	n/a	=	50.7	µg/L	EPA 624	-88	-88			
2018/19-3	MO-FIL	srgt environ, rec	1/8/2019	Organic	1,2-Dichloroethane-d4	n/a	=	101	%	EPA 624	-88	-88	82	125	
2018/19-3	MO-HUE	srgt environ	1/8/2019	Organic	1,2-Dichloroethane-d4	n/a	=	50	µg/L	EPA 624	-88	-88			
2018/19-3	MO-HUE	srgt environ, rec	1/8/2019	Organic	1,2-Dichloroethane-d4	n/a	=	100	%	EPA 624	-88	-88	82	125	
2018/19-3	MO-MEI	srgt environ	1/8/2019	Organic	1,2-Dichloroethane-d4	n/a	=	50.5	µg/L	EPA 624	-88	-88			
2018/19-3	MO-MEI	srgt environ, rec	1/8/2019	Organic	1,2-Dichloroethane-d4	n/a	=	101	%	EPA 624	-88	-88	82	125	
2018/19-3	MO-MPK	srgt environ	1/8/2019	Organic	1,2-Dichloroethane-d4	n/a	=	50	µg/L	EPA 624	-88	-88			
2018/19-3	MO-MPK	srgt environ, rec	1/8/2019	Organic	1,2-Dichloroethane-d4	n/a	=	100	%	EPA 624	-88	-88	82	125	

Appendix F
Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2018/19-3	MO-OJA	srgt environ	1/8/2019	Organic	1,2-Dichloroethane-d4	n/a	=	50	µg/L	EPA 624	-88	-88			
2018/19-3	MO-OJA	srgt environ, rec	1/8/2019	Organic	1,2-Dichloroethane-d4	n/a	=	100	%	EPA 624	-88	-88	82	125	
2018/19-3	MO-OJA	srgt environ	1/8/2019	Organic	1,2-Dichloroethane-d4	n/a	=	50.4	µg/L	EPA 624	-88	-88			
2018/19-3	MO-OJA	srgt environ, rec	1/8/2019	Organic	1,2-Dichloroethane-d4	n/a	=	101	%	EPA 624	-88	-88	82	125	
2018/19-3	MO-OXN	srgt environ	1/8/2019	Organic	1,2-Dichloroethane-d4	n/a	=	50.5	µg/L	EPA 624	-88	-88			
2018/19-3	MO-OXN	srgt environ, rec	1/8/2019	Organic	1,2-Dichloroethane-d4	n/a	=	101	%	EPA 624	-88	-88	82	125	
2018/19-3	MO-SIM	srgt environ	1/8/2019	Organic	1,2-Dichloroethane-d4	n/a	=	51.3	µg/L	EPA 624	-88	-88			
2018/19-3	MO-SIM	srgt environ, rec	1/8/2019	Organic	1,2-Dichloroethane-d4	n/a	=	103	%	EPA 624	-88	-88	82	125	
2018/19-3	MO-SPA	srgt environ	1/8/2019	Organic	1,2-Dichloroethane-d4	n/a	=	50.5	µg/L	EPA 624	-88	-88			
2018/19-3	MO-SPA	srgt environ, rec	1/8/2019	Organic	1,2-Dichloroethane-d4	n/a	=	101	%	EPA 624	-88	-88	82	125	
2018/19-3	MO-THO	srgt environ	1/8/2019	Organic	1,2-Dichloroethane-d4	n/a	=	39	µg/L	EPA 624	-88	-88			GN
2018/19-3	MO-THO	srgt environ, rec	1/8/2019	Organic	1,2-Dichloroethane-d4	n/a	=	78	%	EPA 624	-88	-88	82	125	GN
2018/19-3	MO-THO	srgt matrix spike	1/8/2019	Organic	1,2-Dichloroethane-d4	n/a	=	48.8	µg/L	EPA 624	-88	-88			
2018/19-3	MO-THO	srgt matrix spike, rec	1/8/2019	Organic	1,2-Dichloroethane-d4	n/a	=	98	%	EPA 624	-88	-88	82	125	
2018/19-3	MO-THO	srgt matrix spike dup	1/8/2019	Organic	1,2-Dichloroethane-d4	n/a	=	48.4	µg/L	EPA 624	-88	-88			
2018/19-3	MO-THO	srgt matrix spike dup, rec	1/8/2019	Organic	1,2-Dichloroethane-d4	n/a	=	97	%	EPA 624	-88	-88	82	125	
2018/19-3	MO-VEN	srgt environ	1/8/2019	Organic	1,2-Dichloroethane-d4	n/a	=	50.6	µg/L	EPA 624	-88	-88			
2018/19-3	MO-VEN	srgt environ, rec	1/8/2019	Organic	1,2-Dichloroethane-d4	n/a	=	101	%	EPA 624	-88	-88	82	125	
2018/19-3	Lab	method blank	1/29/2019	Organic	1,2-Diphenylhydrazine	n/a	<	0.25	µg/L	EPA 625	0.25	1			
2018/19-3	Lab	method blank	1/29/2019	Organic	1,3-Dichlorobenzene	n/a	<	0.53	µg/L	EPA 625	0.53	1			
2018/19-3	Lab	LCS	1/29/2019	Organic	1,3-Dichlorobenzene	n/a	=	16	µg/L	EPA 625	0.53	1			
2018/19-3	Lab	LCS, rec	1/29/2019	Organic	1,3-Dichlorobenzene	n/a	=	64	%	EPA 625	-88	-88	0.1	172	
2018/19-3	Lab	LCS dup	1/29/2019	Organic	1,3-Dichlorobenzene	n/a	=	15.8	µg/L	EPA 625	0.53	1			
2018/19-3	Lab	LCS dup, rec	1/29/2019	Organic	1,3-Dichlorobenzene	n/a	=	63	%	EPA 625	-88	-88	0.1	172	
2018/19-3	Lab	LCS, RPD	1/29/2019	Organic	1,3-Dichlorobenzene	n/a	=	0.8	%	EPA 625	-88	-88	0	30	
2018/19-3	Lab	srgt LCS	1/25/2019	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	0.487	µg/L	EPA 525.2m	-88	-88			
2018/19-3	Lab	srgt LCS, rec	1/25/2019	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	97	%	EPA 525.2m	-88	-88	76	128	
2018/19-3	Lab	srgt method blank	1/25/2019	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	0.494	µg/L	EPA 525.2m	-88	-88			
2018/19-3	Lab	srgt method blank, rec	1/25/2019	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	99	%	EPA 525.2m	-88	-88	76	128	
2018/19-3	Lab	srgt method blank	2/1/2019	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	4.75	µg/L	EPA 525.2	-88	-88			
2018/19-3	Lab	srgt method blank, rec	2/1/2019	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	95	%	EPA 525.2	-88	-88	70	130	
2018/19-3	Lab	srgt LCS	2/1/2019	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	4.89	µg/L	EPA 525.2	-88	-88			
2018/19-3	Lab	srgt LCS, rec	2/1/2019	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	98	%	EPA 525.2	-88	-88	70	130	
2018/19-3	Lab	srgt LCS dup	2/1/2019	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	4.65	µg/L	EPA 525.2	-88	-88			
2018/19-3	Lab	srgt LCS dup, rec	2/1/2019	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	93	%	EPA 525.2	-88	-88	70	130	
2018/19-3	ME-CC	srgt environ	1/25/2019	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	5.79	µg/L	EPA 525.2m	-88	-88			
2018/19-3	ME-CC	srgt environ, rec	1/25/2019	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	116	%	EPA 525.2m	-88	-88	76	128	
2018/19-3	ME-CC	srgt environ	2/1/2019	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	51.4	µg/L	EPA 525.2	-88	-88			
2018/19-3	ME-CC	srgt environ, rec	2/1/2019	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	103	%	EPA 525.2	-88	-88	70	130	
2018/19-3	ME-SCR	srgt environ	1/25/2019	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	5.22	µg/L	EPA 525.2m	-88	-88			
2018/19-3	ME-SCR	srgt environ, rec	1/25/2019	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	104	%	EPA 525.2m	-88	-88	76	128	
2018/19-3	ME-SCR	srgt environ	2/1/2019	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	25.1	µg/L	EPA 525.2	-88	-88			
2018/19-3	ME-SCR	srgt environ, rec	2/1/2019	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	100	%	EPA 525.2	-88	-88	70	130	
2018/19-3	ME-VR2	srgt matrix spike	1/25/2019	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	0.51	µg/L	EPA 525.2m	-88	-88			
2018/19-3	ME-VR2	srgt matrix spike, rec	1/25/2019	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	102	%	EPA 525.2m	-88	-88	76	128	
2018/19-3	ME-VR2	srgt matrix spike dup	1/25/2019	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	0.55	µg/L	EPA 525.2m	-88	-88			
2018/19-3	ME-VR2	srgt matrix spike dup, rec	1/25/2019	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	110	%	EPA 525.2m	-88	-88	76	128	

Appendix F
Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2018/19-3	ME-VR2	srgt environ	1/25/2019	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	0.593	µg/L	EPA 525.2m	-88	-88			
2018/19-3	ME-VR2	srgt environ, rec	1/25/2019	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	119	%	EPA 525.2m	-88	-88	76	128	
2018/19-3	ME-VR2	srgt environ	2/1/2019	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	4.94	µg/L	EPA 525.2	-88	-88			
2018/19-3	ME-VR2	srgt environ, rec	2/1/2019	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	99	%	EPA 525.2	-88	-88	70	130	
2018/19-3	MO-CAM	srgt environ	1/26/2019	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	5.24	µg/L	EPA 525.2m	-88	-88			
2018/19-3	MO-CAM	srgt environ, rec	1/26/2019	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	105	%	EPA 525.2m	-88	-88	76	128	
2018/19-3	MO-CAM	srgt environ	2/1/2019	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	25.6	µg/L	EPA 525.2	-88	-88			
2018/19-3	MO-CAM	srgt environ, rec	2/1/2019	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	102	%	EPA 525.2	-88	-88	70	130	
2018/19-3	MO-FIL	srgt environ	1/26/2019	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	5.22	µg/L	EPA 525.2m	-88	-88			
2018/19-3	MO-FIL	srgt environ, rec	1/26/2019	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	104	%	EPA 525.2m	-88	-88	76	128	
2018/19-3	MO-FIL	srgt environ	2/2/2019	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	26.4	µg/L	EPA 525.2	-88	-88			
2018/19-3	MO-FIL	srgt environ, rec	2/2/2019	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	106	%	EPA 525.2	-88	-88	70	130	
2018/19-3	MO-HUE	srgt environ	1/26/2019	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	5.34	µg/L	EPA 525.2m	-88	-88			
2018/19-3	MO-HUE	srgt environ, rec	1/26/2019	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	107	%	EPA 525.2m	-88	-88	76	128	
2018/19-3	MO-HUE	srgt environ	2/1/2019	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	15.3	µg/L	EPA 525.2	-88	-88			GN
2018/19-3	MO-HUE	srgt environ, rec	2/1/2019	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	61	%	EPA 525.2	-88	-88	70	130	GN
2018/19-3	MO-MEI	srgt environ	1/26/2019	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	5.21	µg/L	EPA 525.2m	-88	-88			
2018/19-3	MO-MEI	srgt environ, rec	1/26/2019	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	104	%	EPA 525.2m	-88	-88	76	128	
2018/19-3	MO-MEI	srgt environ	2/1/2019	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	23.8	µg/L	EPA 525.2	-88	-88			
2018/19-3	MO-MEI	srgt environ, rec	2/1/2019	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	95	%	EPA 525.2	-88	-88	70	130	
2018/19-3	MO-MPK	srgt environ	1/26/2019	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	5.16	µg/L	EPA 525.2m	-88	-88			
2018/19-3	MO-MPK	srgt environ, rec	1/26/2019	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	103	%	EPA 525.2m	-88	-88	76	128	
2018/19-3	MO-MPK	srgt environ	2/1/2019	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	29	µg/L	EPA 525.2	-88	-88			
2018/19-3	MO-MPK	srgt environ, rec	2/1/2019	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	116	%	EPA 525.2	-88	-88	70	130	
2018/19-3	MO-OJA	srgt environ	1/26/2019	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	5.23	µg/L	EPA 525.2m	-88	-88			
2018/19-3	MO-OJA	srgt environ, rec	1/26/2019	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	105	%	EPA 525.2m	-88	-88	76	128	
2018/19-3	MO-OJA	srgt environ	2/1/2019	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	24.1	µg/L	EPA 525.2	-88	-88			
2018/19-3	MO-OJA	srgt environ, rec	2/1/2019	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	96	%	EPA 525.2	-88	-88	70	130	
2018/19-3	MO-OXN	srgt environ	1/26/2019	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	5.38	µg/L	EPA 525.2m	-88	-88			
2018/19-3	MO-OXN	srgt environ, rec	1/26/2019	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	108	%	EPA 525.2m	-88	-88	76	128	
2018/19-3	MO-OXN	srgt environ	2/1/2019	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	28.1	µg/L	EPA 525.2	-88	-88			
2018/19-3	MO-OXN	srgt environ, rec	2/1/2019	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	112	%	EPA 525.2	-88	-88	70	130	
2018/19-3	MO-SIM	srgt environ	1/26/2019	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	5.18	µg/L	EPA 525.2m	-88	-88			
2018/19-3	MO-SIM	srgt environ, rec	1/26/2019	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	104	%	EPA 525.2m	-88	-88	76	128	
2018/19-3	MO-SIM	srgt environ	2/2/2019	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	26.9	µg/L	EPA 525.2	-88	-88			
2018/19-3	MO-SIM	srgt environ, rec	2/2/2019	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	107	%	EPA 525.2	-88	-88	70	130	
2018/19-3	MO-SPA	srgt environ	1/26/2019	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	5.35	µg/L	EPA 525.2m	-88	-88			
2018/19-3	MO-SPA	srgt environ, rec	1/26/2019	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	107	%	EPA 525.2m	-88	-88	76	128	
2018/19-3	MO-SPA	srgt environ	2/2/2019	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	25.1	µg/L	EPA 525.2	-88	-88			
2018/19-3	MO-SPA	srgt environ, rec	2/2/2019	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	100	%	EPA 525.2	-88	-88	70	130	
2018/19-3	MO-THO	srgt environ	1/26/2019	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	5.15	µg/L	EPA 525.2m	-88	-88			
2018/19-3	MO-THO	srgt environ, rec	1/26/2019	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	103	%	EPA 525.2m	-88	-88	76	128	
2018/19-3	MO-THO	srgt environ	2/1/2019	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	28.6	µg/L	EPA 525.2	-88	-88			
2018/19-3	MO-THO	srgt environ, rec	2/1/2019	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	114	%	EPA 525.2	-88	-88	70	130	
2018/19-3	MO-VEN	srgt environ	1/26/2019	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	5.18	µg/L	EPA 525.2m	-88	-88			
2018/19-3	MO-VEN	srgt environ, rec	1/26/2019	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	104	%	EPA 525.2m	-88	-88	76	128	
2018/19-3	MO-VEN	srgt environ	2/1/2019	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	25.8	µg/L	EPA 525.2	-88	-88			

Appendix F
Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2018/19-3	MO-VEN	srgt environ, rec	2/1/2019	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	103	%	EPA 525.2	-88	-88	70	130	
2018/19-3	Lab	method blank	1/29/2019	Organic	1,4-Dichlorobenzene	n/a	<	0.55	µg/L	EPA 625	0.55	1			
2018/19-3	Lab	LCS	1/29/2019	Organic	1,4-Dichlorobenzene	n/a	=	16.6	µg/L	EPA 625	0.55	1			
2018/19-3	Lab	LCS, rec	1/29/2019	Organic	1,4-Dichlorobenzene	n/a	=	66	%	EPA 625	-88	-88	20	124	
2018/19-3	Lab	LCS dup	1/29/2019	Organic	1,4-Dichlorobenzene	n/a	=	16.3	µg/L	EPA 625	0.55	1			
2018/19-3	Lab	LCS dup, rec	1/29/2019	Organic	1,4-Dichlorobenzene	n/a	=	65	%	EPA 625	-88	-88	20	124	
2018/19-3	Lab	LCS, RPD	1/29/2019	Organic	1,4-Dichlorobenzene	n/a	=	2	%	EPA 625	-88	-88	0	30	
2018/19-3	Lab	method blank	2/1/2019	Organic	1-Methylnaphthalene	n/a	<	0.1	µg/L	EPA 8270C	0.1	0.1			
2018/19-3	Lab	method blank	2/5/2019	Organic	2,4,5-Trichlorophenol	n/a	<	0.29	µg/L	EPA 8270C	0.29	1			
2018/19-3	Lab	srgt method blank	1/29/2019	Organic	2,4,6-Tribromophenol	n/a	=	30.8	µg/L	EPA 625	-88	-88			
2018/19-3	Lab	srgt method blank, rec	1/29/2019	Organic	2,4,6-Tribromophenol	n/a	=	62	%	EPA 625	-88	-88	25	102	
2018/19-3	Lab	srgt LCS	1/29/2019	Organic	2,4,6-Tribromophenol	n/a	=	42	µg/L	EPA 625	-88	-88			
2018/19-3	Lab	srgt LCS, rec	1/29/2019	Organic	2,4,6-Tribromophenol	n/a	=	84	%	EPA 625	-88	-88	25	102	
2018/19-3	Lab	srgt LCS dup	1/29/2019	Organic	2,4,6-Tribromophenol	n/a	=	37.8	µg/L	EPA 625	-88	-88			
2018/19-3	Lab	srgt LCS dup, rec	1/29/2019	Organic	2,4,6-Tribromophenol	n/a	=	76	%	EPA 625	-88	-88	25	102	
2018/19-3	Lab	srgt method blank	2/5/2019	Organic	2,4,6-Tribromophenol	n/a	=	6.12	µg/L	EPA 8270C	-88	-88			
2018/19-3	Lab	srgt method blank, rec	2/5/2019	Organic	2,4,6-Tribromophenol	n/a	=	61	%	EPA 8270C	-88	-88	26	117	
2018/19-3	Lab	srgt LCS	2/5/2019	Organic	2,4,6-Tribromophenol	n/a	=	9.31	µg/L	EPA 8270C	-88	-88			
2018/19-3	Lab	srgt LCS, rec	2/5/2019	Organic	2,4,6-Tribromophenol	n/a	=	93	%	EPA 8270C	-88	-88	26	117	
2018/19-3	Lab	srgt LCS dup	2/5/2019	Organic	2,4,6-Tribromophenol	n/a	=	9.57	µg/L	EPA 8270C	-88	-88			
2018/19-3	Lab	srgt LCS dup, rec	2/5/2019	Organic	2,4,6-Tribromophenol	n/a	=	96	%	EPA 8270C	-88	-88	26	117	
2018/19-3	ME-CC	srgt environ	1/30/2019	Organic	2,4,6-Tribromophenol	n/a	=	32.9	µg/L	EPA 625	-88	-88			
2018/19-3	ME-CC	srgt environ, rec	1/30/2019	Organic	2,4,6-Tribromophenol	n/a	=	66	%	EPA 625	-88	-88	25	102	
2018/19-3	ME-CC	srgt environ	2/5/2019	Organic	2,4,6-Tribromophenol	n/a	=	8.74	µg/L	EPA 8270C	-88	-88			
2018/19-3	ME-CC	srgt environ, rec	2/5/2019	Organic	2,4,6-Tribromophenol	n/a	=	87	%	EPA 8270C	-88	-88	26	117	
2018/19-3	ME-SCR	srgt environ	1/30/2019	Organic	2,4,6-Tribromophenol	n/a	=	41	µg/L	EPA 625	-88	-88			
2018/19-3	ME-SCR	srgt environ, rec	1/30/2019	Organic	2,4,6-Tribromophenol	n/a	=	82	%	EPA 625	-88	-88	25	102	
2018/19-3	ME-SCR	srgt environ	2/5/2019	Organic	2,4,6-Tribromophenol	n/a	=	9.29	µg/L	EPA 8270C	-88	-88			
2018/19-3	ME-SCR	srgt environ, rec	2/5/2019	Organic	2,4,6-Tribromophenol	n/a	=	93	%	EPA 8270C	-88	-88	26	117	
2018/19-3	ME-VR2	srgt environ	1/30/2019	Organic	2,4,6-Tribromophenol	n/a	=	36	µg/L	EPA 625	-88	-88			
2018/19-3	ME-VR2	srgt environ, rec	1/30/2019	Organic	2,4,6-Tribromophenol	n/a	=	72	%	EPA 625	-88	-88	25	102	
2018/19-3	ME-VR2	srgt environ	2/5/2019	Organic	2,4,6-Tribromophenol	n/a	=	8.92	µg/L	EPA 8270C	-88	-88			
2018/19-3	ME-VR2	srgt environ, rec	2/5/2019	Organic	2,4,6-Tribromophenol	n/a	=	89	%	EPA 8270C	-88	-88	26	117	
2018/19-3	MO-CAM	srgt environ	1/30/2019	Organic	2,4,6-Tribromophenol	n/a	=	38.7	µg/L	EPA 625	-88	-88			
2018/19-3	MO-CAM	srgt environ, rec	1/30/2019	Organic	2,4,6-Tribromophenol	n/a	=	77	%	EPA 625	-88	-88	25	102	
2018/19-3	MO-CAM	srgt environ	2/5/2019	Organic	2,4,6-Tribromophenol	n/a	=	7.04	µg/L	EPA 8270C	-88	-88			
2018/19-3	MO-CAM	srgt environ, rec	2/5/2019	Organic	2,4,6-Tribromophenol	n/a	=	70	%	EPA 8270C	-88	-88	26	117	
2018/19-3	MO-FIL	srgt environ	1/30/2019	Organic	2,4,6-Tribromophenol	n/a	=	34.6	µg/L	EPA 625	-88	-88			
2018/19-3	MO-FIL	srgt environ, rec	1/30/2019	Organic	2,4,6-Tribromophenol	n/a	=	69	%	EPA 625	-88	-88	25	102	
2018/19-3	MO-FIL	srgt environ	2/6/2019	Organic	2,4,6-Tribromophenol	n/a	=	8.11	µg/L	EPA 8270C	-88	-88			
2018/19-3	MO-FIL	srgt environ, rec	2/6/2019	Organic	2,4,6-Tribromophenol	n/a	=	81	%	EPA 8270C	-88	-88	26	117	
2018/19-3	MO-HUE	srgt environ	1/30/2019	Organic	2,4,6-Tribromophenol	n/a	=	35.3	µg/L	EPA 625	-88	-88			
2018/19-3	MO-HUE	srgt environ, rec	1/30/2019	Organic	2,4,6-Tribromophenol	n/a	=	71	%	EPA 625	-88	-88	25	102	
2018/19-3	MO-HUE	srgt environ	2/6/2019	Organic	2,4,6-Tribromophenol	n/a	=	8.02	µg/L	EPA 8270C	-88	-88			
2018/19-3	MO-HUE	srgt environ, rec	2/6/2019	Organic	2,4,6-Tribromophenol	n/a	=	80	%	EPA 8270C	-88	-88	26	117	
2018/19-3	MO-MEI	srgt environ	1/30/2019	Organic	2,4,6-Tribromophenol	n/a	=	23.1	µg/L	EPA 625	-88	-88			
2018/19-3	MO-MEI	srgt environ, rec	1/30/2019	Organic	2,4,6-Tribromophenol	n/a	=	46	%	EPA 625	-88	-88	25	102	

Appendix F
Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2018/19-3	MO-MEI	srgt environ	2/5/2019	Organic	2,4,6-Tribromophenol	n/a	=	7.74	µg/L	EPA 8270C	-88	-88			
2018/19-3	MO-MEI	srgt environ, rec	2/5/2019	Organic	2,4,6-Tribromophenol	n/a	=	77	%	EPA 8270C	-88	-88	26	117	
2018/19-3	MO-MPK	srgt environ	1/30/2019	Organic	2,4,6-Tribromophenol	n/a	=	37.6	µg/L	EPA 625	-88	-88			
2018/19-3	MO-MPK	srgt environ, rec	1/30/2019	Organic	2,4,6-Tribromophenol	n/a	=	75	%	EPA 625	-88	-88	25	102	
2018/19-3	MO-MPK	srgt environ	2/6/2019	Organic	2,4,6-Tribromophenol	n/a	=	6.87	µg/L	EPA 8270C	-88	-88			
2018/19-3	MO-MPK	srgt environ, rec	2/6/2019	Organic	2,4,6-Tribromophenol	n/a	=	69	%	EPA 8270C	-88	-88	26	117	
2018/19-3	MO-OJA	srgt environ	1/30/2019	Organic	2,4,6-Tribromophenol	n/a	=	39.4	µg/L	EPA 625	-88	-88			
2018/19-3	MO-OJA	srgt environ, rec	1/30/2019	Organic	2,4,6-Tribromophenol	n/a	=	79	%	EPA 625	-88	-88	25	102	
2018/19-3	MO-OJA	srgt environ	2/5/2019	Organic	2,4,6-Tribromophenol	n/a	=	9.03	µg/L	EPA 8270C	-88	-88			
2018/19-3	MO-OJA	srgt environ, rec	2/5/2019	Organic	2,4,6-Tribromophenol	n/a	=	90	%	EPA 8270C	-88	-88	26	117	
2018/19-3	MO-OXN	srgt environ	1/30/2019	Organic	2,4,6-Tribromophenol	n/a	=	41.1	µg/L	EPA 625	-88	-88			
2018/19-3	MO-OXN	srgt environ, rec	1/30/2019	Organic	2,4,6-Tribromophenol	n/a	=	82	%	EPA 625	-88	-88	25	102	
2018/19-3	MO-OXN	srgt environ	2/6/2019	Organic	2,4,6-Tribromophenol	n/a	=	7.92	µg/L	EPA 8270C	-88	-88			
2018/19-3	MO-OXN	srgt environ, rec	2/6/2019	Organic	2,4,6-Tribromophenol	n/a	=	79	%	EPA 8270C	-88	-88	26	117	
2018/19-3	MO-SIM	srgt environ	1/30/2019	Organic	2,4,6-Tribromophenol	n/a	=	35.5	µg/L	EPA 625	-88	-88			
2018/19-3	MO-SIM	srgt environ, rec	1/30/2019	Organic	2,4,6-Tribromophenol	n/a	=	71	%	EPA 625	-88	-88	25	102	
2018/19-3	MO-SIM	srgt environ	2/6/2019	Organic	2,4,6-Tribromophenol	n/a	=	8.56	µg/L	EPA 8270C	-88	-88			
2018/19-3	MO-SIM	srgt environ, rec	2/6/2019	Organic	2,4,6-Tribromophenol	n/a	=	86	%	EPA 8270C	-88	-88	26	117	
2018/19-3	MO-SPA	srgt environ	1/30/2019	Organic	2,4,6-Tribromophenol	n/a	=	39.3	µg/L	EPA 625	-88	-88			
2018/19-3	MO-SPA	srgt environ, rec	1/30/2019	Organic	2,4,6-Tribromophenol	n/a	=	79	%	EPA 625	-88	-88	25	102	
2018/19-3	MO-SPA	srgt environ	2/6/2019	Organic	2,4,6-Tribromophenol	n/a	=	7.04	µg/L	EPA 8270C	-88	-88			
2018/19-3	MO-SPA	srgt environ, rec	2/6/2019	Organic	2,4,6-Tribromophenol	n/a	=	70	%	EPA 8270C	-88	-88	26	117	
2018/19-3	MO-THO	srgt environ	1/30/2019	Organic	2,4,6-Tribromophenol	n/a	=	41.1	µg/L	EPA 625	-88	-88			
2018/19-3	MO-THO	srgt environ, rec	1/30/2019	Organic	2,4,6-Tribromophenol	n/a	=	82	%	EPA 625	-88	-88	25	102	
2018/19-3	MO-THO	srgt environ	2/6/2019	Organic	2,4,6-Tribromophenol	n/a	=	7.53	µg/L	EPA 8270C	-88	-88			
2018/19-3	MO-THO	srgt environ, rec	2/6/2019	Organic	2,4,6-Tribromophenol	n/a	=	75	%	EPA 8270C	-88	-88	26	117	
2018/19-3	MO-VEN	srgt environ	1/30/2019	Organic	2,4,6-Tribromophenol	n/a	=	42.1	µg/L	EPA 625	-88	-88			
2018/19-3	MO-VEN	srgt environ, rec	1/30/2019	Organic	2,4,6-Tribromophenol	n/a	=	84	%	EPA 625	-88	-88	25	102	
2018/19-3	MO-VEN	srgt environ	2/5/2019	Organic	2,4,6-Tribromophenol	n/a	=	8.01	µg/L	EPA 8270C	-88	-88			
2018/19-3	MO-VEN	srgt environ, rec	2/5/2019	Organic	2,4,6-Tribromophenol	n/a	=	80	%	EPA 8270C	-88	-88	26	117	
2018/19-3	Lab	method blank	1/29/2019	Organic	2,4,6-Trichlorophenol	n/a	<	0.22	µg/L	EPA 625	0.22	1			
2018/19-3	Lab	LCS	1/29/2019	Organic	2,4,6-Trichlorophenol	n/a	=	20.1	µg/L	EPA 625	0.22	1			
2018/19-3	Lab	LCS, rec	1/29/2019	Organic	2,4,6-Trichlorophenol	n/a	=	80	%	EPA 625	-88	-88	37	144	
2018/19-3	Lab	LCS dup	1/29/2019	Organic	2,4,6-Trichlorophenol	n/a	=	15.7	µg/L	EPA 625	0.22	1			
2018/19-3	Lab	LCS dup, rec	1/29/2019	Organic	2,4,6-Trichlorophenol	n/a	=	63	%	EPA 625	-88	-88	37	144	
2018/19-3	Lab	LCS, RPD	1/29/2019	Organic	2,4,6-Trichlorophenol	n/a	=	25	%	EPA 625	-88	-88	0	30	
2018/19-3	Lab	method blank	2/5/2019	Organic	2,4,6-Trichlorophenol	n/a	<	0.3	µg/L	EPA 8270C	0.3	1			
2018/19-3	Lab	LCS	2/5/2019	Organic	2,4,6-Trichlorophenol	n/a	=	7.64	µg/L	EPA 8270C	0.3	1			
2018/19-3	Lab	LCS, rec	2/5/2019	Organic	2,4,6-Trichlorophenol	n/a	=	76	%	EPA 8270C	-88	-88	30	115	
2018/19-3	Lab	LCS dup	2/5/2019	Organic	2,4,6-Trichlorophenol	n/a	=	7.33	µg/L	EPA 8270C	0.3	1			
2018/19-3	Lab	LCS dup, rec	2/5/2019	Organic	2,4,6-Trichlorophenol	n/a	=	73	%	EPA 8270C	-88	-88	30	115	
2018/19-3	Lab	LCS, RPD	2/5/2019	Organic	2,4,6-Trichlorophenol	n/a	=	4	%	EPA 8270C	-88	-88	0	30	
2018/19-3	Lab	method blank	1/29/2019	Organic	2,4-Dichlorophenol	n/a	<	0.26	µg/L	EPA 625	0.26	1			
2018/19-3	Lab	LCS	1/29/2019	Organic	2,4-Dichlorophenol	n/a	=	22.1	µg/L	EPA 625	0.26	1			
2018/19-3	Lab	LCS, rec	1/29/2019	Organic	2,4-Dichlorophenol	n/a	=	88	%	EPA 625	-88	-88	39	135	
2018/19-3	Lab	LCS dup	1/29/2019	Organic	2,4-Dichlorophenol	n/a	=	17.4	µg/L	EPA 625	0.26	1			
2018/19-3	Lab	LCS dup, rec	1/29/2019	Organic	2,4-Dichlorophenol	n/a	=	70	%	EPA 625	-88	-88	39	135	

Appendix F
Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2018/19-3	Lab	LCS, RPD	1/29/2019	Organic	2,4-Dichlorophenol	n/a	=	24	%	EPA 625	-88	-88	0	30	
2018/19-3	Lab	method blank	2/5/2019	Organic	2,4-Dichlorophenol	n/a	<	0.51	µg/L	EPA 8270C	0.51	1			
2018/19-3	Lab	LCS	2/5/2019	Organic	2,4-Dichlorophenol	n/a	=	8.26	µg/L	EPA 8270C	0.51	1			
2018/19-3	Lab	LCS, rec	2/5/2019	Organic	2,4-Dichlorophenol	n/a	=	83	%	EPA 8270C	-88	-88	32	105	
2018/19-3	Lab	LCS dup	2/5/2019	Organic	2,4-Dichlorophenol	n/a	=	7.76	µg/L	EPA 8270C	0.51	1			
2018/19-3	Lab	LCS dup, rec	2/5/2019	Organic	2,4-Dichlorophenol	n/a	=	78	%	EPA 8270C	-88	-88	32	105	
2018/19-3	Lab	LCS, RPD	2/5/2019	Organic	2,4-Dichlorophenol	n/a	=	6	%	EPA 8270C	-88	-88	0	30	
2018/19-3	000NONPJ	srqt matrix spike	1/15/2019	Organic	2,4-Dichlorophenylacetic acid	n/a	=	11.6	µg/L	EPA 515.3	-88	-88			
2018/19-3	000NONPJ	srqt matrix spike, rec	1/15/2019	Organic	2,4-Dichlorophenylacetic acid	n/a	=	116	%	EPA 515.3	-88	-88	70	130	
2018/19-3	000NONPJ	srqt matrix spike dup	1/15/2019	Organic	2,4-Dichlorophenylacetic acid	n/a	=	11.6	µg/L	EPA 515.3	-88	-88			
2018/19-3	000NONPJ	srqt matrix spike dup, rec	1/15/2019	Organic	2,4-Dichlorophenylacetic acid	n/a	=	116	%	EPA 515.3	-88	-88	70	130	
2018/19-3	000NONPJ	srqt matrix spike	1/15/2019	Organic	2,4-Dichlorophenylacetic acid	n/a	=	11.5	µg/L	EPA 515.3	-88	-88			
2018/19-3	000NONPJ	srqt matrix spike, rec	1/15/2019	Organic	2,4-Dichlorophenylacetic acid	n/a	=	115	%	EPA 515.3	-88	-88	70	130	
2018/19-3	000NONPJ	srqt matrix spike dup	1/15/2019	Organic	2,4-Dichlorophenylacetic acid	n/a	=	12	µg/L	EPA 515.3	-88	-88			
2018/19-3	000NONPJ	srqt matrix spike dup, rec	1/15/2019	Organic	2,4-Dichlorophenylacetic acid	n/a	=	120	%	EPA 515.3	-88	-88	70	130	
2018/19-3	Lab	srqt method blank	1/15/2019	Organic	2,4-Dichlorophenylacetic acid	n/a	=	10.8	µg/L	EPA 515.3	-88	-88			
2018/19-3	Lab	srqt method blank, rec	1/15/2019	Organic	2,4-Dichlorophenylacetic acid	n/a	=	108	%	EPA 515.3	-88	-88	70	130	
2018/19-3	Lab	srqt LCS	1/15/2019	Organic	2,4-Dichlorophenylacetic acid	n/a	=	11.3	µg/L	EPA 515.3	-88	-88			
2018/19-3	Lab	srqt LCS, rec	1/15/2019	Organic	2,4-Dichlorophenylacetic acid	n/a	=	113	%	EPA 515.3	-88	-88	70	130	
2018/19-3	ME-CC	srqt environ	1/16/2019	Organic	2,4-Dichlorophenylacetic acid	n/a	=	11.4	µg/L	EPA 515.3	-88	-88			
2018/19-3	ME-CC	srqt environ, rec	1/16/2019	Organic	2,4-Dichlorophenylacetic acid	n/a	=	114	%	EPA 515.3	-88	-88	70	130	
2018/19-3	ME-SCR	srqt environ	1/16/2019	Organic	2,4-Dichlorophenylacetic acid	n/a	=	11.4	µg/L	EPA 515.3	-88	-88			
2018/19-3	ME-SCR	srqt environ, rec	1/16/2019	Organic	2,4-Dichlorophenylacetic acid	n/a	=	114	%	EPA 515.3	-88	-88	70	130	
2018/19-3	ME-VR2	srqt environ	1/16/2019	Organic	2,4-Dichlorophenylacetic acid	n/a	=	11.2	µg/L	EPA 515.3	-88	-88			
2018/19-3	ME-VR2	srqt environ, rec	1/16/2019	Organic	2,4-Dichlorophenylacetic acid	n/a	=	112	%	EPA 515.3	-88	-88	70	130	
2018/19-3	MO-CAM	srqt environ	1/16/2019	Organic	2,4-Dichlorophenylacetic acid	n/a	=	10.5	µg/L	EPA 515.3	-88	-88			
2018/19-3	MO-CAM	srqt environ, rec	1/16/2019	Organic	2,4-Dichlorophenylacetic acid	n/a	=	105	%	EPA 515.3	-88	-88	70	130	
2018/19-3	MO-FIL	srqt environ	1/16/2019	Organic	2,4-Dichlorophenylacetic acid	n/a	=	10.7	µg/L	EPA 515.3	-88	-88			
2018/19-3	MO-FIL	srqt environ, rec	1/16/2019	Organic	2,4-Dichlorophenylacetic acid	n/a	=	107	%	EPA 515.3	-88	-88	70	130	
2018/19-3	MO-HUE	srqt environ	1/16/2019	Organic	2,4-Dichlorophenylacetic acid	n/a	=	11.4	µg/L	EPA 515.3	-88	-88			
2018/19-3	MO-HUE	srqt environ, rec	1/16/2019	Organic	2,4-Dichlorophenylacetic acid	n/a	=	114	%	EPA 515.3	-88	-88	70	130	
2018/19-3	MO-MEI	srqt environ	1/16/2019	Organic	2,4-Dichlorophenylacetic acid	n/a	=	10.8	µg/L	EPA 515.3	-88	-88			
2018/19-3	MO-MEI	srqt environ, rec	1/16/2019	Organic	2,4-Dichlorophenylacetic acid	n/a	=	108	%	EPA 515.3	-88	-88	70	130	
2018/19-3	MO-MPK	srqt environ	1/16/2019	Organic	2,4-Dichlorophenylacetic acid	n/a	=	11.3	µg/L	EPA 515.3	-88	-88			
2018/19-3	MO-MPK	srqt environ, rec	1/16/2019	Organic	2,4-Dichlorophenylacetic acid	n/a	=	113	%	EPA 515.3	-88	-88	70	130	
2018/19-3	MO-OJA	srqt environ	1/16/2019	Organic	2,4-Dichlorophenylacetic acid	n/a	=	10.4	µg/L	EPA 515.3	-88	-88			
2018/19-3	MO-OJA	srqt environ, rec	1/16/2019	Organic	2,4-Dichlorophenylacetic acid	n/a	=	104	%	EPA 515.3	-88	-88	70	130	
2018/19-3	MO-OXN	srqt environ	1/16/2019	Organic	2,4-Dichlorophenylacetic acid	n/a	=	11.6	µg/L	EPA 515.3	-88	-88			
2018/19-3	MO-OXN	srqt environ, rec	1/16/2019	Organic	2,4-Dichlorophenylacetic acid	n/a	=	116	%	EPA 515.3	-88	-88	70	130	
2018/19-3	MO-SIM	srqt environ	1/16/2019	Organic	2,4-Dichlorophenylacetic acid	n/a	=	11	µg/L	EPA 515.3	-88	-88			
2018/19-3	MO-SIM	srqt environ, rec	1/16/2019	Organic	2,4-Dichlorophenylacetic acid	n/a	=	110	%	EPA 515.3	-88	-88	70	130	
2018/19-3	MO-SPA	srqt environ	1/16/2019	Organic	2,4-Dichlorophenylacetic acid	n/a	=	10.6	µg/L	EPA 515.3	-88	-88			
2018/19-3	MO-SPA	srqt environ, rec	1/16/2019	Organic	2,4-Dichlorophenylacetic acid	n/a	=	106	%	EPA 515.3	-88	-88	70	130	
2018/19-3	MO-THO	srqt environ	1/16/2019	Organic	2,4-Dichlorophenylacetic acid	n/a	=	10.7	µg/L	EPA 515.3	-88	-88			
2018/19-3	MO-THO	srqt environ, rec	1/16/2019	Organic	2,4-Dichlorophenylacetic acid	n/a	=	107	%	EPA 515.3	-88	-88	70	130	
2018/19-3	MO-VEN	srqt environ	1/16/2019	Organic	2,4-Dichlorophenylacetic acid	n/a	=	10.6	µg/L	EPA 515.3	-88	-88			
2018/19-3	MO-VEN	srqt environ, rec	1/16/2019	Organic	2,4-Dichlorophenylacetic acid	n/a	=	106	%	EPA 515.3	-88	-88	70	130	

Appendix F
Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2018/19-3	Lab	method blank	1/29/2019	Organic	2,4-Dimethylphenol	n/a	<	0.3	µg/L	EPA 625	0.3	1			
2018/19-3	Lab	LCS	1/29/2019	Organic	2,4-Dimethylphenol	n/a	=	18.2	µg/L	EPA 625	0.3	1			
2018/19-3	Lab	LCS, rec	1/29/2019	Organic	2,4-Dimethylphenol	n/a	=	73	%	EPA 625	-88	-88	32	119	
2018/19-3	Lab	LCS dup	1/29/2019	Organic	2,4-Dimethylphenol	n/a	=	16.2	µg/L	EPA 625	0.3	1			
2018/19-3	Lab	LCS dup, rec	1/29/2019	Organic	2,4-Dimethylphenol	n/a	=	65	%	EPA 625	-88	-88	32	119	
2018/19-3	Lab	LCS, RPD	1/29/2019	Organic	2,4-Dimethylphenol	n/a	=	12	%	EPA 625	-88	-88	0	30	
2018/19-3	Lab	method blank	2/5/2019	Organic	2,4-Dimethylphenol	n/a	<	1	µg/L	EPA 8270C	1	2			
2018/19-3	Lab	LCS	2/5/2019	Organic	2,4-Dimethylphenol	n/a	=	7.94	µg/L	EPA 8270C	1	2			
2018/19-3	Lab	LCS, rec	2/5/2019	Organic	2,4-Dimethylphenol	n/a	=	79	%	EPA 8270C	-88	-88	31	97	
2018/19-3	Lab	LCS dup	2/5/2019	Organic	2,4-Dimethylphenol	n/a	=	6.69	µg/L	EPA 8270C	1	2			
2018/19-3	Lab	LCS dup, rec	2/5/2019	Organic	2,4-Dimethylphenol	n/a	=	67	%	EPA 8270C	-88	-88	31	97	
2018/19-3	Lab	LCS, RPD	2/5/2019	Organic	2,4-Dimethylphenol	n/a	=	17	%	EPA 8270C	-88	-88	0	30	
2018/19-3	Lab	method blank	1/29/2019	Organic	2,4-Dinitrophenol	n/a	<	1.6	µg/L	EPA 625	1.6	10			
2018/19-3	Lab	LCS	1/29/2019	Organic	2,4-Dinitrophenol	n/a	=	31.1	µg/L	EPA 625	1.6	10			
2018/19-3	Lab	LCS, rec	1/29/2019	Organic	2,4-Dinitrophenol	n/a	=	124	%	EPA 625	-88	-88	0.1	191	
2018/19-3	Lab	LCS dup	1/29/2019	Organic	2,4-Dinitrophenol	n/a	=	30.4	µg/L	EPA 625	1.6	10			
2018/19-3	Lab	LCS dup, rec	1/29/2019	Organic	2,4-Dinitrophenol	n/a	=	122	%	EPA 625	-88	-88	0.1	191	
2018/19-3	Lab	LCS, RPD	1/29/2019	Organic	2,4-Dinitrophenol	n/a	=	2	%	EPA 625	-88	-88	0	30	
2018/19-3	Lab	method blank	2/5/2019	Organic	2,4-Dinitrophenol	n/a	<	1	µg/L	EPA 8270C	1	2			
2018/19-3	Lab	LCS	2/5/2019	Organic	2,4-Dinitrophenol	n/a	=	12.1	µg/L	EPA 8270C	1	2			
2018/19-3	Lab	LCS, rec	2/5/2019	Organic	2,4-Dinitrophenol	n/a	=	121	%	EPA 8270C	-88	-88	7	155	
2018/19-3	Lab	LCS dup	2/5/2019	Organic	2,4-Dinitrophenol	n/a	=	12.6	µg/L	EPA 8270C	1	2			
2018/19-3	Lab	LCS dup, rec	2/5/2019	Organic	2,4-Dinitrophenol	n/a	=	126	%	EPA 8270C	-88	-88	7	155	
2018/19-3	Lab	LCS, RPD	2/5/2019	Organic	2,4-Dinitrophenol	n/a	=	4	%	EPA 8270C	-88	-88	0	30	
2018/19-3	Lab	method blank	1/29/2019	Organic	2,4-Dinitrotoluene	n/a	<	0.18	µg/L	EPA 625	0.18	1			
2018/19-3	Lab	LCS	1/29/2019	Organic	2,4-Dinitrotoluene	n/a	=	22.4	µg/L	EPA 625	0.18	1			
2018/19-3	Lab	LCS, rec	1/29/2019	Organic	2,4-Dinitrotoluene	n/a	=	90	%	EPA 625	-88	-88	39	139	
2018/19-3	Lab	LCS dup	1/29/2019	Organic	2,4-Dinitrotoluene	n/a	=	21.1	µg/L	EPA 625	0.18	1			
2018/19-3	Lab	LCS dup, rec	1/29/2019	Organic	2,4-Dinitrotoluene	n/a	=	85	%	EPA 625	-88	-88	39	139	
2018/19-3	Lab	LCS, RPD	1/29/2019	Organic	2,4-Dinitrotoluene	n/a	=	6	%	EPA 625	-88	-88	0	30	
2018/19-3	Lab	method blank	1/29/2019	Organic	2,6-Dinitrotoluene	n/a	<	0.27	µg/L	EPA 625	0.27	1			
2018/19-3	Lab	LCS	1/29/2019	Organic	2,6-Dinitrotoluene	n/a	=	21.5	µg/L	EPA 625	0.27	1			
2018/19-3	Lab	LCS, rec	1/29/2019	Organic	2,6-Dinitrotoluene	n/a	=	86	%	EPA 625	-88	-88	50	158	
2018/19-3	Lab	LCS dup	1/29/2019	Organic	2,6-Dinitrotoluene	n/a	=	18.5	µg/L	EPA 625	0.27	1			
2018/19-3	Lab	LCS dup, rec	1/29/2019	Organic	2,6-Dinitrotoluene	n/a	=	74	%	EPA 625	-88	-88	50	158	
2018/19-3	Lab	LCS, RPD	1/29/2019	Organic	2,6-Dinitrotoluene	n/a	=	15	%	EPA 625	-88	-88	0	30	
2018/19-3	Lab	LCS	1/8/2019	Organic	2-Chloroethyl vinyl ether	n/a	=	53.6	µg/L	EPA 624	0.28	1			
2018/19-3	Lab	LCS, rec	1/8/2019	Organic	2-Chloroethyl vinyl ether	n/a	=	107	%	EPA 624	-88	-88	0.1	305	
2018/19-3	Lab	LCS dup	1/8/2019	Organic	2-Chloroethyl vinyl ether	n/a	=	54.2	µg/L	EPA 624	0.28	1			
2018/19-3	Lab	LCS dup, rec	1/8/2019	Organic	2-Chloroethyl vinyl ether	n/a	=	108	%	EPA 624	-88	-88	0.1	305	
2018/19-3	Lab	LCS, RPD	1/8/2019	Organic	2-Chloroethyl vinyl ether	n/a	=	1	%	EPA 624	-88	-88	0	25	
2018/19-3	Lab	method blank	1/8/2019	Organic	2-Chloroethyl vinyl ether	n/a	<	0.28	µg/L	EPA 624	0.28	1			
2018/19-3	MO-OJA	field duplicate	1/8/2019	Organic	2-Chloroethyl vinyl ether	n/a	<	0.28	µg/L	EPA 624	0.28	1			
2018/19-3	MO-THO	matrix spike	1/8/2019	Organic	2-Chloroethyl vinyl ether	n/a	=	50.2	µg/L	EPA 624	0.28	1			
2018/19-3	MO-THO	matrix spike, rec	1/8/2019	Organic	2-Chloroethyl vinyl ether	n/a	=	100	%	EPA 624	-88	-88	0.1	305	
2018/19-3	MO-THO	matrix spike dup	1/8/2019	Organic	2-Chloroethyl vinyl ether	n/a	=	48.6	µg/L	EPA 624	0.28	1			
2018/19-3	MO-THO	matrix spike dup, rec	1/8/2019	Organic	2-Chloroethyl vinyl ether	n/a	=	97	%	EPA 624	-88	-88	0.1	305	

Appendix F
Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2018/19-3	MO-THO	matrix spike, RPD	1/8/2019	Organic	2-Chloroethyl vinyl ether	n/a	=	3	%	EPA 624	-88	-88	0	25	
2018/19-3	Lab	method blank	1/29/2019	Organic	2-Chloronaphthalene	n/a	<	0.45	µg/L	EPA 625	0.45	1			
2018/19-3	Lab	LCS	1/29/2019	Organic	2-Chloronaphthalene	n/a	=	19.5	µg/L	EPA 625	0.45	1			
2018/19-3	Lab	LCS, rec	1/29/2019	Organic	2-Chloronaphthalene	n/a	=	78	%	EPA 625	-88	-88	60	118	
2018/19-3	Lab	LCS dup	1/29/2019	Organic	2-Chloronaphthalene	n/a	=	15.9	µg/L	EPA 625	0.45	1			
2018/19-3	Lab	LCS dup, rec	1/29/2019	Organic	2-Chloronaphthalene	n/a	=	64	%	EPA 625	-88	-88	60	118	
2018/19-3	Lab	LCS, RPD	1/29/2019	Organic	2-Chloronaphthalene	n/a	=	20	%	EPA 625	-88	-88	0	30	
2018/19-3	Lab	method blank	1/29/2019	Organic	2-Chlorophenol	n/a	<	0.28	µg/L	EPA 625	0.28	1			
2018/19-3	Lab	LCS	1/29/2019	Organic	2-Chlorophenol	n/a	=	18.5	µg/L	EPA 625	0.28	1			
2018/19-3	Lab	LCS, rec	1/29/2019	Organic	2-Chlorophenol	n/a	=	74	%	EPA 625	-88	-88	23	134	
2018/19-3	Lab	LCS dup	1/29/2019	Organic	2-Chlorophenol	n/a	=	16.3	µg/L	EPA 625	0.28	1			
2018/19-3	Lab	LCS dup, rec	1/29/2019	Organic	2-Chlorophenol	n/a	=	65	%	EPA 625	-88	-88	23	134	
2018/19-3	Lab	LCS, RPD	1/29/2019	Organic	2-Chlorophenol	n/a	=	13	%	EPA 625	-88	-88	0	30	
2018/19-3	Lab	method blank	2/5/2019	Organic	2-Chlorophenol	n/a	<	0.65	µg/L	EPA 8270C	0.65	1			
2018/19-3	Lab	LCS	2/5/2019	Organic	2-Chlorophenol	n/a	=	8.24	µg/L	EPA 8270C	0.65	1			
2018/19-3	Lab	LCS, rec	2/5/2019	Organic	2-Chlorophenol	n/a	=	82	%	EPA 8270C	-88	-88	27	90	
2018/19-3	Lab	LCS dup	2/5/2019	Organic	2-Chlorophenol	n/a	=	7.81	µg/L	EPA 8270C	0.65	1			
2018/19-3	Lab	LCS dup, rec	2/5/2019	Organic	2-Chlorophenol	n/a	=	78	%	EPA 8270C	-88	-88	27	90	
2018/19-3	Lab	LCS, RPD	2/5/2019	Organic	2-Chlorophenol	n/a	=	5	%	EPA 8270C	-88	-88	0	30	
2018/19-3	Lab	srgt method blank	1/29/2019	Organic	2-Fluorobiphenyl	n/a	=	15.3	µg/L	EPA 625	-88	-88			
2018/19-3	Lab	srgt method blank, rec	1/29/2019	Organic	2-Fluorobiphenyl	n/a	=	61	%	EPA 625	-88	-88	22	107	
2018/19-3	Lab	srgt LCS	1/29/2019	Organic	2-Fluorobiphenyl	n/a	=	19.1	µg/L	EPA 625	-88	-88			
2018/19-3	Lab	srgt LCS, rec	1/29/2019	Organic	2-Fluorobiphenyl	n/a	=	77	%	EPA 625	-88	-88	22	107	
2018/19-3	Lab	srgt LCS dup	1/29/2019	Organic	2-Fluorobiphenyl	n/a	=	14.9	µg/L	EPA 625	-88	-88			
2018/19-3	Lab	srgt LCS dup, rec	1/29/2019	Organic	2-Fluorobiphenyl	n/a	=	60	%	EPA 625	-88	-88	22	107	
2018/19-3	Lab	srgt method blank	2/1/2019	Organic	2-Fluorobiphenyl	n/a	=	2.71	µg/L	EPA 8270C	-88	-88			
2018/19-3	Lab	srgt method blank, rec	2/1/2019	Organic	2-Fluorobiphenyl	n/a	=	54	%	EPA 8270C	-88	-88	51	139	
2018/19-3	Lab	srgt LCS	2/1/2019	Organic	2-Fluorobiphenyl	n/a	=	3.64	µg/L	EPA 8270C	-88	-88			
2018/19-3	Lab	srgt LCS, rec	2/1/2019	Organic	2-Fluorobiphenyl	n/a	=	73	%	EPA 8270C	-88	-88	51	139	
2018/19-3	Lab	srgt LCS dup	2/1/2019	Organic	2-Fluorobiphenyl	n/a	=	3.69	µg/L	EPA 8270C	-88	-88			
2018/19-3	Lab	srgt LCS dup, rec	2/1/2019	Organic	2-Fluorobiphenyl	n/a	=	74	%	EPA 8270C	-88	-88	51	139	
2018/19-3	ME-CC	srgt environ	1/30/2019	Organic	2-Fluorobiphenyl	n/a	=	12.4	µg/L	EPA 625	-88	-88			
2018/19-3	ME-CC	srgt environ, rec	1/30/2019	Organic	2-Fluorobiphenyl	n/a	=	49	%	EPA 625	-88	-88	22	107	
2018/19-3	ME-CC	srgt environ	2/1/2019	Organic	2-Fluorobiphenyl	n/a	=	3.26	µg/L	EPA 8270C	-88	-88			
2018/19-3	ME-CC	srgt environ, rec	2/1/2019	Organic	2-Fluorobiphenyl	n/a	=	65	%	EPA 8270C	-88	-88	51	139	
2018/19-3	ME-SCR	srgt environ	1/30/2019	Organic	2-Fluorobiphenyl	n/a	=	17.3	µg/L	EPA 625	-88	-88			
2018/19-3	ME-SCR	srgt environ, rec	1/30/2019	Organic	2-Fluorobiphenyl	n/a	=	69	%	EPA 625	-88	-88	22	107	
2018/19-3	ME-SCR	srgt environ	2/1/2019	Organic	2-Fluorobiphenyl	n/a	=	3.39	µg/L	EPA 8270C	-88	-88			
2018/19-3	ME-SCR	srgt environ, rec	2/1/2019	Organic	2-Fluorobiphenyl	n/a	=	68	%	EPA 8270C	-88	-88	51	139	
2018/19-3	ME-VR2	srgt environ	1/30/2019	Organic	2-Fluorobiphenyl	n/a	=	14.3	µg/L	EPA 625	-88	-88			
2018/19-3	ME-VR2	srgt environ, rec	1/30/2019	Organic	2-Fluorobiphenyl	n/a	=	57	%	EPA 625	-88	-88	22	107	
2018/19-3	ME-VR2	srgt environ	2/1/2019	Organic	2-Fluorobiphenyl	n/a	=	3.53	µg/L	EPA 8270C	-88	-88			
2018/19-3	ME-VR2	srgt environ, rec	2/1/2019	Organic	2-Fluorobiphenyl	n/a	=	71	%	EPA 8270C	-88	-88	51	139	
2018/19-3	MO-CAM	srgt environ	1/30/2019	Organic	2-Fluorobiphenyl	n/a	=	16.2	µg/L	EPA 625	-88	-88			
2018/19-3	MO-CAM	srgt environ, rec	1/30/2019	Organic	2-Fluorobiphenyl	n/a	=	65	%	EPA 625	-88	-88	22	107	
2018/19-3	MO-CAM	srgt environ	2/1/2019	Organic	2-Fluorobiphenyl	n/a	=	3.26	µg/L	EPA 8270C	-88	-88			
2018/19-3	MO-CAM	srgt environ, rec	2/1/2019	Organic	2-Fluorobiphenyl	n/a	=	65	%	EPA 8270C	-88	-88	51	139	

Appendix F
Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2018/19-3	MO-FIL	srgt environ	1/30/2019	Organic	2-Fluorobiphenyl	n/a	=	16.7	µg/L	EPA 625	-88	-88			
2018/19-3	MO-FIL	srgt environ, rec	1/30/2019	Organic	2-Fluorobiphenyl	n/a	=	67	%	EPA 625	-88	-88	22	107	
2018/19-3	MO-FIL	srgt environ	2/2/2019	Organic	2-Fluorobiphenyl	n/a	=	3.25	µg/L	EPA 8270C	-88	-88			
2018/19-3	MO-FIL	srgt environ, rec	2/2/2019	Organic	2-Fluorobiphenyl	n/a	=	65	%	EPA 8270C	-88	-88	51	139	
2018/19-3	MO-HUE	srgt environ	1/30/2019	Organic	2-Fluorobiphenyl	n/a	=	14.3	µg/L	EPA 625	-88	-88			
2018/19-3	MO-HUE	srgt environ, rec	1/30/2019	Organic	2-Fluorobiphenyl	n/a	=	57	%	EPA 625	-88	-88	22	107	
2018/19-3	MO-HUE	srgt environ	2/2/2019	Organic	2-Fluorobiphenyl	n/a	=	3.31	µg/L	EPA 8270C	-88	-88			
2018/19-3	MO-HUE	srgt environ, rec	2/2/2019	Organic	2-Fluorobiphenyl	n/a	=	66	%	EPA 8270C	-88	-88	51	139	
2018/19-3	MO-MEI	srgt environ	1/30/2019	Organic	2-Fluorobiphenyl	n/a	=	12	µg/L	EPA 625	-88	-88			
2018/19-3	MO-MEI	srgt environ, rec	1/30/2019	Organic	2-Fluorobiphenyl	n/a	=	48	%	EPA 625	-88	-88	22	107	
2018/19-3	MO-MEI	srgt environ	2/1/2019	Organic	2-Fluorobiphenyl	n/a	=	3.01	µg/L	EPA 8270C	-88	-88			
2018/19-3	MO-MEI	srgt environ, rec	2/1/2019	Organic	2-Fluorobiphenyl	n/a	=	60	%	EPA 8270C	-88	-88	51	139	
2018/19-3	MO-MPK	srgt environ	1/30/2019	Organic	2-Fluorobiphenyl	n/a	=	15.4	µg/L	EPA 625	-88	-88			
2018/19-3	MO-MPK	srgt environ, rec	1/30/2019	Organic	2-Fluorobiphenyl	n/a	=	62	%	EPA 625	-88	-88	22	107	
2018/19-3	MO-MPK	srgt environ	2/2/2019	Organic	2-Fluorobiphenyl	n/a	=	2.57	µg/L	EPA 8270C	-88	-88			
2018/19-3	MO-MPK	srgt environ, rec	2/2/2019	Organic	2-Fluorobiphenyl	n/a	=	51	%	EPA 8270C	-88	-88	51	139	
2018/19-3	MO-OJA	srgt environ	1/30/2019	Organic	2-Fluorobiphenyl	n/a	=	14.4	µg/L	EPA 625	-88	-88			
2018/19-3	MO-OJA	srgt environ, rec	1/30/2019	Organic	2-Fluorobiphenyl	n/a	=	57	%	EPA 625	-88	-88	22	107	
2018/19-3	MO-OJA	srgt environ	2/1/2019	Organic	2-Fluorobiphenyl	n/a	=	3.38	µg/L	EPA 8270C	-88	-88			
2018/19-3	MO-OJA	srgt environ, rec	2/1/2019	Organic	2-Fluorobiphenyl	n/a	=	68	%	EPA 8270C	-88	-88	51	139	
2018/19-3	MO-OXN	srgt environ	1/30/2019	Organic	2-Fluorobiphenyl	n/a	=	16.8	µg/L	EPA 625	-88	-88			
2018/19-3	MO-OXN	srgt environ, rec	1/30/2019	Organic	2-Fluorobiphenyl	n/a	=	67	%	EPA 625	-88	-88	22	107	
2018/19-3	MO-OXN	srgt environ	2/2/2019	Organic	2-Fluorobiphenyl	n/a	=	3.24	µg/L	EPA 8270C	-88	-88			
2018/19-3	MO-OXN	srgt environ, rec	2/2/2019	Organic	2-Fluorobiphenyl	n/a	=	65	%	EPA 8270C	-88	-88	51	139	
2018/19-3	MO-SIM	srgt environ	1/30/2019	Organic	2-Fluorobiphenyl	n/a	=	14.5	µg/L	EPA 625	-88	-88			
2018/19-3	MO-SIM	srgt environ, rec	1/30/2019	Organic	2-Fluorobiphenyl	n/a	=	58	%	EPA 625	-88	-88	22	107	
2018/19-3	MO-SIM	srgt environ	2/2/2019	Organic	2-Fluorobiphenyl	n/a	=	3.37	µg/L	EPA 8270C	-88	-88			
2018/19-3	MO-SIM	srgt environ, rec	2/2/2019	Organic	2-Fluorobiphenyl	n/a	=	67	%	EPA 8270C	-88	-88	51	139	
2018/19-3	MO-SPA	srgt environ	1/30/2019	Organic	2-Fluorobiphenyl	n/a	=	15.1	µg/L	EPA 625	-88	-88			
2018/19-3	MO-SPA	srgt environ, rec	1/30/2019	Organic	2-Fluorobiphenyl	n/a	=	60	%	EPA 625	-88	-88	22	107	
2018/19-3	MO-SPA	srgt environ	2/2/2019	Organic	2-Fluorobiphenyl	n/a	=	2.94	µg/L	EPA 8270C	-88	-88			
2018/19-3	MO-SPA	srgt environ, rec	2/2/2019	Organic	2-Fluorobiphenyl	n/a	=	59	%	EPA 8270C	-88	-88	51	139	
2018/19-3	MO-THO	srgt environ	1/30/2019	Organic	2-Fluorobiphenyl	n/a	=	18.2	µg/L	EPA 625	-88	-88			
2018/19-3	MO-THO	srgt environ, rec	1/30/2019	Organic	2-Fluorobiphenyl	n/a	=	73	%	EPA 625	-88	-88	22	107	
2018/19-3	MO-THO	srgt environ	2/2/2019	Organic	2-Fluorobiphenyl	n/a	=	2.99	µg/L	EPA 8270C	-88	-88			
2018/19-3	MO-THO	srgt environ, rec	2/2/2019	Organic	2-Fluorobiphenyl	n/a	=	60	%	EPA 8270C	-88	-88	51	139	
2018/19-3	MO-VEN	srgt environ	1/30/2019	Organic	2-Fluorobiphenyl	n/a	=	18.8	µg/L	EPA 625	-88	-88			
2018/19-3	MO-VEN	srgt environ, rec	1/30/2019	Organic	2-Fluorobiphenyl	n/a	=	75	%	EPA 625	-88	-88	22	107	
2018/19-3	MO-VEN	srgt environ	2/1/2019	Organic	2-Fluorobiphenyl	n/a	=	3.2	µg/L	EPA 8270C	-88	-88			
2018/19-3	MO-VEN	srgt environ, rec	2/1/2019	Organic	2-Fluorobiphenyl	n/a	=	64	%	EPA 8270C	-88	-88	51	139	
2018/19-3	Lab	srgt method blank	1/29/2019	Organic	2-Fluorophenol	n/a	=	22.6	µg/L	EPA 625	-88	-88			
2018/19-3	Lab	srgt method blank, rec	1/29/2019	Organic	2-Fluorophenol	n/a	=	45	%	EPA 625	-88	-88	3	74	
2018/19-3	Lab	srgt LCS	1/29/2019	Organic	2-Fluorophenol	n/a	=	23.2	µg/L	EPA 625	-88	-88			
2018/19-3	Lab	srgt LCS, rec	1/29/2019	Organic	2-Fluorophenol	n/a	=	46	%	EPA 625	-88	-88	3	74	
2018/19-3	Lab	srgt LCS dup	1/29/2019	Organic	2-Fluorophenol	n/a	=	21.3	µg/L	EPA 625	-88	-88			
2018/19-3	Lab	srgt LCS dup, rec	1/29/2019	Organic	2-Fluorophenol	n/a	=	43	%	EPA 625	-88	-88	3	74	
2018/19-3	Lab	srgt method blank	2/5/2019	Organic	2-Fluorophenol	n/a	=	4.9	µg/L	EPA 8270C	-88	-88			

Appendix F
Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2018/19-3	Lab	srgt method blank, rec	2/5/2019	Organic	2-Fluorophenol	n/a	=	49	%	EPA 8270C	-88	-88	11	62	
2018/19-3	Lab	srgt LCS	2/5/2019	Organic	2-Fluorophenol	n/a	=	5.48	µg/L	EPA 8270C	-88	-88			
2018/19-3	Lab	srgt LCS, rec	2/5/2019	Organic	2-Fluorophenol	n/a	=	55	%	EPA 8270C	-88	-88	11	62	
2018/19-3	Lab	srgt LCS dup	2/5/2019	Organic	2-Fluorophenol	n/a	=	5.62	µg/L	EPA 8270C	-88	-88			
2018/19-3	Lab	srgt LCS dup, rec	2/5/2019	Organic	2-Fluorophenol	n/a	=	56	%	EPA 8270C	-88	-88	11	62	
2018/19-3	ME-CC	srgt environ	1/30/2019	Organic	2-Fluorophenol	n/a	=	19.6	µg/L	EPA 625	-88	-88			
2018/19-3	ME-CC	srgt environ, rec	1/30/2019	Organic	2-Fluorophenol	n/a	=	39	%	EPA 625	-88	-88	3	74	
2018/19-3	ME-CC	srgt environ	2/5/2019	Organic	2-Fluorophenol	n/a	=	5.37	µg/L	EPA 8270C	-88	-88			
2018/19-3	ME-CC	srgt environ, rec	2/5/2019	Organic	2-Fluorophenol	n/a	=	54	%	EPA 8270C	-88	-88	11	62	
2018/19-3	ME-SCR	srgt environ	1/30/2019	Organic	2-Fluorophenol	n/a	=	25	µg/L	EPA 625	-88	-88			
2018/19-3	ME-SCR	srgt environ, rec	1/30/2019	Organic	2-Fluorophenol	n/a	=	50	%	EPA 625	-88	-88	3	74	
2018/19-3	ME-SCR	srgt environ	2/5/2019	Organic	2-Fluorophenol	n/a	=	5.27	µg/L	EPA 8270C	-88	-88			
2018/19-3	ME-SCR	srgt environ, rec	2/5/2019	Organic	2-Fluorophenol	n/a	=	53	%	EPA 8270C	-88	-88	11	62	
2018/19-3	ME-VR2	srgt environ	1/30/2019	Organic	2-Fluorophenol	n/a	=	19.4	µg/L	EPA 625	-88	-88			
2018/19-3	ME-VR2	srgt environ, rec	1/30/2019	Organic	2-Fluorophenol	n/a	=	39	%	EPA 625	-88	-88	3	74	
2018/19-3	ME-VR2	srgt environ	2/5/2019	Organic	2-Fluorophenol	n/a	=	5.17	µg/L	EPA 8270C	-88	-88			
2018/19-3	ME-VR2	srgt environ, rec	2/5/2019	Organic	2-Fluorophenol	n/a	=	52	%	EPA 8270C	-88	-88	11	62	
2018/19-3	MO-CAM	srgt environ	1/30/2019	Organic	2-Fluorophenol	n/a	=	19.9	µg/L	EPA 625	-88	-88			
2018/19-3	MO-CAM	srgt environ, rec	1/30/2019	Organic	2-Fluorophenol	n/a	=	40	%	EPA 625	-88	-88	3	74	
2018/19-3	MO-CAM	srgt environ	2/5/2019	Organic	2-Fluorophenol	n/a	=	3.8	µg/L	EPA 8270C	-88	-88			
2018/19-3	MO-CAM	srgt environ, rec	2/5/2019	Organic	2-Fluorophenol	n/a	=	38	%	EPA 8270C	-88	-88	11	62	
2018/19-3	MO-FIL	srgt environ	1/30/2019	Organic	2-Fluorophenol	n/a	=	18.2	µg/L	EPA 625	-88	-88			
2018/19-3	MO-FIL	srgt environ, rec	1/30/2019	Organic	2-Fluorophenol	n/a	=	36	%	EPA 625	-88	-88	3	74	
2018/19-3	MO-FIL	srgt environ	2/6/2019	Organic	2-Fluorophenol	n/a	=	3.6	µg/L	EPA 8270C	-88	-88			
2018/19-3	MO-FIL	srgt environ, rec	2/6/2019	Organic	2-Fluorophenol	n/a	=	36	%	EPA 8270C	-88	-88	11	62	
2018/19-3	MO-HUE	srgt environ	1/30/2019	Organic	2-Fluorophenol	n/a	=	18.5	µg/L	EPA 625	-88	-88			
2018/19-3	MO-HUE	srgt environ, rec	1/30/2019	Organic	2-Fluorophenol	n/a	=	37	%	EPA 625	-88	-88	3	74	
2018/19-3	MO-HUE	srgt environ	2/6/2019	Organic	2-Fluorophenol	n/a	=	4.58	µg/L	EPA 8270C	-88	-88			
2018/19-3	MO-HUE	srgt environ, rec	2/6/2019	Organic	2-Fluorophenol	n/a	=	46	%	EPA 8270C	-88	-88	11	62	
2018/19-3	MO-MEI	srgt environ	1/30/2019	Organic	2-Fluorophenol	n/a	=	10.7	µg/L	EPA 625	-88	-88			
2018/19-3	MO-MEI	srgt environ, rec	1/30/2019	Organic	2-Fluorophenol	n/a	=	21	%	EPA 625	-88	-88	3	74	
2018/19-3	MO-MEI	srgt environ	2/5/2019	Organic	2-Fluorophenol	n/a	=	3.97	µg/L	EPA 8270C	-88	-88			
2018/19-3	MO-MEI	srgt environ, rec	2/5/2019	Organic	2-Fluorophenol	n/a	=	40	%	EPA 8270C	-88	-88	11	62	
2018/19-3	MO-MPK	srgt environ	1/30/2019	Organic	2-Fluorophenol	n/a	=	18.4	µg/L	EPA 625	-88	-88			
2018/19-3	MO-MPK	srgt environ, rec	1/30/2019	Organic	2-Fluorophenol	n/a	=	37	%	EPA 625	-88	-88	3	74	
2018/19-3	MO-MPK	srgt environ	2/6/2019	Organic	2-Fluorophenol	n/a	=	4.52	µg/L	EPA 8270C	-88	-88			
2018/19-3	MO-MPK	srgt environ, rec	2/6/2019	Organic	2-Fluorophenol	n/a	=	45	%	EPA 8270C	-88	-88	11	62	
2018/19-3	MO-OJA	srgt environ	1/30/2019	Organic	2-Fluorophenol	n/a	=	17.2	µg/L	EPA 625	-88	-88			
2018/19-3	MO-OJA	srgt environ, rec	1/30/2019	Organic	2-Fluorophenol	n/a	=	34	%	EPA 625	-88	-88	3	74	
2018/19-3	MO-OJA	srgt environ	2/5/2019	Organic	2-Fluorophenol	n/a	=	4.53	µg/L	EPA 8270C	-88	-88			
2018/19-3	MO-OJA	srgt environ, rec	2/5/2019	Organic	2-Fluorophenol	n/a	=	45	%	EPA 8270C	-88	-88	11	62	
2018/19-3	MO-OXN	srgt environ	1/30/2019	Organic	2-Fluorophenol	n/a	=	22.7	µg/L	EPA 625	-88	-88			
2018/19-3	MO-OXN	srgt environ, rec	1/30/2019	Organic	2-Fluorophenol	n/a	=	45	%	EPA 625	-88	-88	3	74	
2018/19-3	MO-OXN	srgt environ	2/6/2019	Organic	2-Fluorophenol	n/a	=	4.95	µg/L	EPA 8270C	-88	-88			
2018/19-3	MO-OXN	srgt environ, rec	2/6/2019	Organic	2-Fluorophenol	n/a	=	49	%	EPA 8270C	-88	-88	11	62	
2018/19-3	MO-SIM	srgt environ	1/30/2019	Organic	2-Fluorophenol	n/a	=	16.6	µg/L	EPA 625	-88	-88			
2018/19-3	MO-SIM	srgt environ, rec	1/30/2019	Organic	2-Fluorophenol	n/a	=	33	%	EPA 625	-88	-88	3	74	

Appendix F
Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2018/19-3	MO-SIM	srgt environ	2/6/2019	Organic	2-Fluorophenol	n/a	=	4.46	µg/L	EPA 8270C	-88	-88			
2018/19-3	MO-SIM	srgt environ, rec	2/6/2019	Organic	2-Fluorophenol	n/a	=	45	%	EPA 8270C	-88	-88	11	62	
2018/19-3	MO-SPA	srgt environ	1/30/2019	Organic	2-Fluorophenol	n/a	=	19.3	µg/L	EPA 625	-88	-88			
2018/19-3	MO-SPA	srgt environ, rec	1/30/2019	Organic	2-Fluorophenol	n/a	=	39	%	EPA 625	-88	-88	3	74	
2018/19-3	MO-SPA	srgt environ	2/6/2019	Organic	2-Fluorophenol	n/a	=	3.73	µg/L	EPA 8270C	-88	-88			
2018/19-3	MO-SPA	srgt environ, rec	2/6/2019	Organic	2-Fluorophenol	n/a	=	37	%	EPA 8270C	-88	-88	11	62	
2018/19-3	MO-THO	srgt environ	1/30/2019	Organic	2-Fluorophenol	n/a	=	21.2	µg/L	EPA 625	-88	-88			
2018/19-3	MO-THO	srgt environ, rec	1/30/2019	Organic	2-Fluorophenol	n/a	=	42	%	EPA 625	-88	-88	3	74	
2018/19-3	MO-THO	srgt environ	2/6/2019	Organic	2-Fluorophenol	n/a	=	4.38	µg/L	EPA 8270C	-88	-88			
2018/19-3	MO-THO	srgt environ, rec	2/6/2019	Organic	2-Fluorophenol	n/a	=	44	%	EPA 8270C	-88	-88	11	62	
2018/19-3	MO-VEN	srgt environ	1/30/2019	Organic	2-Fluorophenol	n/a	=	22.8	µg/L	EPA 625	-88	-88			
2018/19-3	MO-VEN	srgt environ, rec	1/30/2019	Organic	2-Fluorophenol	n/a	=	46	%	EPA 625	-88	-88	3	74	
2018/19-3	MO-VEN	srgt environ	2/5/2019	Organic	2-Fluorophenol	n/a	=	4.67	µg/L	EPA 8270C	-88	-88			
2018/19-3	MO-VEN	srgt environ, rec	2/5/2019	Organic	2-Fluorophenol	n/a	=	47	%	EPA 8270C	-88	-88	11	62	
2018/19-3	Lab	method blank	2/1/2019	Organic	2-Methylnaphthalene	n/a	<	0.1	µg/L	EPA 8270C	0.1	0.1			
2018/19-3	Lab	method blank	2/5/2019	Organic	2-Methylphenol	n/a	<	0.34	µg/L	EPA 8270C	0.34	1			
2018/19-3	Lab	method blank	1/29/2019	Organic	2-Nitrophenol	n/a	<	0.26	µg/L	EPA 625	0.26	1			
2018/19-3	Lab	LCS	1/29/2019	Organic	2-Nitrophenol	n/a	=	22.9	µg/L	EPA 625	0.26	1			
2018/19-3	Lab	LCS, rec	1/29/2019	Organic	2-Nitrophenol	n/a	=	92	%	EPA 625	-88	-88	29	182	
2018/19-3	Lab	LCS dup	1/29/2019	Organic	2-Nitrophenol	n/a	=	18.2	µg/L	EPA 625	0.26	1			
2018/19-3	Lab	LCS dup, rec	1/29/2019	Organic	2-Nitrophenol	n/a	=	73	%	EPA 625	-88	-88	29	182	
2018/19-3	Lab	LCS, RPD	1/29/2019	Organic	2-Nitrophenol	n/a	=	23	%	EPA 625	-88	-88	0	30	
2018/19-3	Lab	method blank	2/5/2019	Organic	2-Nitrophenol	n/a	<	0.71	µg/L	EPA 8270C	0.71	1			
2018/19-3	Lab	LCS	2/5/2019	Organic	2-Nitrophenol	n/a	=	8.86	µg/L	EPA 8270C	0.71	1			
2018/19-3	Lab	LCS, rec	2/5/2019	Organic	2-Nitrophenol	n/a	=	89	%	EPA 8270C	-88	-88	33	103	
2018/19-3	Lab	LCS dup	2/5/2019	Organic	2-Nitrophenol	n/a	=	8.15	µg/L	EPA 8270C	0.71	1			
2018/19-3	Lab	LCS dup, rec	2/5/2019	Organic	2-Nitrophenol	n/a	=	82	%	EPA 8270C	-88	-88	33	103	
2018/19-3	Lab	LCS, RPD	2/5/2019	Organic	2-Nitrophenol	n/a	=	8	%	EPA 8270C	-88	-88	0	30	
2018/19-3	Lab	method blank	1/29/2019	Organic	3,3'-Dichlorobenzidine	n/a	<	1.2	µg/L	EPA 625	1.2	5			
2018/19-3	Lab	LCS	1/29/2019	Organic	3,3'-Dichlorobenzidine	n/a	=	22	µg/L	EPA 625	1.2	5			
2018/19-3	Lab	LCS, rec	1/29/2019	Organic	3,3'-Dichlorobenzidine	n/a	=	88	%	EPA 625	-88	-88	0.1	262	
2018/19-3	Lab	LCS dup	1/29/2019	Organic	3,3'-Dichlorobenzidine	n/a	=	19.1	µg/L	EPA 625	1.2	5			
2018/19-3	Lab	LCS dup, rec	1/29/2019	Organic	3,3'-Dichlorobenzidine	n/a	=	77	%	EPA 625	-88	-88	0.1	262	
2018/19-3	Lab	LCS, RPD	1/29/2019	Organic	3,3'-Dichlorobenzidine	n/a	=	14	%	EPA 625	-88	-88	0	30	
2018/19-3	Lab	method blank	2/5/2019	Organic	3-/4-Methylphenol	n/a	<	0.3	µg/L	EPA 8270C	0.3	1			
2018/19-3	Lab	method blank	1/29/2019	Organic	4,6-Dinitro-2-methylphenol	n/a	<	1.7	µg/L	EPA 625	1.7	5			
2018/19-3	Lab	LCS	1/29/2019	Organic	4,6-Dinitro-2-methylphenol	n/a	=	25.5	µg/L	EPA 625	1.7	5			
2018/19-3	Lab	LCS, rec	1/29/2019	Organic	4,6-Dinitro-2-methylphenol	n/a	=	102	%	EPA 625	-88	-88	0.1	181	
2018/19-3	Lab	LCS dup	1/29/2019	Organic	4,6-Dinitro-2-methylphenol	n/a	=	24.4	µg/L	EPA 625	1.7	5			
2018/19-3	Lab	LCS dup, rec	1/29/2019	Organic	4,6-Dinitro-2-methylphenol	n/a	=	98	%	EPA 625	-88	-88	0.1	181	
2018/19-3	Lab	LCS, RPD	1/29/2019	Organic	4,6-Dinitro-2-methylphenol	n/a	=	4	%	EPA 625	-88	-88	0	30	
2018/19-3	Lab	method blank	2/5/2019	Organic	4,6-Dinitro-2-methylphenol	n/a	<	0.14	µg/L	EPA 8270C	0.14	1			
2018/19-3	Lab	LCS	2/5/2019	Organic	4,6-Dinitro-2-methylphenol	n/a	=	10.1	µg/L	EPA 8270C	0.14	1			
2018/19-3	Lab	LCS, rec	2/5/2019	Organic	4,6-Dinitro-2-methylphenol	n/a	=	101	%	EPA 8270C	-88	-88	33	118	
2018/19-3	Lab	LCS dup	2/5/2019	Organic	4,6-Dinitro-2-methylphenol	n/a	=	10.3	µg/L	EPA 8270C	0.14	1			
2018/19-3	Lab	LCS dup, rec	2/5/2019	Organic	4,6-Dinitro-2-methylphenol	n/a	=	103	%	EPA 8270C	-88	-88	33	118	
2018/19-3	Lab	LCS, RPD	2/5/2019	Organic	4,6-Dinitro-2-methylphenol	n/a	=	2	%	EPA 8270C	-88	-88	0	30	

Appendix F
Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2018/19-3	Lab	srgt LCS	1/8/2019	Organic	4-Bromofluorobenzene	n/a	=	48.6	µg/L	EPA 624	-88	-88			
2018/19-3	Lab	srgt LCS, rec	1/8/2019	Organic	4-Bromofluorobenzene	n/a	=	97	%	EPA 624	-88	-88	88	108	
2018/19-3	Lab	srgt LCS dup	1/8/2019	Organic	4-Bromofluorobenzene	n/a	=	49.9	µg/L	EPA 624	-88	-88			
2018/19-3	Lab	srgt LCS dup, rec	1/8/2019	Organic	4-Bromofluorobenzene	n/a	=	100	%	EPA 624	-88	-88	88	108	
2018/19-3	Lab	srgt method blank	1/8/2019	Organic	4-Bromofluorobenzene	n/a	=	48.2	µg/L	EPA 624	-88	-88			
2018/19-3	Lab	srgt method blank, rec	1/8/2019	Organic	4-Bromofluorobenzene	n/a	=	96	%	EPA 624	-88	-88	88	108	
2018/19-3	Lab	srgt LCS	1/12/2019	Organic	4-Bromofluorobenzene	n/a	=	50.1	µg/L	LUFT GC/MS	-88	-88			
2018/19-3	Lab	srgt LCS, rec	1/12/2019	Organic	4-Bromofluorobenzene	n/a	=	100	%	LUFT GC/MS	-88	-88	83	110	
2018/19-3	Lab	srgt LCS dup	1/12/2019	Organic	4-Bromofluorobenzene	n/a	=	50.2	µg/L	LUFT GC/MS	-88	-88			
2018/19-3	Lab	srgt LCS dup, rec	1/12/2019	Organic	4-Bromofluorobenzene	n/a	=	100	%	LUFT GC/MS	-88	-88	83	110	
2018/19-3	Lab	srgt method blank	1/12/2019	Organic	4-Bromofluorobenzene	n/a	=	50.4	µg/L	LUFT GC/MS	-88	-88			
2018/19-3	Lab	srgt method blank, rec	1/12/2019	Organic	4-Bromofluorobenzene	n/a	=	101	%	LUFT GC/MS	-88	-88	83	110	
2018/19-3	ME-CC	srgt environ	1/8/2019	Organic	4-Bromofluorobenzene	n/a	=	47	µg/L	EPA 624	-88	-88			
2018/19-3	ME-CC	srgt environ, rec	1/8/2019	Organic	4-Bromofluorobenzene	n/a	=	94	%	EPA 624	-88	-88	88	108	
2018/19-3	ME-CC	srgt environ	1/12/2019	Organic	4-Bromofluorobenzene	n/a	=	50.3	µg/L	LUFT GC/MS	-88	-88			
2018/19-3	ME-CC	srgt environ, rec	1/12/2019	Organic	4-Bromofluorobenzene	n/a	=	101	%	LUFT GC/MS	-88	-88	83	110	
2018/19-3	ME-SCR	srgt environ	1/8/2019	Organic	4-Bromofluorobenzene	n/a	=	46.9	µg/L	EPA 624	-88	-88			
2018/19-3	ME-SCR	srgt environ, rec	1/8/2019	Organic	4-Bromofluorobenzene	n/a	=	94	%	EPA 624	-88	-88	88	108	
2018/19-3	ME-SCR	srgt environ	1/12/2019	Organic	4-Bromofluorobenzene	n/a	=	50.2	µg/L	LUFT GC/MS	-88	-88			
2018/19-3	ME-SCR	srgt environ, rec	1/12/2019	Organic	4-Bromofluorobenzene	n/a	=	100	%	LUFT GC/MS	-88	-88	83	110	
2018/19-3	ME-VR2	srgt environ	1/8/2019	Organic	4-Bromofluorobenzene	n/a	=	47.4	µg/L	EPA 624	-88	-88			
2018/19-3	ME-VR2	srgt environ, rec	1/8/2019	Organic	4-Bromofluorobenzene	n/a	=	95	%	EPA 624	-88	-88	88	108	
2018/19-3	ME-VR2	srgt environ	1/12/2019	Organic	4-Bromofluorobenzene	n/a	=	50.3	µg/L	LUFT GC/MS	-88	-88			
2018/19-3	ME-VR2	srgt environ, rec	1/12/2019	Organic	4-Bromofluorobenzene	n/a	=	101	%	LUFT GC/MS	-88	-88	83	110	
2018/19-3	MO-CAM	srgt environ	1/8/2019	Organic	4-Bromofluorobenzene	n/a	=	47.8	µg/L	EPA 624	-88	-88			
2018/19-3	MO-CAM	srgt environ, rec	1/8/2019	Organic	4-Bromofluorobenzene	n/a	=	96	%	EPA 624	-88	-88	88	108	
2018/19-3	MO-CAM	srgt environ	1/12/2019	Organic	4-Bromofluorobenzene	n/a	=	50.1	µg/L	LUFT GC/MS	-88	-88			
2018/19-3	MO-CAM	srgt environ, rec	1/12/2019	Organic	4-Bromofluorobenzene	n/a	=	100	%	LUFT GC/MS	-88	-88	83	110	
2018/19-3	MO-FIL	srgt environ	1/8/2019	Organic	4-Bromofluorobenzene	n/a	=	48.6	µg/L	EPA 624	-88	-88			
2018/19-3	MO-FIL	srgt environ, rec	1/8/2019	Organic	4-Bromofluorobenzene	n/a	=	97	%	EPA 624	-88	-88	88	108	
2018/19-3	MO-FIL	srgt environ	1/12/2019	Organic	4-Bromofluorobenzene	n/a	=	50.4	µg/L	LUFT GC/MS	-88	-88			
2018/19-3	MO-FIL	srgt environ, rec	1/12/2019	Organic	4-Bromofluorobenzene	n/a	=	101	%	LUFT GC/MS	-88	-88	83	110	
2018/19-3	MO-HUE	srgt environ	1/8/2019	Organic	4-Bromofluorobenzene	n/a	=	47.1	µg/L	EPA 624	-88	-88			
2018/19-3	MO-HUE	srgt environ, rec	1/8/2019	Organic	4-Bromofluorobenzene	n/a	=	94	%	EPA 624	-88	-88	88	108	
2018/19-3	MO-HUE	srgt environ	1/12/2019	Organic	4-Bromofluorobenzene	n/a	=	50.3	µg/L	LUFT GC/MS	-88	-88			
2018/19-3	MO-HUE	srgt environ, rec	1/12/2019	Organic	4-Bromofluorobenzene	n/a	=	101	%	LUFT GC/MS	-88	-88	83	110	
2018/19-3	MO-MEI	srgt environ	1/8/2019	Organic	4-Bromofluorobenzene	n/a	=	48.1	µg/L	EPA 624	-88	-88			
2018/19-3	MO-MEI	srgt environ, rec	1/8/2019	Organic	4-Bromofluorobenzene	n/a	=	96	%	EPA 624	-88	-88	88	108	
2018/19-3	MO-MEI	srgt environ	1/12/2019	Organic	4-Bromofluorobenzene	n/a	=	50.4	µg/L	LUFT GC/MS	-88	-88			
2018/19-3	MO-MEI	srgt environ, rec	1/12/2019	Organic	4-Bromofluorobenzene	n/a	=	101	%	LUFT GC/MS	-88	-88	83	110	
2018/19-3	MO-MPK	srgt environ	1/8/2019	Organic	4-Bromofluorobenzene	n/a	=	48.4	µg/L	EPA 624	-88	-88			
2018/19-3	MO-MPK	srgt environ, rec	1/8/2019	Organic	4-Bromofluorobenzene	n/a	=	97	%	EPA 624	-88	-88	88	108	
2018/19-3	MO-MPK	srgt environ	1/12/2019	Organic	4-Bromofluorobenzene	n/a	=	50.4	µg/L	LUFT GC/MS	-88	-88			
2018/19-3	MO-MPK	srgt environ, rec	1/12/2019	Organic	4-Bromofluorobenzene	n/a	=	101	%	LUFT GC/MS	-88	-88	83	110	
2018/19-3	MO-OJA	srgt environ	1/8/2019	Organic	4-Bromofluorobenzene	n/a	=	47.8	µg/L	EPA 624	-88	-88			
2018/19-3	MO-OJA	srgt environ, rec	1/8/2019	Organic	4-Bromofluorobenzene	n/a	=	96	%	EPA 624	-88	-88	88	108	
2018/19-3	MO-OJA	srgt environ	1/8/2019	Organic	4-Bromofluorobenzene	n/a	=	48.8	µg/L	EPA 624	-88	-88			

Appendix F
Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2018/19-3	MO-OJA	srgt environ, rec	1/8/2019	Organic	4-Bromofluorobenzene	n/a	=	98	%	EPA 624	-88	-88	88	108	
2018/19-3	MO-OJA	srgt environ	1/12/2019	Organic	4-Bromofluorobenzene	n/a	=	50.2	µg/L	LUFT GC/MS	-88	-88			
2018/19-3	MO-OJA	srgt environ, rec	1/12/2019	Organic	4-Bromofluorobenzene	n/a	=	100	%	LUFT GC/MS	-88	-88	83	110	
2018/19-3	MO-OJA	srgt environ	1/12/2019	Organic	4-Bromofluorobenzene	n/a	=	50.1	µg/L	LUFT GC/MS	-88	-88			
2018/19-3	MO-OJA	srgt environ, rec	1/12/2019	Organic	4-Bromofluorobenzene	n/a	=	100	%	LUFT GC/MS	-88	-88	83	110	
2018/19-3	MO-OXN	srgt environ	1/8/2019	Organic	4-Bromofluorobenzene	n/a	=	47.8	µg/L	EPA 624	-88	-88			
2018/19-3	MO-OXN	srgt environ, rec	1/8/2019	Organic	4-Bromofluorobenzene	n/a	=	96	%	EPA 624	-88	-88	88	108	
2018/19-3	MO-OXN	srgt environ	1/12/2019	Organic	4-Bromofluorobenzene	n/a	=	50.5	µg/L	LUFT GC/MS	-88	-88			
2018/19-3	MO-OXN	srgt environ, rec	1/12/2019	Organic	4-Bromofluorobenzene	n/a	=	101	%	LUFT GC/MS	-88	-88	83	110	
2018/19-3	MO-SIM	srgt environ	1/8/2019	Organic	4-Bromofluorobenzene	n/a	=	47.6	µg/L	EPA 624	-88	-88			
2018/19-3	MO-SIM	srgt environ, rec	1/8/2019	Organic	4-Bromofluorobenzene	n/a	=	95	%	EPA 624	-88	-88	88	108	
2018/19-3	MO-SIM	srgt environ	1/12/2019	Organic	4-Bromofluorobenzene	n/a	=	50	µg/L	LUFT GC/MS	-88	-88			
2018/19-3	MO-SIM	srgt environ, rec	1/12/2019	Organic	4-Bromofluorobenzene	n/a	=	100	%	LUFT GC/MS	-88	-88	83	110	
2018/19-3	MO-SPA	srgt environ	1/8/2019	Organic	4-Bromofluorobenzene	n/a	=	48	µg/L	EPA 624	-88	-88			
2018/19-3	MO-SPA	srgt environ, rec	1/8/2019	Organic	4-Bromofluorobenzene	n/a	=	96	%	EPA 624	-88	-88	88	108	
2018/19-3	MO-SPA	srgt environ	1/12/2019	Organic	4-Bromofluorobenzene	n/a	=	49.9	µg/L	LUFT GC/MS	-88	-88			
2018/19-3	MO-SPA	srgt environ, rec	1/12/2019	Organic	4-Bromofluorobenzene	n/a	=	100	%	LUFT GC/MS	-88	-88	83	110	
2018/19-3	MO-THO	srgt environ	1/8/2019	Organic	4-Bromofluorobenzene	n/a	=	58.4	µg/L	EPA 624	-88	-88			GN
2018/19-3	MO-THO	srgt environ, rec	1/8/2019	Organic	4-Bromofluorobenzene	n/a	=	117	%	EPA 624	-88	-88	88	108	GN
2018/19-3	MO-THO	srgt matrix spike	1/8/2019	Organic	4-Bromofluorobenzene	n/a	=	53.2	µg/L	EPA 624	-88	-88			
2018/19-3	MO-THO	srgt matrix spike, rec	1/8/2019	Organic	4-Bromofluorobenzene	n/a	=	106	%	EPA 624	-88	-88	88	108	
2018/19-3	MO-THO	srgt matrix spike dup	1/8/2019	Organic	4-Bromofluorobenzene	n/a	=	53.2	µg/L	EPA 624	-88	-88			
2018/19-3	MO-THO	srgt matrix spike dup, rec	1/8/2019	Organic	4-Bromofluorobenzene	n/a	=	106	%	EPA 624	-88	-88	88	108	
2018/19-3	MO-THO	srgt environ	1/12/2019	Organic	4-Bromofluorobenzene	n/a	=	49.9	µg/L	LUFT GC/MS	-88	-88			
2018/19-3	MO-THO	srgt environ, rec	1/12/2019	Organic	4-Bromofluorobenzene	n/a	=	100	%	LUFT GC/MS	-88	-88	83	110	
2018/19-3	MO-VEN	srgt environ	1/8/2019	Organic	4-Bromofluorobenzene	n/a	=	47.6	µg/L	EPA 624	-88	-88			
2018/19-3	MO-VEN	srgt environ, rec	1/8/2019	Organic	4-Bromofluorobenzene	n/a	=	95	%	EPA 624	-88	-88	88	108	
2018/19-3	MO-VEN	srgt environ	1/12/2019	Organic	4-Bromofluorobenzene	n/a	=	50.6	µg/L	LUFT GC/MS	-88	-88			
2018/19-3	MO-VEN	srgt environ, rec	1/12/2019	Organic	4-Bromofluorobenzene	n/a	=	101	%	LUFT GC/MS	-88	-88	83	110	
2018/19-3	Lab	method blank	1/29/2019	Organic	4-Bromophenyl phenyl ether	n/a	<	0.36	µg/L	EPA 625	0.36	1			
2018/19-3	Lab	LCS	1/29/2019	Organic	4-Bromophenyl phenyl ether	n/a	=	21.7	µg/L	EPA 625	0.36	1			
2018/19-3	Lab	LCS, rec	1/29/2019	Organic	4-Bromophenyl phenyl ether	n/a	=	87	%	EPA 625	-88	-88	53	127	
2018/19-3	Lab	LCS dup	1/29/2019	Organic	4-Bromophenyl phenyl ether	n/a	=	19	µg/L	EPA 625	0.36	1			
2018/19-3	Lab	LCS dup, rec	1/29/2019	Organic	4-Bromophenyl phenyl ether	n/a	=	76	%	EPA 625	-88	-88	53	127	
2018/19-3	Lab	LCS, RPD	1/29/2019	Organic	4-Bromophenyl phenyl ether	n/a	=	13	%	EPA 625	-88	-88	0	30	
2018/19-3	Lab	method blank	1/29/2019	Organic	4-Chloro-3-methylphenol	n/a	<	0.23	µg/L	EPA 625	0.23	1			
2018/19-3	Lab	LCS	1/29/2019	Organic	4-Chloro-3-methylphenol	n/a	=	21.4	µg/L	EPA 625	0.23	1			
2018/19-3	Lab	LCS, rec	1/29/2019	Organic	4-Chloro-3-methylphenol	n/a	=	85	%	EPA 625	-88	-88	22	147	
2018/19-3	Lab	LCS dup	1/29/2019	Organic	4-Chloro-3-methylphenol	n/a	=	16.9	µg/L	EPA 625	0.23	1			
2018/19-3	Lab	LCS dup, rec	1/29/2019	Organic	4-Chloro-3-methylphenol	n/a	=	67	%	EPA 625	-88	-88	22	147	
2018/19-3	Lab	LCS, RPD	1/29/2019	Organic	4-Chloro-3-methylphenol	n/a	=	23	%	EPA 625	-88	-88	0	30	
2018/19-3	Lab	method blank	2/5/2019	Organic	4-Chloro-3-methylphenol	n/a	<	0.37	µg/L	EPA 8270C	0.37	1			
2018/19-3	Lab	LCS	2/5/2019	Organic	4-Chloro-3-methylphenol	n/a	=	9.01	µg/L	EPA 8270C	0.37	1			
2018/19-3	Lab	LCS, rec	2/5/2019	Organic	4-Chloro-3-methylphenol	n/a	=	90	%	EPA 8270C	-88	-88	29	108	
2018/19-3	Lab	LCS dup	2/5/2019	Organic	4-Chloro-3-methylphenol	n/a	=	8.62	µg/L	EPA 8270C	0.37	1			
2018/19-3	Lab	LCS dup, rec	2/5/2019	Organic	4-Chloro-3-methylphenol	n/a	=	86	%	EPA 8270C	-88	-88	29	108	
2018/19-3	Lab	LCS, RPD	2/5/2019	Organic	4-Chloro-3-methylphenol	n/a	=	4	%	EPA 8270C	-88	-88	0	30	

Appendix F
Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2018/19-3	Lab	method blank	1/29/2019	Organic	4-Chlorophenyl phenyl ether	n/a	<	0.41	µg/L	EPA 625	0.41	1			
2018/19-3	Lab	LCS	1/29/2019	Organic	4-Chlorophenyl phenyl ether	n/a	=	20.3	µg/L	EPA 625	0.41	1			
2018/19-3	Lab	LCS, rec	1/29/2019	Organic	4-Chlorophenyl phenyl ether	n/a	=	81	%	EPA 625	-88	-88	25	158	
2018/19-3	Lab	LCS dup	1/29/2019	Organic	4-Chlorophenyl phenyl ether	n/a	=	16.7	µg/L	EPA 625	0.41	1			
2018/19-3	Lab	LCS dup, rec	1/29/2019	Organic	4-Chlorophenyl phenyl ether	n/a	=	67	%	EPA 625	-88	-88	25	158	
2018/19-3	Lab	LCS, RPD	1/29/2019	Organic	4-Chlorophenyl phenyl ether	n/a	=	19	%	EPA 625	-88	-88	0	30	
2018/19-3	Lab	method blank	1/29/2019	Organic	4-Nitrophenol	n/a	<	0.45	µg/L	EPA 625	0.45	5			
2018/19-3	Lab	LCS	1/29/2019	Organic	4-Nitrophenol	n/a	=	8.63	µg/L	EPA 625	0.45	5			
2018/19-3	Lab	LCS, rec	1/29/2019	Organic	4-Nitrophenol	n/a	=	35	%	EPA 625	-88	-88	0.1	132	
2018/19-3	Lab	LCS dup	1/29/2019	Organic	4-Nitrophenol	n/a	=	8.47	µg/L	EPA 625	0.45	5			
2018/19-3	Lab	LCS dup, rec	1/29/2019	Organic	4-Nitrophenol	n/a	=	34	%	EPA 625	-88	-88	0.1	132	
2018/19-3	Lab	LCS, RPD	1/29/2019	Organic	4-Nitrophenol	n/a	=	2	%	EPA 625	-88	-88	0	30	
2018/19-3	Lab	method blank	2/5/2019	Organic	4-Nitrophenol	n/a	<	1	µg/L	EPA 8270C	1	2			
2018/19-3	Lab	LCS	2/5/2019	Organic	4-Nitrophenol	n/a	=	4.84	µg/L	EPA 8270C	1	2			EUM
2018/19-3	Lab	LCS, rec	2/5/2019	Organic	4-Nitrophenol	n/a	=	48	%	EPA 8270C	-88	-88	6	46	EUM
2018/19-3	Lab	LCS dup	2/5/2019	Organic	4-Nitrophenol	n/a	=	4.84	µg/L	EPA 8270C	1	2			EUM
2018/19-3	Lab	LCS dup, rec	2/5/2019	Organic	4-Nitrophenol	n/a	=	48	%	EPA 8270C	-88	-88	6	46	EUM
2018/19-3	Lab	LCS, RPD	2/5/2019	Organic	4-Nitrophenol	n/a	=	0.08	%	EPA 8270C	-88	-88	0	30	EUM
2018/19-3	Lab	method blank	1/29/2019	Organic	Acenaphthene	n/a	<	0.38	µg/L	EPA 625	0.38	1			
2018/19-3	Lab	LCS	1/29/2019	Organic	Acenaphthene	n/a	=	21.8	µg/L	EPA 625	0.38	1			
2018/19-3	Lab	LCS, rec	1/29/2019	Organic	Acenaphthene	n/a	=	87	%	EPA 625	-88	-88	47	145	
2018/19-3	Lab	LCS dup	1/29/2019	Organic	Acenaphthene	n/a	=	17.2	µg/L	EPA 625	0.38	1			
2018/19-3	Lab	LCS dup, rec	1/29/2019	Organic	Acenaphthene	n/a	=	69	%	EPA 625	-88	-88	47	145	
2018/19-3	Lab	LCS, RPD	1/29/2019	Organic	Acenaphthene	n/a	=	23	%	EPA 625	-88	-88	0	30	
2018/19-3	Lab	method blank	2/1/2019	Organic	Acenaphthene	n/a	<	0.1	µg/L	EPA 8270C	0.1	0.1			
2018/19-3	Lab	LCS	2/1/2019	Organic	Acenaphthene	n/a	=	8.35	µg/L	EPA 8270C	0.1	0.1			
2018/19-3	Lab	LCS, rec	2/1/2019	Organic	Acenaphthene	n/a	=	84	%	EPA 8270C	-88	-88	11	122	
2018/19-3	Lab	LCS dup	2/1/2019	Organic	Acenaphthene	n/a	=	7.98	µg/L	EPA 8270C	0.1	0.1			
2018/19-3	Lab	LCS dup, rec	2/1/2019	Organic	Acenaphthene	n/a	=	80	%	EPA 8270C	-88	-88	11	122	
2018/19-3	Lab	LCS, RPD	2/1/2019	Organic	Acenaphthene	n/a	=	5	%	EPA 8270C	-88	-88	0	30	
2018/19-3	Lab	method blank	1/29/2019	Organic	Acenaphthylene	n/a	<	0.4	µg/L	EPA 625	0.4	1			
2018/19-3	Lab	LCS	1/29/2019	Organic	Acenaphthylene	n/a	=	22.2	µg/L	EPA 625	0.4	1			
2018/19-3	Lab	LCS, rec	1/29/2019	Organic	Acenaphthylene	n/a	=	89	%	EPA 625	-88	-88	33	145	
2018/19-3	Lab	LCS dup	1/29/2019	Organic	Acenaphthylene	n/a	=	17.4	µg/L	EPA 625	0.4	1			
2018/19-3	Lab	LCS dup, rec	1/29/2019	Organic	Acenaphthylene	n/a	=	70	%	EPA 625	-88	-88	33	145	
2018/19-3	Lab	LCS, RPD	1/29/2019	Organic	Acenaphthylene	n/a	=	24	%	EPA 625	-88	-88	0	30	
2018/19-3	Lab	method blank	2/1/2019	Organic	Acenaphthylene	n/a	<	0.1	µg/L	EPA 8270C	0.1	0.1			
2018/19-3	Lab	LCS	2/1/2019	Organic	Acenaphthylene	n/a	=	8.94	µg/L	EPA 8270C	0.1	0.1			
2018/19-3	Lab	LCS, rec	2/1/2019	Organic	Acenaphthylene	n/a	=	89	%	EPA 8270C	-88	-88	4	135	
2018/19-3	Lab	LCS dup	2/1/2019	Organic	Acenaphthylene	n/a	=	8.62	µg/L	EPA 8270C	0.1	0.1			
2018/19-3	Lab	LCS dup, rec	2/1/2019	Organic	Acenaphthylene	n/a	=	86	%	EPA 8270C	-88	-88	4	135	
2018/19-3	Lab	LCS, RPD	2/1/2019	Organic	Acenaphthylene	n/a	=	4	%	EPA 8270C	-88	-88	0	30	
2018/19-3	Lab	method blank	1/29/2019	Organic	Anthracene	n/a	<	0.34	µg/L	EPA 625	0.34	1			
2018/19-3	Lab	LCS	1/29/2019	Organic	Anthracene	n/a	=	24.5	µg/L	EPA 625	0.34	1			
2018/19-3	Lab	LCS, rec	1/29/2019	Organic	Anthracene	n/a	=	98	%	EPA 625	-88	-88	27	133	
2018/19-3	Lab	LCS dup	1/29/2019	Organic	Anthracene	n/a	=	22.6	µg/L	EPA 625	0.34	1			
2018/19-3	Lab	LCS dup, rec	1/29/2019	Organic	Anthracene	n/a	=	90	%	EPA 625	-88	-88	27	133	

Appendix F
Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2018/19-3	Lab	LCS, RPD	1/29/2019	Organic	Anthracene	n/a	=	8	%	EPA 625	-88	-88	0	30	
2018/19-3	Lab	method blank	2/1/2019	Organic	Anthracene	n/a	<	0.1	µg/L	EPA 8270C	0.1	0.1			
2018/19-3	Lab	LCS	2/1/2019	Organic	Anthracene	n/a	=	9.98	µg/L	EPA 8270C	0.1	0.1			
2018/19-3	Lab	LCS, rec	2/1/2019	Organic	Anthracene	n/a	=	100	%	EPA 8270C	-88	-88	22	127	
2018/19-3	Lab	LCS dup	2/1/2019	Organic	Anthracene	n/a	=	9.78	µg/L	EPA 8270C	0.1	0.1			
2018/19-3	Lab	LCS dup, rec	2/1/2019	Organic	Anthracene	n/a	=	98	%	EPA 8270C	-88	-88	22	127	
2018/19-3	Lab	LCS, RPD	2/1/2019	Organic	Anthracene	n/a	=	2	%	EPA 8270C	-88	-88	0	30	
2018/19-3	Lab	method blank	1/29/2019	Organic	Benz(a)anthracene	n/a	<	0.19	µg/L	EPA 625	0.19	1			
2018/19-3	Lab	LCS	1/29/2019	Organic	Benz(a)anthracene	n/a	=	20.6	µg/L	EPA 625	0.19	1			
2018/19-3	Lab	LCS, rec	1/29/2019	Organic	Benz(a)anthracene	n/a	=	83	%	EPA 625	-88	-88	33	143	
2018/19-3	Lab	LCS dup	1/29/2019	Organic	Benz(a)anthracene	n/a	=	19.9	µg/L	EPA 625	0.19	1			
2018/19-3	Lab	LCS dup, rec	1/29/2019	Organic	Benz(a)anthracene	n/a	=	80	%	EPA 625	-88	-88	33	143	
2018/19-3	Lab	LCS, RPD	1/29/2019	Organic	Benz(a)anthracene	n/a	=	4	%	EPA 625	-88	-88	0	30	
2018/19-3	Lab	method blank	2/1/2019	Organic	Benz(a)anthracene	n/a	<	0.1	µg/L	EPA 8270C	0.1	0.1			
2018/19-3	Lab	LCS	2/1/2019	Organic	Benz(a)anthracene	n/a	=	9.56	µg/L	EPA 8270C	0.1	0.1			
2018/19-3	Lab	LCS, rec	2/1/2019	Organic	Benz(a)anthracene	n/a	=	96	%	EPA 8270C	-88	-88	17	131	
2018/19-3	Lab	LCS dup	2/1/2019	Organic	Benz(a)anthracene	n/a	=	9.56	µg/L	EPA 8270C	0.1	0.1			
2018/19-3	Lab	LCS dup, rec	2/1/2019	Organic	Benz(a)anthracene	n/a	=	96	%	EPA 8270C	-88	-88	17	131	
2018/19-3	Lab	LCS, RPD	2/1/2019	Organic	Benz(a)anthracene	n/a	=	0.1	%	EPA 8270C	-88	-88	0	30	
2018/19-3	Lab	method blank	1/29/2019	Organic	Benididine	n/a	<	3.7	µg/L	EPA 625	3.7	10			
2018/19-3	Lab	method blank	1/29/2019	Organic	Benzo(a)pyrene	n/a	<	0.13	µg/L	EPA 625	0.13	1			
2018/19-3	Lab	LCS	1/29/2019	Organic	Benzo(a)pyrene	n/a	=	24.4	µg/L	EPA 625	0.13	1			
2018/19-3	Lab	LCS, rec	1/29/2019	Organic	Benzo(a)pyrene	n/a	=	98	%	EPA 625	-88	-88	17	163	
2018/19-3	Lab	LCS dup	1/29/2019	Organic	Benzo(a)pyrene	n/a	=	23.4	µg/L	EPA 625	0.13	1			
2018/19-3	Lab	LCS dup, rec	1/29/2019	Organic	Benzo(a)pyrene	n/a	=	94	%	EPA 625	-88	-88	17	163	
2018/19-3	Lab	LCS, RPD	1/29/2019	Organic	Benzo(a)pyrene	n/a	=	4	%	EPA 625	-88	-88	0	30	
2018/19-3	Lab	method blank	2/1/2019	Organic	Benzo(a)pyrene	n/a	<	0.07	µg/L	EPA 525.2	0.07	0.1			
2018/19-3	Lab	LCS	2/1/2019	Organic	Benzo(a)pyrene	n/a	=	4.93	µg/L	EPA 525.2	0.07	0.1			
2018/19-3	Lab	LCS, rec	2/1/2019	Organic	Benzo(a)pyrene	n/a	=	99	%	EPA 525.2	-88	-88	60	130	
2018/19-3	Lab	LCS dup	2/1/2019	Organic	Benzo(a)pyrene	n/a	=	5.12	µg/L	EPA 525.2	0.07	0.1			
2018/19-3	Lab	LCS dup, rec	2/1/2019	Organic	Benzo(a)pyrene	n/a	=	102	%	EPA 525.2	-88	-88	60	130	
2018/19-3	Lab	LCS, RPD	2/1/2019	Organic	Benzo(a)pyrene	n/a	=	4	%	EPA 525.2	-88	-88	0	30	
2018/19-3	Lab	method blank	2/1/2019	Organic	Benzo(a)pyrene	n/a	<	0.1	µg/L	EPA 8270C	0.1	0.1			
2018/19-3	Lab	LCS	2/1/2019	Organic	Benzo(a)pyrene	n/a	=	9.93	µg/L	EPA 8270C	0.1	0.1			
2018/19-3	Lab	LCS, rec	2/1/2019	Organic	Benzo(a)pyrene	n/a	=	99	%	EPA 8270C	-88	-88	12	131	
2018/19-3	Lab	LCS dup	2/1/2019	Organic	Benzo(a)pyrene	n/a	=	9.97	µg/L	EPA 8270C	0.1	0.1			
2018/19-3	Lab	LCS dup, rec	2/1/2019	Organic	Benzo(a)pyrene	n/a	=	100	%	EPA 8270C	-88	-88	12	131	
2018/19-3	Lab	LCS, RPD	2/1/2019	Organic	Benzo(a)pyrene	n/a	=	0.4	%	EPA 8270C	-88	-88	0	30	
2018/19-3	Lab	method blank	1/29/2019	Organic	Benzo(b)fluoranthene	n/a	<	0.14	µg/L	EPA 625	0.14	1			
2018/19-3	Lab	LCS	1/29/2019	Organic	Benzo(b)fluoranthene	n/a	=	25	µg/L	EPA 625	0.14	1			
2018/19-3	Lab	LCS, rec	1/29/2019	Organic	Benzo(b)fluoranthene	n/a	=	100	%	EPA 625	-88	-88	24	159	
2018/19-3	Lab	LCS dup	1/29/2019	Organic	Benzo(b)fluoranthene	n/a	=	24.2	µg/L	EPA 625	0.14	1			
2018/19-3	Lab	LCS dup, rec	1/29/2019	Organic	Benzo(b)fluoranthene	n/a	=	97	%	EPA 625	-88	-88	24	159	
2018/19-3	Lab	LCS, RPD	1/29/2019	Organic	Benzo(b)fluoranthene	n/a	=	4	%	EPA 625	-88	-88	0	30	
2018/19-3	Lab	method blank	2/1/2019	Organic	Benzo(b)fluoranthene	n/a	<	0.1	µg/L	EPA 8270C	0.1	0.1			
2018/19-3	Lab	LCS	2/1/2019	Organic	Benzo(b)fluoranthene	n/a	=	10.1	µg/L	EPA 8270C	0.1	0.1			
2018/19-3	Lab	LCS, rec	2/1/2019	Organic	Benzo(b)fluoranthene	n/a	=	101	%	EPA 8270C	-88	-88	19	129	

Appendix F
Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2018/19-3	Lab	LCS dup	2/1/2019	Organic	Benzo(b)fluoranthene	n/a	=	10.2	µg/L	EPA 8270C	0.1	0.1			
2018/19-3	Lab	LCS dup, rec	2/1/2019	Organic	Benzo(b)fluoranthene	n/a	=	102	%	EPA 8270C	-88	-88	19	129	
2018/19-3	Lab	LCS, RPD	2/1/2019	Organic	Benzo(b)fluoranthene	n/a	=	0.3	%	EPA 8270C	-88	-88	0	30	
2018/19-3	Lab	method blank	1/29/2019	Organic	Benzo(g,h,i)perylene	n/a	<	0.1	µg/L	EPA 625	0.1	2			
2018/19-3	Lab	LCS	1/29/2019	Organic	Benzo(g,h,i)perylene	n/a	=	25	µg/L	EPA 625	0.1	2			
2018/19-3	Lab	LCS, rec	1/29/2019	Organic	Benzo(g,h,i)perylene	n/a	=	100	%	EPA 625	-88	-88	0.1	219	
2018/19-3	Lab	LCS dup	1/29/2019	Organic	Benzo(g,h,i)perylene	n/a	=	24.5	µg/L	EPA 625	0.1	2			
2018/19-3	Lab	LCS dup, rec	1/29/2019	Organic	Benzo(g,h,i)perylene	n/a	=	98	%	EPA 625	-88	-88	0.1	219	
2018/19-3	Lab	LCS, RPD	1/29/2019	Organic	Benzo(g,h,i)perylene	n/a	=	2	%	EPA 625	-88	-88	0	30	
2018/19-3	Lab	method blank	2/1/2019	Organic	Benzo(g,h,i)perylene	n/a	<	0.1	µg/L	EPA 8270C	0.1	0.1			
2018/19-3	Lab	LCS	2/1/2019	Organic	Benzo(g,h,i)perylene	n/a	=	9.94	µg/L	EPA 8270C	0.1	0.1			
2018/19-3	Lab	LCS, rec	2/1/2019	Organic	Benzo(g,h,i)perylene	n/a	=	99	%	EPA 8270C	-88	-88	14	139	
2018/19-3	Lab	LCS dup	2/1/2019	Organic	Benzo(g,h,i)perylene	n/a	=	9.95	µg/L	EPA 8270C	0.1	0.1			
2018/19-3	Lab	LCS dup, rec	2/1/2019	Organic	Benzo(g,h,i)perylene	n/a	=	100	%	EPA 8270C	-88	-88	14	139	
2018/19-3	Lab	LCS, RPD	2/1/2019	Organic	Benzo(g,h,i)perylene	n/a	=	0.1	%	EPA 8270C	-88	-88	0	30	
2018/19-3	Lab	method blank	1/29/2019	Organic	Benzo(k)fluoranthene	n/a	<	0.22	µg/L	EPA 625	0.22	1			
2018/19-3	Lab	LCS	1/29/2019	Organic	Benzo(k)fluoranthene	n/a	=	24.3	µg/L	EPA 625	0.22	1			
2018/19-3	Lab	LCS, rec	1/29/2019	Organic	Benzo(k)fluoranthene	n/a	=	97	%	EPA 625	-88	-88	11	162	
2018/19-3	Lab	LCS dup	1/29/2019	Organic	Benzo(k)fluoranthene	n/a	=	23.6	µg/L	EPA 625	0.22	1			
2018/19-3	Lab	LCS dup, rec	1/29/2019	Organic	Benzo(k)fluoranthene	n/a	=	94	%	EPA 625	-88	-88	11	162	
2018/19-3	Lab	LCS, RPD	1/29/2019	Organic	Benzo(k)fluoranthene	n/a	=	3	%	EPA 625	-88	-88	0	30	
2018/19-3	Lab	method blank	2/1/2019	Organic	Benzo(k)fluoranthene	n/a	<	0.1	µg/L	EPA 8270C	0.1	0.1			
2018/19-3	Lab	LCS	2/1/2019	Organic	Benzo(k)fluoranthene	n/a	=	10.7	µg/L	EPA 8270C	0.1	0.1			
2018/19-3	Lab	LCS, rec	2/1/2019	Organic	Benzo(k)fluoranthene	n/a	=	107	%	EPA 8270C	-88	-88	22	127	
2018/19-3	Lab	LCS dup	2/1/2019	Organic	Benzo(k)fluoranthene	n/a	=	10.7	µg/L	EPA 8270C	0.1	0.1			
2018/19-3	Lab	LCS dup, rec	2/1/2019	Organic	Benzo(k)fluoranthene	n/a	=	107	%	EPA 8270C	-88	-88	22	127	
2018/19-3	Lab	LCS, RPD	2/1/2019	Organic	Benzo(k)fluoranthene	n/a	=	0.08	%	EPA 8270C	-88	-88	0	30	
2018/19-3	Lab	method blank	1/29/2019	Organic	Bis(2-chloroethoxy)methane	n/a	<	0.25	µg/L	EPA 625	0.25	1			
2018/19-3	Lab	LCS	1/29/2019	Organic	Bis(2-chloroethoxy)methane	n/a	=	24.4	µg/L	EPA 625	0.25	1			
2018/19-3	Lab	LCS, rec	1/29/2019	Organic	Bis(2-chloroethoxy)methane	n/a	=	98	%	EPA 625	-88	-88	33	184	
2018/19-3	Lab	LCS dup	1/29/2019	Organic	Bis(2-chloroethoxy)methane	n/a	=	19.2	µg/L	EPA 625	0.25	1			
2018/19-3	Lab	LCS dup, rec	1/29/2019	Organic	Bis(2-chloroethoxy)methane	n/a	=	77	%	EPA 625	-88	-88	33	184	
2018/19-3	Lab	LCS, RPD	1/29/2019	Organic	Bis(2-chloroethoxy)methane	n/a	=	24	%	EPA 625	-88	-88	0	30	
2018/19-3	Lab	method blank	1/29/2019	Organic	Bis(2-chloroethyl)ether	n/a	<	0.27	µg/L	EPA 625	0.27	1			
2018/19-3	Lab	LCS	1/29/2019	Organic	Bis(2-chloroethyl)ether	n/a	=	19.2	µg/L	EPA 625	0.27	1			
2018/19-3	Lab	LCS, rec	1/29/2019	Organic	Bis(2-chloroethyl)ether	n/a	=	77	%	EPA 625	-88	-88	12	158	
2018/19-3	Lab	LCS dup	1/29/2019	Organic	Bis(2-chloroethyl)ether	n/a	=	16.7	µg/L	EPA 625	0.27	1			
2018/19-3	Lab	LCS dup, rec	1/29/2019	Organic	Bis(2-chloroethyl)ether	n/a	=	67	%	EPA 625	-88	-88	12	158	
2018/19-3	Lab	LCS, RPD	1/29/2019	Organic	Bis(2-chloroethyl)ether	n/a	=	14	%	EPA 625	-88	-88	0	30	
2018/19-3	Lab	method blank	1/29/2019	Organic	Bis(2-chloroisopropyl)ether	n/a	<	0.38	µg/L	EPA 625	0.38	1			
2018/19-3	Lab	LCS	1/29/2019	Organic	Bis(2-chloroisopropyl)ether	n/a	=	26.5	µg/L	EPA 625	0.38	1			
2018/19-3	Lab	LCS, rec	1/29/2019	Organic	Bis(2-chloroisopropyl)ether	n/a	=	106	%	EPA 625	-88	-88	36	166	
2018/19-3	Lab	LCS dup	1/29/2019	Organic	Bis(2-chloroisopropyl)ether	n/a	=	22.4	µg/L	EPA 625	0.38	1			
2018/19-3	Lab	LCS dup, rec	1/29/2019	Organic	Bis(2-chloroisopropyl)ether	n/a	=	90	%	EPA 625	-88	-88	36	166	
2018/19-3	Lab	LCS, RPD	1/29/2019	Organic	Bis(2-chloroisopropyl)ether	n/a	=	17	%	EPA 625	-88	-88	0	30	
2018/19-3	Lab	method blank	2/1/2019	Organic	Bis(2-ethylhexyl)adipate	n/a	<	0.1	µg/L	EPA 525.2	0.1	5			
2018/19-3	Lab	LCS	2/1/2019	Organic	Bis(2-ethylhexyl)adipate	n/a	=	5.15	µg/L	EPA 525.2	0.1	5			

Appendix F
Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2018/19-3	Lab	LCS, rec	2/1/2019	Organic	Bis(2-ethylhexyl)adipate	n/a	=	103	%	EPA 525.2	-88	-88	70	130	
2018/19-3	Lab	LCS dup	2/1/2019	Organic	Bis(2-ethylhexyl)adipate	n/a	DNQ	4.99	µg/L	EPA 525.2	0.1	5			
2018/19-3	Lab	LCS dup, rec	2/1/2019	Organic	Bis(2-ethylhexyl)adipate	n/a	=	100	%	EPA 525.2	-88	-88	70	130	
2018/19-3	Lab	LCS, RPD	2/1/2019	Organic	Bis(2-ethylhexyl)adipate	n/a	=	3	%	EPA 525.2	-88	-88	0	30	
2018/19-3	Lab	method blank	1/29/2019	Organic	Bis(2-ethylhexyl)phthalate	n/a	<	2.3	µg/L	EPA 625	2.3	5			
2018/19-3	Lab	LCS	1/29/2019	Organic	Bis(2-ethylhexyl)phthalate	n/a	=	24.1	µg/L	EPA 625	2.3	5			
2018/19-3	Lab	LCS, rec	1/29/2019	Organic	Bis(2-ethylhexyl)phthalate	n/a	=	97	%	EPA 625	-88	-88	8	158	
2018/19-3	Lab	LCS dup	1/29/2019	Organic	Bis(2-ethylhexyl)phthalate	n/a	=	22.7	µg/L	EPA 625	2.3	5			
2018/19-3	Lab	LCS dup, rec	1/29/2019	Organic	Bis(2-ethylhexyl)phthalate	n/a	=	91	%	EPA 625	-88	-88	8	158	
2018/19-3	Lab	LCS, RPD	1/29/2019	Organic	Bis(2-ethylhexyl)phthalate	n/a	=	6	%	EPA 625	-88	-88	0	30	
2018/19-3	Lab	method blank	2/1/2019	Organic	Bis(2-ethylhexyl)phthalate	n/a	<	1.1	µg/L	EPA 525.2	1.1	3			
2018/19-3	Lab	LCS	2/1/2019	Organic	Bis(2-ethylhexyl)phthalate	n/a	=	5.33	µg/L	EPA 525.2	1.1	3			
2018/19-3	Lab	LCS, rec	2/1/2019	Organic	Bis(2-ethylhexyl)phthalate	n/a	=	107	%	EPA 525.2	-88	-88	70	130	
2018/19-3	Lab	LCS dup	2/1/2019	Organic	Bis(2-ethylhexyl)phthalate	n/a	=	5.14	µg/L	EPA 525.2	1.1	3			
2018/19-3	Lab	LCS dup, rec	2/1/2019	Organic	Bis(2-ethylhexyl)phthalate	n/a	=	103	%	EPA 525.2	-88	-88	70	130	
2018/19-3	Lab	LCS, RPD	2/1/2019	Organic	Bis(2-ethylhexyl)phthalate	n/a	=	4	%	EPA 525.2	-88	-88	0	30	
2018/19-3	Lab	method blank	1/29/2019	Organic	Butyl benzyl phthalate	n/a	<	0.18	µg/L	EPA 625	0.18	1			
2018/19-3	Lab	LCS	1/29/2019	Organic	Butyl benzyl phthalate	n/a	=	22.6	µg/L	EPA 625	0.18	1			
2018/19-3	Lab	LCS, rec	1/29/2019	Organic	Butyl benzyl phthalate	n/a	=	90	%	EPA 625	-88	-88	0.1	152	
2018/19-3	Lab	LCS dup	1/29/2019	Organic	Butyl benzyl phthalate	n/a	=	22.2	µg/L	EPA 625	0.18	1			
2018/19-3	Lab	LCS dup, rec	1/29/2019	Organic	Butyl benzyl phthalate	n/a	=	89	%	EPA 625	-88	-88	0.1	152	
2018/19-3	Lab	LCS, RPD	1/29/2019	Organic	Butyl benzyl phthalate	n/a	=	2	%	EPA 625	-88	-88	0	30	
2018/19-3	Lab	method blank	1/29/2019	Organic	Chrysene	n/a	<	0.19	µg/L	EPA 625	0.19	1			
2018/19-3	Lab	LCS	1/29/2019	Organic	Chrysene	n/a	=	25	µg/L	EPA 625	0.19	1			
2018/19-3	Lab	LCS, rec	1/29/2019	Organic	Chrysene	n/a	=	100	%	EPA 625	-88	-88	17	168	
2018/19-3	Lab	LCS dup	1/29/2019	Organic	Chrysene	n/a	=	24.6	µg/L	EPA 625	0.19	1			
2018/19-3	Lab	LCS dup, rec	1/29/2019	Organic	Chrysene	n/a	=	99	%	EPA 625	-88	-88	17	168	
2018/19-3	Lab	LCS, RPD	1/29/2019	Organic	Chrysene	n/a	=	2	%	EPA 625	-88	-88	0	30	
2018/19-3	Lab	method blank	2/1/2019	Organic	Chrysene	n/a	<	0.1	µg/L	EPA 8270C	0.1	0.1			
2018/19-3	Lab	LCS	2/1/2019	Organic	Chrysene	n/a	=	11.8	µg/L	EPA 8270C	0.1	0.1			
2018/19-3	Lab	LCS, rec	2/1/2019	Organic	Chrysene	n/a	=	118	%	EPA 8270C	-88	-88	32	126	
2018/19-3	Lab	LCS dup	2/1/2019	Organic	Chrysene	n/a	=	11.8	µg/L	EPA 8270C	0.1	0.1			
2018/19-3	Lab	LCS dup, rec	2/1/2019	Organic	Chrysene	n/a	=	118	%	EPA 8270C	-88	-88	32	126	
2018/19-3	Lab	LCS, RPD	2/1/2019	Organic	Chrysene	n/a	=	0.1	%	EPA 8270C	-88	-88	0	30	
2018/19-3	Lab	method blank	1/29/2019	Organic	Dibenz(a,h)anthracene	n/a	<	0.08	µg/L	EPA 625	0.08	2			
2018/19-3	Lab	LCS	1/29/2019	Organic	Dibenz(a,h)anthracene	n/a	=	16.4	µg/L	EPA 625	0.08	2			
2018/19-3	Lab	LCS, rec	1/29/2019	Organic	Dibenz(a,h)anthracene	n/a	=	66	%	EPA 625	-88	-88	0.1	227	
2018/19-3	Lab	LCS dup	1/29/2019	Organic	Dibenz(a,h)anthracene	n/a	=	16.1	µg/L	EPA 625	0.08	2			
2018/19-3	Lab	LCS dup, rec	1/29/2019	Organic	Dibenz(a,h)anthracene	n/a	=	64	%	EPA 625	-88	-88	0.1	227	
2018/19-3	Lab	LCS, RPD	1/29/2019	Organic	Dibenz(a,h)anthracene	n/a	=	2	%	EPA 625	-88	-88	0	30	
2018/19-3	Lab	method blank	2/1/2019	Organic	Dibenz(a,h)anthracene	n/a	<	0.1	µg/L	EPA 8270C	0.1	0.1			
2018/19-3	Lab	LCS	2/1/2019	Organic	Dibenz(a,h)anthracene	n/a	=	6.52	µg/L	EPA 8270C	0.1	0.1			
2018/19-3	Lab	LCS, rec	2/1/2019	Organic	Dibenz(a,h)anthracene	n/a	=	65	%	EPA 8270C	-88	-88	9	147	
2018/19-3	Lab	LCS dup	2/1/2019	Organic	Dibenz(a,h)anthracene	n/a	=	6.59	µg/L	EPA 8270C	0.1	0.1			
2018/19-3	Lab	LCS dup, rec	2/1/2019	Organic	Dibenz(a,h)anthracene	n/a	=	66	%	EPA 8270C	-88	-88	9	147	
2018/19-3	Lab	LCS, RPD	2/1/2019	Organic	Dibenz(a,h)anthracene	n/a	=	1	%	EPA 8270C	-88	-88	0	30	
2018/19-3	Lab	method blank	1/29/2019	Organic	Diethyl phthalate	n/a	<	0.15	µg/L	EPA 625	0.15	1			

Appendix F
Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2018/19-3	Lab	LCS	1/29/2019	Organic	Diethyl phthalate	n/a	=	23.7	µg/L	EPA 625	0.15	1			
2018/19-3	Lab	LCS, rec	1/29/2019	Organic	Diethyl phthalate	n/a	=	95	%	EPA 625	-88	-88	0.1	114	
2018/19-3	Lab	LCS dup	1/29/2019	Organic	Diethyl phthalate	n/a	=	21.5	µg/L	EPA 625	0.15	1			
2018/19-3	Lab	LCS dup, rec	1/29/2019	Organic	Diethyl phthalate	n/a	=	86	%	EPA 625	-88	-88	0.1	114	
2018/19-3	Lab	LCS, RPD	1/29/2019	Organic	Diethyl phthalate	n/a	=	10	%	EPA 625	-88	-88	0	30	
2018/19-3	Lab	method blank	1/29/2019	Organic	Dimethyl phthalate	n/a	<	0.18	µg/L	EPA 625	0.18	1			
2018/19-3	Lab	LCS	1/29/2019	Organic	Dimethyl phthalate	n/a	=	21.4	µg/L	EPA 625	0.18	1			
2018/19-3	Lab	LCS, rec	1/29/2019	Organic	Dimethyl phthalate	n/a	=	86	%	EPA 625	-88	-88	0.1	112	
2018/19-3	Lab	LCS dup	1/29/2019	Organic	Dimethyl phthalate	n/a	=	18.5	µg/L	EPA 625	0.18	1			
2018/19-3	Lab	LCS dup, rec	1/29/2019	Organic	Dimethyl phthalate	n/a	=	74	%	EPA 625	-88	-88	0.1	112	
2018/19-3	Lab	LCS, RPD	1/29/2019	Organic	Dimethyl phthalate	n/a	=	15	%	EPA 625	-88	-88	0	30	
2018/19-3	Lab	method blank	1/29/2019	Organic	Di-n-butylphthalate	n/a	<	0.24	µg/L	EPA 625	0.24	1			
2018/19-3	Lab	LCS	1/29/2019	Organic	Di-n-butylphthalate	n/a	=	26.4	µg/L	EPA 625	0.24	1			
2018/19-3	Lab	LCS, rec	1/29/2019	Organic	Di-n-butylphthalate	n/a	=	106	%	EPA 625	-88	-88	1	118	
2018/19-3	Lab	LCS dup	1/29/2019	Organic	Di-n-butylphthalate	n/a	=	25.5	µg/L	EPA 625	0.24	1			
2018/19-3	Lab	LCS dup, rec	1/29/2019	Organic	Di-n-butylphthalate	n/a	=	102	%	EPA 625	-88	-88	1	118	
2018/19-3	Lab	LCS, RPD	1/29/2019	Organic	Di-n-butylphthalate	n/a	=	3	%	EPA 625	-88	-88	0	30	
2018/19-3	Lab	method blank	1/29/2019	Organic	Di-n-octylphthalate	n/a	<	0.19	µg/L	EPA 625	0.19	1			
2018/19-3	Lab	LCS	1/29/2019	Organic	Di-n-octylphthalate	n/a	=	24.3	µg/L	EPA 625	0.19	1			
2018/19-3	Lab	LCS, rec	1/29/2019	Organic	Di-n-octylphthalate	n/a	=	97	%	EPA 625	-88	-88	4	146	
2018/19-3	Lab	LCS dup	1/29/2019	Organic	Di-n-octylphthalate	n/a	=	23.8	µg/L	EPA 625	0.19	1			
2018/19-3	Lab	LCS dup, rec	1/29/2019	Organic	Di-n-octylphthalate	n/a	=	95	%	EPA 625	-88	-88	4	146	
2018/19-3	Lab	LCS, RPD	1/29/2019	Organic	Di-n-octylphthalate	n/a	=	2	%	EPA 625	-88	-88	0	30	
2018/19-3	Lab	method blank	1/29/2019	Organic	Fluoranthene	n/a	<	0.22	µg/L	EPA 625	0.22	1			
2018/19-3	Lab	LCS	1/29/2019	Organic	Fluoranthene	n/a	=	23.8	µg/L	EPA 625	0.22	1			
2018/19-3	Lab	LCS, rec	1/29/2019	Organic	Fluoranthene	n/a	=	95	%	EPA 625	-88	-88	26	137	
2018/19-3	Lab	LCS dup	1/29/2019	Organic	Fluoranthene	n/a	=	23.1	µg/L	EPA 625	0.22	1			
2018/19-3	Lab	LCS dup, rec	1/29/2019	Organic	Fluoranthene	n/a	=	92	%	EPA 625	-88	-88	26	137	
2018/19-3	Lab	LCS, RPD	1/29/2019	Organic	Fluoranthene	n/a	=	3	%	EPA 625	-88	-88	0	30	
2018/19-3	Lab	method blank	2/1/2019	Organic	Fluoranthene	n/a	<	0.1	µg/L	EPA 8270C	0.1	0.1			
2018/19-3	Lab	LCS	2/1/2019	Organic	Fluoranthene	n/a	=	10.1	µg/L	EPA 8270C	0.1	0.1			
2018/19-3	Lab	LCS, rec	2/1/2019	Organic	Fluoranthene	n/a	=	101	%	EPA 8270C	-88	-88	22	131	
2018/19-3	Lab	LCS dup	2/1/2019	Organic	Fluoranthene	n/a	=	10.1	µg/L	EPA 8270C	0.1	0.1			
2018/19-3	Lab	LCS dup, rec	2/1/2019	Organic	Fluoranthene	n/a	=	101	%	EPA 8270C	-88	-88	22	131	
2018/19-3	Lab	LCS, RPD	2/1/2019	Organic	Fluoranthene	n/a	=	0.008	%	EPA 8270C	-88	-88	0	30	
2018/19-3	Lab	method blank	1/29/2019	Organic	Fluorene	n/a	<	0.35	µg/L	EPA 625	0.35	1			
2018/19-3	Lab	LCS	1/29/2019	Organic	Fluorene	n/a	=	22.4	µg/L	EPA 625	0.35	1			
2018/19-3	Lab	LCS, rec	1/29/2019	Organic	Fluorene	n/a	=	90	%	EPA 625	-88	-88	59	121	
2018/19-3	Lab	LCS dup	1/29/2019	Organic	Fluorene	n/a	=	18.7	µg/L	EPA 625	0.35	1			
2018/19-3	Lab	LCS dup, rec	1/29/2019	Organic	Fluorene	n/a	=	75	%	EPA 625	-88	-88	59	121	
2018/19-3	Lab	LCS, RPD	1/29/2019	Organic	Fluorene	n/a	=	18	%	EPA 625	-88	-88	0	30	
2018/19-3	Lab	method blank	2/1/2019	Organic	Fluorene	n/a	<	0.1	µg/L	EPA 8270C	0.1	0.1			
2018/19-3	Lab	LCS	2/1/2019	Organic	Fluorene	n/a	=	8.58	µg/L	EPA 8270C	0.1	0.1			
2018/19-3	Lab	LCS, rec	2/1/2019	Organic	Fluorene	n/a	=	86	%	EPA 8270C	-88	-88	19	122	
2018/19-3	Lab	LCS dup	2/1/2019	Organic	Fluorene	n/a	=	8.38	µg/L	EPA 8270C	0.1	0.1			
2018/19-3	Lab	LCS dup, rec	2/1/2019	Organic	Fluorene	n/a	=	84	%	EPA 8270C	-88	-88	19	122	
2018/19-3	Lab	LCS, RPD	2/1/2019	Organic	Fluorene	n/a	=	2	%	EPA 8270C	-88	-88	0	30	

Appendix F
Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2018/19-3	Lab	method blank	1/29/2019	Organic	Hexachlorobenzene	n/a	<	0.49	µg/L	EPA 625	0.49	1			
2018/19-3	Lab	LCS	1/29/2019	Organic	Hexachlorobenzene	n/a	=	21.6	µg/L	EPA 625	0.49	1			
2018/19-3	Lab	LCS, rec	1/29/2019	Organic	Hexachlorobenzene	n/a	=	86	%	EPA 625	-88	-88	0.1	152	
2018/19-3	Lab	LCS dup	1/29/2019	Organic	Hexachlorobenzene	n/a	=	19.8	µg/L	EPA 625	0.49	1			
2018/19-3	Lab	LCS dup, rec	1/29/2019	Organic	Hexachlorobenzene	n/a	=	79	%	EPA 625	-88	-88	0.1	152	
2018/19-3	Lab	LCS, RPD	1/29/2019	Organic	Hexachlorobenzene	n/a	=	9	%	EPA 625	-88	-88	0	30	
2018/19-3	Lab	method blank	1/29/2019	Organic	Hexachlorobutadiene	n/a	<	0.47	µg/L	EPA 625	0.47	1			
2018/19-3	Lab	LCS	1/29/2019	Organic	Hexachlorobutadiene	n/a	=	16.8	µg/L	EPA 625	0.47	1			
2018/19-3	Lab	LCS, rec	1/29/2019	Organic	Hexachlorobutadiene	n/a	=	67	%	EPA 625	-88	-88	24	116	
2018/19-3	Lab	LCS dup	1/29/2019	Organic	Hexachlorobutadiene	n/a	=	16.3	µg/L	EPA 625	0.47	1			
2018/19-3	Lab	LCS dup, rec	1/29/2019	Organic	Hexachlorobutadiene	n/a	=	65	%	EPA 625	-88	-88	24	116	
2018/19-3	Lab	LCS, RPD	1/29/2019	Organic	Hexachlorobutadiene	n/a	=	3	%	EPA 625	-88	-88	0	30	
2018/19-3	Lab	method blank	1/29/2019	Organic	Hexachlorocyclopentadiene	n/a	<	1.5	µg/L	EPA 625	1.5	5			
2018/19-3	Lab	LCS	1/29/2019	Organic	Hexachlorocyclopentadiene	n/a	=	12.9	µg/L	EPA 625	1.5	5			
2018/19-3	Lab	LCS, rec	1/29/2019	Organic	Hexachlorocyclopentadiene	n/a	=	52	%	EPA 625	-88	-88	0.1	81	
2018/19-3	Lab	LCS dup	1/29/2019	Organic	Hexachlorocyclopentadiene	n/a	=	11	µg/L	EPA 625	1.5	5			
2018/19-3	Lab	LCS dup, rec	1/29/2019	Organic	Hexachlorocyclopentadiene	n/a	=	44	%	EPA 625	-88	-88	0.1	81	
2018/19-3	Lab	LCS, RPD	1/29/2019	Organic	Hexachlorocyclopentadiene	n/a	=	16	%	EPA 625	-88	-88	0	30	
2018/19-3	Lab	method blank	1/29/2019	Organic	Hexachloroethane	n/a	<	0.52	µg/L	EPA 625	0.52	1			
2018/19-3	Lab	LCS	1/29/2019	Organic	Hexachloroethane	n/a	=	17.1	µg/L	EPA 625	0.52	1			
2018/19-3	Lab	LCS, rec	1/29/2019	Organic	Hexachloroethane	n/a	=	68	%	EPA 625	-88	-88	40	113	
2018/19-3	Lab	LCS dup	1/29/2019	Organic	Hexachloroethane	n/a	=	17.3	µg/L	EPA 625	0.52	1			
2018/19-3	Lab	LCS dup, rec	1/29/2019	Organic	Hexachloroethane	n/a	=	69	%	EPA 625	-88	-88	40	113	
2018/19-3	Lab	LCS, RPD	1/29/2019	Organic	Hexachloroethane	n/a	=	0.8	%	EPA 625	-88	-88	0	30	
2018/19-3	Lab	method blank	1/29/2019	Organic	Indeno(1,2,3-cd)pyrene	n/a	<	0.12	µg/L	EPA 625	0.12	2			
2018/19-3	Lab	LCS	1/29/2019	Organic	Indeno(1,2,3-cd)pyrene	n/a	=	24.8	µg/L	EPA 625	0.12	2			
2018/19-3	Lab	LCS, rec	1/29/2019	Organic	Indeno(1,2,3-cd)pyrene	n/a	=	99	%	EPA 625	-88	-88	0.1	171	
2018/19-3	Lab	LCS dup	1/29/2019	Organic	Indeno(1,2,3-cd)pyrene	n/a	=	24.3	µg/L	EPA 625	0.12	2			
2018/19-3	Lab	LCS dup, rec	1/29/2019	Organic	Indeno(1,2,3-cd)pyrene	n/a	=	97	%	EPA 625	-88	-88	0.1	171	
2018/19-3	Lab	LCS, RPD	1/29/2019	Organic	Indeno(1,2,3-cd)pyrene	n/a	=	2	%	EPA 625	-88	-88	0	30	
2018/19-3	Lab	method blank	2/1/2019	Organic	Indeno(1,2,3-cd)pyrene	n/a	<	0.1	µg/L	EPA 8270C	0.1	0.1			
2018/19-3	Lab	LCS	2/1/2019	Organic	Indeno(1,2,3-cd)pyrene	n/a	=	9.89	µg/L	EPA 8270C	0.1	0.1			
2018/19-3	Lab	LCS, rec	2/1/2019	Organic	Indeno(1,2,3-cd)pyrene	n/a	=	99	%	EPA 8270C	-88	-88	12	136	
2018/19-3	Lab	LCS dup	2/1/2019	Organic	Indeno(1,2,3-cd)pyrene	n/a	=	9.99	µg/L	EPA 8270C	0.1	0.1			
2018/19-3	Lab	LCS dup, rec	2/1/2019	Organic	Indeno(1,2,3-cd)pyrene	n/a	=	100	%	EPA 8270C	-88	-88	12	136	
2018/19-3	Lab	LCS, RPD	2/1/2019	Organic	Indeno(1,2,3-cd)pyrene	n/a	=	1	%	EPA 8270C	-88	-88	0	30	
2018/19-3	Lab	method blank	1/29/2019	Organic	Isophorone	n/a	<	0.21	µg/L	EPA 625	0.21	1			
2018/19-3	Lab	LCS	1/29/2019	Organic	Isophorone	n/a	=	27.8	µg/L	EPA 625	0.21	1			
2018/19-3	Lab	LCS, rec	1/29/2019	Organic	Isophorone	n/a	=	111	%	EPA 625	-88	-88	21	196	
2018/19-3	Lab	LCS dup	1/29/2019	Organic	Isophorone	n/a	=	20.8	µg/L	EPA 625	0.21	1			
2018/19-3	Lab	LCS dup, rec	1/29/2019	Organic	Isophorone	n/a	=	83	%	EPA 625	-88	-88	21	196	
2018/19-3	Lab	LCS, RPD	1/29/2019	Organic	Isophorone	n/a	=	28	%	EPA 625	-88	-88	0	30	
2018/19-3	Lab	LCS	1/8/2019	Organic	Methyl tert-butyl ether (MTBE)	n/a	=	51	µg/L	EPA 624	0.25	1			
2018/19-3	Lab	LCS, rec	1/8/2019	Organic	Methyl tert-butyl ether (MTBE)	n/a	=	102	%	EPA 624	-88	-88	80	128	
2018/19-3	Lab	LCS dup	1/8/2019	Organic	Methyl tert-butyl ether (MTBE)	n/a	=	51.8	µg/L	EPA 624	0.25	1			
2018/19-3	Lab	LCS dup, rec	1/8/2019	Organic	Methyl tert-butyl ether (MTBE)	n/a	=	104	%	EPA 624	-88	-88	80	128	
2018/19-3	Lab	LCS, RPD	1/8/2019	Organic	Methyl tert-butyl ether (MTBE)	n/a	=	2	%	EPA 624	-88	-88	0	25	

Appendix F
Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2018/19-3	Lab	method blank	1/8/2019	Organic	Methyl tert-butyl ether (MTBE)	n/a	<	0.25	µg/L	EPA 624	0.25	1			
2018/19-3	MO-OJA	field duplicate	1/8/2019	Organic	Methyl tert-butyl ether (MTBE)	n/a	<	0.25	µg/L	EPA 624	0.25	1			
2018/19-3	MO-THO	matrix spike	1/8/2019	Organic	Methyl tert-butyl ether (MTBE)	n/a	=	49.7	µg/L	EPA 624	0.25	1			
2018/19-3	MO-THO	matrix spike, rec	1/8/2019	Organic	Methyl tert-butyl ether (MTBE)	n/a	=	99	%	EPA 624	-88	-88	80	128	
2018/19-3	MO-THO	matrix spike dup	1/8/2019	Organic	Methyl tert-butyl ether (MTBE)	n/a	=	48.2	µg/L	EPA 624	0.25	1			
2018/19-3	MO-THO	matrix spike dup, rec	1/8/2019	Organic	Methyl tert-butyl ether (MTBE)	n/a	=	96	%	EPA 624	-88	-88	80	128	
2018/19-3	MO-THO	matrix spike, RPD	1/8/2019	Organic	Methyl tert-butyl ether (MTBE)	n/a	=	3	%	EPA 624	-88	-88	0	25	
2018/19-3	Lab	method blank	1/29/2019	Organic	Naphthalene	n/a	<	0.49	µg/L	EPA 625	0.49	1			
2018/19-3	Lab	LCS	1/29/2019	Organic	Naphthalene	n/a	=	19.4	µg/L	EPA 625	0.49	1			
2018/19-3	Lab	LCS, rec	1/29/2019	Organic	Naphthalene	n/a	=	77	%	EPA 625	-88	-88	21	133	
2018/19-3	Lab	LCS dup	1/29/2019	Organic	Naphthalene	n/a	=	16.7	µg/L	EPA 625	0.49	1			
2018/19-3	Lab	LCS dup, rec	1/29/2019	Organic	Naphthalene	n/a	=	67	%	EPA 625	-88	-88	21	133	
2018/19-3	Lab	LCS, RPD	1/29/2019	Organic	Naphthalene	n/a	=	15	%	EPA 625	-88	-88	0	30	
2018/19-3	Lab	method blank	2/1/2019	Organic	Naphthalene	n/a	<	0.042	µg/L	EPA 525.2	0.042	-88			
2018/19-3	Lab	LCS	2/1/2019	Organic	Naphthalene	n/a	=	4.65	µg/L	EPA 525.2	0.042	-88			
2018/19-3	Lab	LCS, rec	2/1/2019	Organic	Naphthalene	n/a	=	93	%	EPA 525.2	-88	-88	75	116	
2018/19-3	Lab	LCS dup	2/1/2019	Organic	Naphthalene	n/a	=	4.32	µg/L	EPA 525.2	0.042	-88			
2018/19-3	Lab	LCS dup, rec	2/1/2019	Organic	Naphthalene	n/a	=	86	%	EPA 525.2	-88	-88	75	116	
2018/19-3	Lab	LCS, RPD	2/1/2019	Organic	Naphthalene	n/a	=	7	%	EPA 525.2	-88	-88	0	30	
2018/19-3	Lab	method blank	2/1/2019	Organic	Naphthalene	n/a	<	0.1	µg/L	EPA 8270C	0.1	0.1			
2018/19-3	Lab	LCS	2/1/2019	Organic	Naphthalene	n/a	=	8.63	µg/L	EPA 8270C	0.1	0.1			
2018/19-3	Lab	LCS, rec	2/1/2019	Organic	Naphthalene	n/a	=	86	%	EPA 8270C	-88	-88	12	136	
2018/19-3	Lab	LCS dup	2/1/2019	Organic	Naphthalene	n/a	=	7.95	µg/L	EPA 8270C	0.1	0.1			
2018/19-3	Lab	LCS dup, rec	2/1/2019	Organic	Naphthalene	n/a	=	80	%	EPA 8270C	-88	-88	12	136	
2018/19-3	Lab	LCS, RPD	2/1/2019	Organic	Naphthalene	n/a	=	8	%	EPA 8270C	-88	-88	0	30	
2018/19-3	Lab	method blank	1/29/2019	Organic	Nitrobenzene	n/a	<	0.36	µg/L	EPA 625	0.36	1			
2018/19-3	Lab	LCS	1/29/2019	Organic	Nitrobenzene	n/a	=	20.4	µg/L	EPA 625	0.36	1			
2018/19-3	Lab	LCS, rec	1/29/2019	Organic	Nitrobenzene	n/a	=	82	%	EPA 625	-88	-88	35	180	
2018/19-3	Lab	LCS dup	1/29/2019	Organic	Nitrobenzene	n/a	=	17.3	µg/L	EPA 625	0.36	1			
2018/19-3	Lab	LCS dup, rec	1/29/2019	Organic	Nitrobenzene	n/a	=	69	%	EPA 625	-88	-88	35	180	
2018/19-3	Lab	LCS, RPD	1/29/2019	Organic	Nitrobenzene	n/a	=	17	%	EPA 625	-88	-88	0	30	
2018/19-3	Lab	srgt method blank	1/29/2019	Organic	Nitrobenzene-d5	n/a	=	17.1	µg/L	EPA 625	-88	-88			
2018/19-3	Lab	srgt method blank, rec	1/29/2019	Organic	Nitrobenzene-d5	n/a	=	68	%	EPA 625	-88	-88	27	111	
2018/19-3	Lab	srgt LCS	1/29/2019	Organic	Nitrobenzene-d5	n/a	=	19.3	µg/L	EPA 625	-88	-88			
2018/19-3	Lab	srgt LCS, rec	1/29/2019	Organic	Nitrobenzene-d5	n/a	=	77	%	EPA 625	-88	-88	27	111	
2018/19-3	Lab	srgt LCS dup	1/29/2019	Organic	Nitrobenzene-d5	n/a	=	16.4	µg/L	EPA 625	-88	-88			
2018/19-3	Lab	srgt LCS dup, rec	1/29/2019	Organic	Nitrobenzene-d5	n/a	=	66	%	EPA 625	-88	-88	27	111	
2018/19-3	Lab	srgt method blank	2/1/2019	Organic	Nitrobenzene-d5	n/a	=	3.53	µg/L	EPA 8270C	-88	-88			
2018/19-3	Lab	srgt method blank, rec	2/1/2019	Organic	Nitrobenzene-d5	n/a	=	71	%	EPA 8270C	-88	-88	51	143	
2018/19-3	Lab	srgt LCS	2/1/2019	Organic	Nitrobenzene-d5	n/a	=	4.64	µg/L	EPA 8270C	-88	-88			
2018/19-3	Lab	srgt LCS, rec	2/1/2019	Organic	Nitrobenzene-d5	n/a	=	93	%	EPA 8270C	-88	-88	51	143	
2018/19-3	Lab	srgt LCS dup	2/1/2019	Organic	Nitrobenzene-d5	n/a	=	4.47	µg/L	EPA 8270C	-88	-88			
2018/19-3	Lab	srgt LCS dup, rec	2/1/2019	Organic	Nitrobenzene-d5	n/a	=	89	%	EPA 8270C	-88	-88	51	143	
2018/19-3	ME-CC	srgt environ	1/30/2019	Organic	Nitrobenzene-d5	n/a	=	15.2	µg/L	EPA 625	-88	-88			
2018/19-3	ME-CC	srgt environ, rec	1/30/2019	Organic	Nitrobenzene-d5	n/a	=	61	%	EPA 625	-88	-88	27	111	
2018/19-3	ME-CC	srgt environ	2/1/2019	Organic	Nitrobenzene-d5	n/a	=	4.26	µg/L	EPA 8270C	-88	-88			
2018/19-3	ME-CC	srgt environ, rec	2/1/2019	Organic	Nitrobenzene-d5	n/a	=	85	%	EPA 8270C	-88	-88	51	143	

Appendix F
Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2018/19-3	ME-SCR	srgt environ	1/30/2019	Organic	Nitrobenzene-d5	n/a	=	19.2	µg/L	EPA 625	-88	-88			
2018/19-3	ME-SCR	srgt environ, rec	1/30/2019	Organic	Nitrobenzene-d5	n/a	=	77	%	EPA 625	-88	-88	27	111	
2018/19-3	ME-SCR	srgt environ	2/1/2019	Organic	Nitrobenzene-d5	n/a	=	4.25	µg/L	EPA 8270C	-88	-88			
2018/19-3	ME-SCR	srgt environ, rec	2/1/2019	Organic	Nitrobenzene-d5	n/a	=	85	%	EPA 8270C	-88	-88	51	143	
2018/19-3	ME-VR2	srgt environ	1/30/2019	Organic	Nitrobenzene-d5	n/a	=	16.3	µg/L	EPA 625	-88	-88			
2018/19-3	ME-VR2	srgt environ, rec	1/30/2019	Organic	Nitrobenzene-d5	n/a	=	65	%	EPA 625	-88	-88	27	111	
2018/19-3	ME-VR2	srgt environ	2/1/2019	Organic	Nitrobenzene-d5	n/a	=	4.43	µg/L	EPA 8270C	-88	-88			
2018/19-3	ME-VR2	srgt environ, rec	2/1/2019	Organic	Nitrobenzene-d5	n/a	=	89	%	EPA 8270C	-88	-88	51	143	
2018/19-3	MO-CAM	srgt environ	1/30/2019	Organic	Nitrobenzene-d5	n/a	=	18.7	µg/L	EPA 625	-88	-88			
2018/19-3	MO-CAM	srgt environ, rec	1/30/2019	Organic	Nitrobenzene-d5	n/a	=	75	%	EPA 625	-88	-88	27	111	
2018/19-3	MO-CAM	srgt environ	2/1/2019	Organic	Nitrobenzene-d5	n/a	=	3.83	µg/L	EPA 8270C	-88	-88			
2018/19-3	MO-CAM	srgt environ, rec	2/1/2019	Organic	Nitrobenzene-d5	n/a	=	77	%	EPA 8270C	-88	-88	51	143	
2018/19-3	MO-FIL	srgt environ	1/30/2019	Organic	Nitrobenzene-d5	n/a	=	19.5	µg/L	EPA 625	-88	-88			
2018/19-3	MO-FIL	srgt environ, rec	1/30/2019	Organic	Nitrobenzene-d5	n/a	=	78	%	EPA 625	-88	-88	27	111	
2018/19-3	MO-FIL	srgt environ	2/2/2019	Organic	Nitrobenzene-d5	n/a	=	3.99	µg/L	EPA 8270C	-88	-88			
2018/19-3	MO-FIL	srgt environ, rec	2/2/2019	Organic	Nitrobenzene-d5	n/a	=	80	%	EPA 8270C	-88	-88	51	143	
2018/19-3	MO-HUE	srgt environ	1/30/2019	Organic	Nitrobenzene-d5	n/a	=	15.7	µg/L	EPA 625	-88	-88			
2018/19-3	MO-HUE	srgt environ, rec	1/30/2019	Organic	Nitrobenzene-d5	n/a	=	63	%	EPA 625	-88	-88	27	111	
2018/19-3	MO-HUE	srgt environ	2/2/2019	Organic	Nitrobenzene-d5	n/a	=	3.87	µg/L	EPA 8270C	-88	-88			
2018/19-3	MO-HUE	srgt environ, rec	2/2/2019	Organic	Nitrobenzene-d5	n/a	=	77	%	EPA 8270C	-88	-88	51	143	
2018/19-3	MO-MEI	srgt environ	1/30/2019	Organic	Nitrobenzene-d5	n/a	=	14.1	µg/L	EPA 625	-88	-88			
2018/19-3	MO-MEI	srgt environ, rec	1/30/2019	Organic	Nitrobenzene-d5	n/a	=	56	%	EPA 625	-88	-88	27	111	
2018/19-3	MO-MEI	srgt environ	2/1/2019	Organic	Nitrobenzene-d5	n/a	=	3.78	µg/L	EPA 8270C	-88	-88			
2018/19-3	MO-MEI	srgt environ, rec	2/1/2019	Organic	Nitrobenzene-d5	n/a	=	76	%	EPA 8270C	-88	-88	51	143	
2018/19-3	MO-MPK	srgt environ	1/30/2019	Organic	Nitrobenzene-d5	n/a	=	18.1	µg/L	EPA 625	-88	-88			
2018/19-3	MO-MPK	srgt environ, rec	1/30/2019	Organic	Nitrobenzene-d5	n/a	=	72	%	EPA 625	-88	-88	27	111	
2018/19-3	MO-MPK	srgt environ	2/2/2019	Organic	Nitrobenzene-d5	n/a	=	3.25	µg/L	EPA 8270C	-88	-88			
2018/19-3	MO-MPK	srgt environ, rec	2/2/2019	Organic	Nitrobenzene-d5	n/a	=	65	%	EPA 8270C	-88	-88	51	143	
2018/19-3	MO-OJA	srgt environ	1/30/2019	Organic	Nitrobenzene-d5	n/a	=	16.1	µg/L	EPA 625	-88	-88			
2018/19-3	MO-OJA	srgt environ, rec	1/30/2019	Organic	Nitrobenzene-d5	n/a	=	64	%	EPA 625	-88	-88	27	111	
2018/19-3	MO-OJA	srgt environ	2/1/2019	Organic	Nitrobenzene-d5	n/a	=	4.33	µg/L	EPA 8270C	-88	-88			
2018/19-3	MO-OJA	srgt environ, rec	2/1/2019	Organic	Nitrobenzene-d5	n/a	=	87	%	EPA 8270C	-88	-88	51	143	
2018/19-3	MO-OXN	srgt environ	1/30/2019	Organic	Nitrobenzene-d5	n/a	=	19.7	µg/L	EPA 625	-88	-88			
2018/19-3	MO-OXN	srgt environ, rec	1/30/2019	Organic	Nitrobenzene-d5	n/a	=	79	%	EPA 625	-88	-88	27	111	
2018/19-3	MO-OXN	srgt environ	2/2/2019	Organic	Nitrobenzene-d5	n/a	=	4.01	µg/L	EPA 8270C	-88	-88			
2018/19-3	MO-OXN	srgt environ, rec	2/2/2019	Organic	Nitrobenzene-d5	n/a	=	80	%	EPA 8270C	-88	-88	51	143	
2018/19-3	MO-SIM	srgt environ	1/30/2019	Organic	Nitrobenzene-d5	n/a	=	17.9	µg/L	EPA 625	-88	-88			
2018/19-3	MO-SIM	srgt environ, rec	1/30/2019	Organic	Nitrobenzene-d5	n/a	=	72	%	EPA 625	-88	-88	27	111	
2018/19-3	MO-SIM	srgt environ	2/2/2019	Organic	Nitrobenzene-d5	n/a	=	4.14	µg/L	EPA 8270C	-88	-88			
2018/19-3	MO-SIM	srgt environ, rec	2/2/2019	Organic	Nitrobenzene-d5	n/a	=	83	%	EPA 8270C	-88	-88	51	143	
2018/19-3	MO-SPA	srgt environ	1/30/2019	Organic	Nitrobenzene-d5	n/a	=	18	µg/L	EPA 625	-88	-88			
2018/19-3	MO-SPA	srgt environ, rec	1/30/2019	Organic	Nitrobenzene-d5	n/a	=	72	%	EPA 625	-88	-88	27	111	
2018/19-3	MO-SPA	srgt environ	2/2/2019	Organic	Nitrobenzene-d5	n/a	=	3.5	µg/L	EPA 8270C	-88	-88			
2018/19-3	MO-SPA	srgt environ, rec	2/2/2019	Organic	Nitrobenzene-d5	n/a	=	70	%	EPA 8270C	-88	-88	51	143	
2018/19-3	MO-THO	srgt environ	1/30/2019	Organic	Nitrobenzene-d5	n/a	=	21.4	µg/L	EPA 625	-88	-88			
2018/19-3	MO-THO	srgt environ, rec	1/30/2019	Organic	Nitrobenzene-d5	n/a	=	85	%	EPA 625	-88	-88	27	111	
2018/19-3	MO-THO	srgt environ	2/2/2019	Organic	Nitrobenzene-d5	n/a	=	3.63	µg/L	EPA 8270C	-88	-88			

Appendix F
Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2018/19-3	MO-THO	srgt environ, rec	2/2/2019	Organic	Nitrobenzene-d5	n/a	=	73	%	EPA 8270C	-88	-88	51	143	
2018/19-3	MO-VEN	srgt environ	1/30/2019	Organic	Nitrobenzene-d5	n/a	=	21.4	µg/L	EPA 625	-88	-88			
2018/19-3	MO-VEN	srgt environ, rec	1/30/2019	Organic	Nitrobenzene-d5	n/a	=	86	%	EPA 625	-88	-88	27	111	
2018/19-3	MO-VEN	srgt environ	2/1/2019	Organic	Nitrobenzene-d5	n/a	=	4.05	µg/L	EPA 8270C	-88	-88			
2018/19-3	MO-VEN	srgt environ, rec	2/1/2019	Organic	Nitrobenzene-d5	n/a	=	81	%	EPA 8270C	-88	-88	51	143	
2018/19-3	Lab	method blank	1/29/2019	Organic	N-Nitrosodimethylamine	n/a	<	0.14	µg/L	EPA 625	0.14	1			
2018/19-3	Lab	LCS	1/29/2019	Organic	N-Nitrosodimethylamine	n/a	=	17.4	µg/L	EPA 625	0.14	1			
2018/19-3	Lab	LCS, rec	1/29/2019	Organic	N-Nitrosodimethylamine	n/a	=	70	%	EPA 625	-88	-88	20	83	
2018/19-3	Lab	LCS dup	1/29/2019	Organic	N-Nitrosodimethylamine	n/a	=	15.5	µg/L	EPA 625	0.14	1			
2018/19-3	Lab	LCS dup, rec	1/29/2019	Organic	N-Nitrosodimethylamine	n/a	=	62	%	EPA 625	-88	-88	20	83	
2018/19-3	Lab	LCS, RPD	1/29/2019	Organic	N-Nitrosodimethylamine	n/a	=	12	%	EPA 625	-88	-88	0	30	
2018/19-3	Lab	method blank	1/29/2019	Organic	N-Nitrosodi-N-propylamine	n/a	<	0.26	µg/L	EPA 625	0.26	1			
2018/19-3	Lab	LCS	1/29/2019	Organic	N-Nitrosodi-N-propylamine	n/a	=	21.6	µg/L	EPA 625	0.26	1			
2018/19-3	Lab	LCS, rec	1/29/2019	Organic	N-Nitrosodi-N-propylamine	n/a	=	86	%	EPA 625	-88	-88	0.1	230	
2018/19-3	Lab	LCS dup	1/29/2019	Organic	N-Nitrosodi-N-propylamine	n/a	=	17.4	µg/L	EPA 625	0.26	1			
2018/19-3	Lab	LCS dup, rec	1/29/2019	Organic	N-Nitrosodi-N-propylamine	n/a	=	70	%	EPA 625	-88	-88	0.1	230	
2018/19-3	Lab	LCS, RPD	1/29/2019	Organic	N-Nitrosodi-N-propylamine	n/a	=	21	%	EPA 625	-88	-88	0	30	
2018/19-3	Lab	method blank	1/29/2019	Organic	N-Nitrosodiphenylamine	n/a	<	0.19	µg/L	EPA 625	0.19	1			
2018/19-3	Lab	LCS	1/29/2019	Organic	N-Nitrosodiphenylamine	n/a	=	17.8	µg/L	EPA 625	0.19	1			
2018/19-3	Lab	LCS, rec	1/29/2019	Organic	N-Nitrosodiphenylamine	n/a	=	71	%	EPA 625	-88	-88	42	90	
2018/19-3	Lab	LCS dup	1/29/2019	Organic	N-Nitrosodiphenylamine	n/a	=	15.9	µg/L	EPA 625	0.19	1			
2018/19-3	Lab	LCS dup, rec	1/29/2019	Organic	N-Nitrosodiphenylamine	n/a	=	64	%	EPA 625	-88	-88	42	90	
2018/19-3	Lab	LCS, RPD	1/29/2019	Organic	N-Nitrosodiphenylamine	n/a	=	11	%	EPA 625	-88	-88	0	30	
2018/19-3	Lab	srgt method blank	2/1/2019	Organic	Perylene-d12	n/a	=	5.33	µg/L	EPA 525.2	-88	-88			
2018/19-3	Lab	srgt method blank, rec	2/1/2019	Organic	Perylene-d12	n/a	=	107	%	EPA 525.2	-88	-88	50	120	
2018/19-3	Lab	srgt LCS	2/1/2019	Organic	Perylene-d12	n/a	=	5.27	µg/L	EPA 525.2	-88	-88			
2018/19-3	Lab	srgt LCS, rec	2/1/2019	Organic	Perylene-d12	n/a	=	105	%	EPA 525.2	-88	-88	50	120	
2018/19-3	Lab	srgt LCS dup	2/1/2019	Organic	Perylene-d12	n/a	=	5.16	µg/L	EPA 525.2	-88	-88			
2018/19-3	Lab	srgt LCS dup, rec	2/1/2019	Organic	Perylene-d12	n/a	=	103	%	EPA 525.2	-88	-88	50	120	
2018/19-3	ME-CC	srgt environ	2/1/2019	Organic	Perylene-d12	n/a	=	23.5	µg/L	EPA 525.2	-88	-88			GN
2018/19-3	ME-CC	srgt environ, rec	2/1/2019	Organic	Perylene-d12	n/a	=	47	%	EPA 525.2	-88	-88	50	120	GN
2018/19-3	ME-SCR	srgt environ	2/1/2019	Organic	Perylene-d12	n/a	=	13.4	µg/L	EPA 525.2	-88	-88			
2018/19-3	ME-SCR	srgt environ, rec	2/1/2019	Organic	Perylene-d12	n/a	=	54	%	EPA 525.2	-88	-88	50	120	
2018/19-3	ME-VR2	srgt environ	2/1/2019	Organic	Perylene-d12	n/a	=	4.18	µg/L	EPA 525.2	-88	-88			
2018/19-3	ME-VR2	srgt environ, rec	2/1/2019	Organic	Perylene-d12	n/a	=	84	%	EPA 525.2	-88	-88	50	120	
2018/19-3	MO-CAM	srgt environ	2/1/2019	Organic	Perylene-d12	n/a	=	7.64	µg/L	EPA 525.2	-88	-88			GN
2018/19-3	MO-CAM	srgt environ, rec	2/1/2019	Organic	Perylene-d12	n/a	=	31	%	EPA 525.2	-88	-88	50	120	GN
2018/19-3	MO-FIL	srgt environ	2/2/2019	Organic	Perylene-d12	n/a	=	10.9	µg/L	EPA 525.2	-88	-88			GN
2018/19-3	MO-FIL	srgt environ, rec	2/2/2019	Organic	Perylene-d12	n/a	=	44	%	EPA 525.2	-88	-88	50	120	GN
2018/19-3	MO-HUE	srgt environ	2/1/2019	Organic	Perylene-d12	n/a	=	3.86	µg/L	EPA 525.2	-88	-88			GN
2018/19-3	MO-HUE	srgt environ, rec	2/1/2019	Organic	Perylene-d12	n/a	=	15	%	EPA 525.2	-88	-88	50	120	GN
2018/19-3	MO-MEI	srgt environ	2/1/2019	Organic	Perylene-d12	n/a	=	17.8	µg/L	EPA 525.2	-88	-88			
2018/19-3	MO-MEI	srgt environ, rec	2/1/2019	Organic	Perylene-d12	n/a	=	71	%	EPA 525.2	-88	-88	50	120	
2018/19-3	MO-MPK	srgt environ	2/1/2019	Organic	Perylene-d12	n/a	=	1.14	µg/L	EPA 525.2	-88	-88			GN
2018/19-3	MO-MPK	srgt environ, rec	2/1/2019	Organic	Perylene-d12	n/a	=	5	%	EPA 525.2	-88	-88	50	120	GN
2018/19-3	MO-OJA	srgt environ	2/1/2019	Organic	Perylene-d12	n/a	=	15.1	µg/L	EPA 525.2	-88	-88			
2018/19-3	MO-OJA	srgt environ, rec	2/1/2019	Organic	Perylene-d12	n/a	=	60	%	EPA 525.2	-88	-88	50	120	

Appendix F
Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2018/19-3	MO-OXN	srgt environ	2/1/2019	Organic	Perylene-d12	n/a	=	9.05	µg/L	EPA 525.2	-88	-88			GN
2018/19-3	MO-OXN	srgt environ, rec	2/1/2019	Organic	Perylene-d12	n/a	=	36	%	EPA 525.2	-88	-88	50	120	GN
2018/19-3	MO-SIM	srgt environ	2/2/2019	Organic	Perylene-d12	n/a	=	8.52	µg/L	EPA 525.2	-88	-88			GN
2018/19-3	MO-SIM	srgt environ, rec	2/2/2019	Organic	Perylene-d12	n/a	=	34	%	EPA 525.2	-88	-88	50	120	GN
2018/19-3	MO-SPA	srgt environ	2/2/2019	Organic	Perylene-d12	n/a	=	12.9	µg/L	EPA 525.2	-88	-88			
2018/19-3	MO-SPA	srgt environ, rec	2/2/2019	Organic	Perylene-d12	n/a	=	51	%	EPA 525.2	-88	-88	50	120	
2018/19-3	MO-THO	srgt environ	2/1/2019	Organic	Perylene-d12	n/a	=	8.86	µg/L	EPA 525.2	-88	-88			GN
2018/19-3	MO-THO	srgt environ, rec	2/1/2019	Organic	Perylene-d12	n/a	=	35	%	EPA 525.2	-88	-88	50	120	GN
2018/19-3	MO-VEN	srgt environ	2/1/2019	Organic	Perylene-d12	n/a	=	11.3	µg/L	EPA 525.2	-88	-88			GN
2018/19-3	MO-VEN	srgt environ, rec	2/1/2019	Organic	Perylene-d12	n/a	=	45	%	EPA 525.2	-88	-88	50	120	GN
2018/19-3	Lab	method blank	1/29/2019	Organic	Phenanthrene	n/a	<	0.32	µg/L	EPA 625	0.32	1			
2018/19-3	Lab	LCS	1/29/2019	Organic	Phenanthrene	n/a	=	25.9	µg/L	EPA 625	0.32	1			
2018/19-3	Lab	LCS, rec	1/29/2019	Organic	Phenanthrene	n/a	=	104	%	EPA 625	-88	-88	54	120	
2018/19-3	Lab	LCS dup	1/29/2019	Organic	Phenanthrene	n/a	=	23	µg/L	EPA 625	0.32	1			
2018/19-3	Lab	LCS dup, rec	1/29/2019	Organic	Phenanthrene	n/a	=	92	%	EPA 625	-88	-88	54	120	
2018/19-3	Lab	LCS, RPD	1/29/2019	Organic	Phenanthrene	n/a	=	12	%	EPA 625	-88	-88	0	30	
2018/19-3	Lab	method blank	2/1/2019	Organic	Phenanthrene	n/a	<	0.1	µg/L	EPA 8270C	0.1	0.1			
2018/19-3	Lab	LCS	2/1/2019	Organic	Phenanthrene	n/a	=	10	µg/L	EPA 8270C	0.1	0.1			
2018/19-3	Lab	LCS, rec	2/1/2019	Organic	Phenanthrene	n/a	=	100	%	EPA 8270C	-88	-88	21	131	
2018/19-3	Lab	LCS dup	2/1/2019	Organic	Phenanthrene	n/a	=	9.91	µg/L	EPA 8270C	0.1	0.1			
2018/19-3	Lab	LCS dup, rec	2/1/2019	Organic	Phenanthrene	n/a	=	99	%	EPA 8270C	-88	-88	21	131	
2018/19-3	Lab	LCS, RPD	2/1/2019	Organic	Phenanthrene	n/a	=	1	%	EPA 8270C	-88	-88	0	30	
2018/19-3	Lab	method blank	1/29/2019	Organic	Phenol	n/a	<	0.16	µg/L	EPA 625	0.16	1			
2018/19-3	Lab	LCS	1/29/2019	Organic	Phenol	n/a	=	8.47	µg/L	EPA 625	0.16	1			
2018/19-3	Lab	LCS, rec	1/29/2019	Organic	Phenol	n/a	=	34	%	EPA 625	-88	-88	5	112	
2018/19-3	Lab	LCS dup	1/29/2019	Organic	Phenol	n/a	=	7.38	µg/L	EPA 625	0.16	1			
2018/19-3	Lab	LCS dup, rec	1/29/2019	Organic	Phenol	n/a	=	30	%	EPA 625	-88	-88	5	112	
2018/19-3	Lab	LCS, RPD	1/29/2019	Organic	Phenol	n/a	=	14	%	EPA 625	-88	-88	0	30	
2018/19-3	Lab	method blank	2/5/2019	Organic	Phenol	n/a	<	0.35	µg/L	EPA 8270C	0.35	1			
2018/19-3	Lab	LCS	2/5/2019	Organic	Phenol	n/a	=	4.29	µg/L	EPA 8270C	0.35	1			
2018/19-3	Lab	LCS, rec	2/5/2019	Organic	Phenol	n/a	=	43	%	EPA 8270C	-88	-88	6	43	
2018/19-3	Lab	LCS dup	2/5/2019	Organic	Phenol	n/a	=	4.14	µg/L	EPA 8270C	0.35	1			
2018/19-3	Lab	LCS dup, rec	2/5/2019	Organic	Phenol	n/a	=	41	%	EPA 8270C	-88	-88	6	43	
2018/19-3	Lab	LCS, RPD	2/5/2019	Organic	Phenol	n/a	=	4	%	EPA 8270C	-88	-88	0	30	
2018/19-3	Lab	srgt method blank	1/29/2019	Organic	Phenol-d5	n/a	=	14.4	µg/L	EPA 625	-88	-88			
2018/19-3	Lab	srgt method blank, rec	1/29/2019	Organic	Phenol-d5	n/a	=	29	%	EPA 625	-88	-88	0.1	53	
2018/19-3	Lab	srgt LCS	1/29/2019	Organic	Phenol-d5	n/a	=	17	µg/L	EPA 625	-88	-88			
2018/19-3	Lab	srgt LCS, rec	1/29/2019	Organic	Phenol-d5	n/a	=	34	%	EPA 625	-88	-88	0.1	53	
2018/19-3	Lab	srgt LCS dup	1/29/2019	Organic	Phenol-d5	n/a	=	14.8	µg/L	EPA 625	-88	-88			
2018/19-3	Lab	srgt LCS dup, rec	1/29/2019	Organic	Phenol-d5	n/a	=	30	%	EPA 625	-88	-88	0.1	53	
2018/19-3	Lab	srgt method blank	2/5/2019	Organic	Phenol-d5	n/a	=	3.07	µg/L	EPA 8270C	-88	-88			
2018/19-3	Lab	srgt method blank, rec	2/5/2019	Organic	Phenol-d5	n/a	=	31	%	EPA 8270C	-88	-88	5	46	
2018/19-3	Lab	srgt LCS	2/5/2019	Organic	Phenol-d5	n/a	=	4.2	µg/L	EPA 8270C	-88	-88			
2018/19-3	Lab	srgt LCS, rec	2/5/2019	Organic	Phenol-d5	n/a	=	42	%	EPA 8270C	-88	-88	5	46	
2018/19-3	Lab	srgt LCS dup	2/5/2019	Organic	Phenol-d5	n/a	=	4.26	µg/L	EPA 8270C	-88	-88			
2018/19-3	Lab	srgt LCS dup, rec	2/5/2019	Organic	Phenol-d5	n/a	=	43	%	EPA 8270C	-88	-88	5	46	
2018/19-3	ME-CC	srgt environ	1/30/2019	Organic	Phenol-d5	n/a	=	13.2	µg/L	EPA 625	-88	-88			

Appendix F
Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2018/19-3	ME-CC	srqt environ, rec	1/30/2019	Organic	Phenol-d5	n/a	=	26	%	EPA 625	-88	-88	0.1	53	
2018/19-3	ME-CC	srqt environ	2/5/2019	Organic	Phenol-d5	n/a	=	3.67	µg/L	EPA 8270C	-88	-88			
2018/19-3	ME-CC	srqt environ, rec	2/5/2019	Organic	Phenol-d5	n/a	=	37	%	EPA 8270C	-88	-88	5	46	
2018/19-3	ME-SCR	srqt environ	1/30/2019	Organic	Phenol-d5	n/a	=	17.1	µg/L	EPA 625	-88	-88			
2018/19-3	ME-SCR	srqt environ, rec	1/30/2019	Organic	Phenol-d5	n/a	=	34	%	EPA 625	-88	-88	0.1	53	
2018/19-3	ME-SCR	srqt environ	2/5/2019	Organic	Phenol-d5	n/a	=	3.5	µg/L	EPA 8270C	-88	-88			
2018/19-3	ME-SCR	srqt environ, rec	2/5/2019	Organic	Phenol-d5	n/a	=	35	%	EPA 8270C	-88	-88	5	46	
2018/19-3	ME-VR2	srqt environ	1/30/2019	Organic	Phenol-d5	n/a	=	12.2	µg/L	EPA 625	-88	-88			
2018/19-3	ME-VR2	srqt environ, rec	1/30/2019	Organic	Phenol-d5	n/a	=	24	%	EPA 625	-88	-88	0.1	53	
2018/19-3	ME-VR2	srqt environ	2/5/2019	Organic	Phenol-d5	n/a	=	3.41	µg/L	EPA 8270C	-88	-88			
2018/19-3	ME-VR2	srqt environ, rec	2/5/2019	Organic	Phenol-d5	n/a	=	34	%	EPA 8270C	-88	-88	5	46	
2018/19-3	MO-CAM	srqt environ	1/30/2019	Organic	Phenol-d5	n/a	=	13.3	µg/L	EPA 625	-88	-88			
2018/19-3	MO-CAM	srqt environ, rec	1/30/2019	Organic	Phenol-d5	n/a	=	27	%	EPA 625	-88	-88	0.1	53	
2018/19-3	MO-CAM	srqt environ	2/5/2019	Organic	Phenol-d5	n/a	=	2.54	µg/L	EPA 8270C	-88	-88			
2018/19-3	MO-CAM	srqt environ, rec	2/5/2019	Organic	Phenol-d5	n/a	=	25	%	EPA 8270C	-88	-88	5	46	
2018/19-3	MO-FIL	srqt environ	1/30/2019	Organic	Phenol-d5	n/a	=	13.8	µg/L	EPA 625	-88	-88			
2018/19-3	MO-FIL	srqt environ, rec	1/30/2019	Organic	Phenol-d5	n/a	=	28	%	EPA 625	-88	-88	0.1	53	
2018/19-3	MO-FIL	srqt environ	2/6/2019	Organic	Phenol-d5	n/a	=	2.23	µg/L	EPA 8270C	-88	-88			
2018/19-3	MO-FIL	srqt environ, rec	2/6/2019	Organic	Phenol-d5	n/a	=	22	%	EPA 8270C	-88	-88	5	46	
2018/19-3	MO-HUE	srqt environ	1/30/2019	Organic	Phenol-d5	n/a	=	13.3	µg/L	EPA 625	-88	-88			
2018/19-3	MO-HUE	srqt environ, rec	1/30/2019	Organic	Phenol-d5	n/a	=	27	%	EPA 625	-88	-88	0.1	53	
2018/19-3	MO-HUE	srqt environ	2/6/2019	Organic	Phenol-d5	n/a	=	3.2	µg/L	EPA 8270C	-88	-88			
2018/19-3	MO-HUE	srqt environ, rec	2/6/2019	Organic	Phenol-d5	n/a	=	32	%	EPA 8270C	-88	-88	5	46	
2018/19-3	MO-MEI	srqt environ	1/30/2019	Organic	Phenol-d5	n/a	=	9.12	µg/L	EPA 625	-88	-88			
2018/19-3	MO-MEI	srqt environ, rec	1/30/2019	Organic	Phenol-d5	n/a	=	18	%	EPA 625	-88	-88	0.1	53	
2018/19-3	MO-MEI	srqt environ	2/5/2019	Organic	Phenol-d5	n/a	=	2.59	µg/L	EPA 8270C	-88	-88			
2018/19-3	MO-MEI	srqt environ, rec	2/5/2019	Organic	Phenol-d5	n/a	=	26	%	EPA 8270C	-88	-88	5	46	
2018/19-3	MO-MPK	srqt environ	1/30/2019	Organic	Phenol-d5	n/a	=	13	µg/L	EPA 625	-88	-88			
2018/19-3	MO-MPK	srqt environ, rec	1/30/2019	Organic	Phenol-d5	n/a	=	26	%	EPA 625	-88	-88	0.1	53	
2018/19-3	MO-MPK	srqt environ	2/6/2019	Organic	Phenol-d5	n/a	=	3.09	µg/L	EPA 8270C	-88	-88			
2018/19-3	MO-MPK	srqt environ, rec	2/6/2019	Organic	Phenol-d5	n/a	=	31	%	EPA 8270C	-88	-88	5	46	
2018/19-3	MO-OJA	srqt environ	1/30/2019	Organic	Phenol-d5	n/a	=	12.1	µg/L	EPA 625	-88	-88			
2018/19-3	MO-OJA	srqt environ, rec	1/30/2019	Organic	Phenol-d5	n/a	=	24	%	EPA 625	-88	-88	0.1	53	
2018/19-3	MO-OJA	srqt environ	2/5/2019	Organic	Phenol-d5	n/a	=	3.01	µg/L	EPA 8270C	-88	-88			
2018/19-3	MO-OJA	srqt environ, rec	2/5/2019	Organic	Phenol-d5	n/a	=	30	%	EPA 8270C	-88	-88	5	46	
2018/19-3	MO-OXN	srqt environ	1/30/2019	Organic	Phenol-d5	n/a	=	16.3	µg/L	EPA 625	-88	-88			
2018/19-3	MO-OXN	srqt environ, rec	1/30/2019	Organic	Phenol-d5	n/a	=	33	%	EPA 625	-88	-88	0.1	53	
2018/19-3	MO-OXN	srqt environ	2/6/2019	Organic	Phenol-d5	n/a	=	3.23	µg/L	EPA 8270C	-88	-88			
2018/19-3	MO-OXN	srqt environ, rec	2/6/2019	Organic	Phenol-d5	n/a	=	32	%	EPA 8270C	-88	-88	5	46	
2018/19-3	MO-SIM	srqt environ	1/30/2019	Organic	Phenol-d5	n/a	=	12	µg/L	EPA 625	-88	-88			
2018/19-3	MO-SIM	srqt environ, rec	1/30/2019	Organic	Phenol-d5	n/a	=	24	%	EPA 625	-88	-88	0.1	53	
2018/19-3	MO-SIM	srqt environ	2/6/2019	Organic	Phenol-d5	n/a	=	2.93	µg/L	EPA 8270C	-88	-88			
2018/19-3	MO-SIM	srqt environ, rec	2/6/2019	Organic	Phenol-d5	n/a	=	29	%	EPA 8270C	-88	-88	5	46	
2018/19-3	MO-SPA	srqt environ	1/30/2019	Organic	Phenol-d5	n/a	=	13.2	µg/L	EPA 625	-88	-88			
2018/19-3	MO-SPA	srqt environ, rec	1/30/2019	Organic	Phenol-d5	n/a	=	26	%	EPA 625	-88	-88	0.1	53	
2018/19-3	MO-SPA	srqt environ	2/6/2019	Organic	Phenol-d5	n/a	=	2.65	µg/L	EPA 8270C	-88	-88			
2018/19-3	MO-SPA	srqt environ, rec	2/6/2019	Organic	Phenol-d5	n/a	=	26	%	EPA 8270C	-88	-88	5	46	

Appendix F
Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2018/19-3	MO-THO	srgt environ	1/30/2019	Organic	Phenol-d5	n/a	=	15.4	µg/L	EPA 625	-88	-88			
2018/19-3	MO-THO	srgt environ, rec	1/30/2019	Organic	Phenol-d5	n/a	=	31	%	EPA 625	-88	-88	0.1	53	
2018/19-3	MO-THO	srgt environ	2/6/2019	Organic	Phenol-d5	n/a	=	2.81	µg/L	EPA 8270C	-88	-88			
2018/19-3	MO-THO	srgt environ, rec	2/6/2019	Organic	Phenol-d5	n/a	=	28	%	EPA 8270C	-88	-88	5	46	
2018/19-3	MO-VEN	srgt environ	1/30/2019	Organic	Phenol-d5	n/a	=	15.4	µg/L	EPA 625	-88	-88			
2018/19-3	MO-VEN	srgt environ, rec	1/30/2019	Organic	Phenol-d5	n/a	=	31	%	EPA 625	-88	-88	0.1	53	
2018/19-3	MO-VEN	srgt environ	2/5/2019	Organic	Phenol-d5	n/a	=	3.03	µg/L	EPA 8270C	-88	-88			
2018/19-3	MO-VEN	srgt environ, rec	2/5/2019	Organic	Phenol-d5	n/a	=	30	%	EPA 8270C	-88	-88	5	46	
2018/19-3	Lab	srgt method blank	1/29/2019	Organic	p-Terphenyl-d14	n/a	=	24.1	µg/L	EPA 625	-88	-88			
2018/19-3	Lab	srgt method blank, rec	1/29/2019	Organic	p-Terphenyl-d14	n/a	=	96	%	EPA 625	-88	-88	28	113	
2018/19-3	Lab	srgt LCS	1/29/2019	Organic	p-Terphenyl-d14	n/a	=	26.2	µg/L	EPA 625	-88	-88			
2018/19-3	Lab	srgt LCS, rec	1/29/2019	Organic	p-Terphenyl-d14	n/a	=	105	%	EPA 625	-88	-88	28	113	
2018/19-3	Lab	srgt LCS dup	1/29/2019	Organic	p-Terphenyl-d14	n/a	=	25.2	µg/L	EPA 625	-88	-88			
2018/19-3	Lab	srgt LCS dup, rec	1/29/2019	Organic	p-Terphenyl-d14	n/a	=	101	%	EPA 625	-88	-88	28	113	
2018/19-3	Lab	srgt method blank	2/1/2019	Organic	p-Terphenyl-d14	n/a	=	3.56	µg/L	EPA 8270C	-88	-88			
2018/19-3	Lab	srgt method blank, rec	2/1/2019	Organic	p-Terphenyl-d14	n/a	=	71	%	EPA 8270C	-88	-88	19	134	
2018/19-3	Lab	srgt LCS	2/1/2019	Organic	p-Terphenyl-d14	n/a	=	4.43	µg/L	EPA 8270C	-88	-88			
2018/19-3	Lab	srgt LCS, rec	2/1/2019	Organic	p-Terphenyl-d14	n/a	=	89	%	EPA 8270C	-88	-88	19	134	
2018/19-3	Lab	srgt LCS dup	2/1/2019	Organic	p-Terphenyl-d14	n/a	=	4.69	µg/L	EPA 8270C	-88	-88			
2018/19-3	Lab	srgt LCS dup, rec	2/1/2019	Organic	p-Terphenyl-d14	n/a	=	94	%	EPA 8270C	-88	-88	19	134	
2018/19-3	ME-CC	srgt environ	1/30/2019	Organic	p-Terphenyl-d14	n/a	=	19.6	µg/L	EPA 625	-88	-88			
2018/19-3	ME-CC	srgt environ, rec	1/30/2019	Organic	p-Terphenyl-d14	n/a	=	78	%	EPA 625	-88	-88	28	113	
2018/19-3	ME-CC	srgt environ	2/1/2019	Organic	p-Terphenyl-d14	n/a	=	4.06	µg/L	EPA 8270C	-88	-88			
2018/19-3	ME-CC	srgt environ, rec	2/1/2019	Organic	p-Terphenyl-d14	n/a	=	81	%	EPA 8270C	-88	-88	19	134	
2018/19-3	ME-SCR	srgt environ	1/30/2019	Organic	p-Terphenyl-d14	n/a	=	24.8	µg/L	EPA 625	-88	-88			
2018/19-3	ME-SCR	srgt environ, rec	1/30/2019	Organic	p-Terphenyl-d14	n/a	=	99	%	EPA 625	-88	-88	28	113	
2018/19-3	ME-SCR	srgt environ	2/1/2019	Organic	p-Terphenyl-d14	n/a	=	4.45	µg/L	EPA 8270C	-88	-88			
2018/19-3	ME-SCR	srgt environ, rec	2/1/2019	Organic	p-Terphenyl-d14	n/a	=	89	%	EPA 8270C	-88	-88	19	134	
2018/19-3	ME-VR2	srgt environ	1/30/2019	Organic	p-Terphenyl-d14	n/a	=	25.1	µg/L	EPA 625	-88	-88			
2018/19-3	ME-VR2	srgt environ, rec	1/30/2019	Organic	p-Terphenyl-d14	n/a	=	100	%	EPA 625	-88	-88	28	113	
2018/19-3	ME-VR2	srgt environ	2/1/2019	Organic	p-Terphenyl-d14	n/a	=	4.52	µg/L	EPA 8270C	-88	-88			
2018/19-3	ME-VR2	srgt environ, rec	2/1/2019	Organic	p-Terphenyl-d14	n/a	=	90	%	EPA 8270C	-88	-88	19	134	
2018/19-3	MO-CAM	srgt environ	1/30/2019	Organic	p-Terphenyl-d14	n/a	=	22.3	µg/L	EPA 625	-88	-88			
2018/19-3	MO-CAM	srgt environ, rec	1/30/2019	Organic	p-Terphenyl-d14	n/a	=	89	%	EPA 625	-88	-88	28	113	
2018/19-3	MO-CAM	srgt environ	2/1/2019	Organic	p-Terphenyl-d14	n/a	=	3.86	µg/L	EPA 8270C	-88	-88			
2018/19-3	MO-CAM	srgt environ, rec	2/1/2019	Organic	p-Terphenyl-d14	n/a	=	77	%	EPA 8270C	-88	-88	19	134	
2018/19-3	MO-FIL	srgt environ	1/30/2019	Organic	p-Terphenyl-d14	n/a	=	22.8	µg/L	EPA 625	-88	-88			
2018/19-3	MO-FIL	srgt environ, rec	1/30/2019	Organic	p-Terphenyl-d14	n/a	=	91	%	EPA 625	-88	-88	28	113	
2018/19-3	MO-FIL	srgt environ	2/2/2019	Organic	p-Terphenyl-d14	n/a	=	4.05	µg/L	EPA 8270C	-88	-88			
2018/19-3	MO-FIL	srgt environ, rec	2/2/2019	Organic	p-Terphenyl-d14	n/a	=	81	%	EPA 8270C	-88	-88	19	134	
2018/19-3	MO-HUE	srgt environ	1/30/2019	Organic	p-Terphenyl-d14	n/a	=	20.9	µg/L	EPA 625	-88	-88			
2018/19-3	MO-HUE	srgt environ, rec	1/30/2019	Organic	p-Terphenyl-d14	n/a	=	84	%	EPA 625	-88	-88	28	113	
2018/19-3	MO-HUE	srgt environ	2/2/2019	Organic	p-Terphenyl-d14	n/a	=	3.5	µg/L	EPA 8270C	-88	-88			
2018/19-3	MO-HUE	srgt environ, rec	2/2/2019	Organic	p-Terphenyl-d14	n/a	=	70	%	EPA 8270C	-88	-88	19	134	
2018/19-3	MO-MEI	srgt environ	1/30/2019	Organic	p-Terphenyl-d14	n/a	=	18.7	µg/L	EPA 625	-88	-88			
2018/19-3	MO-MEI	srgt environ, rec	1/30/2019	Organic	p-Terphenyl-d14	n/a	=	75	%	EPA 625	-88	-88	28	113	
2018/19-3	MO-MEI	srgt environ	2/1/2019	Organic	p-Terphenyl-d14	n/a	=	3.63	µg/L	EPA 8270C	-88	-88			

Appendix F
Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2018/19-3	MO-MEI	srgt environ, rec	2/1/2019	Organic	p-Terphenyl-d14	n/a	=	73	%	EPA 8270C	-88	-88	19	134	
2018/19-3	MO-MPK	srgt environ	1/30/2019	Organic	p-Terphenyl-d14	n/a	=	22	µg/L	EPA 625	-88	-88			
2018/19-3	MO-MPK	srgt environ, rec	1/30/2019	Organic	p-Terphenyl-d14	n/a	=	88	%	EPA 625	-88	-88	28	113	
2018/19-3	MO-MPK	srgt environ	2/2/2019	Organic	p-Terphenyl-d14	n/a	=	2.97	µg/L	EPA 8270C	-88	-88			
2018/19-3	MO-MPK	srgt environ, rec	2/2/2019	Organic	p-Terphenyl-d14	n/a	=	59	%	EPA 8270C	-88	-88	19	134	
2018/19-3	MO-OJA	srgt environ	1/30/2019	Organic	p-Terphenyl-d14	n/a	=	23.5	µg/L	EPA 625	-88	-88			
2018/19-3	MO-OJA	srgt environ, rec	1/30/2019	Organic	p-Terphenyl-d14	n/a	=	94	%	EPA 625	-88	-88	28	113	
2018/19-3	MO-OJA	srgt environ	2/1/2019	Organic	p-Terphenyl-d14	n/a	=	4.3	µg/L	EPA 8270C	-88	-88			
2018/19-3	MO-OJA	srgt environ, rec	2/1/2019	Organic	p-Terphenyl-d14	n/a	=	86	%	EPA 8270C	-88	-88	19	134	
2018/19-3	MO-OXN	srgt environ	1/30/2019	Organic	p-Terphenyl-d14	n/a	=	23.7	µg/L	EPA 625	-88	-88			
2018/19-3	MO-OXN	srgt environ, rec	1/30/2019	Organic	p-Terphenyl-d14	n/a	=	95	%	EPA 625	-88	-88	28	113	
2018/19-3	MO-OXN	srgt environ	2/2/2019	Organic	p-Terphenyl-d14	n/a	=	3.84	µg/L	EPA 8270C	-88	-88			
2018/19-3	MO-OXN	srgt environ, rec	2/2/2019	Organic	p-Terphenyl-d14	n/a	=	77	%	EPA 8270C	-88	-88	19	134	
2018/19-3	MO-SIM	srgt environ	1/30/2019	Organic	p-Terphenyl-d14	n/a	=	22.9	µg/L	EPA 625	-88	-88			
2018/19-3	MO-SIM	srgt environ, rec	1/30/2019	Organic	p-Terphenyl-d14	n/a	=	92	%	EPA 625	-88	-88	28	113	
2018/19-3	MO-SIM	srgt environ	2/2/2019	Organic	p-Terphenyl-d14	n/a	=	4.09	µg/L	EPA 8270C	-88	-88			
2018/19-3	MO-SIM	srgt environ, rec	2/2/2019	Organic	p-Terphenyl-d14	n/a	=	82	%	EPA 8270C	-88	-88	19	134	
2018/19-3	MO-SPA	srgt environ	1/30/2019	Organic	p-Terphenyl-d14	n/a	=	22.1	µg/L	EPA 625	-88	-88			
2018/19-3	MO-SPA	srgt environ, rec	1/30/2019	Organic	p-Terphenyl-d14	n/a	=	88	%	EPA 625	-88	-88	28	113	
2018/19-3	MO-SPA	srgt environ	2/2/2019	Organic	p-Terphenyl-d14	n/a	=	3.47	µg/L	EPA 8270C	-88	-88			
2018/19-3	MO-SPA	srgt environ, rec	2/2/2019	Organic	p-Terphenyl-d14	n/a	=	69	%	EPA 8270C	-88	-88	19	134	
2018/19-3	MO-THO	srgt environ	1/30/2019	Organic	p-Terphenyl-d14	n/a	=	23.5	µg/L	EPA 625	-88	-88			
2018/19-3	MO-THO	srgt environ, rec	1/30/2019	Organic	p-Terphenyl-d14	n/a	=	94	%	EPA 625	-88	-88	28	113	
2018/19-3	MO-THO	srgt environ	2/2/2019	Organic	p-Terphenyl-d14	n/a	=	3.33	µg/L	EPA 8270C	-88	-88			
2018/19-3	MO-THO	srgt environ, rec	2/2/2019	Organic	p-Terphenyl-d14	n/a	=	67	%	EPA 8270C	-88	-88	19	134	
2018/19-3	MO-VEN	srgt environ	1/30/2019	Organic	p-Terphenyl-d14	n/a	=	24	µg/L	EPA 625	-88	-88			
2018/19-3	MO-VEN	srgt environ, rec	1/30/2019	Organic	p-Terphenyl-d14	n/a	=	96	%	EPA 625	-88	-88	28	113	
2018/19-3	MO-VEN	srgt environ	2/1/2019	Organic	p-Terphenyl-d14	n/a	=	4.08	µg/L	EPA 8270C	-88	-88			
2018/19-3	MO-VEN	srgt environ, rec	2/1/2019	Organic	p-Terphenyl-d14	n/a	=	82	%	EPA 8270C	-88	-88	19	134	
2018/19-3	Lab	method blank	1/29/2019	Organic	Pyrene	n/a	<	0.25	µg/L	EPA 625	0.25	1			
2018/19-3	Lab	LCS	1/29/2019	Organic	Pyrene	n/a	=	26.9	µg/L	EPA 625	0.25	1			
2018/19-3	Lab	LCS, rec	1/29/2019	Organic	Pyrene	n/a	=	108	%	EPA 625	-88	-88	52	115	
2018/19-3	Lab	LCS dup	1/29/2019	Organic	Pyrene	n/a	=	25.4	µg/L	EPA 625	0.25	1			
2018/19-3	Lab	LCS dup, rec	1/29/2019	Organic	Pyrene	n/a	=	101	%	EPA 625	-88	-88	52	115	
2018/19-3	Lab	LCS, RPD	1/29/2019	Organic	Pyrene	n/a	=	6	%	EPA 625	-88	-88	0	30	
2018/19-3	Lab	method blank	2/1/2019	Organic	Pyrene	n/a	<	0.1	µg/L	EPA 8270C	0.1	0.1			
2018/19-3	Lab	LCS	2/1/2019	Organic	Pyrene	n/a	=	10.3	µg/L	EPA 8270C	0.1	0.1			
2018/19-3	Lab	LCS, rec	2/1/2019	Organic	Pyrene	n/a	=	103	%	EPA 8270C	-88	-88	26	128	
2018/19-3	Lab	LCS dup	2/1/2019	Organic	Pyrene	n/a	=	10.3	µg/L	EPA 8270C	0.1	0.1			
2018/19-3	Lab	LCS dup, rec	2/1/2019	Organic	Pyrene	n/a	=	103	%	EPA 8270C	-88	-88	26	128	
2018/19-3	Lab	LCS, RPD	2/1/2019	Organic	Pyrene	n/a	=	0.6	%	EPA 8270C	-88	-88	0	30	
2018/19-3	000NONPJ	srgt matrix spike	1/30/2019	Organic	Tetrachloro-m-xylene (TCMX)	n/a	=	0.0367	µg/L	EPA 608	-88	-88			
2018/19-3	000NONPJ	srgt matrix spike, rec	1/30/2019	Organic	Tetrachloro-m-xylene (TCMX)	n/a	=	37	%	EPA 608	-88	-88	35	111	
2018/19-3	000NONPJ	srgt matrix spike dup	1/30/2019	Organic	Tetrachloro-m-xylene (TCMX)	n/a	=	0.0423	µg/L	EPA 608	-88	-88			
2018/19-3	000NONPJ	srgt matrix spike dup, rec	1/30/2019	Organic	Tetrachloro-m-xylene (TCMX)	n/a	=	42	%	EPA 608	-88	-88	35	111	
2018/19-3	Lab	srgt method blank	1/30/2019	Organic	Tetrachloro-m-xylene (TCMX)	n/a	=	0.0615	µg/L	EPA 608	-88	-88			
2018/19-3	Lab	srgt method blank, rec	1/30/2019	Organic	Tetrachloro-m-xylene (TCMX)	n/a	=	62	%	EPA 608	-88	-88	35	111	

Appendix F
Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2018/19-3	Lab	srgt LCS	1/30/2019	Organic	Tetrachloro-m-xylene (TCMX)	n/a	=	0.0656	µg/L	EPA 608	-88	-88			
2018/19-3	Lab	srgt LCS, rec	1/30/2019	Organic	Tetrachloro-m-xylene (TCMX)	n/a	=	66	%	EPA 608	-88	-88	35	111	
2018/19-3	ME-CC	srgt environ	1/30/2019	Organic	Tetrachloro-m-xylene (TCMX)	n/a	=	0.0695	µg/L	EPA 608	-88	-88			
2018/19-3	ME-CC	srgt environ, rec	1/30/2019	Organic	Tetrachloro-m-xylene (TCMX)	n/a	=	69	%	EPA 608	-88	-88	35	111	
2018/19-3	ME-SCR	srgt environ	1/30/2019	Organic	Tetrachloro-m-xylene (TCMX)	n/a	=	0.0874	µg/L	EPA 608	-88	-88			
2018/19-3	ME-SCR	srgt environ, rec	1/30/2019	Organic	Tetrachloro-m-xylene (TCMX)	n/a	=	87	%	EPA 608	-88	-88	35	111	
2018/19-3	ME-VR2	srgt matrix spike	1/30/2019	Organic	Tetrachloro-m-xylene (TCMX)	n/a	=	0.0742	µg/L	EPA 608	-88	-88			
2018/19-3	ME-VR2	srgt matrix spike, rec	1/30/2019	Organic	Tetrachloro-m-xylene (TCMX)	n/a	=	74	%	EPA 608	-88	-88	35	111	
2018/19-3	ME-VR2	srgt matrix spike dup	1/30/2019	Organic	Tetrachloro-m-xylene (TCMX)	n/a	=	0.0641	µg/L	EPA 608	-88	-88			
2018/19-3	ME-VR2	srgt matrix spike dup, rec	1/30/2019	Organic	Tetrachloro-m-xylene (TCMX)	n/a	=	64	%	EPA 608	-88	-88	35	111	
2018/19-3	ME-VR2	srgt environ	1/30/2019	Organic	Tetrachloro-m-xylene (TCMX)	n/a	=	0.0527	µg/L	EPA 608	-88	-88			
2018/19-3	ME-VR2	srgt environ, rec	1/30/2019	Organic	Tetrachloro-m-xylene (TCMX)	n/a	=	53	%	EPA 608	-88	-88	35	111	
2018/19-3	MO-CAM	srgt environ	1/30/2019	Organic	Tetrachloro-m-xylene (TCMX)	n/a	=	0.0985	µg/L	EPA 608	-88	-88			
2018/19-3	MO-CAM	srgt environ, rec	1/30/2019	Organic	Tetrachloro-m-xylene (TCMX)	n/a	=	98	%	EPA 608	-88	-88	35	111	
2018/19-3	MO-FIL	srgt environ	1/31/2019	Organic	Tetrachloro-m-xylene (TCMX)	n/a	=	0.0772	µg/L	EPA 608	-88	-88			
2018/19-3	MO-FIL	srgt environ, rec	1/31/2019	Organic	Tetrachloro-m-xylene (TCMX)	n/a	=	77	%	EPA 608	-88	-88	35	111	
2018/19-3	MO-HUE	srgt environ	1/31/2019	Organic	Tetrachloro-m-xylene (TCMX)	n/a	=	0.108	µg/L	EPA 608	-88	-88			
2018/19-3	MO-HUE	srgt environ, rec	1/31/2019	Organic	Tetrachloro-m-xylene (TCMX)	n/a	=	108	%	EPA 608	-88	-88	35	111	
2018/19-3	MO-MEI	srgt environ	1/30/2019	Organic	Tetrachloro-m-xylene (TCMX)	n/a	=	0.089	µg/L	EPA 608	-88	-88			
2018/19-3	MO-MEI	srgt environ, rec	1/30/2019	Organic	Tetrachloro-m-xylene (TCMX)	n/a	=	89	%	EPA 608	-88	-88	35	111	
2018/19-3	MO-MPK	srgt environ	1/31/2019	Organic	Tetrachloro-m-xylene (TCMX)	n/a	=	0.0901	µg/L	EPA 608	-88	-88			
2018/19-3	MO-MPK	srgt environ, rec	1/31/2019	Organic	Tetrachloro-m-xylene (TCMX)	n/a	=	90	%	EPA 608	-88	-88	35	111	
2018/19-3	MO-OJA	srgt environ	1/30/2019	Organic	Tetrachloro-m-xylene (TCMX)	n/a	=	0.0847	µg/L	EPA 608	-88	-88			
2018/19-3	MO-OJA	srgt environ, rec	1/30/2019	Organic	Tetrachloro-m-xylene (TCMX)	n/a	=	85	%	EPA 608	-88	-88	35	111	
2018/19-3	MO-OXN	srgt environ	1/31/2019	Organic	Tetrachloro-m-xylene (TCMX)	n/a	=	0.0837	µg/L	EPA 608	-88	-88			
2018/19-3	MO-OXN	srgt environ, rec	1/31/2019	Organic	Tetrachloro-m-xylene (TCMX)	n/a	=	84	%	EPA 608	-88	-88	35	111	
2018/19-3	MO-SIM	srgt environ	1/31/2019	Organic	Tetrachloro-m-xylene (TCMX)	n/a	=	0.0734	µg/L	EPA 608	-88	-88			
2018/19-3	MO-SIM	srgt environ, rec	1/31/2019	Organic	Tetrachloro-m-xylene (TCMX)	n/a	=	73	%	EPA 608	-88	-88	35	111	
2018/19-3	MO-SPA	srgt environ	1/31/2019	Organic	Tetrachloro-m-xylene (TCMX)	n/a	=	0.0984	µg/L	EPA 608	-88	-88			
2018/19-3	MO-SPA	srgt environ, rec	1/31/2019	Organic	Tetrachloro-m-xylene (TCMX)	n/a	=	98	%	EPA 608	-88	-88	35	111	
2018/19-3	MO-THO	srgt environ	1/31/2019	Organic	Tetrachloro-m-xylene (TCMX)	n/a	=	0.0671	µg/L	EPA 608	-88	-88			
2018/19-3	MO-THO	srgt environ, rec	1/31/2019	Organic	Tetrachloro-m-xylene (TCMX)	n/a	=	67	%	EPA 608	-88	-88	35	111	
2018/19-3	MO-VEN	srgt environ	1/30/2019	Organic	Tetrachloro-m-xylene (TCMX)	n/a	=	0.0829	µg/L	EPA 608	-88	-88			
2018/19-3	MO-VEN	srgt environ, rec	1/30/2019	Organic	Tetrachloro-m-xylene (TCMX)	n/a	=	83	%	EPA 608	-88	-88	35	111	
2018/19-3	Lab	srgt LCS	1/8/2019	Organic	Toluene-d8	n/a	=	49.8	µg/L	EPA 624	-88	-88			
2018/19-3	Lab	srgt LCS, rec	1/8/2019	Organic	Toluene-d8	n/a	=	100	%	EPA 624	-88	-88	92	112	
2018/19-3	Lab	srgt LCS dup	1/8/2019	Organic	Toluene-d8	n/a	=	49.8	µg/L	EPA 624	-88	-88			
2018/19-3	Lab	srgt LCS dup, rec	1/8/2019	Organic	Toluene-d8	n/a	=	100	%	EPA 624	-88	-88	92	112	
2018/19-3	Lab	srgt method blank	1/8/2019	Organic	Toluene-d8	n/a	=	49.5	µg/L	EPA 624	-88	-88			
2018/19-3	Lab	srgt method blank, rec	1/8/2019	Organic	Toluene-d8	n/a	=	99	%	EPA 624	-88	-88	92	112	
2018/19-3	ME-CC	srgt environ	1/8/2019	Organic	Toluene-d8	n/a	=	49.2	µg/L	EPA 624	-88	-88			
2018/19-3	ME-CC	srgt environ, rec	1/8/2019	Organic	Toluene-d8	n/a	=	98	%	EPA 624	-88	-88	92	112	
2018/19-3	ME-SCR	srgt environ	1/8/2019	Organic	Toluene-d8	n/a	=	49.8	µg/L	EPA 624	-88	-88			
2018/19-3	ME-SCR	srgt environ, rec	1/8/2019	Organic	Toluene-d8	n/a	=	100	%	EPA 624	-88	-88	92	112	
2018/19-3	ME-VR2	srgt environ	1/8/2019	Organic	Toluene-d8	n/a	=	49.4	µg/L	EPA 624	-88	-88			
2018/19-3	ME-VR2	srgt environ, rec	1/8/2019	Organic	Toluene-d8	n/a	=	99	%	EPA 624	-88	-88	92	112	
2018/19-3	MO-CAM	srgt environ	1/8/2019	Organic	Toluene-d8	n/a	=	49.1	µg/L	EPA 624	-88	-88			

Appendix F
Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2018/19-3	MO-CAM	srgt environ, rec	1/8/2019	Organic	Toluene-d8	n/a	=	98	%	EPA 624	-88	-88	92	112	
2018/19-3	MO-FIL	srgt environ	1/8/2019	Organic	Toluene-d8	n/a	=	49.3	µg/L	EPA 624	-88	-88			
2018/19-3	MO-FIL	srgt environ, rec	1/8/2019	Organic	Toluene-d8	n/a	=	99	%	EPA 624	-88	-88	92	112	
2018/19-3	MO-HUE	srgt environ	1/8/2019	Organic	Toluene-d8	n/a	=	49.7	µg/L	EPA 624	-88	-88			
2018/19-3	MO-HUE	srgt environ, rec	1/8/2019	Organic	Toluene-d8	n/a	=	99	%	EPA 624	-88	-88	92	112	
2018/19-3	MO-MEI	srgt environ	1/8/2019	Organic	Toluene-d8	n/a	=	49.3	µg/L	EPA 624	-88	-88			
2018/19-3	MO-MEI	srgt environ, rec	1/8/2019	Organic	Toluene-d8	n/a	=	99	%	EPA 624	-88	-88	92	112	
2018/19-3	MO-MPK	srgt environ	1/8/2019	Organic	Toluene-d8	n/a	=	49.6	µg/L	EPA 624	-88	-88			
2018/19-3	MO-MPK	srgt environ, rec	1/8/2019	Organic	Toluene-d8	n/a	=	99	%	EPA 624	-88	-88	92	112	
2018/19-3	MO-OJA	srgt environ	1/8/2019	Organic	Toluene-d8	n/a	=	49.9	µg/L	EPA 624	-88	-88			
2018/19-3	MO-OJA	srgt environ, rec	1/8/2019	Organic	Toluene-d8	n/a	=	100	%	EPA 624	-88	-88	92	112	
2018/19-3	MO-OJA	srgt environ	1/8/2019	Organic	Toluene-d8	n/a	=	49.3	µg/L	EPA 624	-88	-88			
2018/19-3	MO-OJA	srgt environ, rec	1/8/2019	Organic	Toluene-d8	n/a	=	99	%	EPA 624	-88	-88	92	112	
2018/19-3	MO-OXN	srgt environ	1/8/2019	Organic	Toluene-d8	n/a	=	49.1	µg/L	EPA 624	-88	-88			
2018/19-3	MO-OXN	srgt environ, rec	1/8/2019	Organic	Toluene-d8	n/a	=	98	%	EPA 624	-88	-88	92	112	
2018/19-3	MO-SIM	srgt environ	1/8/2019	Organic	Toluene-d8	n/a	=	50	µg/L	EPA 624	-88	-88			
2018/19-3	MO-SIM	srgt environ, rec	1/8/2019	Organic	Toluene-d8	n/a	=	100	%	EPA 624	-88	-88	92	112	
2018/19-3	MO-SPA	srgt environ	1/8/2019	Organic	Toluene-d8	n/a	=	49.7	µg/L	EPA 624	-88	-88			
2018/19-3	MO-SPA	srgt environ, rec	1/8/2019	Organic	Toluene-d8	n/a	=	99	%	EPA 624	-88	-88	92	112	
2018/19-3	MO-THO	srgt environ	1/8/2019	Organic	Toluene-d8	n/a	=	47.6	µg/L	EPA 624	-88	-88			
2018/19-3	MO-THO	srgt environ, rec	1/8/2019	Organic	Toluene-d8	n/a	=	95	%	EPA 624	-88	-88	92	112	
2018/19-3	MO-THO	srgt matrix spike	1/8/2019	Organic	Toluene-d8	n/a	=	50.6	µg/L	EPA 624	-88	-88			
2018/19-3	MO-THO	srgt matrix spike, rec	1/8/2019	Organic	Toluene-d8	n/a	=	101	%	EPA 624	-88	-88	92	112	
2018/19-3	MO-THO	srgt matrix spike dup	1/8/2019	Organic	Toluene-d8	n/a	=	49.9	µg/L	EPA 624	-88	-88			
2018/19-3	MO-THO	srgt matrix spike dup, rec	1/8/2019	Organic	Toluene-d8	n/a	=	100	%	EPA 624	-88	-88	92	112	
2018/19-3	MO-VEN	srgt environ	1/8/2019	Organic	Toluene-d8	n/a	=	49.4	µg/L	EPA 624	-88	-88			
2018/19-3	MO-VEN	srgt environ, rec	1/8/2019	Organic	Toluene-d8	n/a	=	99	%	EPA 624	-88	-88	92	112	
2018/19-3	Lab	srgt LCS	1/25/2019	Organic	Triphenylphosphate	n/a	=	0.652	µg/L	EPA 525.2m	-88	-88			
2018/19-3	Lab	srgt LCS, rec	1/25/2019	Organic	Triphenylphosphate	n/a	=	130	%	EPA 525.2m	-88	-88	40	163	
2018/19-3	Lab	srgt method blank	1/25/2019	Organic	Triphenylphosphate	n/a	=	0.631	µg/L	EPA 525.2m	-88	-88			
2018/19-3	Lab	srgt method blank, rec	1/25/2019	Organic	Triphenylphosphate	n/a	=	126	%	EPA 525.2m	-88	-88	40	163	
2018/19-3	Lab	srgt method blank	2/1/2019	Organic	Triphenylphosphate	n/a	=	4.57	µg/L	EPA 525.2	-88	-88			
2018/19-3	Lab	srgt method blank, rec	2/1/2019	Organic	Triphenylphosphate	n/a	=	91	%	EPA 525.2	-88	-88	70	130	
2018/19-3	Lab	srgt LCS	2/1/2019	Organic	Triphenylphosphate	n/a	=	5.37	µg/L	EPA 525.2	-88	-88			
2018/19-3	Lab	srgt LCS, rec	2/1/2019	Organic	Triphenylphosphate	n/a	=	107	%	EPA 525.2	-88	-88	70	130	
2018/19-3	Lab	srgt LCS dup	2/1/2019	Organic	Triphenylphosphate	n/a	=	5.42	µg/L	EPA 525.2	-88	-88			
2018/19-3	Lab	srgt LCS dup, rec	2/1/2019	Organic	Triphenylphosphate	n/a	=	108	%	EPA 525.2	-88	-88	70	130	
2018/19-3	ME-CC	srgt environ	1/25/2019	Organic	Triphenylphosphate	n/a	=	8.12	µg/L	EPA 525.2m	-88	-88			
2018/19-3	ME-CC	srgt environ, rec	1/25/2019	Organic	Triphenylphosphate	n/a	=	162	%	EPA 525.2m	-88	-88	40	163	
2018/19-3	ME-CC	srgt environ	2/1/2019	Organic	Triphenylphosphate	n/a	=	59.7	µg/L	EPA 525.2	-88	-88			
2018/19-3	ME-CC	srgt environ, rec	2/1/2019	Organic	Triphenylphosphate	n/a	=	119	%	EPA 525.2	-88	-88	70	130	
2018/19-3	ME-SCR	srgt environ	1/25/2019	Organic	Triphenylphosphate	n/a	=	6.69	µg/L	EPA 525.2m	-88	-88			
2018/19-3	ME-SCR	srgt environ, rec	1/25/2019	Organic	Triphenylphosphate	n/a	=	134	%	EPA 525.2m	-88	-88	40	163	
2018/19-3	ME-SCR	srgt environ	2/1/2019	Organic	Triphenylphosphate	n/a	=	31.9	µg/L	EPA 525.2	-88	-88			
2018/19-3	ME-SCR	srgt environ, rec	2/1/2019	Organic	Triphenylphosphate	n/a	=	128	%	EPA 525.2	-88	-88	70	130	
2018/19-3	ME-VR2	srgt matrix spike	1/25/2019	Organic	Triphenylphosphate	n/a	=	0.708	µg/L	EPA 525.2m	-88	-88			
2018/19-3	ME-VR2	srgt matrix spike, rec	1/25/2019	Organic	Triphenylphosphate	n/a	=	142	%	EPA 525.2m	-88	-88	40	163	

Appendix F
Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2018/19-3	ME-VR2	srgt matrix spike dup	1/25/2019	Organic	Triphenylphosphate	n/a	=	0.69	µg/L	EPA 525.2m	-88	-88			
2018/19-3	ME-VR2	srgt matrix spike dup, rec	1/25/2019	Organic	Triphenylphosphate	n/a	=	138	%	EPA 525.2m	-88	-88	40	163	
2018/19-3	ME-VR2	srgt environ	1/25/2019	Organic	Triphenylphosphate	n/a	=	0.667	µg/L	EPA 525.2m	-88	-88			
2018/19-3	ME-VR2	srgt environ, rec	1/25/2019	Organic	Triphenylphosphate	n/a	=	133	%	EPA 525.2m	-88	-88	40	163	
2018/19-3	ME-VR2	srgt environ	2/1/2019	Organic	Triphenylphosphate	n/a	=	6.32	µg/L	EPA 525.2	-88	-88			
2018/19-3	ME-VR2	srgt environ, rec	2/1/2019	Organic	Triphenylphosphate	n/a	=	126	%	EPA 525.2	-88	-88	70	130	
2018/19-3	MO-CAM	srgt environ	1/26/2019	Organic	Triphenylphosphate	n/a	=	7.33	µg/L	EPA 525.2m	-88	-88			
2018/19-3	MO-CAM	srgt environ, rec	1/26/2019	Organic	Triphenylphosphate	n/a	=	147	%	EPA 525.2m	-88	-88	40	163	
2018/19-3	MO-CAM	srgt environ	2/1/2019	Organic	Triphenylphosphate	n/a	=	32.2	µg/L	EPA 525.2	-88	-88			
2018/19-3	MO-CAM	srgt environ, rec	2/1/2019	Organic	Triphenylphosphate	n/a	=	129	%	EPA 525.2	-88	-88	70	130	
2018/19-3	MO-FIL	srgt environ	1/26/2019	Organic	Triphenylphosphate	n/a	=	6.69	µg/L	EPA 525.2m	-88	-88			
2018/19-3	MO-FIL	srgt environ, rec	1/26/2019	Organic	Triphenylphosphate	n/a	=	134	%	EPA 525.2m	-88	-88	40	163	
2018/19-3	MO-FIL	srgt environ	2/2/2019	Organic	Triphenylphosphate	n/a	=	30.7	µg/L	EPA 525.2	-88	-88			
2018/19-3	MO-FIL	srgt environ, rec	2/2/2019	Organic	Triphenylphosphate	n/a	=	123	%	EPA 525.2	-88	-88	70	130	
2018/19-3	MO-HUE	srgt environ	1/26/2019	Organic	Triphenylphosphate	n/a	=	8.19	µg/L	EPA 525.2m	-88	-88			GN
2018/19-3	MO-HUE	srgt environ, rec	1/26/2019	Organic	Triphenylphosphate	n/a	=	164	%	EPA 525.2m	-88	-88	40	163	GN
2018/19-3	MO-HUE	srgt environ	2/1/2019	Organic	Triphenylphosphate	n/a	=	29.8	µg/L	EPA 525.2	-88	-88			
2018/19-3	MO-HUE	srgt environ, rec	2/1/2019	Organic	Triphenylphosphate	n/a	=	119	%	EPA 525.2	-88	-88	70	130	
2018/19-3	MO-MEI	srgt environ	1/26/2019	Organic	Triphenylphosphate	n/a	=	6.88	µg/L	EPA 525.2m	-88	-88			
2018/19-3	MO-MEI	srgt environ, rec	1/26/2019	Organic	Triphenylphosphate	n/a	=	138	%	EPA 525.2m	-88	-88	40	163	
2018/19-3	MO-MEI	srgt environ	2/1/2019	Organic	Triphenylphosphate	n/a	=	32.5	µg/L	EPA 525.2	-88	-88			
2018/19-3	MO-MEI	srgt environ, rec	2/1/2019	Organic	Triphenylphosphate	n/a	=	130	%	EPA 525.2	-88	-88	70	130	
2018/19-3	MO-MPK	srgt environ	1/26/2019	Organic	Triphenylphosphate	n/a	=	6.81	µg/L	EPA 525.2m	-88	-88			
2018/19-3	MO-MPK	srgt environ, rec	1/26/2019	Organic	Triphenylphosphate	n/a	=	136	%	EPA 525.2m	-88	-88	40	163	
2018/19-3	MO-MPK	srgt environ	2/1/2019	Organic	Triphenylphosphate	n/a	=	29.1	µg/L	EPA 525.2	-88	-88			
2018/19-3	MO-MPK	srgt environ, rec	2/1/2019	Organic	Triphenylphosphate	n/a	=	116	%	EPA 525.2	-88	-88	70	130	
2018/19-3	MO-OJA	srgt environ	1/26/2019	Organic	Triphenylphosphate	n/a	=	7.72	µg/L	EPA 525.2m	-88	-88			
2018/19-3	MO-OJA	srgt environ, rec	1/26/2019	Organic	Triphenylphosphate	n/a	=	154	%	EPA 525.2m	-88	-88	40	163	
2018/19-3	MO-OJA	srgt environ	2/1/2019	Organic	Triphenylphosphate	n/a	=	34.5	µg/L	EPA 525.2	-88	-88			GN
2018/19-3	MO-OJA	srgt environ, rec	2/1/2019	Organic	Triphenylphosphate	n/a	=	138	%	EPA 525.2	-88	-88	70	130	GN
2018/19-3	MO-OXN	srgt environ	1/26/2019	Organic	Triphenylphosphate	n/a	=	7.48	µg/L	EPA 525.2m	-88	-88			
2018/19-3	MO-OXN	srgt environ, rec	1/26/2019	Organic	Triphenylphosphate	n/a	=	150	%	EPA 525.2m	-88	-88	40	163	
2018/19-3	MO-OXN	srgt environ	2/1/2019	Organic	Triphenylphosphate	n/a	=	27.2	µg/L	EPA 525.2	-88	-88			
2018/19-3	MO-OXN	srgt environ, rec	2/1/2019	Organic	Triphenylphosphate	n/a	=	109	%	EPA 525.2	-88	-88	70	130	
2018/19-3	MO-SIM	srgt environ	1/26/2019	Organic	Triphenylphosphate	n/a	=	6.3	µg/L	EPA 525.2m	-88	-88			
2018/19-3	MO-SIM	srgt environ, rec	1/26/2019	Organic	Triphenylphosphate	n/a	=	126	%	EPA 525.2m	-88	-88	40	163	
2018/19-3	MO-SIM	srgt environ	2/2/2019	Organic	Triphenylphosphate	n/a	=	32.6	µg/L	EPA 525.2	-88	-88			GN
2018/19-3	MO-SIM	srgt environ, rec	2/2/2019	Organic	Triphenylphosphate	n/a	=	131	%	EPA 525.2	-88	-88	70	130	GN
2018/19-3	MO-SPA	srgt environ	1/26/2019	Organic	Triphenylphosphate	n/a	=	7.24	µg/L	EPA 525.2m	-88	-88			
2018/19-3	MO-SPA	srgt environ, rec	1/26/2019	Organic	Triphenylphosphate	n/a	=	145	%	EPA 525.2m	-88	-88	40	163	
2018/19-3	MO-SPA	srgt environ	2/2/2019	Organic	Triphenylphosphate	n/a	=	30.8	µg/L	EPA 525.2	-88	-88			
2018/19-3	MO-SPA	srgt environ, rec	2/2/2019	Organic	Triphenylphosphate	n/a	=	123	%	EPA 525.2	-88	-88	70	130	
2018/19-3	MO-THO	srgt environ	1/26/2019	Organic	Triphenylphosphate	n/a	=	6.98	µg/L	EPA 525.2m	-88	-88			
2018/19-3	MO-THO	srgt environ, rec	1/26/2019	Organic	Triphenylphosphate	n/a	=	140	%	EPA 525.2m	-88	-88	40	163	
2018/19-3	MO-THO	srgt environ	2/1/2019	Organic	Triphenylphosphate	n/a	=	28.3	µg/L	EPA 525.2	-88	-88			
2018/19-3	MO-THO	srgt environ, rec	2/1/2019	Organic	Triphenylphosphate	n/a	=	113	%	EPA 525.2	-88	-88	70	130	
2018/19-3	MO-VEN	srgt environ	1/26/2019	Organic	Triphenylphosphate	n/a	=	7.99	µg/L	EPA 525.2m	-88	-88			

Appendix F
Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2018/19-3	MO-VEN	srgt environ, rec	1/26/2019	Organic	Triphenylphosphate	n/a	=	160	%	EPA 525.2m	-88	-88	40	163	
2018/19-3	MO-VEN	srgt environ	2/1/2019	Organic	Triphenylphosphate	n/a	=	31.4	µg/L	EPA 525.2	-88	-88			
2018/19-3	MO-VEN	srgt environ, rec	2/1/2019	Organic	Triphenylphosphate	n/a	=	126	%	EPA 525.2	-88	-88	70	130	
2018/19-3	000NONPJ	srgt matrix spike	1/30/2019	PCB	PCB 209	n/a	=	0.0521	µg/L	EPA 608	-88	-88			
2018/19-3	000NONPJ	srgt matrix spike, rec	1/30/2019	PCB	PCB 209	n/a	=	52	%	EPA 608	-88	-88	34	125	
2018/19-3	000NONPJ	srgt matrix spike dup	1/30/2019	PCB	PCB 209	n/a	=	0.0589	µg/L	EPA 608	-88	-88			
2018/19-3	000NONPJ	srgt matrix spike dup, rec	1/30/2019	PCB	PCB 209	n/a	=	59	%	EPA 608	-88	-88	34	125	
2018/19-3	Lab	srgt method blank	1/30/2019	PCB	PCB 209	n/a	=	0.0765	µg/L	EPA 608	-88	-88			
2018/19-3	Lab	srgt method blank, rec	1/30/2019	PCB	PCB 209	n/a	=	77	%	EPA 608	-88	-88	34	125	
2018/19-3	Lab	srgt LCS	1/30/2019	PCB	PCB 209	n/a	=	0.081	µg/L	EPA 608	-88	-88			
2018/19-3	Lab	srgt LCS, rec	1/30/2019	PCB	PCB 209	n/a	=	81	%	EPA 608	-88	-88	34	125	
2018/19-3	ME-CC	srgt environ	1/30/2019	PCB	PCB 209	n/a	=	0.0481	µg/L	EPA 608	-88	-88			
2018/19-3	ME-CC	srgt environ, rec	1/30/2019	PCB	PCB 209	n/a	=	48	%	EPA 608	-88	-88	34	125	
2018/19-3	ME-SCR	srgt environ	1/30/2019	PCB	PCB 209	n/a	=	0.0382	µg/L	EPA 608	-88	-88			
2018/19-3	ME-SCR	srgt environ, rec	1/30/2019	PCB	PCB 209	n/a	=	38	%	EPA 608	-88	-88	34	125	
2018/19-3	ME-VR2	srgt matrix spike	1/30/2019	PCB	PCB 209	n/a	=	0.0671	µg/L	EPA 608	-88	-88			
2018/19-3	ME-VR2	srgt matrix spike, rec	1/30/2019	PCB	PCB 209	n/a	=	67	%	EPA 608	-88	-88	34	125	
2018/19-3	ME-VR2	srgt matrix spike dup	1/30/2019	PCB	PCB 209	n/a	=	0.0703	µg/L	EPA 608	-88	-88			
2018/19-3	ME-VR2	srgt matrix spike dup, rec	1/30/2019	PCB	PCB 209	n/a	=	70	%	EPA 608	-88	-88	34	125	
2018/19-3	ME-VR2	srgt environ	1/30/2019	PCB	PCB 209	n/a	=	0.0671	µg/L	EPA 608	-88	-88			
2018/19-3	ME-VR2	srgt environ, rec	1/30/2019	PCB	PCB 209	n/a	=	67	%	EPA 608	-88	-88	34	125	
2018/19-3	MO-CAM	srgt environ	1/30/2019	PCB	PCB 209	n/a	=	0.0505	µg/L	EPA 608	-88	-88			
2018/19-3	MO-CAM	srgt environ, rec	1/30/2019	PCB	PCB 209	n/a	=	50	%	EPA 608	-88	-88	34	125	
2018/19-3	MO-FIL	srgt environ	1/31/2019	PCB	PCB 209	n/a	=	0.0573	µg/L	EPA 608	-88	-88			
2018/19-3	MO-FIL	srgt environ, rec	1/31/2019	PCB	PCB 209	n/a	=	57	%	EPA 608	-88	-88	34	125	
2018/19-3	MO-HUE	srgt environ	1/31/2019	PCB	PCB 209	n/a	=	0.0583	µg/L	EPA 608	-88	-88			
2018/19-3	MO-HUE	srgt environ, rec	1/31/2019	PCB	PCB 209	n/a	=	58	%	EPA 608	-88	-88	34	125	
2018/19-3	MO-MEI	srgt environ	1/30/2019	PCB	PCB 209	n/a	=	0.0396	µg/L	EPA 608	-88	-88			
2018/19-3	MO-MEI	srgt environ, rec	1/30/2019	PCB	PCB 209	n/a	=	40	%	EPA 608	-88	-88	34	125	
2018/19-3	MO-MPK	srgt environ	1/31/2019	PCB	PCB 209	n/a	=	0.0602	µg/L	EPA 608	-88	-88			
2018/19-3	MO-MPK	srgt environ, rec	1/31/2019	PCB	PCB 209	n/a	=	60	%	EPA 608	-88	-88	34	125	
2018/19-3	MO-OJA	srgt environ	1/30/2019	PCB	PCB 209	n/a	=	0.0351	µg/L	EPA 608	-88	-88			
2018/19-3	MO-OJA	srgt environ, rec	1/30/2019	PCB	PCB 209	n/a	=	35	%	EPA 608	-88	-88	34	125	
2018/19-3	MO-OXN	srgt environ	1/31/2019	PCB	PCB 209	n/a	=	0.051	µg/L	EPA 608	-88	-88			
2018/19-3	MO-OXN	srgt environ, rec	1/31/2019	PCB	PCB 209	n/a	=	51	%	EPA 608	-88	-88	34	125	
2018/19-3	MO-SIM	srgt environ	1/31/2019	PCB	PCB 209	n/a	=	0.0593	µg/L	EPA 608	-88	-88			
2018/19-3	MO-SIM	srgt environ, rec	1/31/2019	PCB	PCB 209	n/a	=	59	%	EPA 608	-88	-88	34	125	
2018/19-3	MO-SPA	srgt environ	1/31/2019	PCB	PCB 209	n/a	=	0.0503	µg/L	EPA 608	-88	-88			
2018/19-3	MO-SPA	srgt environ, rec	1/31/2019	PCB	PCB 209	n/a	=	50	%	EPA 608	-88	-88	34	125	
2018/19-3	MO-THO	srgt environ	1/31/2019	PCB	PCB 209	n/a	=	0.0628	µg/L	EPA 608	-88	-88			
2018/19-3	MO-THO	srgt environ, rec	1/31/2019	PCB	PCB 209	n/a	=	63	%	EPA 608	-88	-88	34	125	
2018/19-3	MO-VEN	srgt environ	1/30/2019	PCB	PCB 209	n/a	=	0.0533	µg/L	EPA 608	-88	-88			
2018/19-3	MO-VEN	srgt environ, rec	1/30/2019	PCB	PCB 209	n/a	=	53	%	EPA 608	-88	-88	34	125	
2018/19-3	000NONPJ	matrix spike	1/15/2019	Pesticide	2,4,5-T	n/a	=	4.13	µg/L	EPA 515.3	0.07	0.2			
2018/19-3	000NONPJ	matrix spike, rec	1/15/2019	Pesticide	2,4,5-T	n/a	=	103	%	EPA 515.3	-88	-88	70	130	
2018/19-3	000NONPJ	matrix spike dup	1/15/2019	Pesticide	2,4,5-T	n/a	=	4.01	µg/L	EPA 515.3	0.07	0.2			
2018/19-3	000NONPJ	matrix spike dup, rec	1/15/2019	Pesticide	2,4,5-T	n/a	=	100	%	EPA 515.3	-88	-88	70	130	

Appendix F
Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2018/19-3	000NONPJ	matrix spike, RPD	1/15/2019	Pesticide	2,4,5-T	n/a	=	3	%	EPA 515.3	-88	-88	0	30	
2018/19-3	000NONPJ	matrix spike	1/15/2019	Pesticide	2,4,5-T	n/a	=	4.13	µg/L	EPA 515.3	0.07	0.2			
2018/19-3	000NONPJ	matrix spike, rec	1/15/2019	Pesticide	2,4,5-T	n/a	=	103	%	EPA 515.3	-88	-88	70	130	
2018/19-3	000NONPJ	matrix spike dup	1/15/2019	Pesticide	2,4,5-T	n/a	=	4.29	µg/L	EPA 515.3	0.07	0.2			
2018/19-3	000NONPJ	matrix spike dup, rec	1/15/2019	Pesticide	2,4,5-T	n/a	=	107	%	EPA 515.3	-88	-88	70	130	
2018/19-3	000NONPJ	matrix spike, RPD	1/15/2019	Pesticide	2,4,5-T	n/a	=	4	%	EPA 515.3	-88	-88	0	30	
2018/19-3	Lab	method blank	1/15/2019	Pesticide	2,4,5-T	n/a	<	0.07	µg/L	EPA 515.3	0.07	0.2			
2018/19-3	Lab	LCS	1/15/2019	Pesticide	2,4,5-T	n/a	=	4.03	µg/L	EPA 515.3	0.07	0.2			
2018/19-3	Lab	LCS, rec	1/15/2019	Pesticide	2,4,5-T	n/a	=	101	%	EPA 515.3	-88	-88	70	130	
2018/19-3	000NONPJ	matrix spike	1/15/2019	Pesticide	2,4,5-TP	n/a	=	4.24	µg/L	EPA 515.3	0.09	0.2			
2018/19-3	000NONPJ	matrix spike, rec	1/15/2019	Pesticide	2,4,5-TP	n/a	=	106	%	EPA 515.3	-88	-88	70	130	
2018/19-3	000NONPJ	matrix spike dup	1/15/2019	Pesticide	2,4,5-TP	n/a	=	4.06	µg/L	EPA 515.3	0.09	0.2			
2018/19-3	000NONPJ	matrix spike dup, rec	1/15/2019	Pesticide	2,4,5-TP	n/a	=	102	%	EPA 515.3	-88	-88	70	130	
2018/19-3	000NONPJ	matrix spike, RPD	1/15/2019	Pesticide	2,4,5-TP	n/a	=	4	%	EPA 515.3	-88	-88	0	30	
2018/19-3	000NONPJ	matrix spike	1/15/2019	Pesticide	2,4,5-TP	n/a	=	4.33	µg/L	EPA 515.3	0.09	0.2			
2018/19-3	000NONPJ	matrix spike, rec	1/15/2019	Pesticide	2,4,5-TP	n/a	=	108	%	EPA 515.3	-88	-88	70	130	
2018/19-3	000NONPJ	matrix spike dup	1/15/2019	Pesticide	2,4,5-TP	n/a	=	4.47	µg/L	EPA 515.3	0.09	0.2			
2018/19-3	000NONPJ	matrix spike dup, rec	1/15/2019	Pesticide	2,4,5-TP	n/a	=	112	%	EPA 515.3	-88	-88	70	130	
2018/19-3	000NONPJ	matrix spike, RPD	1/15/2019	Pesticide	2,4,5-TP	n/a	=	3	%	EPA 515.3	-88	-88	0	30	
2018/19-3	Lab	method blank	1/15/2019	Pesticide	2,4,5-TP	n/a	<	0.09	µg/L	EPA 515.3	0.09	0.2			
2018/19-3	Lab	LCS	1/15/2019	Pesticide	2,4,5-TP	n/a	=	4.16	µg/L	EPA 515.3	0.09	0.2			
2018/19-3	Lab	LCS, rec	1/15/2019	Pesticide	2,4,5-TP	n/a	=	104	%	EPA 515.3	-88	-88	70	130	
2018/19-3	000NONPJ	matrix spike	1/15/2019	Pesticide	2,4-D	n/a	=	8.53	µg/L	EPA 515.3	0.07	0.4			
2018/19-3	000NONPJ	matrix spike, rec	1/15/2019	Pesticide	2,4-D	n/a	=	107	%	EPA 515.3	-88	-88	70	130	
2018/19-3	000NONPJ	matrix spike dup	1/15/2019	Pesticide	2,4-D	n/a	=	8.36	µg/L	EPA 515.3	0.07	0.4			
2018/19-3	000NONPJ	matrix spike dup, rec	1/15/2019	Pesticide	2,4-D	n/a	=	104	%	EPA 515.3	-88	-88	70	130	
2018/19-3	000NONPJ	matrix spike, RPD	1/15/2019	Pesticide	2,4-D	n/a	=	2	%	EPA 515.3	-88	-88	0	30	
2018/19-3	000NONPJ	matrix spike	1/15/2019	Pesticide	2,4-D	n/a	=	8.64	µg/L	EPA 515.3	0.07	0.4			
2018/19-3	000NONPJ	matrix spike, rec	1/15/2019	Pesticide	2,4-D	n/a	=	108	%	EPA 515.3	-88	-88	70	130	
2018/19-3	000NONPJ	matrix spike dup	1/15/2019	Pesticide	2,4-D	n/a	=	9.04	µg/L	EPA 515.3	0.07	0.4			
2018/19-3	000NONPJ	matrix spike dup, rec	1/15/2019	Pesticide	2,4-D	n/a	=	113	%	EPA 515.3	-88	-88	70	130	
2018/19-3	000NONPJ	matrix spike, RPD	1/15/2019	Pesticide	2,4-D	n/a	=	4	%	EPA 515.3	-88	-88	0	30	
2018/19-3	Lab	method blank	1/15/2019	Pesticide	2,4-D	n/a	<	0.07	µg/L	EPA 515.3	0.07	0.4			
2018/19-3	Lab	LCS	1/15/2019	Pesticide	2,4-D	n/a	=	8.37	µg/L	EPA 515.3	0.07	0.4			
2018/19-3	Lab	LCS, rec	1/15/2019	Pesticide	2,4-D	n/a	=	105	%	EPA 515.3	-88	-88	70	130	
2018/19-3	000NONPJ	matrix spike	1/15/2019	Pesticide	2,4-DB	n/a	=	15	µg/L	EPA 515.3	0.07	2			
2018/19-3	000NONPJ	matrix spike, rec	1/15/2019	Pesticide	2,4-DB	n/a	=	94	%	EPA 515.3	-88	-88	70	130	
2018/19-3	000NONPJ	matrix spike dup	1/15/2019	Pesticide	2,4-DB	n/a	=	13.3	µg/L	EPA 515.3	0.07	2			
2018/19-3	000NONPJ	matrix spike dup, rec	1/15/2019	Pesticide	2,4-DB	n/a	=	83	%	EPA 515.3	-88	-88	70	130	
2018/19-3	000NONPJ	matrix spike, RPD	1/15/2019	Pesticide	2,4-DB	n/a	=	12	%	EPA 515.3	-88	-88	0	30	
2018/19-3	000NONPJ	matrix spike	1/15/2019	Pesticide	2,4-DB	n/a	=	15.8	µg/L	EPA 515.3	0.07	2			
2018/19-3	000NONPJ	matrix spike, rec	1/15/2019	Pesticide	2,4-DB	n/a	=	98	%	EPA 515.3	-88	-88	70	130	
2018/19-3	000NONPJ	matrix spike dup	1/15/2019	Pesticide	2,4-DB	n/a	=	15.9	µg/L	EPA 515.3	0.07	2			
2018/19-3	000NONPJ	matrix spike dup, rec	1/15/2019	Pesticide	2,4-DB	n/a	=	99	%	EPA 515.3	-88	-88	70	130	
2018/19-3	000NONPJ	matrix spike, RPD	1/15/2019	Pesticide	2,4-DB	n/a	=	0.6	%	EPA 515.3	-88	-88	0	30	
2018/19-3	Lab	method blank	1/15/2019	Pesticide	2,4-DB	n/a	<	0.07	µg/L	EPA 515.3	0.07	2			
2018/19-3	Lab	LCS	1/15/2019	Pesticide	2,4-DB	n/a	=	14.6	µg/L	EPA 515.3	0.07	2			

Appendix F
Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2018/19-3	Lab	LCS, rec	1/15/2019	Pesticide	2,4-DB	n/a	=	91	%	EPA 515.3	-88	-88	70	130	
2018/19-3	000NONPJ	matrix spike	1/15/2019	Pesticide	3,5-Dichlorobenzoic acid	n/a	=	8.53	µg/L	EPA 515.3	0.09	1			
2018/19-3	000NONPJ	matrix spike, rec	1/15/2019	Pesticide	3,5-Dichlorobenzoic acid	n/a	=	107	%	EPA 515.3	-88	-88	70	130	
2018/19-3	000NONPJ	matrix spike dup	1/15/2019	Pesticide	3,5-Dichlorobenzoic acid	n/a	=	8.44	µg/L	EPA 515.3	0.09	1			
2018/19-3	000NONPJ	matrix spike dup, rec	1/15/2019	Pesticide	3,5-Dichlorobenzoic acid	n/a	=	106	%	EPA 515.3	-88	-88	70	130	
2018/19-3	000NONPJ	matrix spike, RPD	1/15/2019	Pesticide	3,5-Dichlorobenzoic acid	n/a	=	1	%	EPA 515.3	-88	-88	0	30	
2018/19-3	000NONPJ	matrix spike	1/15/2019	Pesticide	3,5-Dichlorobenzoic acid	n/a	=	8.61	µg/L	EPA 515.3	0.09	1			
2018/19-3	000NONPJ	matrix spike, rec	1/15/2019	Pesticide	3,5-Dichlorobenzoic acid	n/a	=	108	%	EPA 515.3	-88	-88	70	130	
2018/19-3	000NONPJ	matrix spike dup	1/15/2019	Pesticide	3,5-Dichlorobenzoic acid	n/a	=	9.19	µg/L	EPA 515.3	0.09	1			
2018/19-3	000NONPJ	matrix spike dup, rec	1/15/2019	Pesticide	3,5-Dichlorobenzoic acid	n/a	=	115	%	EPA 515.3	-88	-88	70	130	
2018/19-3	000NONPJ	matrix spike, RPD	1/15/2019	Pesticide	3,5-Dichlorobenzoic acid	n/a	=	7	%	EPA 515.3	-88	-88	0	30	
2018/19-3	Lab	method blank	1/15/2019	Pesticide	3,5-Dichlorobenzoic acid	n/a	<	0.09	µg/L	EPA 515.3	0.09	1			
2018/19-3	Lab	LCS	1/15/2019	Pesticide	3,5-Dichlorobenzoic acid	n/a	=	8.28	µg/L	EPA 515.3	0.09	1			
2018/19-3	Lab	LCS, rec	1/15/2019	Pesticide	3,5-Dichlorobenzoic acid	n/a	=	103	%	EPA 515.3	-88	-88	70	130	
2018/19-3	000NONPJ	matrix spike	1/30/2019	Pesticide	4,4'-DDD	n/a	=	0.0663	µg/L	EPA 608	0.003	0.05			
2018/19-3	000NONPJ	matrix spike, rec	1/30/2019	Pesticide	4,4'-DDD	n/a	=	66	%	EPA 608	-88	-88	23	124	
2018/19-3	000NONPJ	matrix spike dup	1/30/2019	Pesticide	4,4'-DDD	n/a	=	0.0682	µg/L	EPA 608	0.003	0.05			
2018/19-3	000NONPJ	matrix spike dup, rec	1/30/2019	Pesticide	4,4'-DDD	n/a	=	68	%	EPA 608	-88	-88	23	124	
2018/19-3	000NONPJ	matrix spike, RPD	1/30/2019	Pesticide	4,4'-DDD	n/a	=	3	%	EPA 608	-88	-88	0	30	
2018/19-3	Lab	method blank	1/30/2019	Pesticide	4,4'-DDD	n/a	<	0.003	µg/L	EPA 608	0.003	0.05			
2018/19-3	Lab	LCS	1/30/2019	Pesticide	4,4'-DDD	n/a	=	0.115	µg/L	EPA 608	0.003	0.05			
2018/19-3	Lab	LCS, rec	1/30/2019	Pesticide	4,4'-DDD	n/a	=	115	%	EPA 608	-88	-88	42	133	
2018/19-3	ME-VR2	matrix spike	1/30/2019	Pesticide	4,4'-DDD	n/a	=	0.0758	µg/L	EPA 608	0.003	0.05			
2018/19-3	ME-VR2	matrix spike, rec	1/30/2019	Pesticide	4,4'-DDD	n/a	=	76	%	EPA 608	-88	-88	23	124	
2018/19-3	ME-VR2	matrix spike dup	1/30/2019	Pesticide	4,4'-DDD	n/a	=	0.0862	µg/L	EPA 608	0.003	0.05			
2018/19-3	ME-VR2	matrix spike dup, rec	1/30/2019	Pesticide	4,4'-DDD	n/a	=	86	%	EPA 608	-88	-88	23	124	
2018/19-3	ME-VR2	matrix spike, RPD	1/30/2019	Pesticide	4,4'-DDD	n/a	=	13	%	EPA 608	-88	-88	0	30	
2018/19-3	000NONPJ	matrix spike	1/30/2019	Pesticide	4,4'-DDE	n/a	=	0.0582	µg/L	EPA 608	0.0025	0.05			
2018/19-3	000NONPJ	matrix spike, rec	1/30/2019	Pesticide	4,4'-DDE	n/a	=	58	%	EPA 608	-88	-88	30	114	
2018/19-3	000NONPJ	matrix spike dup	1/30/2019	Pesticide	4,4'-DDE	n/a	=	0.0604	µg/L	EPA 608	0.0025	0.05			
2018/19-3	000NONPJ	matrix spike dup, rec	1/30/2019	Pesticide	4,4'-DDE	n/a	=	60	%	EPA 608	-88	-88	30	114	
2018/19-3	000NONPJ	matrix spike, RPD	1/30/2019	Pesticide	4,4'-DDE	n/a	=	4	%	EPA 608	-88	-88	0	30	
2018/19-3	Lab	method blank	1/30/2019	Pesticide	4,4'-DDE	n/a	<	0.0025	µg/L	EPA 608	0.0025	0.05			
2018/19-3	Lab	LCS	1/30/2019	Pesticide	4,4'-DDE	n/a	=	0.092	µg/L	EPA 608	0.0025	0.05			
2018/19-3	Lab	LCS, rec	1/30/2019	Pesticide	4,4'-DDE	n/a	=	92	%	EPA 608	-88	-88	33	126	
2018/19-3	ME-VR2	matrix spike	1/30/2019	Pesticide	4,4'-DDE	n/a	=	0.0669	µg/L	EPA 608	0.0025	0.05			
2018/19-3	ME-VR2	matrix spike, rec	1/30/2019	Pesticide	4,4'-DDE	n/a	=	67	%	EPA 608	-88	-88	30	114	
2018/19-3	ME-VR2	matrix spike dup	1/30/2019	Pesticide	4,4'-DDE	n/a	=	0.077	µg/L	EPA 608	0.0025	0.05			
2018/19-3	ME-VR2	matrix spike dup, rec	1/30/2019	Pesticide	4,4'-DDE	n/a	=	77	%	EPA 608	-88	-88	30	114	
2018/19-3	ME-VR2	matrix spike, RPD	1/30/2019	Pesticide	4,4'-DDE	n/a	=	14	%	EPA 608	-88	-88	0	30	
2018/19-3	000NONPJ	matrix spike	1/30/2019	Pesticide	4,4'-DDT	n/a	=	0.0672	µg/L	EPA 608	0.0031	0.01			
2018/19-3	000NONPJ	matrix spike, rec	1/30/2019	Pesticide	4,4'-DDT	n/a	=	67	%	EPA 608	-88	-88	11	151	
2018/19-3	000NONPJ	matrix spike dup	1/30/2019	Pesticide	4,4'-DDT	n/a	=	0.071	µg/L	EPA 608	0.0031	0.01			
2018/19-3	000NONPJ	matrix spike dup, rec	1/30/2019	Pesticide	4,4'-DDT	n/a	=	71	%	EPA 608	-88	-88	11	151	
2018/19-3	000NONPJ	matrix spike, RPD	1/30/2019	Pesticide	4,4'-DDT	n/a	=	6	%	EPA 608	-88	-88	0	30	
2018/19-3	Lab	method blank	1/30/2019	Pesticide	4,4'-DDT	n/a	<	0.0031	µg/L	EPA 608	0.0031	0.01			
2018/19-3	Lab	LCS	1/30/2019	Pesticide	4,4'-DDT	n/a	=	0.0951	µg/L	EPA 608	0.0031	0.01			

Appendix F
Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2018/19-3	Lab	LCS, rec	1/30/2019	Pesticide	4,4'-DDT	n/a	=	95	%	EPA 608	-88	-88	35	147	
2018/19-3	ME-VR2	matrix spike	1/30/2019	Pesticide	4,4'-DDT	n/a	=	0.0735	µg/L	EPA 608	0.0031	0.01			
2018/19-3	ME-VR2	matrix spike, rec	1/30/2019	Pesticide	4,4'-DDT	n/a	=	74	%	EPA 608	-88	-88	11	151	
2018/19-3	ME-VR2	matrix spike dup	1/30/2019	Pesticide	4,4'-DDT	n/a	=	0.0847	µg/L	EPA 608	0.0031	0.01			
2018/19-3	ME-VR2	matrix spike dup, rec	1/30/2019	Pesticide	4,4'-DDT	n/a	=	85	%	EPA 608	-88	-88	11	151	
2018/19-3	ME-VR2	matrix spike, RPD	1/30/2019	Pesticide	4,4'-DDT	n/a	=	14	%	EPA 608	-88	-88	0	30	
2018/19-3	000NONPJ	matrix spike	1/15/2019	Pesticide	Acifluorfen	n/a	=	4.34	µg/L	EPA 515.3	0.06	0.4			
2018/19-3	000NONPJ	matrix spike, rec	1/15/2019	Pesticide	Acifluorfen	n/a	=	109	%	EPA 515.3	-88	-88	70	130	
2018/19-3	000NONPJ	matrix spike dup	1/15/2019	Pesticide	Acifluorfen	n/a	=	4.02	µg/L	EPA 515.3	0.06	0.4			
2018/19-3	000NONPJ	matrix spike dup, rec	1/15/2019	Pesticide	Acifluorfen	n/a	=	101	%	EPA 515.3	-88	-88	70	130	
2018/19-3	000NONPJ	matrix spike, RPD	1/15/2019	Pesticide	Acifluorfen	n/a	=	8	%	EPA 515.3	-88	-88	0	30	
2018/19-3	000NONPJ	matrix spike	1/15/2019	Pesticide	Acifluorfen	n/a	=	4.2	µg/L	EPA 515.3	0.06	0.4			
2018/19-3	000NONPJ	matrix spike, rec	1/15/2019	Pesticide	Acifluorfen	n/a	=	105	%	EPA 515.3	-88	-88	70	130	
2018/19-3	000NONPJ	matrix spike dup	1/15/2019	Pesticide	Acifluorfen	n/a	=	4.39	µg/L	EPA 515.3	0.06	0.4			
2018/19-3	000NONPJ	matrix spike dup, rec	1/15/2019	Pesticide	Acifluorfen	n/a	=	110	%	EPA 515.3	-88	-88	70	130	
2018/19-3	000NONPJ	matrix spike, RPD	1/15/2019	Pesticide	Acifluorfen	n/a	=	5	%	EPA 515.3	-88	-88	0	30	
2018/19-3	Lab	method blank	1/15/2019	Pesticide	Acifluorfen	n/a	<	0.06	µg/L	EPA 515.3	0.06	0.4			
2018/19-3	Lab	LCS	1/15/2019	Pesticide	Acifluorfen	n/a	=	4.13	µg/L	EPA 515.3	0.06	0.4			
2018/19-3	Lab	LCS, rec	1/15/2019	Pesticide	Acifluorfen	n/a	=	103	%	EPA 515.3	-88	-88	70	130	
2018/19-3	Lab	method blank	2/1/2019	Pesticide	Alachlor	n/a	<	0.022	µg/L	EPA 525.2	0.022	0.1			
2018/19-3	Lab	LCS	2/1/2019	Pesticide	Alachlor	n/a	=	5.06	µg/L	EPA 525.2	0.022	0.1			
2018/19-3	Lab	LCS, rec	2/1/2019	Pesticide	Alachlor	n/a	=	101	%	EPA 525.2	-88	-88	70	130	
2018/19-3	Lab	LCS dup	2/1/2019	Pesticide	Alachlor	n/a	=	5.26	µg/L	EPA 525.2	0.022	0.1			
2018/19-3	Lab	LCS dup, rec	2/1/2019	Pesticide	Alachlor	n/a	=	105	%	EPA 525.2	-88	-88	70	130	
2018/19-3	Lab	LCS, RPD	2/1/2019	Pesticide	Alachlor	n/a	=	4	%	EPA 525.2	-88	-88	0	30	
2018/19-3	000NONPJ	matrix spike	1/30/2019	Pesticide	Aldrin	n/a	=	0.0516	µg/L	EPA 608	0.0015	0.005			
2018/19-3	000NONPJ	matrix spike, rec	1/30/2019	Pesticide	Aldrin	n/a	=	52	%	EPA 608	-88	-88	18	110	
2018/19-3	000NONPJ	matrix spike dup	1/30/2019	Pesticide	Aldrin	n/a	=	0.0573	µg/L	EPA 608	0.0015	0.005			
2018/19-3	000NONPJ	matrix spike dup, rec	1/30/2019	Pesticide	Aldrin	n/a	=	57	%	EPA 608	-88	-88	18	110	
2018/19-3	000NONPJ	matrix spike, RPD	1/30/2019	Pesticide	Aldrin	n/a	=	10	%	EPA 608	-88	-88	0	30	
2018/19-3	Lab	method blank	1/30/2019	Pesticide	Aldrin	n/a	<	0.0015	µg/L	EPA 608	0.0015	0.005			
2018/19-3	Lab	LCS	1/30/2019	Pesticide	Aldrin	n/a	=	0.0872	µg/L	EPA 608	0.0015	0.005			
2018/19-3	Lab	LCS, rec	1/30/2019	Pesticide	Aldrin	n/a	=	87	%	EPA 608	-88	-88	18	117	
2018/19-3	ME-VR2	matrix spike	1/30/2019	Pesticide	Aldrin	n/a	=	0.0648	µg/L	EPA 608	0.0015	0.005			
2018/19-3	ME-VR2	matrix spike, rec	1/30/2019	Pesticide	Aldrin	n/a	=	65	%	EPA 608	-88	-88	18	110	
2018/19-3	ME-VR2	matrix spike dup	1/30/2019	Pesticide	Aldrin	n/a	=	0.0724	µg/L	EPA 608	0.0015	0.005			
2018/19-3	ME-VR2	matrix spike dup, rec	1/30/2019	Pesticide	Aldrin	n/a	=	72	%	EPA 608	-88	-88	18	110	
2018/19-3	ME-VR2	matrix spike, RPD	1/30/2019	Pesticide	Aldrin	n/a	=	11	%	EPA 608	-88	-88	0	30	
2018/19-3	000NONPJ	matrix spike	1/30/2019	Pesticide	alpha-BHC	n/a	=	0.0605	µg/L	EPA 608	0.0018	0.01			
2018/19-3	000NONPJ	matrix spike, rec	1/30/2019	Pesticide	alpha-BHC	n/a	=	61	%	EPA 608	-88	-88	43	114	
2018/19-3	000NONPJ	matrix spike dup	1/30/2019	Pesticide	alpha-BHC	n/a	=	0.064	µg/L	EPA 608	0.0018	0.01			
2018/19-3	000NONPJ	matrix spike dup, rec	1/30/2019	Pesticide	alpha-BHC	n/a	=	64	%	EPA 608	-88	-88	43	114	
2018/19-3	000NONPJ	matrix spike, RPD	1/30/2019	Pesticide	alpha-BHC	n/a	=	6	%	EPA 608	-88	-88	0	30	
2018/19-3	Lab	method blank	1/30/2019	Pesticide	alpha-BHC	n/a	<	0.0018	µg/L	EPA 608	0.0018	0.01			
2018/19-3	Lab	LCS	1/30/2019	Pesticide	alpha-BHC	n/a	=	0.094	µg/L	EPA 608	0.0018	0.01			
2018/19-3	Lab	LCS, rec	1/30/2019	Pesticide	alpha-BHC	n/a	=	94	%	EPA 608	-88	-88	47	119	
2018/19-3	ME-VR2	matrix spike	1/30/2019	Pesticide	alpha-BHC	n/a	=	0.0627	µg/L	EPA 608	0.0018	0.01			

Appendix F
Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2018/19-3	ME-VR2	matrix spike, rec	1/30/2019	Pesticide	alpha-BHC	n/a	=	63	%	EPA 608	-88	-88	43	114	
2018/19-3	ME-VR2	matrix spike dup	1/30/2019	Pesticide	alpha-BHC	n/a	=	0.0688	µg/L	EPA 608	0.0018	0.01			
2018/19-3	ME-VR2	matrix spike dup, rec	1/30/2019	Pesticide	alpha-BHC	n/a	=	69	%	EPA 608	-88	-88	43	114	
2018/19-3	ME-VR2	matrix spike, RPD	1/30/2019	Pesticide	alpha-BHC	n/a	=	9	%	EPA 608	-88	-88	0	30	
2018/19-3	Lab	method blank	2/1/2019	Pesticide	Atrazine	n/a	<	0.034	µg/L	EPA 525.2	0.034	0.1			
2018/19-3	Lab	LCS	2/1/2019	Pesticide	Atrazine	n/a	=	5.64	µg/L	EPA 525.2	0.034	0.1			
2018/19-3	Lab	LCS, rec	2/1/2019	Pesticide	Atrazine	n/a	=	113	%	EPA 525.2	-88	-88	70	130	
2018/19-3	Lab	LCS dup	2/1/2019	Pesticide	Atrazine	n/a	=	5.83	µg/L	EPA 525.2	0.034	0.1			
2018/19-3	Lab	LCS dup, rec	2/1/2019	Pesticide	Atrazine	n/a	=	117	%	EPA 525.2	-88	-88	70	130	
2018/19-3	Lab	LCS, RPD	2/1/2019	Pesticide	Atrazine	n/a	=	3	%	EPA 525.2	-88	-88	0	30	
2018/19-3	Lab	LCS	1/25/2019	Pesticide	Azinphos methyl	n/a	=	0.0737	µg/L	EPA 525.2m	0.0055	0.01			
2018/19-3	Lab	LCS, rec	1/25/2019	Pesticide	Azinphos methyl	n/a	=	147	%	EPA 525.2m	-88	-88	0.1	188	
2018/19-3	Lab	method blank	1/25/2019	Pesticide	Azinphos methyl	n/a	<	0.0055	µg/L	EPA 525.2m	0.0055	0.01			
2018/19-3	ME-VR2	matrix spike	1/25/2019	Pesticide	Azinphos methyl	n/a	=	0.076	µg/L	EPA 525.2m	0.0055	0.01			
2018/19-3	ME-VR2	matrix spike, rec	1/25/2019	Pesticide	Azinphos methyl	n/a	=	152	%	EPA 525.2m	-88	-88	0.1	154	
2018/19-3	ME-VR2	matrix spike dup	1/25/2019	Pesticide	Azinphos methyl	n/a	=	0.0738	µg/L	EPA 525.2m	0.0055	0.01			
2018/19-3	ME-VR2	matrix spike dup, rec	1/25/2019	Pesticide	Azinphos methyl	n/a	=	148	%	EPA 525.2m	-88	-88	0.1	154	
2018/19-3	ME-VR2	matrix spike, RPD	1/25/2019	Pesticide	Azinphos methyl	n/a	=	3	%	EPA 525.2m	-88	-88	0	30	
2018/19-3	000NONPJ	matrix spike	1/15/2019	Pesticide	Bentazon	n/a	=	17	µg/L	EPA 515.3	0.11	2			
2018/19-3	000NONPJ	matrix spike, rec	1/15/2019	Pesticide	Bentazon	n/a	=	106	%	EPA 515.3	-88	-88	70	130	
2018/19-3	000NONPJ	matrix spike dup	1/15/2019	Pesticide	Bentazon	n/a	=	16.1	µg/L	EPA 515.3	0.11	2			
2018/19-3	000NONPJ	matrix spike dup, rec	1/15/2019	Pesticide	Bentazon	n/a	=	101	%	EPA 515.3	-88	-88	70	130	
2018/19-3	000NONPJ	matrix spike, RPD	1/15/2019	Pesticide	Bentazon	n/a	=	5	%	EPA 515.3	-88	-88	0	30	
2018/19-3	000NONPJ	matrix spike	1/15/2019	Pesticide	Bentazon	n/a	=	17.7	µg/L	EPA 515.3	0.11	2			
2018/19-3	000NONPJ	matrix spike, rec	1/15/2019	Pesticide	Bentazon	n/a	=	111	%	EPA 515.3	-88	-88	70	130	
2018/19-3	000NONPJ	matrix spike dup	1/15/2019	Pesticide	Bentazon	n/a	=	18	µg/L	EPA 515.3	0.11	2			
2018/19-3	000NONPJ	matrix spike dup, rec	1/15/2019	Pesticide	Bentazon	n/a	=	112	%	EPA 515.3	-88	-88	70	130	
2018/19-3	000NONPJ	matrix spike, RPD	1/15/2019	Pesticide	Bentazon	n/a	=	1	%	EPA 515.3	-88	-88	0	30	
2018/19-3	Lab	method blank	1/15/2019	Pesticide	Bentazon	n/a	<	0.11	µg/L	EPA 515.3	0.11	2			
2018/19-3	Lab	LCS	1/15/2019	Pesticide	Bentazon	n/a	=	16.2	µg/L	EPA 515.3	0.11	2			
2018/19-3	Lab	LCS, rec	1/15/2019	Pesticide	Bentazon	n/a	=	101	%	EPA 515.3	-88	-88	70	130	
2018/19-3	000NONPJ	matrix spike	1/30/2019	Pesticide	beta-BHC	n/a	=	0.0586	µg/L	EPA 608	0.0031	0.005			
2018/19-3	000NONPJ	matrix spike, rec	1/30/2019	Pesticide	beta-BHC	n/a	=	59	%	EPA 608	-88	-88	24	135	
2018/19-3	000NONPJ	matrix spike dup	1/30/2019	Pesticide	beta-BHC	n/a	=	0.0618	µg/L	EPA 608	0.0031	0.005			
2018/19-3	000NONPJ	matrix spike dup, rec	1/30/2019	Pesticide	beta-BHC	n/a	=	62	%	EPA 608	-88	-88	24	135	
2018/19-3	000NONPJ	matrix spike, RPD	1/30/2019	Pesticide	beta-BHC	n/a	=	5	%	EPA 608	-88	-88	0	30	
2018/19-3	Lab	method blank	1/30/2019	Pesticide	beta-BHC	n/a	<	0.0031	µg/L	EPA 608	0.0031	0.005			
2018/19-3	Lab	LCS	1/30/2019	Pesticide	beta-BHC	n/a	=	0.101	µg/L	EPA 608	0.0031	0.005			
2018/19-3	Lab	LCS, rec	1/30/2019	Pesticide	beta-BHC	n/a	=	101	%	EPA 608	-88	-88	53	123	
2018/19-3	ME-VR2	matrix spike	1/30/2019	Pesticide	beta-BHC	n/a	=	0.0692	µg/L	EPA 608	0.0031	0.005			
2018/19-3	ME-VR2	matrix spike, rec	1/30/2019	Pesticide	beta-BHC	n/a	=	69	%	EPA 608	-88	-88	24	135	
2018/19-3	ME-VR2	matrix spike dup	1/30/2019	Pesticide	beta-BHC	n/a	=	0.0755	µg/L	EPA 608	0.0031	0.005			
2018/19-3	ME-VR2	matrix spike dup, rec	1/30/2019	Pesticide	beta-BHC	n/a	=	75	%	EPA 608	-88	-88	24	135	
2018/19-3	ME-VR2	matrix spike, RPD	1/30/2019	Pesticide	beta-BHC	n/a	=	9	%	EPA 608	-88	-88	0	30	
2018/19-3	Lab	LCS	1/25/2019	Pesticide	Bolstar	n/a	=	0.0446	µg/L	EPA 525.2m	0.0046	0.01			
2018/19-3	Lab	LCS, rec	1/25/2019	Pesticide	Bolstar	n/a	=	89	%	EPA 525.2m	-88	-88	11	166	
2018/19-3	Lab	method blank	1/25/2019	Pesticide	Bolstar	n/a	<	0.0046	µg/L	EPA 525.2m	0.0046	0.01			

Appendix F
Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2018/19-3	ME-VR2	matrix spike	1/25/2019	Pesticide	Bolstar	n/a	=	0.0423	µg/L	EPA 525.2m	0.0046	0.01			
2018/19-3	ME-VR2	matrix spike, rec	1/25/2019	Pesticide	Bolstar	n/a	=	85	%	EPA 525.2m	-88	-88	4	184	
2018/19-3	ME-VR2	matrix spike dup	1/25/2019	Pesticide	Bolstar	n/a	=	0.0437	µg/L	EPA 525.2m	0.0046	0.01			
2018/19-3	ME-VR2	matrix spike dup, rec	1/25/2019	Pesticide	Bolstar	n/a	=	87	%	EPA 525.2m	-88	-88	4	184	
2018/19-3	ME-VR2	matrix spike, RPD	1/25/2019	Pesticide	Bolstar	n/a	=	3	%	EPA 525.2m	-88	-88	0	30	
2018/19-3	Lab	method blank	2/1/2019	Pesticide	Bromacil	n/a	<	0.038	µg/L	EPA 525.2	0.038	1			
2018/19-3	Lab	LCS	2/1/2019	Pesticide	Bromacil	n/a	=	4.28	µg/L	EPA 525.2	0.038	1			
2018/19-3	Lab	LCS, rec	2/1/2019	Pesticide	Bromacil	n/a	=	86	%	EPA 525.2	-88	-88	70	130	
2018/19-3	Lab	LCS dup	2/1/2019	Pesticide	Bromacil	n/a	=	4.51	µg/L	EPA 525.2	0.038	1			
2018/19-3	Lab	LCS dup, rec	2/1/2019	Pesticide	Bromacil	n/a	=	90	%	EPA 525.2	-88	-88	70	130	
2018/19-3	Lab	LCS, RPD	2/1/2019	Pesticide	Bromacil	n/a	=	5	%	EPA 525.2	-88	-88	0	30	
2018/19-3	Lab	method blank	2/1/2019	Pesticide	Butachlor	n/a	<	0.017	µg/L	EPA 525.2	0.017	0.2			
2018/19-3	Lab	LCS	2/1/2019	Pesticide	Butachlor	n/a	=	4.69	µg/L	EPA 525.2	0.017	0.2			
2018/19-3	Lab	LCS, rec	2/1/2019	Pesticide	Butachlor	n/a	=	94	%	EPA 525.2	-88	-88	70	130	
2018/19-3	Lab	LCS dup	2/1/2019	Pesticide	Butachlor	n/a	=	4.95	µg/L	EPA 525.2	0.017	0.2			
2018/19-3	Lab	LCS dup, rec	2/1/2019	Pesticide	Butachlor	n/a	=	99	%	EPA 525.2	-88	-88	70	130	
2018/19-3	Lab	LCS, RPD	2/1/2019	Pesticide	Butachlor	n/a	=	5	%	EPA 525.2	-88	-88	0	30	
2018/19-3	Lab	method blank	2/1/2019	Pesticide	Captan	n/a	<	0.86	µg/L	EPA 525.2	0.86	1			
2018/19-3	Lab	LCS	2/1/2019	Pesticide	Captan	n/a	=	3.42	µg/L	EPA 525.2	0.86	1			EUM
2018/19-3	Lab	LCS, rec	2/1/2019	Pesticide	Captan	n/a	=	68	%	EPA 525.2	-88	-88	70	130	EUM
2018/19-3	Lab	LCS dup	2/1/2019	Pesticide	Captan	n/a	=	3.32	µg/L	EPA 525.2	0.86	1			EUM
2018/19-3	Lab	LCS dup, rec	2/1/2019	Pesticide	Captan	n/a	=	66	%	EPA 525.2	-88	-88	70	130	EUM
2018/19-3	Lab	LCS, RPD	2/1/2019	Pesticide	Captan	n/a	=	3	%	EPA 525.2	-88	-88	0	30	EUM
2018/19-3	Lab	method blank	2/1/2019	Pesticide	Chloroprotham	n/a	<	0.01	µg/L	EPA 525.2	0.01	0.1			
2018/19-3	Lab	LCS	2/1/2019	Pesticide	Chloroprotham	n/a	=	5.01	µg/L	EPA 525.2	0.01	0.1			
2018/19-3	Lab	LCS, rec	2/1/2019	Pesticide	Chloroprotham	n/a	=	100	%	EPA 525.2	-88	-88	70	130	
2018/19-3	Lab	LCS dup	2/1/2019	Pesticide	Chloroprotham	n/a	=	5.07	µg/L	EPA 525.2	0.01	0.1			
2018/19-3	Lab	LCS dup, rec	2/1/2019	Pesticide	Chloroprotham	n/a	=	101	%	EPA 525.2	-88	-88	70	130	
2018/19-3	Lab	LCS, RPD	2/1/2019	Pesticide	Chloroprotham	n/a	=	1	%	EPA 525.2	-88	-88	0	30	
2018/19-3	Lab	LCS	1/25/2019	Pesticide	Chlorpyrifos	n/a	=	0.0533	µg/L	EPA 525.2m	0.0069	0.01			
2018/19-3	Lab	LCS, rec	1/25/2019	Pesticide	Chlorpyrifos	n/a	=	107	%	EPA 525.2m	-88	-88	37	169	
2018/19-3	Lab	method blank	1/25/2019	Pesticide	Chlorpyrifos	n/a	<	0.0069	µg/L	EPA 525.2m	0.0069	0.01			
2018/19-3	ME-VR2	matrix spike	1/25/2019	Pesticide	Chlorpyrifos	n/a	=	0.0599	µg/L	EPA 525.2m	0.0069	0.01			
2018/19-3	ME-VR2	matrix spike, rec	1/25/2019	Pesticide	Chlorpyrifos	n/a	=	120	%	EPA 525.2m	-88	-88	37	168	
2018/19-3	ME-VR2	matrix spike dup	1/25/2019	Pesticide	Chlorpyrifos	n/a	=	0.0541	µg/L	EPA 525.2m	0.0069	0.01			
2018/19-3	ME-VR2	matrix spike dup, rec	1/25/2019	Pesticide	Chlorpyrifos	n/a	=	108	%	EPA 525.2m	-88	-88	37	168	
2018/19-3	ME-VR2	matrix spike, RPD	1/25/2019	Pesticide	Chlorpyrifos	n/a	=	10	%	EPA 525.2m	-88	-88	0	30	
2018/19-3	Lab	LCS	1/25/2019	Pesticide	Coumaphos	n/a	=	0.0563	µg/L	EPA 525.2m	0.0051	0.01			
2018/19-3	Lab	LCS, rec	1/25/2019	Pesticide	Coumaphos	n/a	=	113	%	EPA 525.2m	-88	-88	0.1	225	
2018/19-3	Lab	method blank	1/25/2019	Pesticide	Coumaphos	n/a	<	0.0051	µg/L	EPA 525.2m	0.0051	0.01			
2018/19-3	ME-VR2	matrix spike	1/25/2019	Pesticide	Coumaphos	n/a	=	0.0516	µg/L	EPA 525.2m	0.0051	0.01			
2018/19-3	ME-VR2	matrix spike, rec	1/25/2019	Pesticide	Coumaphos	n/a	=	103	%	EPA 525.2m	-88	-88	0.1	203	
2018/19-3	ME-VR2	matrix spike dup	1/25/2019	Pesticide	Coumaphos	n/a	=	0.0551	µg/L	EPA 525.2m	0.0051	0.01			
2018/19-3	ME-VR2	matrix spike dup, rec	1/25/2019	Pesticide	Coumaphos	n/a	=	110	%	EPA 525.2m	-88	-88	0.1	203	
2018/19-3	ME-VR2	matrix spike, RPD	1/25/2019	Pesticide	Coumaphos	n/a	=	7	%	EPA 525.2m	-88	-88	0	30	
2018/19-3	Lab	method blank	2/1/2019	Pesticide	Cyanazine	n/a	<	0.024	µg/L	EPA 525.2	0.024	0.1			
2018/19-3	Lab	LCS	2/1/2019	Pesticide	Cyanazine	n/a	=	4.82	µg/L	EPA 525.2	0.024	0.1			

Appendix F
Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2018/19-3	Lab	LCS, rec	2/1/2019	Pesticide	Cyanazine	n/a	=	96	%	EPA 525.2	-88	-88	70	130	
2018/19-3	Lab	LCS dup	2/1/2019	Pesticide	Cyanazine	n/a	=	4.77	µg/L	EPA 525.2	0.024	0.1			
2018/19-3	Lab	LCS dup, rec	2/1/2019	Pesticide	Cyanazine	n/a	=	95	%	EPA 525.2	-88	-88	70	130	
2018/19-3	Lab	LCS, RPD	2/1/2019	Pesticide	Cyanazine	n/a	=	0.9	%	EPA 525.2	-88	-88	0	30	
2018/19-3	000NONPJ	matrix spike	1/15/2019	Pesticide	Dalapon	n/a	=	8.77	µg/L	EPA 515.3	0.1	0.4			
2018/19-3	000NONPJ	matrix spike, rec	1/15/2019	Pesticide	Dalapon	n/a	=	110	%	EPA 515.3	-88	-88	70	130	
2018/19-3	000NONPJ	matrix spike dup	1/15/2019	Pesticide	Dalapon	n/a	=	10.2	µg/L	EPA 515.3	0.1	0.4			
2018/19-3	000NONPJ	matrix spike dup, rec	1/15/2019	Pesticide	Dalapon	n/a	=	128	%	EPA 515.3	-88	-88	70	130	
2018/19-3	000NONPJ	matrix spike, RPD	1/15/2019	Pesticide	Dalapon	n/a	=	15	%	EPA 515.3	-88	-88	0	30	
2018/19-3	000NONPJ	matrix spike	1/15/2019	Pesticide	Dalapon	n/a	=	8.8	µg/L	EPA 515.3	0.1	0.4			
2018/19-3	000NONPJ	matrix spike, rec	1/15/2019	Pesticide	Dalapon	n/a	=	110	%	EPA 515.3	-88	-88	70	130	
2018/19-3	000NONPJ	matrix spike dup	1/15/2019	Pesticide	Dalapon	n/a	=	9.34	µg/L	EPA 515.3	0.1	0.4			
2018/19-3	000NONPJ	matrix spike dup, rec	1/15/2019	Pesticide	Dalapon	n/a	=	117	%	EPA 515.3	-88	-88	70	130	
2018/19-3	000NONPJ	matrix spike, RPD	1/15/2019	Pesticide	Dalapon	n/a	=	6	%	EPA 515.3	-88	-88	0	30	
2018/19-3	Lab	method blank	1/15/2019	Pesticide	Dalapon	n/a	<	0.1	µg/L	EPA 515.3	0.1	0.4			
2018/19-3	Lab	LCS	1/15/2019	Pesticide	Dalapon	n/a	=	8.42	µg/L	EPA 515.3	0.1	0.4			
2018/19-3	Lab	LCS, rec	1/15/2019	Pesticide	Dalapon	n/a	=	105	%	EPA 515.3	-88	-88	70	130	
2018/19-3	000NONPJ	matrix spike	1/15/2019	Pesticide	DCPA (Dacthal)	n/a	=	4.2	µg/L	EPA 515.3	0.07	0.1			
2018/19-3	000NONPJ	matrix spike, rec	1/15/2019	Pesticide	DCPA (Dacthal)	n/a	=	105	%	EPA 515.3	-88	-88	70	130	
2018/19-3	000NONPJ	matrix spike dup	1/15/2019	Pesticide	DCPA (Dacthal)	n/a	=	3.97	µg/L	EPA 515.3	0.07	0.1			
2018/19-3	000NONPJ	matrix spike dup, rec	1/15/2019	Pesticide	DCPA (Dacthal)	n/a	=	99	%	EPA 515.3	-88	-88	70	130	
2018/19-3	000NONPJ	matrix spike, RPD	1/15/2019	Pesticide	DCPA (Dacthal)	n/a	=	6	%	EPA 515.3	-88	-88	0	30	
2018/19-3	000NONPJ	matrix spike	1/15/2019	Pesticide	DCPA (Dacthal)	n/a	=	4.16	µg/L	EPA 515.3	0.07	0.1			
2018/19-3	000NONPJ	matrix spike, rec	1/15/2019	Pesticide	DCPA (Dacthal)	n/a	=	104	%	EPA 515.3	-88	-88	70	130	
2018/19-3	000NONPJ	matrix spike dup	1/15/2019	Pesticide	DCPA (Dacthal)	n/a	=	4.34	µg/L	EPA 515.3	0.07	0.1			
2018/19-3	000NONPJ	matrix spike dup, rec	1/15/2019	Pesticide	DCPA (Dacthal)	n/a	=	108	%	EPA 515.3	-88	-88	70	130	
2018/19-3	000NONPJ	matrix spike, RPD	1/15/2019	Pesticide	DCPA (Dacthal)	n/a	=	4	%	EPA 515.3	-88	-88	0	30	
2018/19-3	Lab	method blank	1/15/2019	Pesticide	DCPA (Dacthal)	n/a	<	0.07	µg/L	EPA 515.3	0.07	0.1			
2018/19-3	Lab	LCS	1/15/2019	Pesticide	DCPA (Dacthal)	n/a	=	4.07	µg/L	EPA 515.3	0.07	0.1			
2018/19-3	Lab	LCS, rec	1/15/2019	Pesticide	DCPA (Dacthal)	n/a	=	102	%	EPA 515.3	-88	-88	70	130	
2018/19-3	000NONPJ	matrix spike	1/30/2019	Pesticide	delta-BHC	n/a	=	0.0689	µg/L	EPA 608	0.0025	0.005			
2018/19-3	000NONPJ	matrix spike, rec	1/30/2019	Pesticide	delta-BHC	n/a	=	69	%	EPA 608	-88	-88	37	122	
2018/19-3	000NONPJ	matrix spike dup	1/30/2019	Pesticide	delta-BHC	n/a	=	0.0727	µg/L	EPA 608	0.0025	0.005			
2018/19-3	000NONPJ	matrix spike dup, rec	1/30/2019	Pesticide	delta-BHC	n/a	=	73	%	EPA 608	-88	-88	37	122	
2018/19-3	000NONPJ	matrix spike, RPD	1/30/2019	Pesticide	delta-BHC	n/a	=	5	%	EPA 608	-88	-88	0	30	
2018/19-3	Lab	method blank	1/30/2019	Pesticide	delta-BHC	n/a	<	0.0025	µg/L	EPA 608	0.0025	0.005			
2018/19-3	Lab	LCS	1/30/2019	Pesticide	delta-BHC	n/a	=	0.112	µg/L	EPA 608	0.0025	0.005			
2018/19-3	Lab	LCS, rec	1/30/2019	Pesticide	delta-BHC	n/a	=	112	%	EPA 608	-88	-88	51	123	
2018/19-3	ME-VR2	matrix spike	1/30/2019	Pesticide	delta-BHC	n/a	=	0.0803	µg/L	EPA 608	0.0025	0.005			
2018/19-3	ME-VR2	matrix spike, rec	1/30/2019	Pesticide	delta-BHC	n/a	=	80	%	EPA 608	-88	-88	37	122	
2018/19-3	ME-VR2	matrix spike dup	1/30/2019	Pesticide	delta-BHC	n/a	=	0.0903	µg/L	EPA 608	0.0025	0.005			
2018/19-3	ME-VR2	matrix spike dup, rec	1/30/2019	Pesticide	delta-BHC	n/a	=	90	%	EPA 608	-88	-88	37	122	
2018/19-3	ME-VR2	matrix spike, RPD	1/30/2019	Pesticide	delta-BHC	n/a	=	12	%	EPA 608	-88	-88	0	30	
2018/19-3	Lab	LCS	1/25/2019	Pesticide	Demeton-O	n/a	=	0.0309	µg/L	EPA 525.2m	0.01	0.01			
2018/19-3	Lab	LCS, rec	1/25/2019	Pesticide	Demeton-O	n/a	=	62	%	EPA 525.2m	-88	-88	0.1	211	
2018/19-3	Lab	method blank	1/25/2019	Pesticide	Demeton-O	n/a	<	0.01	µg/L	EPA 525.2m	0.01	0.01			
2018/19-3	ME-VR2	matrix spike	1/25/2019	Pesticide	Demeton-O	n/a	=	0.0292	µg/L	EPA 525.2m	0.01	0.01			

Appendix F
Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2018/19-3	ME-VR2	matrix spike, rec	1/25/2019	Pesticide	Demeton-O	n/a	=	58	%	EPA 525.2m	-88	-88	0.1	208	
2018/19-3	ME-VR2	matrix spike dup	1/25/2019	Pesticide	Demeton-O	n/a	=	0.031	µg/L	EPA 525.2m	0.01	0.01			
2018/19-3	ME-VR2	matrix spike dup, rec	1/25/2019	Pesticide	Demeton-O	n/a	=	62	%	EPA 525.2m	-88	-88	0.1	208	
2018/19-3	ME-VR2	matrix spike, RPD	1/25/2019	Pesticide	Demeton-O	n/a	=	6	%	EPA 525.2m	-88	-88	0	30	
2018/19-3	Lab	LCS	1/25/2019	Pesticide	Demeton-S	n/a	=	0.0603	µg/L	EPA 525.2m	0.01	0.01			
2018/19-3	Lab	LCS, rec	1/25/2019	Pesticide	Demeton-S	n/a	=	121	%	EPA 525.2m	-88	-88	0.1	213	
2018/19-3	Lab	method blank	1/25/2019	Pesticide	Demeton-S	n/a	<	0.01	µg/L	EPA 525.2m	0.01	0.01			
2018/19-3	ME-VR2	matrix spike	1/25/2019	Pesticide	Demeton-S	n/a	=	0.0664	µg/L	EPA 525.2m	0.01	0.01			
2018/19-3	ME-VR2	matrix spike, rec	1/25/2019	Pesticide	Demeton-S	n/a	=	133	%	EPA 525.2m	-88	-88	0.1	207	
2018/19-3	ME-VR2	matrix spike dup	1/25/2019	Pesticide	Demeton-S	n/a	=	0.0636	µg/L	EPA 525.2m	0.01	0.01			
2018/19-3	ME-VR2	matrix spike dup, rec	1/25/2019	Pesticide	Demeton-S	n/a	=	127	%	EPA 525.2m	-88	-88	0.1	207	
2018/19-3	ME-VR2	matrix spike, RPD	1/25/2019	Pesticide	Demeton-S	n/a	=	4	%	EPA 525.2m	-88	-88	0	30	
2018/19-3	Lab	LCS	1/25/2019	Pesticide	Diazinon	n/a	=	0.0498	µg/L	EPA 525.2m	0.0052	0.01			
2018/19-3	Lab	LCS, rec	1/25/2019	Pesticide	Diazinon	n/a	=	100	%	EPA 525.2m	-88	-88	43	152	
2018/19-3	Lab	method blank	1/25/2019	Pesticide	Diazinon	n/a	<	0.0052	µg/L	EPA 525.2m	0.0052	0.01			
2018/19-3	Lab	method blank	2/1/2019	Pesticide	Diazinon	n/a	<	0.096	µg/L	EPA 525.2	0.096	0.1			
2018/19-3	Lab	LCS	2/1/2019	Pesticide	Diazinon	n/a	=	4.35	µg/L	EPA 525.2	0.096	0.1			
2018/19-3	Lab	LCS, rec	2/1/2019	Pesticide	Diazinon	n/a	=	87	%	EPA 525.2	-88	-88	50	120	
2018/19-3	Lab	LCS dup	2/1/2019	Pesticide	Diazinon	n/a	=	4.56	µg/L	EPA 525.2	0.096	0.1			
2018/19-3	Lab	LCS dup, rec	2/1/2019	Pesticide	Diazinon	n/a	=	91	%	EPA 525.2	-88	-88	50	120	
2018/19-3	Lab	LCS, RPD	2/1/2019	Pesticide	Diazinon	n/a	=	5	%	EPA 525.2	-88	-88	0	30	
2018/19-3	ME-VR2	matrix spike	1/25/2019	Pesticide	Diazinon	n/a	=	0.0636	µg/L	EPA 525.2m	0.0052	0.01			
2018/19-3	ME-VR2	matrix spike, rec	1/25/2019	Pesticide	Diazinon	n/a	=	127	%	EPA 525.2m	-88	-88	36	153	
2018/19-3	ME-VR2	matrix spike dup	1/25/2019	Pesticide	Diazinon	n/a	=	0.0626	µg/L	EPA 525.2m	0.0052	0.01			
2018/19-3	ME-VR2	matrix spike dup, rec	1/25/2019	Pesticide	Diazinon	n/a	=	125	%	EPA 525.2m	-88	-88	36	153	
2018/19-3	ME-VR2	matrix spike, RPD	1/25/2019	Pesticide	Diazinon	n/a	=	2	%	EPA 525.2m	-88	-88	0	30	
2018/19-3	000NONPJ	matrix spike	1/15/2019	Pesticide	Dicamba	n/a	=	8.13	µg/L	EPA 515.3	0.12	0.6			
2018/19-3	000NONPJ	matrix spike, rec	1/15/2019	Pesticide	Dicamba	n/a	=	102	%	EPA 515.3	-88	-88	70	130	
2018/19-3	000NONPJ	matrix spike dup	1/15/2019	Pesticide	Dicamba	n/a	=	7.94	µg/L	EPA 515.3	0.12	0.6			
2018/19-3	000NONPJ	matrix spike dup, rec	1/15/2019	Pesticide	Dicamba	n/a	=	99	%	EPA 515.3	-88	-88	70	130	
2018/19-3	000NONPJ	matrix spike, RPD	1/15/2019	Pesticide	Dicamba	n/a	=	2	%	EPA 515.3	-88	-88	0	30	
2018/19-3	000NONPJ	matrix spike	1/15/2019	Pesticide	Dicamba	n/a	=	8.47	µg/L	EPA 515.3	0.12	0.6			
2018/19-3	000NONPJ	matrix spike, rec	1/15/2019	Pesticide	Dicamba	n/a	=	106	%	EPA 515.3	-88	-88	70	130	
2018/19-3	000NONPJ	matrix spike dup	1/15/2019	Pesticide	Dicamba	n/a	=	8.49	µg/L	EPA 515.3	0.12	0.6			
2018/19-3	000NONPJ	matrix spike dup, rec	1/15/2019	Pesticide	Dicamba	n/a	=	106	%	EPA 515.3	-88	-88	70	130	
2018/19-3	000NONPJ	matrix spike, RPD	1/15/2019	Pesticide	Dicamba	n/a	=	0.2	%	EPA 515.3	-88	-88	0	30	
2018/19-3	Lab	method blank	1/15/2019	Pesticide	Dicamba	n/a	<	0.12	µg/L	EPA 515.3	0.12	0.6			
2018/19-3	Lab	LCS	1/15/2019	Pesticide	Dicamba	n/a	=	7.89	µg/L	EPA 515.3	0.12	0.6			
2018/19-3	Lab	LCS, rec	1/15/2019	Pesticide	Dicamba	n/a	=	99	%	EPA 515.3	-88	-88	70	130	
2018/19-3	000NONPJ	matrix spike	1/15/2019	Pesticide	Dichlorprop	n/a	=	8.31	µg/L	EPA 515.3	0.08	0.3			
2018/19-3	000NONPJ	matrix spike, rec	1/15/2019	Pesticide	Dichlorprop	n/a	=	104	%	EPA 515.3	-88	-88	70	130	
2018/19-3	000NONPJ	matrix spike dup	1/15/2019	Pesticide	Dichlorprop	n/a	=	8.15	µg/L	EPA 515.3	0.08	0.3			
2018/19-3	000NONPJ	matrix spike dup, rec	1/15/2019	Pesticide	Dichlorprop	n/a	=	102	%	EPA 515.3	-88	-88	70	130	
2018/19-3	000NONPJ	matrix spike, RPD	1/15/2019	Pesticide	Dichlorprop	n/a	=	2	%	EPA 515.3	-88	-88	0	30	
2018/19-3	000NONPJ	matrix spike	1/15/2019	Pesticide	Dichlorprop	n/a	=	8.52	µg/L	EPA 515.3	0.08	0.3			
2018/19-3	000NONPJ	matrix spike, rec	1/15/2019	Pesticide	Dichlorprop	n/a	=	106	%	EPA 515.3	-88	-88	70	130	
2018/19-3	000NONPJ	matrix spike dup	1/15/2019	Pesticide	Dichlorprop	n/a	=	8.73	µg/L	EPA 515.3	0.08	0.3			

Appendix F
Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2018/19-3	000NONPJ	matrix spike dup, rec	1/15/2019	Pesticide	Dichlorprop	n/a	=	109	%	EPA 515.3	-88	-88	70	130	
2018/19-3	000NONPJ	matrix spike, RPD	1/15/2019	Pesticide	Dichlorprop	n/a	=	2	%	EPA 515.3	-88	-88	0	30	
2018/19-3	Lab	method blank	1/15/2019	Pesticide	Dichlorprop	n/a	<	0.08	µg/L	EPA 515.3	0.08	0.3			
2018/19-3	Lab	LCS	1/15/2019	Pesticide	Dichlorprop	n/a	=	8.16	µg/L	EPA 515.3	0.08	0.3			
2018/19-3	Lab	LCS, rec	1/15/2019	Pesticide	Dichlorprop	n/a	=	102	%	EPA 515.3	-88	-88	70	130	
2018/19-3	Lab	LCS	1/25/2019	Pesticide	Dichlorvos	n/a	=	0.053	µg/L	EPA 525.2m	0.0029	0.01			
2018/19-3	Lab	LCS, rec	1/25/2019	Pesticide	Dichlorvos	n/a	=	106	%	EPA 525.2m	-88	-88	46	133	
2018/19-3	Lab	method blank	1/25/2019	Pesticide	Dichlorvos	n/a	<	0.0029	µg/L	EPA 525.2m	0.0029	0.01			
2018/19-3	ME-VR2	matrix spike	1/25/2019	Pesticide	Dichlorvos	n/a	=	0.0596	µg/L	EPA 525.2m	0.0029	0.01			
2018/19-3	ME-VR2	matrix spike, rec	1/25/2019	Pesticide	Dichlorvos	n/a	=	119	%	EPA 525.2m	-88	-88	42	137	
2018/19-3	ME-VR2	matrix spike dup	1/25/2019	Pesticide	Dichlorvos	n/a	=	0.0493	µg/L	EPA 525.2m	0.0029	0.01			
2018/19-3	ME-VR2	matrix spike dup, rec	1/25/2019	Pesticide	Dichlorvos	n/a	=	99	%	EPA 525.2m	-88	-88	42	137	
2018/19-3	ME-VR2	matrix spike, RPD	1/25/2019	Pesticide	Dichlorvos	n/a	=	19	%	EPA 525.2m	-88	-88	0	30	
2018/19-3	000NONPJ	matrix spike	1/30/2019	Pesticide	Dieldrin	n/a	=	0.0618	µg/L	EPA 608	0.0021	0.01			
2018/19-3	000NONPJ	matrix spike, rec	1/30/2019	Pesticide	Dieldrin	n/a	=	62	%	EPA 608	-88	-88	27	132	
2018/19-3	000NONPJ	matrix spike dup	1/30/2019	Pesticide	Dieldrin	n/a	=	0.0655	µg/L	EPA 608	0.0021	0.01			
2018/19-3	000NONPJ	matrix spike dup, rec	1/30/2019	Pesticide	Dieldrin	n/a	=	66	%	EPA 608	-88	-88	27	132	
2018/19-3	000NONPJ	matrix spike, RPD	1/30/2019	Pesticide	Dieldrin	n/a	=	6	%	EPA 608	-88	-88	0	30	
2018/19-3	Lab	method blank	1/30/2019	Pesticide	Dieldrin	n/a	<	0.0021	µg/L	EPA 608	0.0021	0.01			
2018/19-3	Lab	LCS	1/30/2019	Pesticide	Dieldrin	n/a	=	0.0984	µg/L	EPA 608	0.0021	0.01			
2018/19-3	Lab	LCS, rec	1/30/2019	Pesticide	Dieldrin	n/a	=	98	%	EPA 608	-88	-88	48	123	
2018/19-3	ME-VR2	matrix spike	1/30/2019	Pesticide	Dieldrin	n/a	=	0.0719	µg/L	EPA 608	0.0021	0.01			
2018/19-3	ME-VR2	matrix spike, rec	1/30/2019	Pesticide	Dieldrin	n/a	=	72	%	EPA 608	-88	-88	27	132	
2018/19-3	ME-VR2	matrix spike dup	1/30/2019	Pesticide	Dieldrin	n/a	=	0.082	µg/L	EPA 608	0.0021	0.01			
2018/19-3	ME-VR2	matrix spike dup, rec	1/30/2019	Pesticide	Dieldrin	n/a	=	82	%	EPA 608	-88	-88	27	132	
2018/19-3	ME-VR2	matrix spike, RPD	1/30/2019	Pesticide	Dieldrin	n/a	=	13	%	EPA 608	-88	-88	0	30	
2018/19-3	Lab	LCS	1/25/2019	Pesticide	Dimethoate	n/a	=	0.0905	µg/L	EPA 525.2m	0.0062	0.01			
2018/19-3	Lab	LCS, rec	1/25/2019	Pesticide	Dimethoate	n/a	=	181	%	EPA 525.2m	-88	-88	10	234	
2018/19-3	Lab	method blank	1/25/2019	Pesticide	Dimethoate	n/a	<	0.0062	µg/L	EPA 525.2m	0.0062	0.01			
2018/19-3	Lab	method blank	2/1/2019	Pesticide	Dimethoate	n/a	<	0.024	µg/L	EPA 525.2	0.024	0.2			
2018/19-3	Lab	LCS	2/1/2019	Pesticide	Dimethoate	n/a	=	3.92	µg/L	EPA 525.2	0.024	0.2			
2018/19-3	Lab	LCS, rec	2/1/2019	Pesticide	Dimethoate	n/a	=	78	%	EPA 525.2	-88	-88	50	120	
2018/19-3	Lab	LCS dup	2/1/2019	Pesticide	Dimethoate	n/a	=	3.65	µg/L	EPA 525.2	0.024	0.2			
2018/19-3	Lab	LCS dup, rec	2/1/2019	Pesticide	Dimethoate	n/a	=	73	%	EPA 525.2	-88	-88	50	120	
2018/19-3	Lab	LCS, RPD	2/1/2019	Pesticide	Dimethoate	n/a	=	7	%	EPA 525.2	-88	-88	0	30	
2018/19-3	ME-VR2	matrix spike	1/25/2019	Pesticide	Dimethoate	n/a	=	0.12	µg/L	EPA 525.2m	0.0062	0.01			GB
2018/19-3	ME-VR2	matrix spike, rec	1/25/2019	Pesticide	Dimethoate	n/a	=	240	%	EPA 525.2m	-88	-88	4	222	GB
2018/19-3	ME-VR2	matrix spike dup	1/25/2019	Pesticide	Dimethoate	n/a	=	0.102	µg/L	EPA 525.2m	0.0062	0.01			
2018/19-3	ME-VR2	matrix spike dup, rec	1/25/2019	Pesticide	Dimethoate	n/a	=	205	%	EPA 525.2m	-88	-88	4	222	
2018/19-3	ME-VR2	matrix spike, RPD	1/25/2019	Pesticide	Dimethoate	n/a	=	16	%	EPA 525.2m	-88	-88	0	30	
2018/19-3	000NONPJ	matrix spike	1/15/2019	Pesticide	Dinoseb	n/a	=	4.33	µg/L	EPA 515.3	0.14	0.4			
2018/19-3	000NONPJ	matrix spike, rec	1/15/2019	Pesticide	Dinoseb	n/a	=	108	%	EPA 515.3	-88	-88	70	130	
2018/19-3	000NONPJ	matrix spike dup	1/15/2019	Pesticide	Dinoseb	n/a	=	4.12	µg/L	EPA 515.3	0.14	0.4			
2018/19-3	000NONPJ	matrix spike dup, rec	1/15/2019	Pesticide	Dinoseb	n/a	=	103	%	EPA 515.3	-88	-88	70	130	
2018/19-3	000NONPJ	matrix spike, RPD	1/15/2019	Pesticide	Dinoseb	n/a	=	5	%	EPA 515.3	-88	-88	0	30	
2018/19-3	000NONPJ	matrix spike	1/15/2019	Pesticide	Dinoseb	n/a	=	4.36	µg/L	EPA 515.3	0.14	0.4			
2018/19-3	000NONPJ	matrix spike, rec	1/15/2019	Pesticide	Dinoseb	n/a	=	109	%	EPA 515.3	-88	-88	70	130	

Appendix F
Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2018/19-3	000NONPJ	matrix spike dup	1/15/2019	Pesticide	Dinoseb	n/a	=	4.64	µg/L	EPA 515.3	0.14	0.4			
2018/19-3	000NONPJ	matrix spike dup, rec	1/15/2019	Pesticide	Dinoseb	n/a	=	116	%	EPA 515.3	-88	-88	70	130	
2018/19-3	000NONPJ	matrix spike, RPD	1/15/2019	Pesticide	Dinoseb	n/a	=	6	%	EPA 515.3	-88	-88	0	30	
2018/19-3	Lab	method blank	1/15/2019	Pesticide	Dinoseb	n/a	<	0.14	µg/L	EPA 515.3	0.14	0.4			
2018/19-3	Lab	LCS	1/15/2019	Pesticide	Dinoseb	n/a	=	4.17	µg/L	EPA 515.3	0.14	0.4			
2018/19-3	Lab	LCS, rec	1/15/2019	Pesticide	Dinoseb	n/a	=	104	%	EPA 515.3	-88	-88	70	130	
2018/19-3	Lab	method blank	2/1/2019	Pesticide	Diphenamid	n/a	<	0.024	µg/L	EPA 525.2	0.024	0.1			
2018/19-3	Lab	LCS	2/1/2019	Pesticide	Diphenamid	n/a	=	5.06	µg/L	EPA 525.2	0.024	0.1			
2018/19-3	Lab	LCS, rec	2/1/2019	Pesticide	Diphenamid	n/a	=	101	%	EPA 525.2	-88	-88	70	130	
2018/19-3	Lab	LCS dup	2/1/2019	Pesticide	Diphenamid	n/a	=	5.01	µg/L	EPA 525.2	0.024	0.1			
2018/19-3	Lab	LCS dup, rec	2/1/2019	Pesticide	Diphenamid	n/a	=	100	%	EPA 525.2	-88	-88	70	130	
2018/19-3	Lab	LCS, RPD	2/1/2019	Pesticide	Diphenamid	n/a	=	0.9	%	EPA 525.2	-88	-88	0	30	
2018/19-3	Lab	LCS	1/25/2019	Pesticide	Disulfoton	n/a	=	0.0503	µg/L	EPA 525.2m	0.01	0.01			
2018/19-3	Lab	LCS, rec	1/25/2019	Pesticide	Disulfoton	n/a	=	101	%	EPA 525.2m	-88	-88	0.1	212	
2018/19-3	Lab	method blank	1/25/2019	Pesticide	Disulfoton	n/a	<	0.01	µg/L	EPA 525.2m	0.01	0.01			
2018/19-3	Lab	method blank	2/1/2019	Pesticide	Disulfoton	n/a	<	0.031	µg/L	EPA 525.2	0.031	0.1			
2018/19-3	Lab	LCS	2/1/2019	Pesticide	Disulfoton	n/a	=	5.04	µg/L	EPA 525.2	0.031	0.1			
2018/19-3	Lab	LCS, rec	2/1/2019	Pesticide	Disulfoton	n/a	=	101	%	EPA 525.2	-88	-88	50	120	
2018/19-3	Lab	LCS dup	2/1/2019	Pesticide	Disulfoton	n/a	=	4.8	µg/L	EPA 525.2	0.031	0.1			
2018/19-3	Lab	LCS dup, rec	2/1/2019	Pesticide	Disulfoton	n/a	=	96	%	EPA 525.2	-88	-88	50	120	
2018/19-3	Lab	LCS, RPD	2/1/2019	Pesticide	Disulfoton	n/a	=	5	%	EPA 525.2	-88	-88	0	30	
2018/19-3	ME-VR2	matrix spike	1/25/2019	Pesticide	Disulfoton	n/a	=	0.055	µg/L	EPA 525.2m	0.01	0.01			
2018/19-3	ME-VR2	matrix spike, rec	1/25/2019	Pesticide	Disulfoton	n/a	=	110	%	EPA 525.2m	-88	-88	12	199	
2018/19-3	ME-VR2	matrix spike dup	1/25/2019	Pesticide	Disulfoton	n/a	=	0.0525	µg/L	EPA 525.2m	0.01	0.01			
2018/19-3	ME-VR2	matrix spike dup, rec	1/25/2019	Pesticide	Disulfoton	n/a	=	105	%	EPA 525.2m	-88	-88	12	199	
2018/19-3	ME-VR2	matrix spike, RPD	1/25/2019	Pesticide	Disulfoton	n/a	=	5	%	EPA 525.2m	-88	-88	0	30	
2018/19-3	000NONPJ	matrix spike	1/30/2019	Pesticide	Endosulfan I	n/a	=	0.0512	µg/L	EPA 608	0.0017	0.02			
2018/19-3	000NONPJ	matrix spike, rec	1/30/2019	Pesticide	Endosulfan I	n/a	=	51	%	EPA 608	-88	-88	0.1	140	
2018/19-3	000NONPJ	matrix spike dup	1/30/2019	Pesticide	Endosulfan I	n/a	=	0.0554	µg/L	EPA 608	0.0017	0.02			
2018/19-3	000NONPJ	matrix spike dup, rec	1/30/2019	Pesticide	Endosulfan I	n/a	=	55	%	EPA 608	-88	-88	0.1	140	
2018/19-3	000NONPJ	matrix spike, RPD	1/30/2019	Pesticide	Endosulfan I	n/a	=	8	%	EPA 608	-88	-88	0	30	
2018/19-3	Lab	method blank	1/30/2019	Pesticide	Endosulfan I	n/a	<	0.0017	µg/L	EPA 608	0.0017	0.02			
2018/19-3	Lab	LCS	1/30/2019	Pesticide	Endosulfan I	n/a	=	0.0815	µg/L	EPA 608	0.0017	0.02			
2018/19-3	Lab	LCS, rec	1/30/2019	Pesticide	Endosulfan I	n/a	=	81	%	EPA 608	-88	-88	14	131	
2018/19-3	ME-VR2	matrix spike	1/30/2019	Pesticide	Endosulfan I	n/a	=	0.062	µg/L	EPA 608	0.0017	0.02			
2018/19-3	ME-VR2	matrix spike, rec	1/30/2019	Pesticide	Endosulfan I	n/a	=	62	%	EPA 608	-88	-88	0.1	140	
2018/19-3	ME-VR2	matrix spike dup	1/30/2019	Pesticide	Endosulfan I	n/a	=	0.0685	µg/L	EPA 608	0.0017	0.02			
2018/19-3	ME-VR2	matrix spike dup, rec	1/30/2019	Pesticide	Endosulfan I	n/a	=	69	%	EPA 608	-88	-88	0.1	140	
2018/19-3	ME-VR2	matrix spike, RPD	1/30/2019	Pesticide	Endosulfan I	n/a	=	10	%	EPA 608	-88	-88	0	30	
2018/19-3	000NONPJ	matrix spike	1/30/2019	Pesticide	Endosulfan II	n/a	=	0.0655	µg/L	EPA 608	0.0019	0.01			
2018/19-3	000NONPJ	matrix spike, rec	1/30/2019	Pesticide	Endosulfan II	n/a	=	66	%	EPA 608	-88	-88	17	122	
2018/19-3	000NONPJ	matrix spike dup	1/30/2019	Pesticide	Endosulfan II	n/a	=	0.0664	µg/L	EPA 608	0.0019	0.01			
2018/19-3	000NONPJ	matrix spike dup, rec	1/30/2019	Pesticide	Endosulfan II	n/a	=	66	%	EPA 608	-88	-88	17	122	
2018/19-3	000NONPJ	matrix spike, RPD	1/30/2019	Pesticide	Endosulfan II	n/a	=	1	%	EPA 608	-88	-88	0	30	
2018/19-3	Lab	method blank	1/30/2019	Pesticide	Endosulfan II	n/a	<	0.0019	µg/L	EPA 608	0.0019	0.01			
2018/19-3	Lab	LCS	1/30/2019	Pesticide	Endosulfan II	n/a	=	0.0893	µg/L	EPA 608	0.0019	0.01			
2018/19-3	Lab	LCS, rec	1/30/2019	Pesticide	Endosulfan II	n/a	=	89	%	EPA 608	-88	-88	40	121	

Appendix F
Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2018/19-3	ME-VR2	matrix spike	1/30/2019	Pesticide	Endosulfan II	n/a	=	0.0736	µg/L	EPA 608	0.0019	0.01			
2018/19-3	ME-VR2	matrix spike, rec	1/30/2019	Pesticide	Endosulfan II	n/a	=	74	%	EPA 608	-88	-88	17	122	
2018/19-3	ME-VR2	matrix spike dup	1/30/2019	Pesticide	Endosulfan II	n/a	=	0.0842	µg/L	EPA 608	0.0019	0.01			
2018/19-3	ME-VR2	matrix spike dup, rec	1/30/2019	Pesticide	Endosulfan II	n/a	=	84	%	EPA 608	-88	-88	17	122	
2018/19-3	ME-VR2	matrix spike, RPD	1/30/2019	Pesticide	Endosulfan II	n/a	=	13	%	EPA 608	-88	-88	0	30	
2018/19-3	000NONPJ	matrix spike	1/30/2019	Pesticide	Endosulfan sulfate	n/a	=	0.0738	µg/L	EPA 608	0.008	0.05			
2018/19-3	000NONPJ	matrix spike, rec	1/30/2019	Pesticide	Endosulfan sulfate	n/a	=	74	%	EPA 608	-88	-88	37	131	
2018/19-3	000NONPJ	matrix spike dup	1/30/2019	Pesticide	Endosulfan sulfate	n/a	=	0.0793	µg/L	EPA 608	0.008	0.05			
2018/19-3	000NONPJ	matrix spike dup, rec	1/30/2019	Pesticide	Endosulfan sulfate	n/a	=	79	%	EPA 608	-88	-88	37	131	
2018/19-3	000NONPJ	matrix spike, RPD	1/30/2019	Pesticide	Endosulfan sulfate	n/a	=	7	%	EPA 608	-88	-88	0	30	
2018/19-3	Lab	method blank	1/30/2019	Pesticide	Endosulfan sulfate	n/a	<	0.008	µg/L	EPA 608	0.008	0.05			
2018/19-3	Lab	LCS	1/30/2019	Pesticide	Endosulfan sulfate	n/a	=	0.116	µg/L	EPA 608	0.008	0.05			
2018/19-3	Lab	LCS, rec	1/30/2019	Pesticide	Endosulfan sulfate	n/a	=	116	%	EPA 608	-88	-88	44	140	
2018/19-3	ME-VR2	matrix spike	1/30/2019	Pesticide	Endosulfan sulfate	n/a	=	0.0904	µg/L	EPA 608	0.008	0.05			
2018/19-3	ME-VR2	matrix spike, rec	1/30/2019	Pesticide	Endosulfan sulfate	n/a	=	90	%	EPA 608	-88	-88	37	131	
2018/19-3	ME-VR2	matrix spike dup	1/30/2019	Pesticide	Endosulfan sulfate	n/a	=	0.102	µg/L	EPA 608	0.008	0.05			
2018/19-3	ME-VR2	matrix spike dup, rec	1/30/2019	Pesticide	Endosulfan sulfate	n/a	=	102	%	EPA 608	-88	-88	37	131	
2018/19-3	ME-VR2	matrix spike, RPD	1/30/2019	Pesticide	Endosulfan sulfate	n/a	=	13	%	EPA 608	-88	-88	0	30	
2018/19-3	000NONPJ	matrix spike	1/30/2019	Pesticide	Endrin	n/a	=	0.0826	µg/L	EPA 608	0.0028	0.01			
2018/19-3	000NONPJ	matrix spike, rec	1/30/2019	Pesticide	Endrin	n/a	=	83	%	EPA 608	-88	-88	42	144	
2018/19-3	000NONPJ	matrix spike dup	1/30/2019	Pesticide	Endrin	n/a	=	0.0887	µg/L	EPA 608	0.0028	0.01			
2018/19-3	000NONPJ	matrix spike dup, rec	1/30/2019	Pesticide	Endrin	n/a	=	89	%	EPA 608	-88	-88	42	144	
2018/19-3	000NONPJ	matrix spike, RPD	1/30/2019	Pesticide	Endrin	n/a	=	7	%	EPA 608	-88	-88	0	30	
2018/19-3	Lab	method blank	1/30/2019	Pesticide	Endrin	n/a	<	0.0028	µg/L	EPA 608	0.0028	0.01			
2018/19-3	Lab	LCS	1/30/2019	Pesticide	Endrin	n/a	=	0.123	µg/L	EPA 608	0.0028	0.01			
2018/19-3	Lab	LCS, rec	1/30/2019	Pesticide	Endrin	n/a	=	123	%	EPA 608	-88	-88	40	143	
2018/19-3	ME-VR2	matrix spike	1/30/2019	Pesticide	Endrin	n/a	=	0.0981	µg/L	EPA 608	0.0028	0.01			
2018/19-3	ME-VR2	matrix spike, rec	1/30/2019	Pesticide	Endrin	n/a	=	98	%	EPA 608	-88	-88	42	144	
2018/19-3	ME-VR2	matrix spike dup	1/30/2019	Pesticide	Endrin	n/a	=	0.11	µg/L	EPA 608	0.0028	0.01			
2018/19-3	ME-VR2	matrix spike dup, rec	1/30/2019	Pesticide	Endrin	n/a	=	110	%	EPA 608	-88	-88	42	144	
2018/19-3	ME-VR2	matrix spike, RPD	1/30/2019	Pesticide	Endrin	n/a	=	11	%	EPA 608	-88	-88	0	30	
2018/19-3	000NONPJ	matrix spike	1/30/2019	Pesticide	Endrin aldehyde	n/a	=	0.0515	µg/L	EPA 608	0.003	0.01			
2018/19-3	000NONPJ	matrix spike, rec	1/30/2019	Pesticide	Endrin aldehyde	n/a	=	52	%	EPA 608	-88	-88	11	113	
2018/19-3	000NONPJ	matrix spike dup	1/30/2019	Pesticide	Endrin aldehyde	n/a	=	0.0787	µg/L	EPA 608	0.003	0.01			IL
2018/19-3	000NONPJ	matrix spike dup, rec	1/30/2019	Pesticide	Endrin aldehyde	n/a	=	79	%	EPA 608	-88	-88	11	113	IL
2018/19-3	000NONPJ	matrix spike, RPD	1/30/2019	Pesticide	Endrin aldehyde	n/a	=	42	%	EPA 608	-88	-88	0	30	IL
2018/19-3	Lab	method blank	1/30/2019	Pesticide	Endrin aldehyde	n/a	<	0.003	µg/L	EPA 608	0.003	0.01			
2018/19-3	Lab	LCS	1/30/2019	Pesticide	Endrin aldehyde	n/a	DNQ	0.0059	µg/L	EPA 608	0.003	0.01			EUM
2018/19-3	Lab	LCS, rec	1/30/2019	Pesticide	Endrin aldehyde	n/a	=	6	%	EPA 608	-88	-88	18	136	EUM
2018/19-3	ME-VR2	matrix spike	1/30/2019	Pesticide	Endrin aldehyde	n/a	=	0.0908	µg/L	EPA 608	0.003	0.01			
2018/19-3	ME-VR2	matrix spike, rec	1/30/2019	Pesticide	Endrin aldehyde	n/a	=	91	%	EPA 608	-88	-88	11	113	
2018/19-3	ME-VR2	matrix spike dup	1/30/2019	Pesticide	Endrin aldehyde	n/a	=	0.1	µg/L	EPA 608	0.003	0.01			
2018/19-3	ME-VR2	matrix spike dup, rec	1/30/2019	Pesticide	Endrin aldehyde	n/a	=	100	%	EPA 608	-88	-88	11	113	
2018/19-3	ME-VR2	matrix spike, RPD	1/30/2019	Pesticide	Endrin aldehyde	n/a	=	10	%	EPA 608	-88	-88	0	30	
2018/19-3	Lab	method blank	2/1/2019	Pesticide	EPTC	n/a	<	0.017	µg/L	EPA 525.2	0.017	1			
2018/19-3	Lab	LCS	2/1/2019	Pesticide	EPTC	n/a	=	4.96	µg/L	EPA 525.2	0.017	1			
2018/19-3	Lab	LCS, rec	2/1/2019	Pesticide	EPTC	n/a	=	99	%	EPA 525.2	-88	-88	70	130	

Appendix F
Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2018/19-3	Lab	LCS dup	2/1/2019	Pesticide	EPTC	n/a	=	4.86	µg/L	EPA 525.2	0.017	1			
2018/19-3	Lab	LCS dup, rec	2/1/2019	Pesticide	EPTC	n/a	=	97	%	EPA 525.2	-88	-88	70	130	
2018/19-3	Lab	LCS, RPD	2/1/2019	Pesticide	EPTC	n/a	=	2	%	EPA 525.2	-88	-88	0	30	
2018/19-3	Lab	LCS	1/25/2019	Pesticide	Ethoprop	n/a	=	0.0519	µg/L	EPA 525.2m	0.0067	0.01			
2018/19-3	Lab	LCS, rec	1/25/2019	Pesticide	Ethoprop	n/a	=	104	%	EPA 525.2m	-88	-88	53	163	
2018/19-3	Lab	method blank	1/25/2019	Pesticide	Ethoprop	n/a	<	0.0067	µg/L	EPA 525.2m	0.0067	0.01			
2018/19-3	ME-VR2	matrix spike	1/25/2019	Pesticide	Ethoprop	n/a	=	0.0645	µg/L	EPA 525.2m	0.0067	0.01			
2018/19-3	ME-VR2	matrix spike, rec	1/25/2019	Pesticide	Ethoprop	n/a	=	129	%	EPA 525.2m	-88	-88	51	167	
2018/19-3	ME-VR2	matrix spike dup	1/25/2019	Pesticide	Ethoprop	n/a	=	0.0647	µg/L	EPA 525.2m	0.0067	0.01			
2018/19-3	ME-VR2	matrix spike dup, rec	1/25/2019	Pesticide	Ethoprop	n/a	=	129	%	EPA 525.2m	-88	-88	51	167	
2018/19-3	ME-VR2	matrix spike, RPD	1/25/2019	Pesticide	Ethoprop	n/a	=	0.2	%	EPA 525.2m	-88	-88	0	30	
2018/19-3	Lab	LCS	1/25/2019	Pesticide	Ethyl parathion	n/a	=	0.0555	µg/L	EPA 525.2m	0.0054	0.01			
2018/19-3	Lab	LCS, rec	1/25/2019	Pesticide	Ethyl parathion	n/a	=	111	%	EPA 525.2m	-88	-88	7	230	
2018/19-3	Lab	method blank	1/25/2019	Pesticide	Ethyl parathion	n/a	<	0.0054	µg/L	EPA 525.2m	0.0054	0.01			
2018/19-3	ME-VR2	matrix spike	1/25/2019	Pesticide	Ethyl parathion	n/a	=	0.0639	µg/L	EPA 525.2m	0.0054	0.01			
2018/19-3	ME-VR2	matrix spike, rec	1/25/2019	Pesticide	Ethyl parathion	n/a	=	128	%	EPA 525.2m	-88	-88	5	229	
2018/19-3	ME-VR2	matrix spike dup	1/25/2019	Pesticide	Ethyl parathion	n/a	=	0.0611	µg/L	EPA 525.2m	0.0054	0.01			
2018/19-3	ME-VR2	matrix spike dup, rec	1/25/2019	Pesticide	Ethyl parathion	n/a	=	122	%	EPA 525.2m	-88	-88	5	229	
2018/19-3	ME-VR2	matrix spike, RPD	1/25/2019	Pesticide	Ethyl parathion	n/a	=	5	%	EPA 525.2m	-88	-88	0	30	
2018/19-3	Lab	LCS	1/25/2019	Pesticide	Fensulfothion	n/a	=	0.12	µg/L	EPA 525.2m	0.0029	0.01			
2018/19-3	Lab	LCS, rec	1/25/2019	Pesticide	Fensulfothion	n/a	=	239	%	EPA 525.2m	-88	-88	0.1	265	
2018/19-3	Lab	method blank	1/25/2019	Pesticide	Fensulfothion	n/a	DNQ	0.0032	µg/L	EPA 525.2m	0.0029	0.01			IP
2018/19-3	ME-VR2	matrix spike	1/25/2019	Pesticide	Fensulfothion	n/a	=	0.13	µg/L	EPA 525.2m	0.0029	0.01			
2018/19-3	ME-VR2	matrix spike, rec	1/25/2019	Pesticide	Fensulfothion	n/a	=	260	%	EPA 525.2m	-88	-88	0.1	316	
2018/19-3	ME-VR2	matrix spike dup	1/25/2019	Pesticide	Fensulfothion	n/a	=	0.131	µg/L	EPA 525.2m	0.0029	0.01			
2018/19-3	ME-VR2	matrix spike dup, rec	1/25/2019	Pesticide	Fensulfothion	n/a	=	262	%	EPA 525.2m	-88	-88	0.1	316	
2018/19-3	ME-VR2	matrix spike, RPD	1/25/2019	Pesticide	Fensulfothion	n/a	=	0.7	%	EPA 525.2m	-88	-88	0	30	
2018/19-3	Lab	LCS	1/25/2019	Pesticide	Fenthion	n/a	=	0.0557	µg/L	EPA 525.2m	0.0038	0.01			
2018/19-3	Lab	LCS, rec	1/25/2019	Pesticide	Fenthion	n/a	=	111	%	EPA 525.2m	-88	-88	20	177	
2018/19-3	Lab	method blank	1/25/2019	Pesticide	Fenthion	n/a	<	0.0038	µg/L	EPA 525.2m	0.0038	0.01			
2018/19-3	ME-VR2	matrix spike	1/25/2019	Pesticide	Fenthion	n/a	=	0.0599	µg/L	EPA 525.2m	0.0038	0.01			
2018/19-3	ME-VR2	matrix spike, rec	1/25/2019	Pesticide	Fenthion	n/a	=	120	%	EPA 525.2m	-88	-88	23	169	
2018/19-3	ME-VR2	matrix spike dup	1/25/2019	Pesticide	Fenthion	n/a	=	0.0551	µg/L	EPA 525.2m	0.0038	0.01			
2018/19-3	ME-VR2	matrix spike dup, rec	1/25/2019	Pesticide	Fenthion	n/a	=	110	%	EPA 525.2m	-88	-88	23	169	
2018/19-3	ME-VR2	matrix spike, RPD	1/25/2019	Pesticide	Fenthion	n/a	=	8	%	EPA 525.2m	-88	-88	0	30	
2018/19-3	000NONPJ	matrix spike	1/30/2019	Pesticide	gamma-BHC (Lindane)	n/a	=	0.0588	µg/L	EPA 608	0.0021	0.02			
2018/19-3	000NONPJ	matrix spike, rec	1/30/2019	Pesticide	gamma-BHC (Lindane)	n/a	=	59	%	EPA 608	-88	-88	33	112	
2018/19-3	000NONPJ	matrix spike dup	1/30/2019	Pesticide	gamma-BHC (Lindane)	n/a	=	0.0622	µg/L	EPA 608	0.0021	0.02			
2018/19-3	000NONPJ	matrix spike dup, rec	1/30/2019	Pesticide	gamma-BHC (Lindane)	n/a	=	62	%	EPA 608	-88	-88	33	112	
2018/19-3	000NONPJ	matrix spike, RPD	1/30/2019	Pesticide	gamma-BHC (Lindane)	n/a	=	6	%	EPA 608	-88	-88	0	30	
2018/19-3	Lab	method blank	1/30/2019	Pesticide	gamma-BHC (Lindane)	n/a	<	0.0021	µg/L	EPA 608	0.0021	0.02			
2018/19-3	Lab	LCS	1/30/2019	Pesticide	gamma-BHC (Lindane)	n/a	=	0.0947	µg/L	EPA 608	0.0021	0.02			
2018/19-3	Lab	LCS, rec	1/30/2019	Pesticide	gamma-BHC (Lindane)	n/a	=	95	%	EPA 608	-88	-88	49	117	
2018/19-3	ME-VR2	matrix spike	1/30/2019	Pesticide	gamma-BHC (Lindane)	n/a	=	0.0721	µg/L	EPA 608	0.0021	0.02			
2018/19-3	ME-VR2	matrix spike, rec	1/30/2019	Pesticide	gamma-BHC (Lindane)	n/a	=	72	%	EPA 608	-88	-88	33	112	
2018/19-3	ME-VR2	matrix spike dup	1/30/2019	Pesticide	gamma-BHC (Lindane)	n/a	=	0.08	µg/L	EPA 608	0.0021	0.02			
2018/19-3	ME-VR2	matrix spike dup, rec	1/30/2019	Pesticide	gamma-BHC (Lindane)	n/a	=	80	%	EPA 608	-88	-88	33	112	

Appendix F
Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2018/19-3	ME-VR2	matrix spike, RPD	1/30/2019	Pesticide	gamma-BHC (Lindane)	n/a	=	10	%	EPA 608	-88	-88	0	30	
2018/19-3	000NONPJ	matrix spike	1/16/2019	Pesticide	Glyphosate	n/a	=	21.9	µg/L	EPA 547	1.8	5			
2018/19-3	000NONPJ	matrix spike, rec	1/16/2019	Pesticide	Glyphosate	n/a	=	88	%	EPA 547	-88	-88	41	149	
2018/19-3	000NONPJ	matrix spike dup	1/16/2019	Pesticide	Glyphosate	n/a	=	24.2	µg/L	EPA 547	1.8	5			
2018/19-3	000NONPJ	matrix spike dup, rec	1/16/2019	Pesticide	Glyphosate	n/a	=	97	%	EPA 547	-88	-88	41	149	
2018/19-3	000NONPJ	matrix spike, RPD	1/16/2019	Pesticide	Glyphosate	n/a	=	10	%	EPA 547	-88	-88	0	30	
2018/19-3	000NONPJ	matrix spike	1/16/2019	Pesticide	Glyphosate	n/a	=	21.6	µg/L	EPA 547	1.8	5			
2018/19-3	000NONPJ	matrix spike, rec	1/16/2019	Pesticide	Glyphosate	n/a	=	86	%	EPA 547	-88	-88	41	149	
2018/19-3	000NONPJ	matrix spike dup	1/16/2019	Pesticide	Glyphosate	n/a	=	22	µg/L	EPA 547	1.8	5			
2018/19-3	000NONPJ	matrix spike dup, rec	1/16/2019	Pesticide	Glyphosate	n/a	=	88	%	EPA 547	-88	-88	41	149	
2018/19-3	000NONPJ	matrix spike, RPD	1/16/2019	Pesticide	Glyphosate	n/a	=	2	%	EPA 547	-88	-88	0	30	
2018/19-3	Lab	method blank	1/10/2019	Pesticide	Glyphosate	n/a	<	1.8	µg/L	EPA 547	1.8	5			
2018/19-3	Lab	LCS	1/10/2019	Pesticide	Glyphosate	n/a	=	23.5	µg/L	EPA 547	1.8	5			
2018/19-3	Lab	LCS, rec	1/10/2019	Pesticide	Glyphosate	n/a	=	94	%	EPA 547	-88	-88	70	130	
2018/19-3	Lab	method blank	1/16/2019	Pesticide	Glyphosate	n/a	<	1.8	µg/L	EPA 547	1.8	5			
2018/19-3	Lab	LCS	1/16/2019	Pesticide	Glyphosate	n/a	=	22.2	µg/L	EPA 547	1.8	5			
2018/19-3	Lab	LCS, rec	1/16/2019	Pesticide	Glyphosate	n/a	=	89	%	EPA 547	-88	-88	70	130	
2018/19-3	ME-CC	matrix spike	1/10/2019	Pesticide	Glyphosate	n/a	=	28.1	µg/L	EPA 547	1.8	5			
2018/19-3	ME-CC	matrix spike, rec	1/10/2019	Pesticide	Glyphosate	n/a	=	88	%	EPA 547	-88	-88	41	149	
2018/19-3	ME-CC	matrix spike dup	1/10/2019	Pesticide	Glyphosate	n/a	=	29.3	µg/L	EPA 547	1.8	5			
2018/19-3	ME-CC	matrix spike dup, rec	1/10/2019	Pesticide	Glyphosate	n/a	=	93	%	EPA 547	-88	-88	41	149	
2018/19-3	ME-CC	matrix spike, RPD	1/10/2019	Pesticide	Glyphosate	n/a	=	4	%	EPA 547	-88	-88	0	30	
2018/19-3	000NONPJ	matrix spike	1/30/2019	Pesticide	Heptachlor	n/a	=	0.0575	µg/L	EPA 608	0.0017	0.01			
2018/19-3	000NONPJ	matrix spike, rec	1/30/2019	Pesticide	Heptachlor	n/a	=	57	%	EPA 608	-88	-88	28	131	
2018/19-3	000NONPJ	matrix spike dup	1/30/2019	Pesticide	Heptachlor	n/a	=	0.0632	µg/L	EPA 608	0.0017	0.01			
2018/19-3	000NONPJ	matrix spike dup, rec	1/30/2019	Pesticide	Heptachlor	n/a	=	63	%	EPA 608	-88	-88	28	131	
2018/19-3	000NONPJ	matrix spike, RPD	1/30/2019	Pesticide	Heptachlor	n/a	=	9	%	EPA 608	-88	-88	0	30	
2018/19-3	Lab	method blank	1/30/2019	Pesticide	Heptachlor	n/a	<	0.0017	µg/L	EPA 608	0.0017	0.01			
2018/19-3	Lab	LCS	1/30/2019	Pesticide	Heptachlor	n/a	=	0.0923	µg/L	EPA 608	0.0017	0.01			
2018/19-3	Lab	LCS, rec	1/30/2019	Pesticide	Heptachlor	n/a	=	92	%	EPA 608	-88	-88	31	130	
2018/19-3	ME-VR2	matrix spike	1/30/2019	Pesticide	Heptachlor	n/a	=	0.0702	µg/L	EPA 608	0.0017	0.01			
2018/19-3	ME-VR2	matrix spike, rec	1/30/2019	Pesticide	Heptachlor	n/a	=	70	%	EPA 608	-88	-88	28	131	
2018/19-3	ME-VR2	matrix spike dup	1/30/2019	Pesticide	Heptachlor	n/a	=	0.078	µg/L	EPA 608	0.0017	0.01			
2018/19-3	ME-VR2	matrix spike dup, rec	1/30/2019	Pesticide	Heptachlor	n/a	=	78	%	EPA 608	-88	-88	28	131	
2018/19-3	ME-VR2	matrix spike, RPD	1/30/2019	Pesticide	Heptachlor	n/a	=	11	%	EPA 608	-88	-88	0	30	
2018/19-3	000NONPJ	matrix spike	1/30/2019	Pesticide	Heptachlor epoxide	n/a	=	0.0572	µg/L	EPA 608	0.0019	0.01			
2018/19-3	000NONPJ	matrix spike, rec	1/30/2019	Pesticide	Heptachlor epoxide	n/a	=	57	%	EPA 608	-88	-88	36	117	
2018/19-3	000NONPJ	matrix spike dup	1/30/2019	Pesticide	Heptachlor epoxide	n/a	=	0.063	µg/L	EPA 608	0.0019	0.01			
2018/19-3	000NONPJ	matrix spike dup, rec	1/30/2019	Pesticide	Heptachlor epoxide	n/a	=	63	%	EPA 608	-88	-88	36	117	
2018/19-3	000NONPJ	matrix spike, RPD	1/30/2019	Pesticide	Heptachlor epoxide	n/a	=	10	%	EPA 608	-88	-88	0	30	
2018/19-3	Lab	method blank	1/30/2019	Pesticide	Heptachlor epoxide	n/a	<	0.0019	µg/L	EPA 608	0.0019	0.01			
2018/19-3	Lab	LCS	1/30/2019	Pesticide	Heptachlor epoxide	n/a	=	0.0945	µg/L	EPA 608	0.0019	0.01			
2018/19-3	Lab	LCS, rec	1/30/2019	Pesticide	Heptachlor epoxide	n/a	=	94	%	EPA 608	-88	-88	49	122	
2018/19-3	ME-VR2	matrix spike	1/30/2019	Pesticide	Heptachlor epoxide	n/a	=	0.071	µg/L	EPA 608	0.0019	0.01			
2018/19-3	ME-VR2	matrix spike, rec	1/30/2019	Pesticide	Heptachlor epoxide	n/a	=	71	%	EPA 608	-88	-88	36	117	
2018/19-3	ME-VR2	matrix spike dup	1/30/2019	Pesticide	Heptachlor epoxide	n/a	=	0.0797	µg/L	EPA 608	0.0019	0.01			
2018/19-3	ME-VR2	matrix spike dup, rec	1/30/2019	Pesticide	Heptachlor epoxide	n/a	=	80	%	EPA 608	-88	-88	36	117	

Appendix F
Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2018/19-3	ME-VR2	matrix spike, RPD	1/30/2019	Pesticide	Heptachlor epoxide	n/a	=	12	%	EPA 608	-88	-88	0	30	
2018/19-3	Lab	LCS	1/25/2019	Pesticide	Malathion	n/a	=	0.0545	µg/L	EPA 525.2m	0.0076	0.01			
2018/19-3	Lab	LCS, rec	1/25/2019	Pesticide	Malathion	n/a	=	109	%	EPA 525.2m	-88	-88	14	175	
2018/19-3	Lab	method blank	1/25/2019	Pesticide	Malathion	n/a	<	0.0076	µg/L	EPA 525.2m	0.0076	0.01			
2018/19-3	ME-VR2	matrix spike	1/25/2019	Pesticide	Malathion	n/a	=	0.0637	µg/L	EPA 525.2m	0.0076	0.01			
2018/19-3	ME-VR2	matrix spike, rec	1/25/2019	Pesticide	Malathion	n/a	=	127	%	EPA 525.2m	-88	-88	6	184	
2018/19-3	ME-VR2	matrix spike dup	1/25/2019	Pesticide	Malathion	n/a	=	0.0598	µg/L	EPA 525.2m	0.0076	0.01			
2018/19-3	ME-VR2	matrix spike dup, rec	1/25/2019	Pesticide	Malathion	n/a	=	120	%	EPA 525.2m	-88	-88	6	184	
2018/19-3	ME-VR2	matrix spike, RPD	1/25/2019	Pesticide	Malathion	n/a	=	6	%	EPA 525.2m	-88	-88	0	30	
2018/19-3	Lab	LCS	1/25/2019	Pesticide	Merphos	n/a	=	0.105	µg/L	EPA 525.2m	0.0058	0.01			EUM
2018/19-3	Lab	LCS, rec	1/25/2019	Pesticide	Merphos	n/a	=	209	%	EPA 525.2m	-88	-88	28	181	EUM
2018/19-3	Lab	method blank	1/25/2019	Pesticide	Merphos	n/a	=	0.0126	µg/L	EPA 525.2m	0.0058	0.01			IP
2018/19-3	ME-VR2	matrix spike	1/25/2019	Pesticide	Merphos	n/a	=	0.104	µg/L	EPA 525.2m	0.0058	0.01			
2018/19-3	ME-VR2	matrix spike, rec	1/25/2019	Pesticide	Merphos	n/a	=	208	%	EPA 525.2m	-88	-88	3	210	
2018/19-3	ME-VR2	matrix spike dup	1/25/2019	Pesticide	Merphos	n/a	=	0.111	µg/L	EPA 525.2m	0.0058	0.01			GB
2018/19-3	ME-VR2	matrix spike dup, rec	1/25/2019	Pesticide	Merphos	n/a	=	221	%	EPA 525.2m	-88	-88	3	210	GB
2018/19-3	ME-VR2	matrix spike, RPD	1/25/2019	Pesticide	Merphos	n/a	=	6	%	EPA 525.2m	-88	-88	0	30	GB
2018/19-3	Lab	LCS	1/25/2019	Pesticide	Methyl parathion	n/a	=	0.0566	µg/L	EPA 525.2m	0.0063	0.01			
2018/19-3	Lab	LCS, rec	1/25/2019	Pesticide	Methyl parathion	n/a	=	113	%	EPA 525.2m	-88	-88	0.1	252	
2018/19-3	Lab	method blank	1/25/2019	Pesticide	Methyl parathion	n/a	<	0.0063	µg/L	EPA 525.2m	0.0063	0.01			
2018/19-3	ME-VR2	matrix spike	1/25/2019	Pesticide	Methyl parathion	n/a	=	0.0671	µg/L	EPA 525.2m	0.0063	0.01			
2018/19-3	ME-VR2	matrix spike, rec	1/25/2019	Pesticide	Methyl parathion	n/a	=	134	%	EPA 525.2m	-88	-88	0.1	249	
2018/19-3	ME-VR2	matrix spike dup	1/25/2019	Pesticide	Methyl parathion	n/a	=	0.0639	µg/L	EPA 525.2m	0.0063	0.01			
2018/19-3	ME-VR2	matrix spike dup, rec	1/25/2019	Pesticide	Methyl parathion	n/a	=	128	%	EPA 525.2m	-88	-88	0.1	249	
2018/19-3	ME-VR2	matrix spike, RPD	1/25/2019	Pesticide	Methyl parathion	n/a	=	5	%	EPA 525.2m	-88	-88	0	30	
2018/19-3	Lab	method blank	2/1/2019	Pesticide	Metolachlor	n/a	<	0.012	µg/L	EPA 525.2	0.012	0.1			
2018/19-3	Lab	LCS	2/1/2019	Pesticide	Metolachlor	n/a	=	4.99	µg/L	EPA 525.2	0.012	0.1			
2018/19-3	Lab	LCS, rec	2/1/2019	Pesticide	Metolachlor	n/a	=	100	%	EPA 525.2	-88	-88	60	130	
2018/19-3	Lab	LCS dup	2/1/2019	Pesticide	Metolachlor	n/a	=	5.34	µg/L	EPA 525.2	0.012	0.1			
2018/19-3	Lab	LCS dup, rec	2/1/2019	Pesticide	Metolachlor	n/a	=	107	%	EPA 525.2	-88	-88	60	130	
2018/19-3	Lab	LCS, RPD	2/1/2019	Pesticide	Metolachlor	n/a	=	7	%	EPA 525.2	-88	-88	0	30	
2018/19-3	Lab	method blank	2/1/2019	Pesticide	Metribuzin	n/a	<	0.015	µg/L	EPA 525.2	0.015	0.1			
2018/19-3	Lab	LCS	2/1/2019	Pesticide	Metribuzin	n/a	=	5.03	µg/L	EPA 525.2	0.015	0.1			
2018/19-3	Lab	LCS, rec	2/1/2019	Pesticide	Metribuzin	n/a	=	101	%	EPA 525.2	-88	-88	50	120	
2018/19-3	Lab	LCS dup	2/1/2019	Pesticide	Metribuzin	n/a	=	5.18	µg/L	EPA 525.2	0.015	0.1			
2018/19-3	Lab	LCS dup, rec	2/1/2019	Pesticide	Metribuzin	n/a	=	104	%	EPA 525.2	-88	-88	50	120	
2018/19-3	Lab	LCS, RPD	2/1/2019	Pesticide	Metribuzin	n/a	=	3	%	EPA 525.2	-88	-88	0	30	
2018/19-3	Lab	LCS	1/25/2019	Pesticide	Mevinphos	n/a	=	0.0463	µg/L	EPA 525.2m	0.0042	0.01			
2018/19-3	Lab	LCS, rec	1/25/2019	Pesticide	Mevinphos	n/a	=	93	%	EPA 525.2m	-88	-88	14	202	
2018/19-3	Lab	method blank	1/25/2019	Pesticide	Mevinphos	n/a	<	0.0042	µg/L	EPA 525.2m	0.0042	0.01			
2018/19-3	ME-VR2	matrix spike	1/25/2019	Pesticide	Mevinphos	n/a	=	0.0543	µg/L	EPA 525.2m	0.0042	0.01			
2018/19-3	ME-VR2	matrix spike, rec	1/25/2019	Pesticide	Mevinphos	n/a	=	109	%	EPA 525.2m	-88	-88	25	189	
2018/19-3	ME-VR2	matrix spike dup	1/25/2019	Pesticide	Mevinphos	n/a	=	0.0529	µg/L	EPA 525.2m	0.0042	0.01			
2018/19-3	ME-VR2	matrix spike dup, rec	1/25/2019	Pesticide	Mevinphos	n/a	=	106	%	EPA 525.2m	-88	-88	25	189	
2018/19-3	ME-VR2	matrix spike, RPD	1/25/2019	Pesticide	Mevinphos	n/a	=	3	%	EPA 525.2m	-88	-88	0	30	
2018/19-3	Lab	method blank	2/1/2019	Pesticide	Molinate	n/a	<	0.039	µg/L	EPA 525.2	0.039	0.1			
2018/19-3	Lab	LCS	2/1/2019	Pesticide	Molinate	n/a	=	4.95	µg/L	EPA 525.2	0.039	0.1			

Appendix F
Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2018/19-3	Lab	LCS, rec	2/1/2019	Pesticide	Molinate	n/a	=	99	%	EPA 525.2	-88	-88	70	130	
2018/19-3	Lab	LCS dup	2/1/2019	Pesticide	Molinate	n/a	=	4.97	µg/L	EPA 525.2	0.039	0.1			
2018/19-3	Lab	LCS dup, rec	2/1/2019	Pesticide	Molinate	n/a	=	99	%	EPA 525.2	-88	-88	70	130	
2018/19-3	Lab	LCS, RPD	2/1/2019	Pesticide	Molinate	n/a	=	0.5	%	EPA 525.2	-88	-88	0	30	
2018/19-3	Lab	LCS	1/25/2019	Pesticide	Naled	n/a	=	0.0715	µg/L	EPA 525.2m	0.0076	0.01			
2018/19-3	Lab	LCS, rec	1/25/2019	Pesticide	Naled	n/a	=	143	%	EPA 525.2m	-88	-88	0.1	240	
2018/19-3	Lab	method blank	1/25/2019	Pesticide	Naled	n/a	<	0.0076	µg/L	EPA 525.2m	0.0076	0.01			
2018/19-3	ME-VR2	matrix spike	1/25/2019	Pesticide	Naled	n/a	=	0.111	µg/L	EPA 525.2m	0.0076	0.01			
2018/19-3	ME-VR2	matrix spike, rec	1/25/2019	Pesticide	Naled	n/a	=	221	%	EPA 525.2m	-88	-88	0.1	242	
2018/19-3	ME-VR2	matrix spike dup	1/25/2019	Pesticide	Naled	n/a	DNQ	0.0098	µg/L	EPA 525.2m	0.0076	0.01			IL
2018/19-3	ME-VR2	matrix spike dup, rec	1/25/2019	Pesticide	Naled	n/a	=	20	%	EPA 525.2m	-88	-88	0.1	242	IL
2018/19-3	ME-VR2	matrix spike, RPD	1/25/2019	Pesticide	Naled	n/a	=	168	%	EPA 525.2m	-88	-88	0	30	IL
2018/19-3	000NONPJ	matrix spike	1/15/2019	Pesticide	Pentachlorophenol	n/a	=	3.99	µg/L	EPA 515.3	0.04	0.2			
2018/19-3	000NONPJ	matrix spike, rec	1/15/2019	Pesticide	Pentachlorophenol	n/a	=	100	%	EPA 515.3	-88	-88	70	130	
2018/19-3	000NONPJ	matrix spike dup	1/15/2019	Pesticide	Pentachlorophenol	n/a	=	3.79	µg/L	EPA 515.3	0.04	0.2			
2018/19-3	000NONPJ	matrix spike dup, rec	1/15/2019	Pesticide	Pentachlorophenol	n/a	=	95	%	EPA 515.3	-88	-88	70	130	
2018/19-3	000NONPJ	matrix spike, RPD	1/15/2019	Pesticide	Pentachlorophenol	n/a	=	5	%	EPA 515.3	-88	-88	0	30	
2018/19-3	000NONPJ	matrix spike	1/15/2019	Pesticide	Pentachlorophenol	n/a	=	4.18	µg/L	EPA 515.3	0.04	0.2			
2018/19-3	000NONPJ	matrix spike, rec	1/15/2019	Pesticide	Pentachlorophenol	n/a	=	105	%	EPA 515.3	-88	-88	70	130	
2018/19-3	000NONPJ	matrix spike dup	1/15/2019	Pesticide	Pentachlorophenol	n/a	=	4.28	µg/L	EPA 515.3	0.04	0.2			
2018/19-3	000NONPJ	matrix spike dup, rec	1/15/2019	Pesticide	Pentachlorophenol	n/a	=	107	%	EPA 515.3	-88	-88	70	130	
2018/19-3	000NONPJ	matrix spike, RPD	1/15/2019	Pesticide	Pentachlorophenol	n/a	=	2	%	EPA 515.3	-88	-88	0	30	
2018/19-3	Lab	method blank	1/15/2019	Pesticide	Pentachlorophenol	n/a	<	0.04	µg/L	EPA 515.3	0.04	0.2			
2018/19-3	Lab	LCS	1/15/2019	Pesticide	Pentachlorophenol	n/a	=	3.91	µg/L	EPA 515.3	0.04	0.2			
2018/19-3	Lab	LCS, rec	1/15/2019	Pesticide	Pentachlorophenol	n/a	=	98	%	EPA 515.3	-88	-88	70	130	
2018/19-3	Lab	method blank	1/29/2019	Pesticide	Pentachlorophenol	n/a	<	0.19	µg/L	EPA 625	0.19	1			
2018/19-3	Lab	LCS	1/29/2019	Pesticide	Pentachlorophenol	n/a	=	19.3	µg/L	EPA 625	0.19	1			
2018/19-3	Lab	LCS, rec	1/29/2019	Pesticide	Pentachlorophenol	n/a	=	77	%	EPA 625	-88	-88	14	176	
2018/19-3	Lab	LCS dup	1/29/2019	Pesticide	Pentachlorophenol	n/a	=	18.3	µg/L	EPA 625	0.19	1			
2018/19-3	Lab	LCS dup, rec	1/29/2019	Pesticide	Pentachlorophenol	n/a	=	73	%	EPA 625	-88	-88	14	176	
2018/19-3	Lab	LCS, RPD	1/29/2019	Pesticide	Pentachlorophenol	n/a	=	5	%	EPA 625	-88	-88	0	30	
2018/19-3	Lab	method blank	2/5/2019	Pesticide	Pentachlorophenol	n/a	<	0.15	µg/L	EPA 8270C	0.15	1			
2018/19-3	Lab	LCS	2/5/2019	Pesticide	Pentachlorophenol	n/a	=	10.4	µg/L	EPA 8270C	0.15	1			
2018/19-3	Lab	LCS, rec	2/5/2019	Pesticide	Pentachlorophenol	n/a	=	104	%	EPA 8270C	-88	-88	29	106	
2018/19-3	Lab	LCS dup	2/5/2019	Pesticide	Pentachlorophenol	n/a	=	10.6	µg/L	EPA 8270C	0.15	1			
2018/19-3	Lab	LCS dup, rec	2/5/2019	Pesticide	Pentachlorophenol	n/a	=	106	%	EPA 8270C	-88	-88	29	106	
2018/19-3	Lab	LCS, RPD	2/5/2019	Pesticide	Pentachlorophenol	n/a	=	2	%	EPA 8270C	-88	-88	0	30	
2018/19-3	Lab	LCS	1/25/2019	Pesticide	Phorate	n/a	=	0.0496	µg/L	EPA 525.2m	0.003	0.01			
2018/19-3	Lab	LCS, rec	1/25/2019	Pesticide	Phorate	n/a	=	99	%	EPA 525.2m	-88	-88	26	180	
2018/19-3	Lab	method blank	1/25/2019	Pesticide	Phorate	n/a	<	0.003	µg/L	EPA 525.2m	0.003	0.01			
2018/19-3	ME-VR2	matrix spike	1/25/2019	Pesticide	Phorate	n/a	=	0.0616	µg/L	EPA 525.2m	0.003	0.01			
2018/19-3	ME-VR2	matrix spike, rec	1/25/2019	Pesticide	Phorate	n/a	=	123	%	EPA 525.2m	-88	-88	31	181	
2018/19-3	ME-VR2	matrix spike dup	1/25/2019	Pesticide	Phorate	n/a	=	0.0608	µg/L	EPA 525.2m	0.003	0.01			
2018/19-3	ME-VR2	matrix spike dup, rec	1/25/2019	Pesticide	Phorate	n/a	=	122	%	EPA 525.2m	-88	-88	31	181	
2018/19-3	ME-VR2	matrix spike, RPD	1/25/2019	Pesticide	Phorate	n/a	=	1	%	EPA 525.2m	-88	-88	0	30	
2018/19-3	000NONPJ	matrix spike	1/15/2019	Pesticide	Picloram	n/a	=	4.23	µg/L	EPA 515.3	0.05	0.6			
2018/19-3	000NONPJ	matrix spike, rec	1/15/2019	Pesticide	Picloram	n/a	=	106	%	EPA 515.3	-88	-88	70	130	

Appendix F
Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2018/19-3	000NONPJ	matrix spike dup	1/15/2019	Pesticide	Picloram	n/a	=	3.96	µg/L	EPA 515.3	0.05	0.6			
2018/19-3	000NONPJ	matrix spike dup, rec	1/15/2019	Pesticide	Picloram	n/a	=	99	%	EPA 515.3	-88	-88	70	130	
2018/19-3	000NONPJ	matrix spike, RPD	1/15/2019	Pesticide	Picloram	n/a	=	7	%	EPA 515.3	-88	-88	0	30	
2018/19-3	000NONPJ	matrix spike	1/15/2019	Pesticide	Picloram	n/a	=	4.29	µg/L	EPA 515.3	0.05	0.6			
2018/19-3	000NONPJ	matrix spike, rec	1/15/2019	Pesticide	Picloram	n/a	=	107	%	EPA 515.3	-88	-88	70	130	
2018/19-3	000NONPJ	matrix spike dup	1/15/2019	Pesticide	Picloram	n/a	=	4.38	µg/L	EPA 515.3	0.05	0.6			
2018/19-3	000NONPJ	matrix spike dup, rec	1/15/2019	Pesticide	Picloram	n/a	=	110	%	EPA 515.3	-88	-88	70	130	
2018/19-3	000NONPJ	matrix spike, RPD	1/15/2019	Pesticide	Picloram	n/a	=	2	%	EPA 515.3	-88	-88	0	30	
2018/19-3	Lab	method blank	1/15/2019	Pesticide	Picloram	n/a	<	0.05	µg/L	EPA 515.3	0.05	0.6			
2018/19-3	Lab	LCS	1/15/2019	Pesticide	Picloram	n/a	=	4	µg/L	EPA 515.3	0.05	0.6			
2018/19-3	Lab	LCS, rec	1/15/2019	Pesticide	Picloram	n/a	=	100	%	EPA 515.3	-88	-88	70	130	
2018/19-3	Lab	method blank	2/1/2019	Pesticide	Prometon	n/a	<	0.024	µg/L	EPA 525.2	0.024	0.2			
2018/19-3	Lab	LCS	2/1/2019	Pesticide	Prometon	n/a	=	1.61	µg/L	EPA 525.2	0.024	0.2			
2018/19-3	Lab	LCS, rec	2/1/2019	Pesticide	Prometon	n/a	=	32	%	EPA 525.2	-88	-88	15	120	
2018/19-3	Lab	LCS dup	2/1/2019	Pesticide	Prometon	n/a	=	1.49	µg/L	EPA 525.2	0.024	0.2			
2018/19-3	Lab	LCS dup, rec	2/1/2019	Pesticide	Prometon	n/a	=	30	%	EPA 525.2	-88	-88	15	120	
2018/19-3	Lab	LCS, RPD	2/1/2019	Pesticide	Prometon	n/a	=	8	%	EPA 525.2	-88	-88	0	30	
2018/19-3	Lab	method blank	2/1/2019	Pesticide	Prometryn	n/a	<	0.036	µg/L	EPA 525.2	0.036	0.1			
2018/19-3	Lab	LCS	2/1/2019	Pesticide	Prometryn	n/a	=	3.89	µg/L	EPA 525.2	0.036	0.1			
2018/19-3	Lab	LCS, rec	2/1/2019	Pesticide	Prometryn	n/a	=	78	%	EPA 525.2	-88	-88	30	120	
2018/19-3	Lab	LCS dup	2/1/2019	Pesticide	Prometryn	n/a	=	3.74	µg/L	EPA 525.2	0.036	0.1			
2018/19-3	Lab	LCS dup, rec	2/1/2019	Pesticide	Prometryn	n/a	=	75	%	EPA 525.2	-88	-88	30	120	
2018/19-3	Lab	LCS, RPD	2/1/2019	Pesticide	Prometryn	n/a	=	4	%	EPA 525.2	-88	-88	0	30	
2018/19-3	Lab	LCS	1/25/2019	Pesticide	Ronnel (Fenclorphos)	n/a	=	0.0509	µg/L	EPA 525.2m	0.0041	0.01			
2018/19-3	Lab	LCS, rec	1/25/2019	Pesticide	Ronnel (Fenclorphos)	n/a	=	102	%	EPA 525.2m	-88	-88	34	154	
2018/19-3	Lab	method blank	1/25/2019	Pesticide	Ronnel (Fenclorphos)	n/a	<	0.0041	µg/L	EPA 525.2m	0.0041	0.01			
2018/19-3	ME-VR2	matrix spike	1/25/2019	Pesticide	Ronnel (Fenclorphos)	n/a	=	0.0579	µg/L	EPA 525.2m	0.0041	0.01			
2018/19-3	ME-VR2	matrix spike, rec	1/25/2019	Pesticide	Ronnel (Fenclorphos)	n/a	=	116	%	EPA 525.2m	-88	-88	29	153	
2018/19-3	ME-VR2	matrix spike dup	1/25/2019	Pesticide	Ronnel (Fenclorphos)	n/a	=	0.0542	µg/L	EPA 525.2m	0.0041	0.01			
2018/19-3	ME-VR2	matrix spike dup, rec	1/25/2019	Pesticide	Ronnel (Fenclorphos)	n/a	=	108	%	EPA 525.2m	-88	-88	29	153	
2018/19-3	ME-VR2	matrix spike, RPD	1/25/2019	Pesticide	Ronnel (Fenclorphos)	n/a	=	7	%	EPA 525.2m	-88	-88	0	30	
2018/19-3	Lab	method blank	2/1/2019	Pesticide	Simazine	n/a	<	0.015	µg/L	EPA 525.2	0.015	0.1			
2018/19-3	Lab	LCS	2/1/2019	Pesticide	Simazine	n/a	=	4.57	µg/L	EPA 525.2	0.015	0.1			
2018/19-3	Lab	LCS, rec	2/1/2019	Pesticide	Simazine	n/a	=	91	%	EPA 525.2	-88	-88	60	130	
2018/19-3	Lab	LCS dup	2/1/2019	Pesticide	Simazine	n/a	=	5.02	µg/L	EPA 525.2	0.015	0.1			
2018/19-3	Lab	LCS dup, rec	2/1/2019	Pesticide	Simazine	n/a	=	100	%	EPA 525.2	-88	-88	60	130	
2018/19-3	Lab	LCS, RPD	2/1/2019	Pesticide	Simazine	n/a	=	9	%	EPA 525.2	-88	-88	0	30	
2018/19-3	Lab	LCS	1/25/2019	Pesticide	Stirophos (Tetrachlorvinphos)	n/a	=	0.0693	µg/L	EPA 525.2m	0.0031	0.01			
2018/19-3	Lab	LCS, rec	1/25/2019	Pesticide	Stirophos (Tetrachlorvinphos)	n/a	=	139	%	EPA 525.2m	-88	-88	0.1	188	
2018/19-3	Lab	method blank	1/25/2019	Pesticide	Stirophos (Tetrachlorvinphos)	n/a	<	0.0031	µg/L	EPA 525.2m	0.0031	0.01			
2018/19-3	ME-VR2	matrix spike	1/25/2019	Pesticide	Stirophos (Tetrachlorvinphos)	n/a	=	0.0783	µg/L	EPA 525.2m	0.0031	0.01			
2018/19-3	ME-VR2	matrix spike, rec	1/25/2019	Pesticide	Stirophos (Tetrachlorvinphos)	n/a	=	157	%	EPA 525.2m	-88	-88	0.1	167	
2018/19-3	ME-VR2	matrix spike dup	1/25/2019	Pesticide	Stirophos (Tetrachlorvinphos)	n/a	=	0.0657	µg/L	EPA 525.2m	0.0031	0.01			
2018/19-3	ME-VR2	matrix spike dup, rec	1/25/2019	Pesticide	Stirophos (Tetrachlorvinphos)	n/a	=	131	%	EPA 525.2m	-88	-88	0.1	167	
2018/19-3	ME-VR2	matrix spike, RPD	1/25/2019	Pesticide	Stirophos (Tetrachlorvinphos)	n/a	=	18	%	EPA 525.2m	-88	-88	0	30	
2018/19-3	Lab	method blank	2/1/2019	Pesticide	Terbacil	n/a	<	0.55	µg/L	EPA 525.2	0.55	2			
2018/19-3	Lab	LCS	2/1/2019	Pesticide	Terbacil	n/a	=	5.22	µg/L	EPA 525.2	0.55	2			

Appendix F
Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2018/19-3	Lab	LCS, rec	2/1/2019	Pesticide	Terbacil	n/a	=	104	%	EPA 525.2	-88	-88	70	130	
2018/19-3	Lab	LCS dup	2/1/2019	Pesticide	Terbacil	n/a	=	5.01	µg/L	EPA 525.2	0.55	2			
2018/19-3	Lab	LCS dup, rec	2/1/2019	Pesticide	Terbacil	n/a	=	100	%	EPA 525.2	-88	-88	70	130	
2018/19-3	Lab	LCS, RPD	2/1/2019	Pesticide	Terbacil	n/a	=	4	%	EPA 525.2	-88	-88	0	30	
2018/19-3	Lab	method blank	2/1/2019	Pesticide	Thiobencarb	n/a	<	0.025	µg/L	EPA 525.2	0.025	0.2			
2018/19-3	Lab	LCS	2/1/2019	Pesticide	Thiobencarb	n/a	=	4.83	µg/L	EPA 525.2	0.025	0.2			
2018/19-3	Lab	LCS, rec	2/1/2019	Pesticide	Thiobencarb	n/a	=	97	%	EPA 525.2	-88	-88	70	130	
2018/19-3	Lab	LCS dup	2/1/2019	Pesticide	Thiobencarb	n/a	=	5.26	µg/L	EPA 525.2	0.025	0.2			
2018/19-3	Lab	LCS dup, rec	2/1/2019	Pesticide	Thiobencarb	n/a	=	105	%	EPA 525.2	-88	-88	70	130	
2018/19-3	Lab	LCS, RPD	2/1/2019	Pesticide	Thiobencarb	n/a	=	9	%	EPA 525.2	-88	-88	0	30	
2018/19-3	Lab	LCS	1/25/2019	Pesticide	Tokuthion	n/a	=	0.0455	µg/L	EPA 525.2m	0.0078	0.01			
2018/19-3	Lab	LCS, rec	1/25/2019	Pesticide	Tokuthion	n/a	=	91	%	EPA 525.2m	-88	-88	23	159	
2018/19-3	Lab	method blank	1/25/2019	Pesticide	Tokuthion	n/a	<	0.0078	µg/L	EPA 525.2m	0.0078	0.01			
2018/19-3	ME-VR2	matrix spike	1/25/2019	Pesticide	Tokuthion	n/a	=	0.0441	µg/L	EPA 525.2m	0.0078	0.01			
2018/19-3	ME-VR2	matrix spike, rec	1/25/2019	Pesticide	Tokuthion	n/a	=	88	%	EPA 525.2m	-88	-88	27	160	
2018/19-3	ME-VR2	matrix spike dup	1/25/2019	Pesticide	Tokuthion	n/a	=	0.0463	µg/L	EPA 525.2m	0.0078	0.01			
2018/19-3	ME-VR2	matrix spike dup, rec	1/25/2019	Pesticide	Tokuthion	n/a	=	93	%	EPA 525.2m	-88	-88	27	160	
2018/19-3	ME-VR2	matrix spike, RPD	1/25/2019	Pesticide	Tokuthion	n/a	=	5	%	EPA 525.2m	-88	-88	0	30	
2018/19-3	Lab	LCS	1/25/2019	Pesticide	Trichloronate	n/a	=	0.047	µg/L	EPA 525.2m	0.0067	0.01			
2018/19-3	Lab	LCS, rec	1/25/2019	Pesticide	Trichloronate	n/a	=	94	%	EPA 525.2m	-88	-88	34	153	
2018/19-3	Lab	method blank	1/25/2019	Pesticide	Trichloronate	n/a	<	0.0067	µg/L	EPA 525.2m	0.0067	0.01			
2018/19-3	ME-VR2	matrix spike	1/25/2019	Pesticide	Trichloronate	n/a	=	0.0513	µg/L	EPA 525.2m	0.0067	0.01			
2018/19-3	ME-VR2	matrix spike, rec	1/25/2019	Pesticide	Trichloronate	n/a	=	103	%	EPA 525.2m	-88	-88	40	150	
2018/19-3	ME-VR2	matrix spike dup	1/25/2019	Pesticide	Trichloronate	n/a	=	0.0456	µg/L	EPA 525.2m	0.0067	0.01			
2018/19-3	ME-VR2	matrix spike dup, rec	1/25/2019	Pesticide	Trichloronate	n/a	=	91	%	EPA 525.2m	-88	-88	40	150	
2018/19-3	ME-VR2	matrix spike, RPD	1/25/2019	Pesticide	Trichloronate	n/a	=	12	%	EPA 525.2m	-88	-88	0	30	
2018/19-3	Lab	method blank	2/1/2019	Pesticide	Trithion	n/a	<	0.012	µg/L	EPA 525.2	0.012	0.1			
2018/19-3	Lab	LCS	2/1/2019	Pesticide	Trithion	n/a	=	4.57	µg/L	EPA 525.2	0.012	0.1			
2018/19-3	Lab	LCS, rec	2/1/2019	Pesticide	Trithion	n/a	=	91	%	EPA 525.2	-88	-88	70	130	
2018/19-3	Lab	LCS dup	2/1/2019	Pesticide	Trithion	n/a	=	4.63	µg/L	EPA 525.2	0.012	0.1			
2018/19-3	Lab	LCS dup, rec	2/1/2019	Pesticide	Trithion	n/a	=	93	%	EPA 525.2	-88	-88	70	130	
2018/19-3	Lab	LCS, RPD	2/1/2019	Pesticide	Trithion	n/a	=	1	%	EPA 525.2	-88	-88	0	30	
2018/19-4	000NONPJ	matrix spike	2/4/2019	Anion	Chloride	n/a	=	311	mg/L	EPA 300.0	1	5			
2018/19-4	000NONPJ	matrix spike	2/4/2019	Anion	Chloride	n/a	=	694	mg/L	EPA 300.0	1	5			GB
2018/19-4	000NONPJ	matrix spike dup	2/4/2019	Anion	Chloride	n/a	=	312	mg/L	EPA 300.0	1	5			
2018/19-4	000NONPJ	matrix spike dup	2/4/2019	Anion	Chloride	n/a	=	694	mg/L	EPA 300.0	1	5			GB
2018/19-4	000NONPJ	matrix spike dup, rec	2/4/2019	Anion	Chloride	n/a	=	106	%	EPA 300.0	-88	-88	76	118	
2018/19-4	000NONPJ	matrix spike dup, rec	2/4/2019	Anion	Chloride	n/a	=	127	%	EPA 300.0	-88	-88	76	118	GB
2018/19-4	000NONPJ	matrix spike, rec	2/4/2019	Anion	Chloride	n/a	=	106	%	EPA 300.0	-88	-88	76	118	
2018/19-4	000NONPJ	matrix spike, rec	2/4/2019	Anion	Chloride	n/a	=	127	%	EPA 300.0	-88	-88	76	118	GB
2018/19-4	000NONPJ	matrix spike, RPD	2/4/2019	Anion	Chloride	n/a	=	0.2	%	EPA 300.0	-88	-88	0	20	
2018/19-4	000NONPJ	matrix spike, RPD	2/4/2019	Anion	Chloride	n/a	=	0.02	%	EPA 300.0	-88	-88	0	20	GB
2018/19-4	Lab	LCS	2/4/2019	Anion	Chloride	n/a	=	19.4	mg/L	EPA 300.0	0.1	0.5			
2018/19-4	Lab	LCS, rec	2/4/2019	Anion	Chloride	n/a	=	97	%	EPA 300.0	-88	-88	90	110	
2018/19-4	Lab	method blank	2/4/2019	Anion	Chloride	n/a	<	0.1	mg/L	EPA 300.0	0.1	0.5			
2018/19-4	000NONPJ	matrix spike	2/4/2019	Anion	Fluoride	n/a	=	21.5	mg/L	EPA 300.0	0.2	1			
2018/19-4	000NONPJ	matrix spike	2/4/2019	Anion	Fluoride	n/a	=	20.9	mg/L	EPA 300.0	0.2	1			

Appendix F
Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2018/19-4	000NONPJ	matrix spike dup	2/4/2019	Anion	Fluoride	n/a	=	21.6	mg/L	EPA 300.0	0.2	1			
2018/19-4	000NONPJ	matrix spike dup	2/4/2019	Anion	Fluoride	n/a	=	21.8	mg/L	EPA 300.0	0.2	1			
2018/19-4	000NONPJ	matrix spike dup, rec	2/4/2019	Anion	Fluoride	n/a	=	105	%	EPA 300.0	-88	-88	86	107	
2018/19-4	000NONPJ	matrix spike dup, rec	2/4/2019	Anion	Fluoride	n/a	=	107	%	EPA 300.0	-88	-88	86	107	
2018/19-4	000NONPJ	matrix spike, rec	2/4/2019	Anion	Fluoride	n/a	=	103	%	EPA 300.0	-88	-88	86	107	
2018/19-4	000NONPJ	matrix spike, rec	2/4/2019	Anion	Fluoride	n/a	=	105	%	EPA 300.0	-88	-88	86	107	
2018/19-4	000NONPJ	matrix spike, RPD	2/4/2019	Anion	Fluoride	n/a	=	4	%	EPA 300.0	-88	-88	0	20	
2018/19-4	000NONPJ	matrix spike, RPD	2/4/2019	Anion	Fluoride	n/a	=	0.09	%	EPA 300.0	-88	-88	0	20	
2018/19-4	Lab	LCS	2/4/2019	Anion	Fluoride	n/a	=	2.1	mg/L	EPA 300.0	0.02	0.1			
2018/19-4	Lab	LCS, rec	2/4/2019	Anion	Fluoride	n/a	=	105	%	EPA 300.0	-88	-88	90	110	
2018/19-4	Lab	method blank	2/4/2019	Anion	Fluoride	n/a	<	0.02	mg/L	EPA 300.0	0.02	0.1			
2018/19-4	000NONPJ	matrix spike	2/12/2019	Anion	Perchlorate	n/a	=	8.51	µg/L	EPA 314.0	0.95	2			
2018/19-4	000NONPJ	matrix spike, rec	2/12/2019	Anion	Perchlorate	n/a	=	85	%	EPA 314.0	-88	-88	80	120	
2018/19-4	000NONPJ	matrix spike dup	2/12/2019	Anion	Perchlorate	n/a	=	8.41	µg/L	EPA 314.0	0.95	2			
2018/19-4	000NONPJ	matrix spike dup, rec	2/12/2019	Anion	Perchlorate	n/a	=	84	%	EPA 314.0	-88	-88	80	120	
2018/19-4	000NONPJ	matrix spike, RPD	2/12/2019	Anion	Perchlorate	n/a	=	1	%	EPA 314.0	-88	-88	0	15	
2018/19-4	Lab	method blank	2/12/2019	Anion	Perchlorate	n/a	<	0.95	µg/L	EPA 314.0	0.95	2			
2018/19-4	Lab	LCS	2/12/2019	Anion	Perchlorate	n/a	=	9.75	µg/L	EPA 314.0	0.95	2			
2018/19-4	Lab	LCS, rec	2/12/2019	Anion	Perchlorate	n/a	=	97	%	EPA 314.0	-88	-88	85	115	
2018/19-4	000NONPJ	matrix spike	2/4/2019	Anion	Sulfate	Total	=	381	mg/L	EPA 300.0	1	5			
2018/19-4	000NONPJ	matrix spike	2/4/2019	Anion	Sulfate	Total	=	451	mg/L	EPA 300.0	1	5			GB
2018/19-4	000NONPJ	matrix spike dup	2/4/2019	Anion	Sulfate	Total	=	380	mg/L	EPA 300.0	1	5			
2018/19-4	000NONPJ	matrix spike dup	2/4/2019	Anion	Sulfate	Total	=	453	mg/L	EPA 300.0	1	5			GB
2018/19-4	000NONPJ	matrix spike dup, rec	2/4/2019	Anion	Sulfate	Total	=	119	%	EPA 300.0	-88	-88	78	111	GB
2018/19-4	000NONPJ	matrix spike dup, rec	2/4/2019	Anion	Sulfate	Total	=	108	%	EPA 300.0	-88	-88	78	111	
2018/19-4	000NONPJ	matrix spike, rec	2/4/2019	Anion	Sulfate	Total	=	118	%	EPA 300.0	-88	-88	78	111	GB
2018/19-4	000NONPJ	matrix spike, rec	2/4/2019	Anion	Sulfate	Total	=	108	%	EPA 300.0	-88	-88	78	111	
2018/19-4	000NONPJ	matrix spike, RPD	2/4/2019	Anion	Sulfate	Total	=	0.1	%	EPA 300.0	-88	-88	0	20	
2018/19-4	000NONPJ	matrix spike, RPD	2/4/2019	Anion	Sulfate	Total	=	0.3	%	EPA 300.0	-88	-88	0	20	GB
2018/19-4	Lab	LCS	2/4/2019	Anion	Sulfate	Total	=	20.1	mg/L	EPA 300.0	0.1	0.5			
2018/19-4	Lab	LCS, rec	2/4/2019	Anion	Sulfate	Total	=	101	%	EPA 300.0	-88	-88	90	110	
2018/19-4	Lab	method blank	2/4/2019	Anion	Sulfate	Total	<	0.1	mg/L	EPA 300.0	0.1	0.5			
2018/19-4	000NONPJ	matrix spike	3/21/2019	Cation	Calcium	Total	=	49.1	mg/L	EPA 200.7	0.016	0.1			
2018/19-4	000NONPJ	matrix spike, rec	3/21/2019	Cation	Calcium	Total	=	98	%	EPA 200.7	-88	-88	70	130	
2018/19-4	000NONPJ	matrix spike dup	3/21/2019	Cation	Calcium	Total	=	48.8	mg/L	EPA 200.7	0.016	0.1			
2018/19-4	000NONPJ	matrix spike dup, rec	3/21/2019	Cation	Calcium	Total	=	97	%	EPA 200.7	-88	-88	70	130	
2018/19-4	000NONPJ	matrix spike, RPD	3/21/2019	Cation	Calcium	Total	=	0.6	%	EPA 200.7	-88	-88	0	30	
2018/19-4	000NONPJ	matrix spike	3/21/2019	Cation	Calcium	Total	=	123	mg/L	EPA 200.7	0.016	0.1			
2018/19-4	000NONPJ	matrix spike, rec	3/21/2019	Cation	Calcium	Total	=	93	%	EPA 200.7	-88	-88	70	130	
2018/19-4	000NONPJ	matrix spike dup	3/21/2019	Cation	Calcium	Total	=	122	mg/L	EPA 200.7	0.016	0.1			
2018/19-4	000NONPJ	matrix spike dup, rec	3/21/2019	Cation	Calcium	Total	=	93	%	EPA 200.7	-88	-88	70	130	
2018/19-4	000NONPJ	matrix spike, RPD	3/21/2019	Cation	Calcium	Total	=	0.4	%	EPA 200.7	-88	-88	0	30	
2018/19-4	Lab	LCS	3/21/2019	Cation	Calcium	Total	=	48.3	mg/L	EPA 200.7	0.016	0.1			
2018/19-4	Lab	LCS, rec	3/21/2019	Cation	Calcium	Total	=	96	%	EPA 200.7	-88	-88	85	115	
2018/19-4	Lab	method blank	3/21/2019	Cation	Calcium	Total	<	0.016	mg/L	EPA 200.7	0.016	0.1			
2018/19-4	000NONPJ	matrix spike	3/21/2019	Cation	Magnesium	Total	=	49.1	mg/L	EPA 200.7	0.012	0.1			
2018/19-4	000NONPJ	matrix spike, rec	3/21/2019	Cation	Magnesium	Total	=	98	%	EPA 200.7	-88	-88	70	130	

Appendix F
Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2018/19-4	000NONPJ	matrix spike dup	3/21/2019	Cation	Magnesium	Total	=	48.9	mg/L	EPA 200.7	0.012	0.1			
2018/19-4	000NONPJ	matrix spike dup, rec	3/21/2019	Cation	Magnesium	Total	=	97	%	EPA 200.7	-88	-88	70	130	
2018/19-4	000NONPJ	matrix spike, RPD	3/21/2019	Cation	Magnesium	Total	=	0.5	%	EPA 200.7	-88	-88	0	30	
2018/19-4	000NONPJ	matrix spike	3/21/2019	Cation	Magnesium	Total	=	77.8	mg/L	EPA 200.7	0.012	0.1			
2018/19-4	000NONPJ	matrix spike, rec	3/21/2019	Cation	Magnesium	Total	=	99	%	EPA 200.7	-88	-88	70	130	
2018/19-4	000NONPJ	matrix spike dup	3/21/2019	Cation	Magnesium	Total	=	78.2	mg/L	EPA 200.7	0.012	0.1			
2018/19-4	000NONPJ	matrix spike dup, rec	3/21/2019	Cation	Magnesium	Total	=	100	%	EPA 200.7	-88	-88	70	130	
2018/19-4	000NONPJ	matrix spike, RPD	3/21/2019	Cation	Magnesium	Total	=	0.4	%	EPA 200.7	-88	-88	0	30	
2018/19-4	Lab	LCS	3/21/2019	Cation	Magnesium	Total	=	48.4	mg/L	EPA 200.7	0.012	0.1			
2018/19-4	Lab	LCS, rec	3/21/2019	Cation	Magnesium	Total	=	96	%	EPA 200.7	-88	-88	85	115	
2018/19-4	Lab	method blank	3/21/2019	Cation	Magnesium	Total	<	0.012	mg/L	EPA 200.7	0.012	0.1			
2018/19-4	000NONPJ	matrix spike	3/21/2019	Cation	Potassium	Total	=	52.7	mg/L	EPA 200.7	0.081	0.1			
2018/19-4	000NONPJ	matrix spike, rec	3/21/2019	Cation	Potassium	Total	=	105	%	EPA 200.7	-88	-88	70	130	
2018/19-4	000NONPJ	matrix spike dup	3/21/2019	Cation	Potassium	Total	=	52.4	mg/L	EPA 200.7	0.081	0.1			
2018/19-4	000NONPJ	matrix spike dup, rec	3/21/2019	Cation	Potassium	Total	=	104	%	EPA 200.7	-88	-88	70	130	
2018/19-4	000NONPJ	matrix spike, RPD	3/21/2019	Cation	Potassium	Total	=	0.4	%	EPA 200.7	-88	-88	0	30	
2018/19-4	000NONPJ	matrix spike	3/21/2019	Cation	Potassium	Total	=	64.3	mg/L	EPA 200.7	0.081	0.1			
2018/19-4	000NONPJ	matrix spike, rec	3/21/2019	Cation	Potassium	Total	=	111	%	EPA 200.7	-88	-88	70	130	
2018/19-4	000NONPJ	matrix spike dup	3/21/2019	Cation	Potassium	Total	=	64.9	mg/L	EPA 200.7	0.081	0.1			
2018/19-4	000NONPJ	matrix spike dup, rec	3/21/2019	Cation	Potassium	Total	=	112	%	EPA 200.7	-88	-88	70	130	
2018/19-4	000NONPJ	matrix spike, RPD	3/21/2019	Cation	Potassium	Total	=	1	%	EPA 200.7	-88	-88	0	30	
2018/19-4	Lab	LCS	3/21/2019	Cation	Potassium	Total	=	51.7	mg/L	EPA 200.7	0.081	0.1			
2018/19-4	Lab	LCS, rec	3/21/2019	Cation	Potassium	Total	=	103	%	EPA 200.7	-88	-88	85	115	
2018/19-4	Lab	method blank	3/21/2019	Cation	Potassium	Total	<	0.081	mg/L	EPA 200.7	0.081	0.1			
2018/19-4	000NONPJ	matrix spike	3/21/2019	Cation	Sodium	Total	=	50.4	mg/L	EPA 200.7	0.015	0.5			
2018/19-4	000NONPJ	matrix spike, rec	3/21/2019	Cation	Sodium	Total	=	100	%	EPA 200.7	-88	-88	70	130	
2018/19-4	000NONPJ	matrix spike dup	3/21/2019	Cation	Sodium	Total	=	50.1	mg/L	EPA 200.7	0.015	0.5			
2018/19-4	000NONPJ	matrix spike dup, rec	3/21/2019	Cation	Sodium	Total	=	100	%	EPA 200.7	-88	-88	70	130	
2018/19-4	000NONPJ	matrix spike, RPD	3/21/2019	Cation	Sodium	Total	=	0.6	%	EPA 200.7	-88	-88	0	30	
2018/19-4	000NONPJ	matrix spike	3/21/2019	Cation	Sodium	Total	=	175	mg/L	EPA 200.7	0.015	0.5			
2018/19-4	000NONPJ	matrix spike, rec	3/21/2019	Cation	Sodium	Total	=	103	%	EPA 200.7	-88	-88	70	130	
2018/19-4	000NONPJ	matrix spike dup	3/21/2019	Cation	Sodium	Total	=	174	mg/L	EPA 200.7	0.015	0.5			
2018/19-4	000NONPJ	matrix spike dup, rec	3/21/2019	Cation	Sodium	Total	=	101	%	EPA 200.7	-88	-88	70	130	
2018/19-4	000NONPJ	matrix spike, RPD	3/21/2019	Cation	Sodium	Total	=	0.6	%	EPA 200.7	-88	-88	0	30	
2018/19-4	Lab	LCS	3/21/2019	Cation	Sodium	Total	=	49.5	mg/L	EPA 200.7	0.015	0.5			
2018/19-4	Lab	LCS, rec	3/21/2019	Cation	Sodium	Total	=	99	%	EPA 200.7	-88	-88	85	115	
2018/19-4	Lab	method blank	3/21/2019	Cation	Sodium	Total	<	0.015	mg/L	EPA 200.7	0.015	0.5			
2018/19-4	000NONPJ	lab duplicate	2/5/2019	Conventional	Alkalinity as CaCO3	n/a	=	366	mg/L	SM 2320 B	0.56	2		15	
2018/19-4	Lab	LCS	2/5/2019	Conventional	Alkalinity as CaCO3	n/a	=	261	mg/L	SM 2320 B	0.56	2			
2018/19-4	Lab	LCS, rec	2/5/2019	Conventional	Alkalinity as CaCO3	n/a	=	104	%	SM 2320 B	-88	-88	94	108	
2018/19-4	Lab	method blank	2/5/2019	Conventional	Alkalinity as CaCO3	n/a	<	0.56	mg/L	SM 2320 B	0.56	2			
2018/19-4	000NONPJ	lab duplicate	2/6/2019	Conventional	BOD	n/a	=	7.99	mg/L	SM 5210 B	2	2		20	
2018/19-4	Lab	method blank	2/6/2019	Conventional	BOD	n/a	<	2	mg/L	SM 5210 B	2	2			
2018/19-4	Lab	method blank	2/6/2019	Conventional	BOD	n/a	<	2	mg/L	SM 5210 B	2	2			
2018/19-4	Lab	LCS	2/6/2019	Conventional	BOD	n/a	=	208	mg/L	SM 5210 B	2	2			
2018/19-4	Lab	LCS, rec	2/6/2019	Conventional	BOD	n/a	=	105	%	SM 5210 B	-88	-88	85	115	
2018/19-4	000NONPJ	lab duplicate	2/19/2019	Conventional	COD	n/a	=	2100	mg/L	EPA 410.4	1.5	10		15	

Appendix F
Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2018/19-4	000NONPJ	matrix spike	2/19/2019	Conventional	COD	n/a	=	2480	mg/L	EPA 410.4	2.9	20			
2018/19-4	000NONPJ	matrix spike	2/19/2019	Conventional	COD	n/a	=	223	mg/L	EPA 410.4	2.9	20			
2018/19-4	000NONPJ	matrix spike dup	2/19/2019	Conventional	COD	n/a	=	2520	mg/L	EPA 410.4	2.9	20			
2018/19-4	000NONPJ	matrix spike dup	2/19/2019	Conventional	COD	n/a	=	215	mg/L	EPA 410.4	2.9	20			
2018/19-4	000NONPJ	matrix spike dup, rec	2/19/2019	Conventional	COD	n/a	=	98	%	EPA 410.4	-88	-88	90	110	
2018/19-4	000NONPJ	matrix spike dup, rec	2/19/2019	Conventional	COD	n/a	=	93	%	EPA 410.4	-88	-88	90	110	
2018/19-4	000NONPJ	matrix spike, rec	2/19/2019	Conventional	COD	n/a	=	91	%	EPA 410.4	-88	-88	90	110	
2018/19-4	000NONPJ	matrix spike, rec	2/19/2019	Conventional	COD	n/a	=	102	%	EPA 410.4	-88	-88	90	110	
2018/19-4	000NONPJ	matrix spike, RPD	2/19/2019	Conventional	COD	n/a	=	4	%	EPA 410.4	-88	-88	0	15	
2018/19-4	000NONPJ	matrix spike, RPD	2/19/2019	Conventional	COD	n/a	=	2	%	EPA 410.4	-88	-88	0	15	
2018/19-4	Lab	LCS	2/19/2019	Conventional	COD	n/a	=	922	mg/L	EPA 410.4	0.73	5			
2018/19-4	Lab	LCS, rec	2/19/2019	Conventional	COD	n/a	=	92	%	EPA 410.4	-88	-88	90	110	
2018/19-4	Lab	method blank	2/19/2019	Conventional	COD	n/a	<	0.73	mg/L	EPA 410.4	0.73	5			
2018/19-4	000NONPJ	matrix spike	2/13/2019	Conventional	Cyanide	Total	=	0.0424	mg/L	ASTM D7511	0.0005	0.002			
2018/19-4	000NONPJ	matrix spike dup	2/13/2019	Conventional	Cyanide	Total	=	0.043	mg/L	ASTM D7511	0.0005	0.002			
2018/19-4	000NONPJ	matrix spike dup, rec	2/13/2019	Conventional	Cyanide	Total	=	87	%	ASTM D7511	-88	-88	64	136	
2018/19-4	000NONPJ	matrix spike, rec	2/13/2019	Conventional	Cyanide	Total	=	86	%	ASTM D7511	-88	-88	64	136	
2018/19-4	000NONPJ	matrix spike, RPD	2/13/2019	Conventional	Cyanide	Total	=	1	%	ASTM D7511	-88	-88	0	47	
2018/19-4	Lab	LCS	2/13/2019	Conventional	Cyanide	Total	=	0.0488	mg/L	ASTM D7511	0.0005	0.002			
2018/19-4	Lab	LCS, rec	2/13/2019	Conventional	Cyanide	Total	=	97	%	ASTM D7511	-88	-88	84	116	
2018/19-4	Lab	method blank	2/13/2019	Conventional	Cyanide	Total	<	0.0005	mg/L	ASTM D7511	0.0005	0.002			
2018/19-4	Lab	LCS	3/1/2019	Conventional	Dissolved Carbon	Dissolved	=	10.2	mg/L	SM 5310 B	0.65	1			
2018/19-4	Lab	LCS, rec	3/1/2019	Conventional	Dissolved Carbon	Dissolved	=	102	%	SM 5310 B	-88	-88	85	115	
2018/19-4	Lab	LCS dup	3/1/2019	Conventional	Dissolved Carbon	Dissolved	=	10.1	mg/L	SM 5310 B	0.65	1			
2018/19-4	Lab	LCS dup, rec	3/1/2019	Conventional	Dissolved Carbon	Dissolved	=	101	%	SM 5310 B	-88	-88	85	115	
2018/19-4	Lab	LCS, RPD	3/1/2019	Conventional	Dissolved Carbon	Dissolved	=	1	%	SM 5310 B	-88	-88	0	20	
2018/19-4	Lab	method blank	3/1/2019	Conventional	Dissolved Carbon	Dissolved	<	0.65	mg/L	SM 5310 B	0.65	1			
2018/19-4	ME-SCR	lab duplicate	3/1/2019	Conventional	Dissolved Carbon	Dissolved	=	57.2	mg/L	SM 5310 B	6.5	10	0	20	
2018/19-4	Lab	LCS	3/1/2019	Conventional	Dissolved Organic Carbon	Dissolved	=	10.2	mg/L	SM 5310 B	0.65	1			
2018/19-4	Lab	LCS, rec	3/1/2019	Conventional	Dissolved Organic Carbon	Dissolved	=	102	%	SM 5310 B	-88	-88	85	115	
2018/19-4	Lab	LCS dup	3/1/2019	Conventional	Dissolved Organic Carbon	Dissolved	=	10.2	mg/L	SM 5310 B	0.65	1			
2018/19-4	Lab	LCS dup, rec	3/1/2019	Conventional	Dissolved Organic Carbon	Dissolved	=	102	%	SM 5310 B	-88	-88	85	115	
2018/19-4	Lab	LCS, RPD	3/1/2019	Conventional	Dissolved Organic Carbon	Dissolved	=	1	%	SM 5310 B	-88	-88	0	20	
2018/19-4	Lab	method blank	3/1/2019	Conventional	Dissolved Organic Carbon	Dissolved	<	0.65	mg/L	SM 5310 B	0.65	1			
2018/19-4	ME-SCR	lab duplicate	3/1/2019	Conventional	Dissolved Organic Carbon	Dissolved	=	4.91	mg/L	SM 5310 B	0.65	1	0	20	BZ
2018/19-4	000NONPJ	matrix spike	2/1/2019	Conventional	MBAS	n/a	=	0.275	mg/L	SM 5540 C	0.019	0.05			
2018/19-4	000NONPJ	matrix spike dup	2/1/2019	Conventional	MBAS	n/a	=	0.285	mg/L	SM 5540 C	0.019	0.05			
2018/19-4	000NONPJ	matrix spike dup, rec	2/1/2019	Conventional	MBAS	n/a	=	99	%	SM 5540 C	-88	-88	74	123	
2018/19-4	000NONPJ	matrix spike, rec	2/1/2019	Conventional	MBAS	n/a	=	95	%	SM 5540 C	-88	-88	74	123	
2018/19-4	000NONPJ	matrix spike, RPD	2/1/2019	Conventional	MBAS	n/a	=	4	%	SM 5540 C	-88	-88	0	20	
2018/19-4	Lab	LCS	2/1/2019	Conventional	MBAS	n/a	=	0.197	mg/L	SM 5540 C	0.019	0.05			
2018/19-4	Lab	LCS, rec	2/1/2019	Conventional	MBAS	n/a	=	98	%	SM 5540 C	-88	-88	82	115	
2018/19-4	Lab	method blank	2/1/2019	Conventional	MBAS	n/a	<	0.019	mg/L	SM 5540 C	0.019	0.05			
2018/19-4	000NONPJ	matrix spike	2/21/2019	Conventional	Phenolics	n/a	=	0.243	mg/L	EPA 420.4	0.0042	0.01			
2018/19-4	000NONPJ	matrix spike dup	2/21/2019	Conventional	Phenolics	n/a	=	0.244	mg/L	EPA 420.4	0.0042	0.01			
2018/19-4	000NONPJ	matrix spike dup, rec	2/21/2019	Conventional	Phenolics	n/a	=	98	%	EPA 420.4	-88	-88	90	110	
2018/19-4	000NONPJ	matrix spike, rec	2/21/2019	Conventional	Phenolics	n/a	=	97	%	EPA 420.4	-88	-88	90	110	

Appendix F
Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2018/19-4	000NONPJ	matrix spike, RPD	2/21/2019	Conventional	Phenolics	n/a	=	0.5	%	EPA 420.4	-88	-88	0	20	
2018/19-4	Lab	LCS	2/21/2019	Conventional	Phenolics	n/a	=	0.0929	mg/L	EPA 420.4	0.0042	0.01			
2018/19-4	Lab	LCS, rec	2/21/2019	Conventional	Phenolics	n/a	=	93	%	EPA 420.4	-88	-88	90	110	
2018/19-4	Lab	method blank	2/21/2019	Conventional	Phenolics	n/a	<	0.0042	mg/L	EPA 420.4	0.0042	0.01			
2018/19-4	Lab	LCS	2/11/2019	Conventional	Specific Conductance	n/a	=	181	µmhos/cm	SM 2510 B	0.23	2			
2018/19-4	Lab	LCS, rec	2/11/2019	Conventional	Specific Conductance	n/a	=	101	%	SM 2510 B	-88	-88	95	105	
2018/19-4	Lab	method blank	2/11/2019	Conventional	Specific Conductance	n/a	<	0.23	µmhos/cm	SM 2510 B	0.23	2			
2018/19-4	ME-SCR	lab duplicate	2/11/2019	Conventional	Specific Conductance	n/a	=	1600	µmhos/cm	SM 2510 B	1.2	10		4.28	
2018/19-4	000NONPJ	lab duplicate	2/5/2019	Conventional	Total Dissolved Solids	n/a	=	2130	mg/L	SM 2540 C	4	10		10	
2018/19-4	000NONPJ	lab duplicate	2/5/2019	Conventional	Total Dissolved Solids	n/a	=	1320	mg/L	SM 2540 C	4	10		10	
2018/19-4	Lab	LCS	2/5/2019	Conventional	Total Dissolved Solids	n/a	=	809	mg/L	SM 2540 C	4	10			
2018/19-4	Lab	LCS, rec	2/5/2019	Conventional	Total Dissolved Solids	n/a	=	98	%	SM 2540 C	-88	-88	96	102	
2018/19-4	Lab	method blank	2/5/2019	Conventional	Total Dissolved Solids	n/a	<	4	mg/L	SM 2540 C	4	10			
2018/19-4	Lab	LCS	2/25/2019	Conventional	Total Organic Carbon	n/a	=	45	mg/L	SM 5310 B	0.21	0.3			
2018/19-4	Lab	LCS dup	2/25/2019	Conventional	Total Organic Carbon	n/a	=	46	mg/L	SM 5310 B	0.21	0.3			
2018/19-4	Lab	LCS dup, rec	2/25/2019	Conventional	Total Organic Carbon	n/a	=	92	%	SM 5310 B	-88	-88	85	115	
2018/19-4	Lab	LCS, rec	2/25/2019	Conventional	Total Organic Carbon	n/a	=	90	%	SM 5310 B	-88	-88	85	115	
2018/19-4	Lab	LCS, RPD	2/25/2019	Conventional	Total Organic Carbon	n/a	=	1.6	%	SM 5310 B	-88	-88	0	20	
2018/19-4	Lab	method blank	2/25/2019	Conventional	Total Organic Carbon	n/a	<	0.3	mg/L	SM 5310 B	0.21	0.3			
2018/19-4	000NONPJ	lab duplicate	2/4/2019	Conventional	Total Suspended Solids	n/a	=	73	mg/L	SM 2540 D	-88	5		20	
2018/19-4	000NONPJ	lab duplicate	2/4/2019	Conventional	Total Suspended Solids	n/a	=	51	mg/L	SM 2540 D	-88	5		20	
2018/19-4	Lab	LCS	2/4/2019	Conventional	Total Suspended Solids	n/a	=	60	mg/L	SM 2540 D	-88	5			
2018/19-4	Lab	LCS, rec	2/4/2019	Conventional	Total Suspended Solids	n/a	=	109	%	SM 2540 D	-88	-88	90	110	
2018/19-4	Lab	method blank	2/4/2019	Conventional	Total Suspended Solids	n/a	<	5	mg/L	SM 2540 D	-88	5			
2018/19-4	000NONPJ	lab duplicate	2/1/2019	Conventional	Turbidity	n/a	=	3840	NTU	EPA 180.1	9.6	40		10	
2018/19-4	Lab	method blank	2/1/2019	Conventional	Turbidity	n/a	<	0.024	NTU	EPA 180.1	0.024	0.1			
2018/19-4	Lab	LCS	2/1/2019	Conventional	Turbidity	n/a	=	10.1	NTU	EPA 180.1	0.024	0.1			
2018/19-4	Lab	LCS, rec	2/1/2019	Conventional	Turbidity	n/a	=	101	%	EPA 180.1	-88	-88	90	110	
2018/19-4	000NONPJ	lab duplicate	2/4/2019	Conventional	Volatile Suspended Solids	n/a	=	12	mg/L	EPA 160.4	3.1	5		15	
2018/19-4	000NONPJ	lab duplicate	2/4/2019	Conventional	Volatile Suspended Solids	n/a	=	14	mg/L	EPA 160.4	3.1	5		15	
2018/19-4	Lab	LCS	2/4/2019	Conventional	Volatile Suspended Solids	n/a	=	41	mg/L	EPA 160.4	3.1	5			
2018/19-4	Lab	LCS, rec	2/4/2019	Conventional	Volatile Suspended Solids	n/a	=	105	%	EPA 160.4	-88	-88	90	110	
2018/19-4	Lab	method blank	2/4/2019	Conventional	Volatile Suspended Solids	n/a	<	3.1	mg/L	EPA 160.4	3.1	5			
2018/19-4	Lab	method blank	2/14/2019	Hydrocarbon	Diesel Range Organics	n/a	DNQ	0.0758	mg/L	EPA 8015D	0.024	0.1			
2018/19-4	Lab	LCS	2/14/2019	Hydrocarbon	Diesel Range Organics	n/a	=	0.415	mg/L	EPA 8015D	0.024	0.1			
2018/19-4	Lab	LCS, rec	2/14/2019	Hydrocarbon	Diesel Range Organics	n/a	=	83	%	EPA 8015D	-88	-88	56	136	
2018/19-4	Lab	LCS dup	2/15/2019	Hydrocarbon	Diesel Range Organics	n/a	=	0.404	mg/L	EPA 8015D	0.024	0.1			
2018/19-4	Lab	LCS dup, rec	2/15/2019	Hydrocarbon	Diesel Range Organics	n/a	=	81	%	EPA 8015D	-88	-88	56	136	
2018/19-4	Lab	LCS, RPD	2/15/2019	Hydrocarbon	Diesel Range Organics	n/a	=	3	%	EPA 8015D	-88	-88	0	25	
2018/19-4	Lab	LCS	2/8/2019	Hydrocarbon	Gasoline Range Organics	n/a	=	1.1	mg/L	LUFT GC/MS	0.012	0.1			
2018/19-4	Lab	LCS, rec	2/8/2019	Hydrocarbon	Gasoline Range Organics	n/a	=	110	%	LUFT GC/MS	-88	-88	53	136	
2018/19-4	Lab	LCS dup	2/8/2019	Hydrocarbon	Gasoline Range Organics	n/a	=	1.09	mg/L	LUFT GC/MS	0.012	0.1			
2018/19-4	Lab	LCS dup, rec	2/8/2019	Hydrocarbon	Gasoline Range Organics	n/a	=	109	%	LUFT GC/MS	-88	-88	53	136	
2018/19-4	Lab	LCS, RPD	2/8/2019	Hydrocarbon	Gasoline Range Organics	n/a	=	0.9	%	LUFT GC/MS	-88	-88	0	25	
2018/19-4	Lab	method blank	2/8/2019	Hydrocarbon	Gasoline Range Organics	n/a	<	0.012	mg/L	LUFT GC/MS	0.012	0.1			
2018/19-4	Lab	srgt method blank	2/14/2019	Hydrocarbon	n-Tetracosane	n/a	=	0.257	mg/L	EPA 8015D	-88	-88			
2018/19-4	Lab	srgt method blank, rec	2/14/2019	Hydrocarbon	n-Tetracosane	n/a	=	103	%	EPA 8015D	-88	-88	64	155	

Appendix F
Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2018/19-4	Lab	srgt LCS	2/14/2019	Hydrocarbon	n-Tetracosane	n/a	=	0.261	mg/L	EPA 8015D	-88	-88			
2018/19-4	Lab	srgt LCS, rec	2/14/2019	Hydrocarbon	n-Tetracosane	n/a	=	104	%	EPA 8015D	-88	-88	64	155	
2018/19-4	Lab	srgt LCS dup	2/15/2019	Hydrocarbon	n-Tetracosane	n/a	=	0.26	mg/L	EPA 8015D	-88	-88			
2018/19-4	Lab	srgt LCS dup, rec	2/15/2019	Hydrocarbon	n-Tetracosane	n/a	=	104	%	EPA 8015D	-88	-88	64	155	
2018/19-4	ME-SCR	srgt environ	2/15/2019	Hydrocarbon	n-Tetracosane	n/a	=	2.12	mg/L	EPA 8015D	-88	-88			
2018/19-4	ME-SCR	srgt environ, rec	2/15/2019	Hydrocarbon	n-Tetracosane	n/a	=	85	%	EPA 8015D	-88	-88	64	155	
2018/19-4	Lab	LCS	2/12/2019	Hydrocarbon	Oil and Grease	n/a	=	19.5	mg/L	EPA 1664A	1.3	5			
2018/19-4	Lab	LCS	2/12/2019	Hydrocarbon	Oil and Grease	n/a	DNQ	4.2	mg/L	EPA 1664A	1.3	5			
2018/19-4	Lab	LCS dup	2/12/2019	Hydrocarbon	Oil and Grease	n/a	=	19.9	mg/L	EPA 1664A	1.3	5			
2018/19-4	Lab	LCS dup, rec	2/12/2019	Hydrocarbon	Oil and Grease	n/a	=	100	%	EPA 1664A	-88	-88	78	114	
2018/19-4	Lab	LCS, rec	2/12/2019	Hydrocarbon	Oil and Grease	n/a	=	84	%	EPA 1664A	-88	-88	78	114	
2018/19-4	Lab	LCS, rec	2/12/2019	Hydrocarbon	Oil and Grease	n/a	=	98	%	EPA 1664A	-88	-88	78	114	
2018/19-4	Lab	LCS, RPD	2/12/2019	Hydrocarbon	Oil and Grease	n/a	=	2	%	EPA 1664A	-88	-88	0	18	
2018/19-4	Lab	method blank	2/12/2019	Hydrocarbon	Oil and Grease	n/a	<	1.3	mg/L	EPA 1664A	1.3	5			
2018/19-4	Lab	method blank	2/14/2019	Hydrocarbon	Oil Range Organics	n/a	<	0.33	mg/L	EPA 8015D	0.33	0.5			
2018/19-4	Lab	method blank	3/9/2019	Metal	Aluminum	Dissolved	DNQ	2.42	µg/L	EPA 200.8	1.3	5			IP
2018/19-4	Lab	method blank	3/9/2019	Metal	Aluminum	Dissolved	DNQ	1.93	µg/L	EPA 200.8	1.3	5			IP
2018/19-4	Lab	LCS	3/9/2019	Metal	Aluminum	Dissolved	=	49.3	µg/L	EPA 200.8	1.3	5			
2018/19-4	Lab	LCS, rec	3/9/2019	Metal	Aluminum	Dissolved	=	99	%	EPA 200.8	-88	-88	85	115	
2018/19-4	000NONPJ	matrix spike	3/9/2019	Metal	Aluminum	Total	=	46.5	µg/L	EPA 200.8	1.3	5			
2018/19-4	000NONPJ	matrix spike, rec	3/9/2019	Metal	Aluminum	Total	=	81	%	EPA 200.8	-88	-88	70	130	
2018/19-4	000NONPJ	matrix spike dup	3/9/2019	Metal	Aluminum	Total	=	48.8	µg/L	EPA 200.8	1.3	5			
2018/19-4	000NONPJ	matrix spike dup, rec	3/9/2019	Metal	Aluminum	Total	=	86	%	EPA 200.8	-88	-88	70	130	
2018/19-4	000NONPJ	matrix spike, RPD	3/9/2019	Metal	Aluminum	Total	=	5	%	EPA 200.8	-88	-88	0	30	
2018/19-4	000NONPJ	matrix spike	3/9/2019	Metal	Aluminum	Total	=	57200	µg/L	EPA 200.8	26	100			CT,GB
2018/19-4	000NONPJ	matrix spike, rec	3/9/2019	Metal	Aluminum	Total	=	2000	%	EPA 200.8	-88	-88	70	130	CT,GB
2018/19-4	000NONPJ	matrix spike dup	3/9/2019	Metal	Aluminum	Total	=	56400	µg/L	EPA 200.8	26	100			
2018/19-4	000NONPJ	matrix spike dup, rec	3/9/2019	Metal	Aluminum	Total	=	121	%	EPA 200.8	-88	-88	70	130	
2018/19-4	000NONPJ	matrix spike, RPD	3/9/2019	Metal	Aluminum	Total	=	1	%	EPA 200.8	-88	-88	0	30	
2018/19-4	Lab	method blank	3/9/2019	Metal	Aluminum	Total	DNQ	1.97	µg/L	EPA 200.8	1.3	5			
2018/19-4	Lab	LCS	3/9/2019	Metal	Aluminum	Total	=	49.3	µg/L	EPA 200.8	1.3	5			
2018/19-4	Lab	LCS, rec	3/9/2019	Metal	Aluminum	Total	=	99	%	EPA 200.8	-88	-88	85	115	
2018/19-4	Lab	method blank	3/9/2019	Metal	Antimony	Dissolved	DNQ	0.048	µg/L	EPA 200.8	0.045	0.5			IP
2018/19-4	Lab	method blank	3/9/2019	Metal	Antimony	Dissolved	<	0.045	µg/L	EPA 200.8	0.045	0.5			
2018/19-4	Lab	LCS	3/9/2019	Metal	Antimony	Dissolved	=	52	µg/L	EPA 200.8	0.045	0.5			
2018/19-4	Lab	LCS, rec	3/9/2019	Metal	Antimony	Dissolved	=	104	%	EPA 200.8	-88	-88	85	115	
2018/19-4	000NONPJ	matrix spike	3/9/2019	Metal	Antimony	Total	=	24.9	µg/L	EPA 200.8	0.09	1			GB
2018/19-4	000NONPJ	matrix spike, rec	3/9/2019	Metal	Antimony	Total	=	24	%	EPA 200.8	-88	-88	70	130	GB
2018/19-4	000NONPJ	matrix spike dup	3/9/2019	Metal	Antimony	Total	=	28.3	µg/L	EPA 200.8	0.09	1			GB
2018/19-4	000NONPJ	matrix spike dup, rec	3/9/2019	Metal	Antimony	Total	=	27	%	EPA 200.8	-88	-88	70	130	GB
2018/19-4	000NONPJ	matrix spike, RPD	3/9/2019	Metal	Antimony	Total	=	13	%	EPA 200.8	-88	-88	0	30	GB
2018/19-4	000NONPJ	matrix spike	3/9/2019	Metal	Antimony	Total	=	51.2	µg/L	EPA 200.8	0.045	0.5			
2018/19-4	000NONPJ	matrix spike, rec	3/9/2019	Metal	Antimony	Total	=	103	%	EPA 200.8	-88	-88	70	130	
2018/19-4	000NONPJ	matrix spike dup	3/9/2019	Metal	Antimony	Total	=	48.4	µg/L	EPA 200.8	0.045	0.5			
2018/19-4	000NONPJ	matrix spike dup, rec	3/9/2019	Metal	Antimony	Total	=	97	%	EPA 200.8	-88	-88	70	130	
2018/19-4	000NONPJ	matrix spike, RPD	3/9/2019	Metal	Antimony	Total	=	6	%	EPA 200.8	-88	-88	0	30	
2018/19-4	Lab	method blank	3/9/2019	Metal	Antimony	Total	<	0.045	µg/L	EPA 200.8	0.045	0.5			

Appendix F
Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2018/19-4	Lab	LCS	3/9/2019	Metal	Antimony	Total	=	52	µg/L	EPA 200.8	0.045	0.5			
2018/19-4	Lab	LCS, rec	3/9/2019	Metal	Antimony	Total	=	104	%	EPA 200.8	-88	-88	85	115	
2018/19-4	Lab	method blank	3/9/2019	Metal	Arsenic	Dissolved	<	0.074	µg/L	EPA 200.8	0.074	0.4			
2018/19-4	Lab	method blank	3/9/2019	Metal	Arsenic	Dissolved	<	0.074	µg/L	EPA 200.8	0.074	0.4			
2018/19-4	Lab	LCS	3/9/2019	Metal	Arsenic	Dissolved	=	49.3	µg/L	EPA 200.8	0.074	0.4			
2018/19-4	Lab	LCS, rec	3/9/2019	Metal	Arsenic	Dissolved	=	99	%	EPA 200.8	-88	-88	85	115	
2018/19-4	000NONPJ	matrix spike	3/9/2019	Metal	Arsenic	Total	=	109	µg/L	EPA 200.8	0.15	0.8			
2018/19-4	000NONPJ	matrix spike, rec	3/9/2019	Metal	Arsenic	Total	=	94	%	EPA 200.8	-88	-88	70	130	
2018/19-4	000NONPJ	matrix spike dup	3/9/2019	Metal	Arsenic	Total	=	111	µg/L	EPA 200.8	0.15	0.8			
2018/19-4	000NONPJ	matrix spike dup, rec	3/9/2019	Metal	Arsenic	Total	=	95	%	EPA 200.8	-88	-88	70	130	
2018/19-4	000NONPJ	matrix spike, RPD	3/9/2019	Metal	Arsenic	Total	=	1	%	EPA 200.8	-88	-88	0	30	
2018/19-4	000NONPJ	matrix spike	3/9/2019	Metal	Arsenic	Total	=	48.6	µg/L	EPA 200.8	0.074	0.4			
2018/19-4	000NONPJ	matrix spike, rec	3/9/2019	Metal	Arsenic	Total	=	97	%	EPA 200.8	-88	-88	70	130	
2018/19-4	000NONPJ	matrix spike dup	3/9/2019	Metal	Arsenic	Total	=	49.1	µg/L	EPA 200.8	0.074	0.4			
2018/19-4	000NONPJ	matrix spike dup, rec	3/9/2019	Metal	Arsenic	Total	=	98	%	EPA 200.8	-88	-88	70	130	
2018/19-4	000NONPJ	matrix spike, RPD	3/9/2019	Metal	Arsenic	Total	=	1	%	EPA 200.8	-88	-88	0	30	
2018/19-4	Lab	method blank	3/9/2019	Metal	Arsenic	Total	<	0.074	µg/L	EPA 200.8	0.074	0.4			
2018/19-4	Lab	LCS	3/9/2019	Metal	Arsenic	Total	=	49.3	µg/L	EPA 200.8	0.074	0.4			
2018/19-4	Lab	LCS, rec	3/9/2019	Metal	Arsenic	Total	=	99	%	EPA 200.8	-88	-88	85	115	
2018/19-4	000NONPJ	matrix spike	3/9/2019	Metal	Barium	Total	=	511	µg/L	EPA 200.8	0.14	1			
2018/19-4	000NONPJ	matrix spike, rec	3/9/2019	Metal	Barium	Total	=	121	%	EPA 200.8	-88	-88	70	130	
2018/19-4	000NONPJ	matrix spike dup	3/9/2019	Metal	Barium	Total	=	507	µg/L	EPA 200.8	0.14	1			
2018/19-4	000NONPJ	matrix spike dup, rec	3/9/2019	Metal	Barium	Total	=	117	%	EPA 200.8	-88	-88	70	130	
2018/19-4	000NONPJ	matrix spike, RPD	3/9/2019	Metal	Barium	Total	=	0.7	%	EPA 200.8	-88	-88	0	30	
2018/19-4	000NONPJ	matrix spike	3/9/2019	Metal	Barium	Total	=	46.1	µg/L	EPA 200.8	0.071	0.5			
2018/19-4	000NONPJ	matrix spike, rec	3/9/2019	Metal	Barium	Total	=	92	%	EPA 200.8	-88	-88	70	130	
2018/19-4	000NONPJ	matrix spike dup	3/9/2019	Metal	Barium	Total	=	49	µg/L	EPA 200.8	0.071	0.5			
2018/19-4	000NONPJ	matrix spike dup, rec	3/9/2019	Metal	Barium	Total	=	98	%	EPA 200.8	-88	-88	70	130	
2018/19-4	000NONPJ	matrix spike, RPD	3/9/2019	Metal	Barium	Total	=	6	%	EPA 200.8	-88	-88	0	30	
2018/19-4	Lab	method blank	3/9/2019	Metal	Barium	Total	<	0.071	µg/L	EPA 200.8	0.071	0.5			
2018/19-4	Lab	LCS	3/9/2019	Metal	Barium	Total	=	48	µg/L	EPA 200.8	0.071	0.5			
2018/19-4	Lab	LCS, rec	3/9/2019	Metal	Barium	Total	=	96	%	EPA 200.8	-88	-88	85	115	
2018/19-4	Lab	method blank	3/9/2019	Metal	Beryllium	Dissolved	<	0.033	µg/L	EPA 200.8	0.033	0.1			
2018/19-4	Lab	method blank	3/9/2019	Metal	Beryllium	Dissolved	<	0.033	µg/L	EPA 200.8	0.033	0.1			
2018/19-4	Lab	LCS	3/9/2019	Metal	Beryllium	Dissolved	=	46.2	µg/L	EPA 200.8	0.033	0.1			
2018/19-4	Lab	LCS, rec	3/9/2019	Metal	Beryllium	Dissolved	=	93	%	EPA 200.8	-88	-88	85	115	
2018/19-4	000NONPJ	matrix spike	3/9/2019	Metal	Beryllium	Total	=	108	µg/L	EPA 200.8	0.066	0.2			
2018/19-4	000NONPJ	matrix spike, rec	3/9/2019	Metal	Beryllium	Total	=	106	%	EPA 200.8	-88	-88	70	130	
2018/19-4	000NONPJ	matrix spike dup	3/9/2019	Metal	Beryllium	Total	=	104	µg/L	EPA 200.8	0.066	0.2			
2018/19-4	000NONPJ	matrix spike dup, rec	3/9/2019	Metal	Beryllium	Total	=	103	%	EPA 200.8	-88	-88	70	130	
2018/19-4	000NONPJ	matrix spike, RPD	3/9/2019	Metal	Beryllium	Total	=	3	%	EPA 200.8	-88	-88	0	30	
2018/19-4	000NONPJ	matrix spike	3/9/2019	Metal	Beryllium	Total	=	48.7	µg/L	EPA 200.8	0.033	0.1			
2018/19-4	000NONPJ	matrix spike, rec	3/9/2019	Metal	Beryllium	Total	=	98	%	EPA 200.8	-88	-88	70	130	
2018/19-4	000NONPJ	matrix spike dup	3/9/2019	Metal	Beryllium	Total	=	49	µg/L	EPA 200.8	0.033	0.1			
2018/19-4	000NONPJ	matrix spike dup, rec	3/9/2019	Metal	Beryllium	Total	=	98	%	EPA 200.8	-88	-88	70	130	
2018/19-4	000NONPJ	matrix spike, RPD	3/9/2019	Metal	Beryllium	Total	=	0.6	%	EPA 200.8	-88	-88	0	30	
2018/19-4	Lab	method blank	3/9/2019	Metal	Beryllium	Total	<	0.033	µg/L	EPA 200.8	0.033	0.1			

Appendix F
Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2018/19-4	Lab	LCS	3/9/2019	Metal	Beryllium	Total	=	46.2	µg/L	EPA 200.8	0.033	0.1			
2018/19-4	Lab	LCS, rec	3/9/2019	Metal	Beryllium	Total	=	93	%	EPA 200.8	-88	-88	85	115	
2018/19-4	Lab	method blank	3/9/2019	Metal	Cadmium	Dissolved	<	0.041	µg/L	EPA 200.8	0.041	0.1			
2018/19-4	Lab	method blank	3/9/2019	Metal	Cadmium	Dissolved	<	0.041	µg/L	EPA 200.8	0.041	0.1			
2018/19-4	Lab	LCS	3/9/2019	Metal	Cadmium	Dissolved	=	48.2	µg/L	EPA 200.8	0.041	0.1			
2018/19-4	Lab	LCS, rec	3/9/2019	Metal	Cadmium	Dissolved	=	97	%	EPA 200.8	-88	-88	85	115	
2018/19-4	000NONPJ	matrix spike	3/9/2019	Metal	Cadmium	Total	=	114	µg/L	EPA 200.8	0.082	0.2			
2018/19-4	000NONPJ	matrix spike, rec	3/9/2019	Metal	Cadmium	Total	=	97	%	EPA 200.8	-88	-88	70	130	
2018/19-4	000NONPJ	matrix spike dup	3/9/2019	Metal	Cadmium	Total	=	119	µg/L	EPA 200.8	0.082	0.2			
2018/19-4	000NONPJ	matrix spike dup, rec	3/9/2019	Metal	Cadmium	Total	=	102	%	EPA 200.8	-88	-88	70	130	
2018/19-4	000NONPJ	matrix spike, RPD	3/9/2019	Metal	Cadmium	Total	=	4	%	EPA 200.8	-88	-88	0	30	
2018/19-4	000NONPJ	matrix spike	3/9/2019	Metal	Cadmium	Total	=	48.9	µg/L	EPA 200.8	0.041	0.1			
2018/19-4	000NONPJ	matrix spike, rec	3/9/2019	Metal	Cadmium	Total	=	98	%	EPA 200.8	-88	-88	70	130	
2018/19-4	000NONPJ	matrix spike dup	3/9/2019	Metal	Cadmium	Total	=	50	µg/L	EPA 200.8	0.041	0.1			
2018/19-4	000NONPJ	matrix spike dup, rec	3/9/2019	Metal	Cadmium	Total	=	100	%	EPA 200.8	-88	-88	70	130	
2018/19-4	000NONPJ	matrix spike, RPD	3/9/2019	Metal	Cadmium	Total	=	2	%	EPA 200.8	-88	-88	0	30	
2018/19-4	Lab	method blank	3/9/2019	Metal	Cadmium	Total	<	0.041	µg/L	EPA 200.8	0.041	0.1			
2018/19-4	Lab	LCS	3/9/2019	Metal	Cadmium	Total	=	48.2	µg/L	EPA 200.8	0.041	0.1			
2018/19-4	Lab	LCS, rec	3/9/2019	Metal	Cadmium	Total	=	97	%	EPA 200.8	-88	-88	85	115	
2018/19-4	Lab	method blank	3/9/2019	Metal	Chromium	Dissolved	<	0.035	µg/L	EPA 200.8	0.035	0.2			
2018/19-4	Lab	method blank	3/9/2019	Metal	Chromium	Dissolved	<	0.035	µg/L	EPA 200.8	0.035	0.2			
2018/19-4	Lab	LCS	3/9/2019	Metal	Chromium	Dissolved	=	47.9	µg/L	EPA 200.8	0.035	0.2			
2018/19-4	Lab	LCS, rec	3/9/2019	Metal	Chromium	Dissolved	=	96	%	EPA 200.8	-88	-88	85	115	
2018/19-4	000NONPJ	matrix spike	3/9/2019	Metal	Chromium	Total	=	289	µg/L	EPA 200.8	0.07	0.4			
2018/19-4	000NONPJ	matrix spike, rec	3/9/2019	Metal	Chromium	Total	=	118	%	EPA 200.8	-88	-88	70	130	
2018/19-4	000NONPJ	matrix spike dup	3/9/2019	Metal	Chromium	Total	=	280	µg/L	EPA 200.8	0.07	0.4			
2018/19-4	000NONPJ	matrix spike dup, rec	3/9/2019	Metal	Chromium	Total	=	109	%	EPA 200.8	-88	-88	70	130	
2018/19-4	000NONPJ	matrix spike, RPD	3/9/2019	Metal	Chromium	Total	=	3	%	EPA 200.8	-88	-88	0	30	
2018/19-4	000NONPJ	matrix spike	3/9/2019	Metal	Chromium	Total	=	47.2	µg/L	EPA 200.8	0.035	0.2			
2018/19-4	000NONPJ	matrix spike, rec	3/9/2019	Metal	Chromium	Total	=	94	%	EPA 200.8	-88	-88	70	130	
2018/19-4	000NONPJ	matrix spike dup	3/9/2019	Metal	Chromium	Total	=	48.8	µg/L	EPA 200.8	0.035	0.2			
2018/19-4	000NONPJ	matrix spike dup, rec	3/9/2019	Metal	Chromium	Total	=	98	%	EPA 200.8	-88	-88	70	130	
2018/19-4	000NONPJ	matrix spike, RPD	3/9/2019	Metal	Chromium	Total	=	3	%	EPA 200.8	-88	-88	0	30	
2018/19-4	Lab	method blank	3/9/2019	Metal	Chromium	Total	<	0.035	µg/L	EPA 200.8	0.035	0.2			
2018/19-4	Lab	LCS	3/9/2019	Metal	Chromium	Total	=	47.9	µg/L	EPA 200.8	0.035	0.2			
2018/19-4	Lab	LCS, rec	3/9/2019	Metal	Chromium	Total	=	96	%	EPA 200.8	-88	-88	85	115	
2018/19-4	000NONPJ	matrix spike	2/1/2019	Metal	Chromium VI	n/a	=	4.57	µg/L	EPA 218.6	0.0048	0.02			IL
2018/19-4	000NONPJ	matrix spike, rec	2/1/2019	Metal	Chromium VI	n/a	=	90	%	EPA 218.6	-88	-88	88	112	IL
2018/19-4	000NONPJ	matrix spike dup	2/1/2019	Metal	Chromium VI	n/a	=	5.29	µg/L	EPA 218.6	0.0048	0.02			IL
2018/19-4	000NONPJ	matrix spike dup, rec	2/1/2019	Metal	Chromium VI	n/a	=	105	%	EPA 218.6	-88	-88	88	112	IL
2018/19-4	000NONPJ	matrix spike, RPD	2/1/2019	Metal	Chromium VI	n/a	=	15	%	EPA 218.6	-88	-88	0	10	IL
2018/19-4	000NONPJ	matrix spike	2/1/2019	Metal	Chromium VI	n/a	=	5.33	µg/L	EPA 218.6	0.0048	0.02			
2018/19-4	000NONPJ	matrix spike, rec	2/1/2019	Metal	Chromium VI	n/a	=	98	%	EPA 218.6	-88	-88	88	112	
2018/19-4	000NONPJ	matrix spike dup	2/1/2019	Metal	Chromium VI	n/a	=	5.56	µg/L	EPA 218.6	0.0048	0.02			
2018/19-4	000NONPJ	matrix spike dup, rec	2/1/2019	Metal	Chromium VI	n/a	=	102	%	EPA 218.6	-88	-88	88	112	
2018/19-4	000NONPJ	matrix spike, RPD	2/1/2019	Metal	Chromium VI	n/a	=	4	%	EPA 218.6	-88	-88	0	10	
2018/19-4	Lab	method blank	2/1/2019	Metal	Chromium VI	n/a	<	0.0048	µg/L	EPA 218.6	0.0048	0.02			

Appendix F
Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2018/19-4	Lab	LCS	2/1/2019	Metal	Chromium VI	n/a	=	5.07	µg/L	EPA 218.6	0.0048	0.02			
2018/19-4	Lab	LCS, rec	2/1/2019	Metal	Chromium VI	n/a	=	101	%	EPA 218.6	-88	-88	90	110	
2018/19-4	Lab	method blank	3/9/2019	Metal	Copper	Dissolved	DNQ	0.144	µg/L	EPA 200.8	0.13	0.5			
2018/19-4	Lab	method blank	3/9/2019	Metal	Copper	Dissolved	<	0.13	µg/L	EPA 200.8	0.13	0.5			
2018/19-4	Lab	LCS	3/9/2019	Metal	Copper	Dissolved	=	49.6	µg/L	EPA 200.8	0.13	0.5			
2018/19-4	Lab	LCS, rec	3/9/2019	Metal	Copper	Dissolved	=	99	%	EPA 200.8	-88	-88	85	115	
2018/19-4	000NONPJ	matrix spike	3/9/2019	Metal	Copper	Total	=	169	µg/L	EPA 200.8	0.26	1			
2018/19-4	000NONPJ	matrix spike, rec	3/9/2019	Metal	Copper	Total	=	90	%	EPA 200.8	-88	-88	70	130	
2018/19-4	000NONPJ	matrix spike dup	3/9/2019	Metal	Copper	Total	=	170	µg/L	EPA 200.8	0.26	1			
2018/19-4	000NONPJ	matrix spike dup, rec	3/9/2019	Metal	Copper	Total	=	90	%	EPA 200.8	-88	-88	70	130	
2018/19-4	000NONPJ	matrix spike, RPD	3/9/2019	Metal	Copper	Total	=	0.3	%	EPA 200.8	-88	-88	0	30	
2018/19-4	000NONPJ	matrix spike	3/9/2019	Metal	Copper	Total	=	50.5	µg/L	EPA 200.8	0.13	0.5			
2018/19-4	000NONPJ	matrix spike, rec	3/9/2019	Metal	Copper	Total	=	100	%	EPA 200.8	-88	-88	70	130	
2018/19-4	000NONPJ	matrix spike dup	3/9/2019	Metal	Copper	Total	=	50.2	µg/L	EPA 200.8	0.13	0.5			
2018/19-4	000NONPJ	matrix spike dup, rec	3/9/2019	Metal	Copper	Total	=	100	%	EPA 200.8	-88	-88	70	130	
2018/19-4	000NONPJ	matrix spike, RPD	3/9/2019	Metal	Copper	Total	=	0.5	%	EPA 200.8	-88	-88	0	30	
2018/19-4	Lab	method blank	3/9/2019	Metal	Copper	Total	<	0.13	µg/L	EPA 200.8	0.13	0.5			
2018/19-4	Lab	LCS	3/9/2019	Metal	Copper	Total	=	49.6	µg/L	EPA 200.8	0.13	0.5			
2018/19-4	Lab	LCS, rec	3/9/2019	Metal	Copper	Total	=	99	%	EPA 200.8	-88	-88	85	115	
2018/19-4	Lab	LCS	3/21/2019	Metal	Iron	Dissolved	=	208	µg/L	EPA 200.7	1.1	10			
2018/19-4	Lab	LCS, rec	3/21/2019	Metal	Iron	Dissolved	=	104	%	EPA 200.7	-88	-88	85	115	
2018/19-4	Lab	method blank	3/21/2019	Metal	Iron	Dissolved	DNQ	3	µg/L	EPA 200.7	1.1	10			
2018/19-4	Lab	method blank	3/21/2019	Metal	Iron	Dissolved	DNQ	3	µg/L	EPA 200.7	1.1	10			
2018/19-4	000NONPJ	matrix spike	3/21/2019	Metal	Iron	Total	=	240	µg/L	EPA 200.7	1.1	10			
2018/19-4	000NONPJ	matrix spike, rec	3/21/2019	Metal	Iron	Total	=	118	%	EPA 200.7	-88	-88	70	130	
2018/19-4	000NONPJ	matrix spike dup	3/21/2019	Metal	Iron	Total	=	221	µg/L	EPA 200.7	1.1	10			
2018/19-4	000NONPJ	matrix spike dup, rec	3/21/2019	Metal	Iron	Total	=	109	%	EPA 200.7	-88	-88	70	130	
2018/19-4	000NONPJ	matrix spike, RPD	3/21/2019	Metal	Iron	Total	=	8	%	EPA 200.7	-88	-88	0	30	
2018/19-4	000NONPJ	matrix spike	3/21/2019	Metal	Iron	Total	=	981	µg/L	EPA 200.7	1.1	10			GB
2018/19-4	000NONPJ	matrix spike, rec	3/21/2019	Metal	Iron	Total	=	133	%	EPA 200.7	-88	-88	70	130	GB
2018/19-4	000NONPJ	matrix spike dup	3/21/2019	Metal	Iron	Total	=	949	µg/L	EPA 200.7	1.1	10			
2018/19-4	000NONPJ	matrix spike dup, rec	3/21/2019	Metal	Iron	Total	=	117	%	EPA 200.7	-88	-88	70	130	
2018/19-4	000NONPJ	matrix spike, RPD	3/21/2019	Metal	Iron	Total	=	3	%	EPA 200.7	-88	-88	0	30	
2018/19-4	Lab	LCS	3/21/2019	Metal	Iron	Total	=	208	µg/L	EPA 200.7	1.1	10			
2018/19-4	Lab	LCS, rec	3/21/2019	Metal	Iron	Total	=	104	%	EPA 200.7	-88	-88	85	115	
2018/19-4	Lab	method blank	3/21/2019	Metal	Iron	Total	DNQ	2	µg/L	EPA 200.7	1.1	10			
2018/19-4	Lab	method blank	3/9/2019	Metal	Lead	Dissolved	<	0.031	µg/L	EPA 200.8	0.031	0.2			
2018/19-4	Lab	method blank	3/9/2019	Metal	Lead	Dissolved	<	0.031	µg/L	EPA 200.8	0.031	0.2			
2018/19-4	Lab	LCS	3/9/2019	Metal	Lead	Dissolved	=	48.7	µg/L	EPA 200.8	0.031	0.2			
2018/19-4	Lab	LCS, rec	3/9/2019	Metal	Lead	Dissolved	=	98	%	EPA 200.8	-88	-88	85	115	
2018/19-4	000NONPJ	matrix spike	3/9/2019	Metal	Lead	Total	=	145	µg/L	EPA 200.8	0.062	0.4			
2018/19-4	000NONPJ	matrix spike, rec	3/9/2019	Metal	Lead	Total	=	100	%	EPA 200.8	-88	-88	70	130	
2018/19-4	000NONPJ	matrix spike dup	3/9/2019	Metal	Lead	Total	=	144	µg/L	EPA 200.8	0.062	0.4			
2018/19-4	000NONPJ	matrix spike dup, rec	3/9/2019	Metal	Lead	Total	=	98	%	EPA 200.8	-88	-88	70	130	
2018/19-4	000NONPJ	matrix spike, RPD	3/9/2019	Metal	Lead	Total	=	1	%	EPA 200.8	-88	-88	0	30	
2018/19-4	000NONPJ	matrix spike	3/9/2019	Metal	Lead	Total	=	48.2	µg/L	EPA 200.8	0.031	0.2			
2018/19-4	000NONPJ	matrix spike, rec	3/9/2019	Metal	Lead	Total	=	97	%	EPA 200.8	-88	-88	70	130	

Appendix F
Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2018/19-4	000NONPJ	matrix spike dup	3/9/2019	Metal	Lead	Total	=	49.4	µg/L	EPA 200.8	0.031	0.2			
2018/19-4	000NONPJ	matrix spike dup, rec	3/9/2019	Metal	Lead	Total	=	99	%	EPA 200.8	-88	-88	70	130	
2018/19-4	000NONPJ	matrix spike, RPD	3/9/2019	Metal	Lead	Total	=	2	%	EPA 200.8	-88	-88	0	30	
2018/19-4	Lab	method blank	3/9/2019	Metal	Lead	Total	<	0.031	µg/L	EPA 200.8	0.031	0.2			
2018/19-4	Lab	LCS	3/9/2019	Metal	Lead	Total	=	48.7	µg/L	EPA 200.8	0.031	0.2			
2018/19-4	Lab	LCS, rec	3/9/2019	Metal	Lead	Total	=	98	%	EPA 200.8	-88	-88	85	115	
2018/19-4	000NONPJ	matrix spike	2/14/2019	Metal	Mercury	Dissolved	=	951	ng/L	EPA 245.1	17	50			
2018/19-4	000NONPJ	matrix spike, rec	2/14/2019	Metal	Mercury	Dissolved	=	95	%	EPA 245.1	-88	-88	70	130	
2018/19-4	000NONPJ	matrix spike dup	2/14/2019	Metal	Mercury	Dissolved	=	939	ng/L	EPA 245.1	17	50			
2018/19-4	000NONPJ	matrix spike dup, rec	2/14/2019	Metal	Mercury	Dissolved	=	94	%	EPA 245.1	-88	-88	70	130	
2018/19-4	000NONPJ	matrix spike, RPD	2/14/2019	Metal	Mercury	Dissolved	=	1	%	EPA 245.1	-88	-88	0	20	
2018/19-4	000NONPJ	matrix spike	2/14/2019	Metal	Mercury	Dissolved	=	912	ng/L	EPA 245.1	17	50			
2018/19-4	000NONPJ	matrix spike, rec	2/14/2019	Metal	Mercury	Dissolved	=	91	%	EPA 245.1	-88	-88	70	130	
2018/19-4	000NONPJ	matrix spike dup	2/14/2019	Metal	Mercury	Dissolved	=	913	ng/L	EPA 245.1	17	50			
2018/19-4	000NONPJ	matrix spike dup, rec	2/14/2019	Metal	Mercury	Dissolved	=	91	%	EPA 245.1	-88	-88	70	130	
2018/19-4	000NONPJ	matrix spike, RPD	2/14/2019	Metal	Mercury	Dissolved	=	0.1	%	EPA 245.1	-88	-88	0	20	
2018/19-4	Lab	method blank	2/14/2019	Metal	Mercury	Dissolved	<	17	ng/L	EPA 245.1	17	50			
2018/19-4	Lab	LCS	2/14/2019	Metal	Mercury	Dissolved	=	962	ng/L	EPA 245.1	17	50			
2018/19-4	Lab	LCS, rec	2/14/2019	Metal	Mercury	Dissolved	=	96	%	EPA 245.1	-88	-88	85	115	
2018/19-4	000NONPJ	matrix spike	2/14/2019	Metal	Mercury	Total	=	951	ng/L	EPA 245.1	17	50			
2018/19-4	000NONPJ	matrix spike, rec	2/14/2019	Metal	Mercury	Total	=	95	%	EPA 245.1	-88	-88	70	130	
2018/19-4	000NONPJ	matrix spike dup	2/14/2019	Metal	Mercury	Total	=	939	ng/L	EPA 245.1	17	50			
2018/19-4	000NONPJ	matrix spike dup, rec	2/14/2019	Metal	Mercury	Total	=	94	%	EPA 245.1	-88	-88	70	130	
2018/19-4	000NONPJ	matrix spike, RPD	2/14/2019	Metal	Mercury	Total	=	1	%	EPA 245.1	-88	-88	0	20	
2018/19-4	000NONPJ	matrix spike	2/14/2019	Metal	Mercury	Total	=	912	ng/L	EPA 245.1	17	50			
2018/19-4	000NONPJ	matrix spike, rec	2/14/2019	Metal	Mercury	Total	=	91	%	EPA 245.1	-88	-88	70	130	
2018/19-4	000NONPJ	matrix spike dup	2/14/2019	Metal	Mercury	Total	=	913	ng/L	EPA 245.1	17	50			
2018/19-4	000NONPJ	matrix spike dup, rec	2/14/2019	Metal	Mercury	Total	=	91	%	EPA 245.1	-88	-88	70	130	
2018/19-4	000NONPJ	matrix spike, RPD	2/14/2019	Metal	Mercury	Total	=	0.1	%	EPA 245.1	-88	-88	0	20	
2018/19-4	Lab	method blank	2/14/2019	Metal	Mercury	Total	<	17	ng/L	EPA 245.1	17	50			
2018/19-4	Lab	LCS	2/14/2019	Metal	Mercury	Total	=	962	ng/L	EPA 245.1	17	50			
2018/19-4	Lab	LCS, rec	2/14/2019	Metal	Mercury	Total	=	96	%	EPA 245.1	-88	-88	85	115	
2018/19-4	Lab	method blank	3/9/2019	Metal	Nickel	Dissolved	DNQ	0.112	µg/L	EPA 200.8	0.045	0.8			IP
2018/19-4	Lab	method blank	3/9/2019	Metal	Nickel	Dissolved	<	0.045	µg/L	EPA 200.8	0.045	0.8			
2018/19-4	Lab	LCS	3/9/2019	Metal	Nickel	Dissolved	=	50	µg/L	EPA 200.8	0.045	0.8			
2018/19-4	Lab	LCS, rec	3/9/2019	Metal	Nickel	Dissolved	=	100	%	EPA 200.8	-88	-88	85	115	
2018/19-4	000NONPJ	matrix spike	3/9/2019	Metal	Nickel	Total	=	292	µg/L	EPA 200.8	0.09	1.6			
2018/19-4	000NONPJ	matrix spike, rec	3/9/2019	Metal	Nickel	Total	=	97	%	EPA 200.8	-88	-88	70	130	
2018/19-4	000NONPJ	matrix spike dup	3/9/2019	Metal	Nickel	Total	=	289	µg/L	EPA 200.8	0.09	1.6			
2018/19-4	000NONPJ	matrix spike dup, rec	3/9/2019	Metal	Nickel	Total	=	94	%	EPA 200.8	-88	-88	70	130	
2018/19-4	000NONPJ	matrix spike, RPD	3/9/2019	Metal	Nickel	Total	=	1	%	EPA 200.8	-88	-88	0	30	
2018/19-4	000NONPJ	matrix spike	3/9/2019	Metal	Nickel	Total	=	50.5	µg/L	EPA 200.8	0.045	0.8			
2018/19-4	000NONPJ	matrix spike, rec	3/9/2019	Metal	Nickel	Total	=	101	%	EPA 200.8	-88	-88	70	130	
2018/19-4	000NONPJ	matrix spike dup	3/9/2019	Metal	Nickel	Total	=	51.3	µg/L	EPA 200.8	0.045	0.8			
2018/19-4	000NONPJ	matrix spike dup, rec	3/9/2019	Metal	Nickel	Total	=	102	%	EPA 200.8	-88	-88	70	130	
2018/19-4	000NONPJ	matrix spike, RPD	3/9/2019	Metal	Nickel	Total	=	2	%	EPA 200.8	-88	-88	0	30	
2018/19-4	Lab	method blank	3/9/2019	Metal	Nickel	Total	DNQ	0.0584	µg/L	EPA 200.8	0.045	0.8			IP

Appendix F
Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2018/19-4	Lab	LCS	3/9/2019	Metal	Nickel	Total	=	50	µg/L	EPA 200.8	0.045	0.8			
2018/19-4	Lab	LCS, rec	3/9/2019	Metal	Nickel	Total	=	100	%	EPA 200.8	-88	-88	85	115	
2018/19-4	Lab	method blank	3/9/2019	Metal	Selenium	Dissolved	<	0.14	µg/L	EPA 200.8	0.14	0.4			
2018/19-4	Lab	method blank	3/9/2019	Metal	Selenium	Dissolved	<	0.14	µg/L	EPA 200.8	0.14	0.4			
2018/19-4	Lab	LCS	3/9/2019	Metal	Selenium	Dissolved	=	48.5	µg/L	EPA 200.8	0.14	0.4			
2018/19-4	Lab	LCS, rec	3/9/2019	Metal	Selenium	Dissolved	=	97	%	EPA 200.8	-88	-88	85	115	
2018/19-4	000NONPJ	matrix spike	3/9/2019	Metal	Selenium	Total	=	89	µg/L	EPA 200.8	0.28	0.8			
2018/19-4	000NONPJ	matrix spike, rec	3/9/2019	Metal	Selenium	Total	=	83	%	EPA 200.8	-88	-88	70	130	
2018/19-4	000NONPJ	matrix spike dup	3/9/2019	Metal	Selenium	Total	=	96.8	µg/L	EPA 200.8	0.28	0.8			
2018/19-4	000NONPJ	matrix spike dup, rec	3/9/2019	Metal	Selenium	Total	=	91	%	EPA 200.8	-88	-88	70	130	
2018/19-4	000NONPJ	matrix spike, RPD	3/9/2019	Metal	Selenium	Total	=	8	%	EPA 200.8	-88	-88	0	30	
2018/19-4	000NONPJ	matrix spike	3/9/2019	Metal	Selenium	Total	=	48.3	µg/L	EPA 200.8	0.14	0.4			
2018/19-4	000NONPJ	matrix spike, rec	3/9/2019	Metal	Selenium	Total	=	97	%	EPA 200.8	-88	-88	70	130	
2018/19-4	000NONPJ	matrix spike dup	3/9/2019	Metal	Selenium	Total	=	48	µg/L	EPA 200.8	0.14	0.4			
2018/19-4	000NONPJ	matrix spike dup, rec	3/9/2019	Metal	Selenium	Total	=	96	%	EPA 200.8	-88	-88	70	130	
2018/19-4	000NONPJ	matrix spike, RPD	3/9/2019	Metal	Selenium	Total	=	0.6	%	EPA 200.8	-88	-88	0	30	
2018/19-4	Lab	method blank	3/9/2019	Metal	Selenium	Total	<	0.14	µg/L	EPA 200.8	0.14	0.4			
2018/19-4	Lab	LCS	3/9/2019	Metal	Selenium	Total	=	48.5	µg/L	EPA 200.8	0.14	0.4			
2018/19-4	Lab	LCS, rec	3/9/2019	Metal	Selenium	Total	=	97	%	EPA 200.8	-88	-88	85	115	
2018/19-4	Lab	method blank	3/9/2019	Metal	Silver	Dissolved	<	0.062	µg/L	EPA 200.8	0.062	0.2			
2018/19-4	Lab	method blank	3/9/2019	Metal	Silver	Dissolved	<	0.062	µg/L	EPA 200.8	0.062	0.2			
2018/19-4	Lab	LCS	3/9/2019	Metal	Silver	Dissolved	=	49.6	µg/L	EPA 200.8	0.062	0.2			
2018/19-4	Lab	LCS, rec	3/9/2019	Metal	Silver	Dissolved	=	99	%	EPA 200.8	-88	-88	85	115	
2018/19-4	000NONPJ	matrix spike	3/9/2019	Metal	Silver	Total	=	97.4	µg/L	EPA 200.8	0.12	0.4			
2018/19-4	000NONPJ	matrix spike, rec	3/9/2019	Metal	Silver	Total	=	97	%	EPA 200.8	-88	-88	70	130	
2018/19-4	000NONPJ	matrix spike dup	3/9/2019	Metal	Silver	Total	=	94.5	µg/L	EPA 200.8	0.12	0.4			
2018/19-4	000NONPJ	matrix spike dup, rec	3/9/2019	Metal	Silver	Total	=	94	%	EPA 200.8	-88	-88	70	130	
2018/19-4	000NONPJ	matrix spike, RPD	3/9/2019	Metal	Silver	Total	=	3	%	EPA 200.8	-88	-88	0	30	
2018/19-4	000NONPJ	matrix spike	3/9/2019	Metal	Silver	Total	=	48.2	µg/L	EPA 200.8	0.062	0.2			
2018/19-4	000NONPJ	matrix spike, rec	3/9/2019	Metal	Silver	Total	=	97	%	EPA 200.8	-88	-88	70	130	
2018/19-4	000NONPJ	matrix spike dup	3/9/2019	Metal	Silver	Total	=	45.5	µg/L	EPA 200.8	0.062	0.2			
2018/19-4	000NONPJ	matrix spike dup, rec	3/9/2019	Metal	Silver	Total	=	91	%	EPA 200.8	-88	-88	70	130	
2018/19-4	000NONPJ	matrix spike, RPD	3/9/2019	Metal	Silver	Total	=	6	%	EPA 200.8	-88	-88	0	30	
2018/19-4	Lab	method blank	3/9/2019	Metal	Silver	Total	<	0.062	µg/L	EPA 200.8	0.062	0.2			
2018/19-4	Lab	LCS	3/9/2019	Metal	Silver	Total	=	49.6	µg/L	EPA 200.8	0.062	0.2			
2018/19-4	Lab	LCS, rec	3/9/2019	Metal	Silver	Total	=	99	%	EPA 200.8	-88	-88	85	115	
2018/19-4	Lab	method blank	3/9/2019	Metal	Thallium	Dissolved	<	0.014	µg/L	EPA 200.8	0.014	0.2			
2018/19-4	Lab	method blank	3/9/2019	Metal	Thallium	Dissolved	<	0.014	µg/L	EPA 200.8	0.014	0.2			
2018/19-4	Lab	LCS	3/9/2019	Metal	Thallium	Dissolved	=	49.1	µg/L	EPA 200.8	0.014	0.2			
2018/19-4	Lab	LCS, rec	3/9/2019	Metal	Thallium	Dissolved	=	98	%	EPA 200.8	-88	-88	85	115	
2018/19-4	000NONPJ	matrix spike	3/9/2019	Metal	Thallium	Total	=	100	µg/L	EPA 200.8	0.028	0.4			
2018/19-4	000NONPJ	matrix spike, rec	3/9/2019	Metal	Thallium	Total	=	99	%	EPA 200.8	-88	-88	70	130	
2018/19-4	000NONPJ	matrix spike dup	3/9/2019	Metal	Thallium	Total	=	99.7	µg/L	EPA 200.8	0.028	0.4			
2018/19-4	000NONPJ	matrix spike dup, rec	3/9/2019	Metal	Thallium	Total	=	98	%	EPA 200.8	-88	-88	70	130	
2018/19-4	000NONPJ	matrix spike, RPD	3/9/2019	Metal	Thallium	Total	=	0.4	%	EPA 200.8	-88	-88	0	30	
2018/19-4	000NONPJ	matrix spike	3/9/2019	Metal	Thallium	Total	=	49.2	µg/L	EPA 200.8	0.014	0.2			
2018/19-4	000NONPJ	matrix spike, rec	3/9/2019	Metal	Thallium	Total	=	99	%	EPA 200.8	-88	-88	70	130	

Appendix F
Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2018/19-4	000NONPJ	matrix spike dup	3/9/2019	Metal	Thallium	Total	=	51.3	µg/L	EPA 200.8	0.014	0.2			
2018/19-4	000NONPJ	matrix spike dup, rec	3/9/2019	Metal	Thallium	Total	=	103	%	EPA 200.8	-88	-88	70	130	
2018/19-4	000NONPJ	matrix spike, RPD	3/9/2019	Metal	Thallium	Total	=	4	%	EPA 200.8	-88	-88	0	30	
2018/19-4	Lab	method blank	3/9/2019	Metal	Thallium	Total	<	0.014	µg/L	EPA 200.8	0.014	0.2			
2018/19-4	Lab	LCS	3/9/2019	Metal	Thallium	Total	=	49.1	µg/L	EPA 200.8	0.014	0.2			
2018/19-4	Lab	LCS, rec	3/9/2019	Metal	Thallium	Total	=	98	%	EPA 200.8	-88	-88	85	115	
2018/19-4	Lab	method blank	3/9/2019	Metal	Zinc	Dissolved	DNQ	1.72	µg/L	EPA 200.8	0.94	5			IP
2018/19-4	Lab	method blank	3/9/2019	Metal	Zinc	Dissolved	DNQ	1.65	µg/L	EPA 200.8	0.94	5			IP
2018/19-4	Lab	LCS	3/9/2019	Metal	Zinc	Dissolved	=	56.8	µg/L	EPA 200.8	0.94	5			
2018/19-4	Lab	LCS, rec	3/9/2019	Metal	Zinc	Dissolved	=	100	%	EPA 200.8	-88	-88	85	115	
2018/19-4	000NONPJ	matrix spike	3/9/2019	Metal	Zinc	Total	=	376	µg/L	EPA 200.8	1.9	10			
2018/19-4	000NONPJ	matrix spike, rec	3/9/2019	Metal	Zinc	Total	=	98	%	EPA 200.8	-88	-88	70	130	
2018/19-4	000NONPJ	matrix spike dup	3/9/2019	Metal	Zinc	Total	=	371	µg/L	EPA 200.8	1.9	10			
2018/19-4	000NONPJ	matrix spike dup, rec	3/9/2019	Metal	Zinc	Total	=	94	%	EPA 200.8	-88	-88	70	130	
2018/19-4	000NONPJ	matrix spike, RPD	3/9/2019	Metal	Zinc	Total	=	1	%	EPA 200.8	-88	-88	0	30	
2018/19-4	000NONPJ	matrix spike	3/9/2019	Metal	Zinc	Total	=	57.3	µg/L	EPA 200.8	0.94	5			
2018/19-4	000NONPJ	matrix spike, rec	3/9/2019	Metal	Zinc	Total	=	98	%	EPA 200.8	-88	-88	70	130	
2018/19-4	000NONPJ	matrix spike dup	3/9/2019	Metal	Zinc	Total	=	64	µg/L	EPA 200.8	0.94	5			
2018/19-4	000NONPJ	matrix spike dup, rec	3/9/2019	Metal	Zinc	Total	=	110	%	EPA 200.8	-88	-88	70	130	
2018/19-4	000NONPJ	matrix spike, RPD	3/9/2019	Metal	Zinc	Total	=	11	%	EPA 200.8	-88	-88	0	30	
2018/19-4	Lab	method blank	3/9/2019	Metal	Zinc	Total	<	0.94	µg/L	EPA 200.8	0.94	5			
2018/19-4	Lab	LCS	3/9/2019	Metal	Zinc	Total	=	56.8	µg/L	EPA 200.8	0.94	5			
2018/19-4	Lab	LCS, rec	3/9/2019	Metal	Zinc	Total	=	100	%	EPA 200.8	-88	-88	85	115	
2018/19-4	000NONPJ	matrix spike	2/9/2019	Nutrient	Ammonia as N	n/a	=	0.303	mg/L	EPA 350.1	0.048	0.1			
2018/19-4	000NONPJ	matrix spike	2/9/2019	Nutrient	Ammonia as N	n/a	=	0.319	mg/L	EPA 350.1	0.048	0.1			
2018/19-4	000NONPJ	matrix spike dup	2/9/2019	Nutrient	Ammonia as N	n/a	=	0.322	mg/L	EPA 350.1	0.048	0.1			
2018/19-4	000NONPJ	matrix spike dup	2/9/2019	Nutrient	Ammonia as N	n/a	=	0.302	mg/L	EPA 350.1	0.048	0.1			
2018/19-4	000NONPJ	matrix spike dup, rec	2/9/2019	Nutrient	Ammonia as N	n/a	=	96	%	EPA 350.1	-88	-88	90	110	
2018/19-4	000NONPJ	matrix spike dup, rec	2/9/2019	Nutrient	Ammonia as N	n/a	=	102	%	EPA 350.1	-88	-88	90	110	
2018/19-4	000NONPJ	matrix spike, rec	2/9/2019	Nutrient	Ammonia as N	n/a	=	101	%	EPA 350.1	-88	-88	90	110	
2018/19-4	000NONPJ	matrix spike, rec	2/9/2019	Nutrient	Ammonia as N	n/a	=	96	%	EPA 350.1	-88	-88	90	110	
2018/19-4	000NONPJ	matrix spike, RPD	2/9/2019	Nutrient	Ammonia as N	n/a	=	0.9	%	EPA 350.1	-88	-88	0	15	
2018/19-4	000NONPJ	matrix spike, RPD	2/9/2019	Nutrient	Ammonia as N	n/a	=	0.3	%	EPA 350.1	-88	-88	0	15	
2018/19-4	Lab	LCS	2/9/2019	Nutrient	Ammonia as N	n/a	=	0.246	mg/L	EPA 350.1	0.048	0.1			
2018/19-4	Lab	LCS	2/9/2019	Nutrient	Ammonia as N	n/a	=	0.245	mg/L	EPA 350.1	0.048	0.1			
2018/19-4	Lab	LCS, rec	2/9/2019	Nutrient	Ammonia as N	n/a	=	98	%	EPA 350.1	-88	-88	90	110	
2018/19-4	Lab	LCS, rec	2/9/2019	Nutrient	Ammonia as N	n/a	=	98	%	EPA 350.1	-88	-88	90	110	
2018/19-4	Lab	method blank	2/9/2019	Nutrient	Ammonia as N	n/a	<	0.048	mg/L	EPA 350.1	0.048	0.1			
2018/19-4	Lab	method blank	2/9/2019	Nutrient	Ammonia as N	n/a	<	0.048	mg/L	EPA 350.1	0.048	0.1			
2018/19-4	000NONPJ	matrix spike	2/20/2019	Nutrient	Nitrate + Nitrite as N	n/a	=	2.14	mg/L	EPA 353.2	0.083	0.2			
2018/19-4	000NONPJ	matrix spike, rec	2/20/2019	Nutrient	Nitrate + Nitrite as N	n/a	=	102	%	EPA 353.2	-88	-88	90	110	
2018/19-4	000NONPJ	matrix spike dup	2/20/2019	Nutrient	Nitrate + Nitrite as N	n/a	=	2.14	mg/L	EPA 353.2	0.083	0.2			
2018/19-4	000NONPJ	matrix spike dup, rec	2/20/2019	Nutrient	Nitrate + Nitrite as N	n/a	=	102	%	EPA 353.2	-88	-88	90	110	
2018/19-4	000NONPJ	matrix spike, RPD	2/20/2019	Nutrient	Nitrate + Nitrite as N	n/a	=	0	%	EPA 353.2	-88	-88	0	20	
2018/19-4	000NONPJ	matrix spike	2/20/2019	Nutrient	Nitrate + Nitrite as N	n/a	=	2.09	mg/L	EPA 353.2	0.083	0.2			
2018/19-4	000NONPJ	matrix spike, rec	2/20/2019	Nutrient	Nitrate + Nitrite as N	n/a	=	100	%	EPA 353.2	-88	-88	90	110	
2018/19-4	000NONPJ	matrix spike dup	2/20/2019	Nutrient	Nitrate + Nitrite as N	n/a	=	2.06	mg/L	EPA 353.2	0.083	0.2			

Appendix F
Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2018/19-4	000NONPJ	matrix spike dup, rec	2/20/2019	Nutrient	Nitrate + Nitrite as N	n/a	=	99	%	EPA 353.2	-88	-88	90	110	
2018/19-4	000NONPJ	matrix spike, RPD	2/20/2019	Nutrient	Nitrate + Nitrite as N	n/a	=	1	%	EPA 353.2	-88	-88	0	20	
2018/19-4	Lab	method blank	2/20/2019	Nutrient	Nitrate + Nitrite as N	n/a	<	0.083	mg/L	EPA 353.2	0.083	0.2			
2018/19-4	Lab	LCS	2/20/2019	Nutrient	Nitrate + Nitrite as N	n/a	=	0.987	mg/L	EPA 353.2	0.083	0.2			
2018/19-4	Lab	LCS, rec	2/20/2019	Nutrient	Nitrate + Nitrite as N	n/a	=	99	%	EPA 353.2	-88	-88	90	110	
2018/19-4	Lab	method blank	2/7/2019	Nutrient	Phosphorus as P	Dissolved	<	0.0014	mg/L	EPA 365.1	0.0014	0.01			
2018/19-4	Lab	LCS	2/7/2019	Nutrient	Phosphorus as P	Dissolved	=	0.0535	mg/L	EPA 365.1	0.0014	0.01			
2018/19-4	Lab	LCS, rec	2/7/2019	Nutrient	Phosphorus as P	Dissolved	=	107	%	EPA 365.1	-88	-88	90	110	
2018/19-4	Lab	LCS	3/21/2019	Nutrient	Phosphorus as P	Dissolved	=	1.06	mg/L	EPA 200.7	0.012	0.02			
2018/19-4	Lab	LCS, rec	3/21/2019	Nutrient	Phosphorus as P	Dissolved	=	106	%	EPA 200.7	-88	-88	85	115	
2018/19-4	Lab	method blank	3/21/2019	Nutrient	Phosphorus as P	Dissolved	<	0.012	mg/L	EPA 200.7	0.012	0.02			
2018/19-4	Lab	method blank	3/21/2019	Nutrient	Phosphorus as P	Dissolved	<	0.012	mg/L	EPA 200.7	0.012	0.02			
2018/19-4	ME-SCR	matrix spike	2/7/2019	Nutrient	Phosphorus as P	Dissolved	=	0.0982	mg/L	EPA 365.1	0.0014	0.01			
2018/19-4	ME-SCR	matrix spike, rec	2/7/2019	Nutrient	Phosphorus as P	Dissolved	=	95	%	EPA 365.1	-88	-88	90	110	
2018/19-4	ME-SCR	matrix spike dup	2/7/2019	Nutrient	Phosphorus as P	Dissolved	=	0.0974	mg/L	EPA 365.1	0.0014	0.01			
2018/19-4	ME-SCR	matrix spike dup, rec	2/7/2019	Nutrient	Phosphorus as P	Dissolved	=	93	%	EPA 365.1	-88	-88	90	110	
2018/19-4	ME-SCR	matrix spike, RPD	2/7/2019	Nutrient	Phosphorus as P	Dissolved	=	0.8	%	EPA 365.1	-88	-88	0	20	
2018/19-4	000NONPJ	matrix spike	2/7/2019	Nutrient	Phosphorus as P	Total	=	0.2	mg/L	EPA 365.1	0.0014	0.01			
2018/19-4	000NONPJ	matrix spike, rec	2/7/2019	Nutrient	Phosphorus as P	Total	=	94	%	EPA 365.1	-88	-88	90	110	
2018/19-4	000NONPJ	matrix spike dup	2/7/2019	Nutrient	Phosphorus as P	Total	=	0.199	mg/L	EPA 365.1	0.0014	0.01			
2018/19-4	000NONPJ	matrix spike dup, rec	2/7/2019	Nutrient	Phosphorus as P	Total	=	92	%	EPA 365.1	-88	-88	90	110	
2018/19-4	000NONPJ	matrix spike, RPD	2/7/2019	Nutrient	Phosphorus as P	Total	=	0.5	%	EPA 365.1	-88	-88	0	20	
2018/19-4	000NONPJ	matrix spike	2/7/2019	Nutrient	Phosphorus as P	Total	=	0.156	mg/L	EPA 365.1	0.0014	0.01			
2018/19-4	000NONPJ	matrix spike, rec	2/7/2019	Nutrient	Phosphorus as P	Total	=	92	%	EPA 365.1	-88	-88	90	110	
2018/19-4	000NONPJ	matrix spike dup	2/7/2019	Nutrient	Phosphorus as P	Total	=	0.155	mg/L	EPA 365.1	0.0014	0.01			
2018/19-4	000NONPJ	matrix spike dup, rec	2/7/2019	Nutrient	Phosphorus as P	Total	=	90	%	EPA 365.1	-88	-88	90	110	
2018/19-4	000NONPJ	matrix spike, RPD	2/7/2019	Nutrient	Phosphorus as P	Total	=	0.6	%	EPA 365.1	-88	-88	0	20	
2018/19-4	000NONPJ	matrix spike	3/21/2019	Nutrient	Phosphorus as P	Total	=	1.08	mg/L	EPA 200.7	0.012	0.02			
2018/19-4	000NONPJ	matrix spike, rec	3/21/2019	Nutrient	Phosphorus as P	Total	=	108	%	EPA 200.7	-88	-88	70	130	
2018/19-4	000NONPJ	matrix spike dup	3/21/2019	Nutrient	Phosphorus as P	Total	=	1.07	mg/L	EPA 200.7	0.012	0.02			
2018/19-4	000NONPJ	matrix spike dup, rec	3/21/2019	Nutrient	Phosphorus as P	Total	=	107	%	EPA 200.7	-88	-88	70	130	
2018/19-4	000NONPJ	matrix spike, RPD	3/21/2019	Nutrient	Phosphorus as P	Total	=	1	%	EPA 200.7	-88	-88	0	30	
2018/19-4	000NONPJ	matrix spike	3/21/2019	Nutrient	Phosphorus as P	Total	=	1.27	mg/L	EPA 200.7	0.012	0.02			
2018/19-4	000NONPJ	matrix spike, rec	3/21/2019	Nutrient	Phosphorus as P	Total	=	110	%	EPA 200.7	-88	-88	70	130	
2018/19-4	000NONPJ	matrix spike dup	3/21/2019	Nutrient	Phosphorus as P	Total	=	1.28	mg/L	EPA 200.7	0.012	0.02			
2018/19-4	000NONPJ	matrix spike dup, rec	3/21/2019	Nutrient	Phosphorus as P	Total	=	111	%	EPA 200.7	-88	-88	70	130	
2018/19-4	000NONPJ	matrix spike, RPD	3/21/2019	Nutrient	Phosphorus as P	Total	=	0.6	%	EPA 200.7	-88	-88	0	30	
2018/19-4	Lab	method blank	2/7/2019	Nutrient	Phosphorus as P	Total	<	0.0014	mg/L	EPA 365.1	0.0014	0.01			
2018/19-4	Lab	LCS	2/7/2019	Nutrient	Phosphorus as P	Total	=	0.0503	mg/L	EPA 365.1	0.0014	0.01			
2018/19-4	Lab	LCS, rec	2/7/2019	Nutrient	Phosphorus as P	Total	=	101	%	EPA 365.1	-88	-88	90	110	
2018/19-4	Lab	LCS	3/21/2019	Nutrient	Phosphorus as P	Total	=	1.06	mg/L	EPA 200.7	0.012	0.02			
2018/19-4	Lab	LCS, rec	3/21/2019	Nutrient	Phosphorus as P	Total	=	106	%	EPA 200.7	-88	-88	85	115	
2018/19-4	Lab	method blank	3/21/2019	Nutrient	Phosphorus as P	Total	<	0.012	mg/L	EPA 200.7	0.012	0.02			
2018/19-4	000NONPJ	matrix spike	2/26/2019	Nutrient	TKN	n/a	=	1.08	mg/L	EPA 351.2	0.05	0.1			
2018/19-4	000NONPJ	matrix spike	2/26/2019	Nutrient	TKN	n/a	=	1.09	mg/L	EPA 351.2	0.05	0.1			
2018/19-4	000NONPJ	matrix spike dup	2/26/2019	Nutrient	TKN	n/a	=	1.1	mg/L	EPA 351.2	0.05	0.1			
2018/19-4	000NONPJ	matrix spike dup	2/26/2019	Nutrient	TKN	n/a	=	1.07	mg/L	EPA 351.2	0.05	0.1			

Appendix F
Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2018/19-4	000NONPJ	matrix spike dup, rec	2/26/2019	Nutrient	TKN	n/a	=	91	%	EPA 351.2	-88	-88	90	110	
2018/19-4	000NONPJ	matrix spike dup, rec	2/26/2019	Nutrient	TKN	n/a	=	97	%	EPA 351.2	-88	-88	90	110	
2018/19-4	000NONPJ	matrix spike, rec	2/26/2019	Nutrient	TKN	n/a	=	92	%	EPA 351.2	-88	-88	90	110	
2018/19-4	000NONPJ	matrix spike, rec	2/26/2019	Nutrient	TKN	n/a	=	96	%	EPA 351.2	-88	-88	90	110	
2018/19-4	000NONPJ	matrix spike, RPD	2/26/2019	Nutrient	TKN	n/a	=	1	%	EPA 351.2	-88	-88	0	10	
2018/19-4	000NONPJ	matrix spike, RPD	2/26/2019	Nutrient	TKN	n/a	=	1	%	EPA 351.2	-88	-88	0	10	
2018/19-4	Lab	LCS	2/26/2019	Nutrient	TKN	n/a	=	0.907	mg/L	EPA 351.2	0.05	0.1			
2018/19-4	Lab	LCS	2/26/2019	Nutrient	TKN	n/a	=	0.924	mg/L	EPA 351.2	0.05	0.1			
2018/19-4	Lab	LCS, rec	2/26/2019	Nutrient	TKN	n/a	=	92	%	EPA 351.2	-88	-88	90	110	
2018/19-4	Lab	LCS, rec	2/26/2019	Nutrient	TKN	n/a	=	91	%	EPA 351.2	-88	-88	90	110	
2018/19-4	Lab	method blank	2/26/2019	Nutrient	TKN	n/a	<	0.05	mg/L	EPA 351.2	0.05	0.1			
2018/19-4	Lab	method blank	2/26/2019	Nutrient	TKN	n/a	<	0.05	mg/L	EPA 351.2	0.05	0.1			
2018/19-4	Lab	method blank	2/26/2019	Organic	1,2,4-Trichlorobenzene	n/a	<	0.55	µg/L	EPA 625	0.55	1			
2018/19-4	Lab	LCS	2/26/2019	Organic	1,2,4-Trichlorobenzene	n/a	=	20.2	µg/L	EPA 625	0.55	1			
2018/19-4	Lab	LCS, rec	2/26/2019	Organic	1,2,4-Trichlorobenzene	n/a	=	81	%	EPA 625	-88	-88	44	142	
2018/19-4	Lab	LCS dup	2/26/2019	Organic	1,2,4-Trichlorobenzene	n/a	=	17.2	µg/L	EPA 625	0.55	1			
2018/19-4	Lab	LCS dup, rec	2/26/2019	Organic	1,2,4-Trichlorobenzene	n/a	=	69	%	EPA 625	-88	-88	44	142	
2018/19-4	Lab	LCS, RPD	2/26/2019	Organic	1,2,4-Trichlorobenzene	n/a	=	16	%	EPA 625	-88	-88	0	30	
2018/19-4	Lab	method blank	2/26/2019	Organic	1,2-Dichlorobenzene	n/a	<	0.57	µg/L	EPA 625	0.57	1			
2018/19-4	Lab	LCS	2/26/2019	Organic	1,2-Dichlorobenzene	n/a	=	19.9	µg/L	EPA 625	0.57	1			
2018/19-4	Lab	LCS, rec	2/26/2019	Organic	1,2-Dichlorobenzene	n/a	=	79	%	EPA 625	-88	-88	32	129	
2018/19-4	Lab	LCS dup	2/26/2019	Organic	1,2-Dichlorobenzene	n/a	=	17.9	µg/L	EPA 625	0.57	1			
2018/19-4	Lab	LCS dup, rec	2/26/2019	Organic	1,2-Dichlorobenzene	n/a	=	72	%	EPA 625	-88	-88	32	129	
2018/19-4	Lab	LCS, RPD	2/26/2019	Organic	1,2-Dichlorobenzene	n/a	=	11	%	EPA 625	-88	-88	0	30	
2018/19-4	000NONPJ	srgt matrix spike	2/3/2019	Organic	1,2-Dichloroethane-d4	n/a	=	51.3	µg/L	EPA 624	-88	-88			
2018/19-4	000NONPJ	srgt matrix spike, rec	2/3/2019	Organic	1,2-Dichloroethane-d4	n/a	=	103	%	EPA 624	-88	-88	82	125	
2018/19-4	000NONPJ	srgt matrix spike dup	2/3/2019	Organic	1,2-Dichloroethane-d4	n/a	=	51.3	µg/L	EPA 624	-88	-88			
2018/19-4	000NONPJ	srgt matrix spike dup, rec	2/3/2019	Organic	1,2-Dichloroethane-d4	n/a	=	103	%	EPA 624	-88	-88	82	125	
2018/19-4	Lab	srgt LCS	2/2/2019	Organic	1,2-Dichloroethane-d4	n/a	=	51.9	µg/L	EPA 624	-88	-88			
2018/19-4	Lab	srgt LCS, rec	2/2/2019	Organic	1,2-Dichloroethane-d4	n/a	=	104	%	EPA 624	-88	-88	82	125	
2018/19-4	Lab	srgt LCS dup	2/2/2019	Organic	1,2-Dichloroethane-d4	n/a	=	51.9	µg/L	EPA 624	-88	-88			
2018/19-4	Lab	srgt LCS dup, rec	2/2/2019	Organic	1,2-Dichloroethane-d4	n/a	=	104	%	EPA 624	-88	-88	82	125	
2018/19-4	Lab	srgt method blank	2/2/2019	Organic	1,2-Dichloroethane-d4	n/a	=	48.7	µg/L	EPA 624	-88	-88			
2018/19-4	Lab	srgt method blank, rec	2/2/2019	Organic	1,2-Dichloroethane-d4	n/a	=	97	%	EPA 624	-88	-88	82	125	
2018/19-4	ME-SCR	srgt environ	2/3/2019	Organic	1,2-Dichloroethane-d4	n/a	=	48.8	µg/L	EPA 624	-88	-88			
2018/19-4	ME-SCR	srgt environ, rec	2/3/2019	Organic	1,2-Dichloroethane-d4	n/a	=	98	%	EPA 624	-88	-88	82	125	
2018/19-4	Lab	method blank	2/26/2019	Organic	1,2-Diphenylhydrazine	n/a	<	0.25	µg/L	EPA 625	0.25	1			
2018/19-4	Lab	method blank	2/26/2019	Organic	1,3-Dichlorobenzene	n/a	<	0.53	µg/L	EPA 625	0.53	1			
2018/19-4	Lab	LCS	2/26/2019	Organic	1,3-Dichlorobenzene	n/a	=	19.4	µg/L	EPA 625	0.53	1			
2018/19-4	Lab	LCS, rec	2/26/2019	Organic	1,3-Dichlorobenzene	n/a	=	78	%	EPA 625	-88	-88	0.1	172	
2018/19-4	Lab	LCS dup	2/26/2019	Organic	1,3-Dichlorobenzene	n/a	=	17.3	µg/L	EPA 625	0.53	1			
2018/19-4	Lab	LCS dup, rec	2/26/2019	Organic	1,3-Dichlorobenzene	n/a	=	69	%	EPA 625	-88	-88	0.1	172	
2018/19-4	Lab	LCS, RPD	2/26/2019	Organic	1,3-Dichlorobenzene	n/a	=	12	%	EPA 625	-88	-88	0	30	
2018/19-4	000NONPJ	srgt matrix spike	2/21/2019	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	0.887	µg/L	EPA 525.2m	-88	-88			
2018/19-4	000NONPJ	srgt matrix spike, rec	2/21/2019	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	89	%	EPA 525.2m	-88	-88	76	128	
2018/19-4	000NONPJ	srgt matrix spike dup	2/21/2019	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	0.865	µg/L	EPA 525.2m	-88	-88			
2018/19-4	000NONPJ	srgt matrix spike dup, rec	2/21/2019	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	87	%	EPA 525.2m	-88	-88	76	128	

Appendix F
Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2018/19-4	Lab	srgt method blank	2/20/2019	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	4.95	µg/L	EPA 525.2	-88	-88			
2018/19-4	Lab	srgt method blank, rec	2/20/2019	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	99	%	EPA 525.2	-88	-88	70	130	
2018/19-4	Lab	srgt LCS	2/20/2019	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	5.08	µg/L	EPA 525.2	-88	-88			
2018/19-4	Lab	srgt LCS, rec	2/20/2019	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	102	%	EPA 525.2	-88	-88	70	130	
2018/19-4	Lab	srgt LCS dup	2/20/2019	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	4.92	µg/L	EPA 525.2	-88	-88			
2018/19-4	Lab	srgt LCS dup, rec	2/20/2019	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	98	%	EPA 525.2	-88	-88	70	130	
2018/19-4	Lab	srgt method blank	2/21/2019	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	0.418	µg/L	EPA 525.2m	-88	-88			
2018/19-4	Lab	srgt method blank, rec	2/21/2019	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	84	%	EPA 525.2m	-88	-88	76	128	
2018/19-4	Lab	srgt LCS	2/21/2019	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	0.464	µg/L	EPA 525.2m	-88	-88			
2018/19-4	Lab	srgt LCS, rec	2/21/2019	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	93	%	EPA 525.2m	-88	-88	76	128	
2018/19-4	ME-SCR	srgt environ	2/21/2019	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	55.5	µg/L	EPA 525.2	-88	-88			
2018/19-4	ME-SCR	srgt environ, rec	2/21/2019	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	111	%	EPA 525.2	-88	-88	70	130	
2018/19-4	ME-SCR	srgt environ	2/21/2019	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	4.39	µg/L	EPA 525.2m	-88	-88			
2018/19-4	ME-SCR	srgt environ, rec	2/21/2019	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	88	%	EPA 525.2m	-88	-88	76	128	
2018/19-4	Lab	method blank	2/26/2019	Organic	1,4-Dichlorobenzene	n/a	<	0.55	µg/L	EPA 625	0.55	1			
2018/19-4	Lab	LCS	2/26/2019	Organic	1,4-Dichlorobenzene	n/a	=	19.6	µg/L	EPA 625	0.55	1			
2018/19-4	Lab	LCS, rec	2/26/2019	Organic	1,4-Dichlorobenzene	n/a	=	78	%	EPA 625	-88	-88	20	124	
2018/19-4	Lab	LCS dup	2/26/2019	Organic	1,4-Dichlorobenzene	n/a	=	17.6	µg/L	EPA 625	0.55	1			
2018/19-4	Lab	LCS dup, rec	2/26/2019	Organic	1,4-Dichlorobenzene	n/a	=	70	%	EPA 625	-88	-88	20	124	
2018/19-4	Lab	LCS, RPD	2/26/2019	Organic	1,4-Dichlorobenzene	n/a	=	11	%	EPA 625	-88	-88	0	30	
2018/19-4	Lab	method blank	2/15/2019	Organic	1-Methylnaphthalene	n/a	<	0.1	µg/L	EPA 8270C	0.1	0.1			
2018/19-4	Lab	method blank	2/15/2019	Organic	2,4,5-Trichlorophenol	n/a	<	0.29	µg/L	EPA 8270C	0.29	1			
2018/19-4	Lab	srgt method blank	2/15/2019	Organic	2,4,6-Tribromophenol	n/a	=	6.07	µg/L	EPA 8270C	-88	-88			
2018/19-4	Lab	srgt method blank, rec	2/15/2019	Organic	2,4,6-Tribromophenol	n/a	=	61	%	EPA 8270C	-88	-88	26	117	
2018/19-4	Lab	srgt LCS	2/15/2019	Organic	2,4,6-Tribromophenol	n/a	=	9.14	µg/L	EPA 8270C	-88	-88			
2018/19-4	Lab	srgt LCS, rec	2/15/2019	Organic	2,4,6-Tribromophenol	n/a	=	91	%	EPA 8270C	-88	-88	26	117	
2018/19-4	Lab	srgt LCS dup	2/15/2019	Organic	2,4,6-Tribromophenol	n/a	=	8.99	µg/L	EPA 8270C	-88	-88			
2018/19-4	Lab	srgt LCS dup, rec	2/15/2019	Organic	2,4,6-Tribromophenol	n/a	=	90	%	EPA 8270C	-88	-88	26	117	
2018/19-4	Lab	srgt method blank	2/26/2019	Organic	2,4,6-Tribromophenol	n/a	=	5.13	µg/L	EPA 625	-88	-88			
2018/19-4	Lab	srgt method blank, rec	2/26/2019	Organic	2,4,6-Tribromophenol	n/a	=	51	%	EPA 625	-88	-88	25	102	
2018/19-4	Lab	srgt LCS	2/26/2019	Organic	2,4,6-Tribromophenol	n/a	=	56.7	µg/L	EPA 625	-88	-88			GN
2018/19-4	Lab	srgt LCS, rec	2/26/2019	Organic	2,4,6-Tribromophenol	n/a	=	113	%	EPA 625	-88	-88	25	102	GN
2018/19-4	Lab	srgt LCS dup	2/26/2019	Organic	2,4,6-Tribromophenol	n/a	=	39.8	µg/L	EPA 625	-88	-88			
2018/19-4	Lab	srgt LCS dup, rec	2/26/2019	Organic	2,4,6-Tribromophenol	n/a	=	80	%	EPA 625	-88	-88	25	102	
2018/19-4	ME-SCR	srgt environ	2/15/2019	Organic	2,4,6-Tribromophenol	n/a	=	50.5	µg/L	EPA 8270C	-88	-88			
2018/19-4	ME-SCR	srgt environ, rec	2/15/2019	Organic	2,4,6-Tribromophenol	n/a	=	50	%	EPA 8270C	-88	-88	26	117	
2018/19-4	ME-SCR	srgt environ	2/26/2019	Organic	2,4,6-Tribromophenol	n/a	=	404	µg/L	EPA 625	-88	-88			
2018/19-4	ME-SCR	srgt environ, rec	2/26/2019	Organic	2,4,6-Tribromophenol	n/a	=	81	%	EPA 625	-88	-88	25	102	
2018/19-4	Lab	method blank	2/15/2019	Organic	2,4,6-Trichlorophenol	n/a	<	0.3	µg/L	EPA 8270C	0.3	1			
2018/19-4	Lab	LCS	2/15/2019	Organic	2,4,6-Trichlorophenol	n/a	=	7.12	µg/L	EPA 8270C	0.3	1			
2018/19-4	Lab	LCS, rec	2/15/2019	Organic	2,4,6-Trichlorophenol	n/a	=	71	%	EPA 8270C	-88	-88	30	115	
2018/19-4	Lab	LCS dup	2/15/2019	Organic	2,4,6-Trichlorophenol	n/a	=	7.29	µg/L	EPA 8270C	0.3	1			
2018/19-4	Lab	LCS dup, rec	2/15/2019	Organic	2,4,6-Trichlorophenol	n/a	=	73	%	EPA 8270C	-88	-88	30	115	
2018/19-4	Lab	LCS, RPD	2/15/2019	Organic	2,4,6-Trichlorophenol	n/a	=	2	%	EPA 8270C	-88	-88	0	30	
2018/19-4	Lab	method blank	2/26/2019	Organic	2,4,6-Trichlorophenol	n/a	<	0.22	µg/L	EPA 625	0.22	1			
2018/19-4	Lab	LCS	2/26/2019	Organic	2,4,6-Trichlorophenol	n/a	=	22.4	µg/L	EPA 625	0.22	1			
2018/19-4	Lab	LCS, rec	2/26/2019	Organic	2,4,6-Trichlorophenol	n/a	=	90	%	EPA 625	-88	-88	37	144	

Appendix F
Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2018/19-4	Lab	LCS dup	2/26/2019	Organic	2,4,6-Trichlorophenol	n/a	=	21.4	µg/L	EPA 625	0.22	1			
2018/19-4	Lab	LCS dup, rec	2/26/2019	Organic	2,4,6-Trichlorophenol	n/a	=	86	%	EPA 625	-88	-88	37	144	
2018/19-4	Lab	LCS, RPD	2/26/2019	Organic	2,4,6-Trichlorophenol	n/a	=	4	%	EPA 625	-88	-88	0	30	
2018/19-4	Lab	method blank	2/15/2019	Organic	2,4-Dichlorophenol	n/a	<	0.51	µg/L	EPA 8270C	0.51	1			
2018/19-4	Lab	LCS	2/15/2019	Organic	2,4-Dichlorophenol	n/a	=	7.53	µg/L	EPA 8270C	0.51	1			
2018/19-4	Lab	LCS, rec	2/15/2019	Organic	2,4-Dichlorophenol	n/a	=	75	%	EPA 8270C	-88	-88	32	105	
2018/19-4	Lab	LCS dup	2/15/2019	Organic	2,4-Dichlorophenol	n/a	=	7.82	µg/L	EPA 8270C	0.51	1			
2018/19-4	Lab	LCS dup, rec	2/15/2019	Organic	2,4-Dichlorophenol	n/a	=	78	%	EPA 8270C	-88	-88	32	105	
2018/19-4	Lab	LCS, RPD	2/15/2019	Organic	2,4-Dichlorophenol	n/a	=	4	%	EPA 8270C	-88	-88	0	30	
2018/19-4	Lab	method blank	2/26/2019	Organic	2,4-Dichlorophenol	n/a	<	0.26	µg/L	EPA 625	0.26	1			
2018/19-4	Lab	LCS	2/26/2019	Organic	2,4-Dichlorophenol	n/a	=	23	µg/L	EPA 625	0.26	1			
2018/19-4	Lab	LCS, rec	2/26/2019	Organic	2,4-Dichlorophenol	n/a	=	92	%	EPA 625	-88	-88	39	135	
2018/19-4	Lab	LCS dup	2/26/2019	Organic	2,4-Dichlorophenol	n/a	=	22.6	µg/L	EPA 625	0.26	1			
2018/19-4	Lab	LCS dup, rec	2/26/2019	Organic	2,4-Dichlorophenol	n/a	=	90	%	EPA 625	-88	-88	39	135	
2018/19-4	Lab	LCS, RPD	2/26/2019	Organic	2,4-Dichlorophenol	n/a	=	2	%	EPA 625	-88	-88	0	30	
2018/19-4	000NONPJ	srgt matrix spike	2/20/2019	Organic	2,4-Dichlorophenylacetic acid	n/a	=	10.6	µg/L	EPA 515.3	-88	-88			
2018/19-4	000NONPJ	srgt matrix spike, rec	2/20/2019	Organic	2,4-Dichlorophenylacetic acid	n/a	=	106	%	EPA 515.3	-88	-88	70	130	
2018/19-4	000NONPJ	srgt matrix spike dup	2/20/2019	Organic	2,4-Dichlorophenylacetic acid	n/a	=	10.8	µg/L	EPA 515.3	-88	-88			
2018/19-4	000NONPJ	srgt matrix spike dup, rec	2/20/2019	Organic	2,4-Dichlorophenylacetic acid	n/a	=	108	%	EPA 515.3	-88	-88	70	130	
2018/19-4	000NONPJ	srgt matrix spike	2/20/2019	Organic	2,4-Dichlorophenylacetic acid	n/a	=	10.9	µg/L	EPA 515.3	-88	-88			
2018/19-4	000NONPJ	srgt matrix spike, rec	2/20/2019	Organic	2,4-Dichlorophenylacetic acid	n/a	=	109	%	EPA 515.3	-88	-88	70	130	
2018/19-4	000NONPJ	srgt matrix spike dup	2/20/2019	Organic	2,4-Dichlorophenylacetic acid	n/a	=	10.3	µg/L	EPA 515.3	-88	-88			
2018/19-4	000NONPJ	srgt matrix spike dup, rec	2/20/2019	Organic	2,4-Dichlorophenylacetic acid	n/a	=	103	%	EPA 515.3	-88	-88	70	130	
2018/19-4	Lab	srgt method blank	2/20/2019	Organic	2,4-Dichlorophenylacetic acid	n/a	=	8.63	µg/L	EPA 515.3	-88	-88			
2018/19-4	Lab	srgt method blank, rec	2/20/2019	Organic	2,4-Dichlorophenylacetic acid	n/a	=	86	%	EPA 515.3	-88	-88	70	130	
2018/19-4	Lab	srgt LCS	2/20/2019	Organic	2,4-Dichlorophenylacetic acid	n/a	=	11.1	µg/L	EPA 515.3	-88	-88			
2018/19-4	Lab	srgt LCS, rec	2/20/2019	Organic	2,4-Dichlorophenylacetic acid	n/a	=	111	%	EPA 515.3	-88	-88	70	130	
2018/19-4	ME-SCR	srgt environ	2/20/2019	Organic	2,4-Dichlorophenylacetic acid	n/a	=	10.5	µg/L	EPA 515.3	-88	-88			
2018/19-4	ME-SCR	srgt environ, rec	2/20/2019	Organic	2,4-Dichlorophenylacetic acid	n/a	=	105	%	EPA 515.3	-88	-88	70	130	
2018/19-4	Lab	method blank	2/15/2019	Organic	2,4-Dimethylphenol	n/a	<	1	µg/L	EPA 8270C	1	2			
2018/19-4	Lab	LCS	2/15/2019	Organic	2,4-Dimethylphenol	n/a	=	7.32	µg/L	EPA 8270C	1	2			
2018/19-4	Lab	LCS, rec	2/15/2019	Organic	2,4-Dimethylphenol	n/a	=	73	%	EPA 8270C	-88	-88	31	97	
2018/19-4	Lab	LCS dup	2/15/2019	Organic	2,4-Dimethylphenol	n/a	=	8.57	µg/L	EPA 8270C	1	2			
2018/19-4	Lab	LCS dup, rec	2/15/2019	Organic	2,4-Dimethylphenol	n/a	=	86	%	EPA 8270C	-88	-88	31	97	
2018/19-4	Lab	LCS, RPD	2/15/2019	Organic	2,4-Dimethylphenol	n/a	=	16	%	EPA 8270C	-88	-88	0	30	
2018/19-4	Lab	method blank	2/26/2019	Organic	2,4-Dimethylphenol	n/a	<	0.3	µg/L	EPA 625	0.3	1			
2018/19-4	Lab	LCS	2/26/2019	Organic	2,4-Dimethylphenol	n/a	=	16.6	µg/L	EPA 625	0.3	1			
2018/19-4	Lab	LCS, rec	2/26/2019	Organic	2,4-Dimethylphenol	n/a	=	66	%	EPA 625	-88	-88	32	119	
2018/19-4	Lab	LCS dup	2/26/2019	Organic	2,4-Dimethylphenol	n/a	=	18.1	µg/L	EPA 625	0.3	1			
2018/19-4	Lab	LCS dup, rec	2/26/2019	Organic	2,4-Dimethylphenol	n/a	=	72	%	EPA 625	-88	-88	32	119	
2018/19-4	Lab	LCS, RPD	2/26/2019	Organic	2,4-Dimethylphenol	n/a	=	9	%	EPA 625	-88	-88	0	30	
2018/19-4	Lab	method blank	2/15/2019	Organic	2,4-Dinitrophenol	n/a	<	1	µg/L	EPA 8270C	1	2			
2018/19-4	Lab	LCS	2/15/2019	Organic	2,4-Dinitrophenol	n/a	=	11.2	µg/L	EPA 8270C	1	2			
2018/19-4	Lab	LCS, rec	2/15/2019	Organic	2,4-Dinitrophenol	n/a	=	112	%	EPA 8270C	-88	-88	7	155	
2018/19-4	Lab	LCS dup	2/15/2019	Organic	2,4-Dinitrophenol	n/a	=	11.3	µg/L	EPA 8270C	1	2			
2018/19-4	Lab	LCS dup, rec	2/15/2019	Organic	2,4-Dinitrophenol	n/a	=	113	%	EPA 8270C	-88	-88	7	155	
2018/19-4	Lab	LCS, RPD	2/15/2019	Organic	2,4-Dinitrophenol	n/a	=	0.7	%	EPA 8270C	-88	-88	0	30	

Appendix F
Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2018/19-4	Lab	method blank	2/26/2019	Organic	2,4-Dinitrophenol	n/a	<	1.6	µg/L	EPA 625	1.6	10			
2018/19-4	Lab	LCS	2/26/2019	Organic	2,4-Dinitrophenol	n/a	=	41.9	µg/L	EPA 625	1.6	10			
2018/19-4	Lab	LCS, rec	2/26/2019	Organic	2,4-Dinitrophenol	n/a	=	168	%	EPA 625	-88	-88	0.1	191	
2018/19-4	Lab	LCS dup	2/26/2019	Organic	2,4-Dinitrophenol	n/a	=	43.1	µg/L	EPA 625	1.6	10			
2018/19-4	Lab	LCS dup, rec	2/26/2019	Organic	2,4-Dinitrophenol	n/a	=	172	%	EPA 625	-88	-88	0.1	191	
2018/19-4	Lab	LCS, RPD	2/26/2019	Organic	2,4-Dinitrophenol	n/a	=	3	%	EPA 625	-88	-88	0	30	
2018/19-4	Lab	method blank	2/26/2019	Organic	2,4-Dinitrotoluene	n/a	<	0.18	µg/L	EPA 625	0.18	1			
2018/19-4	Lab	LCS	2/26/2019	Organic	2,4-Dinitrotoluene	n/a	=	28.6	µg/L	EPA 625	0.18	1			
2018/19-4	Lab	LCS, rec	2/26/2019	Organic	2,4-Dinitrotoluene	n/a	=	114	%	EPA 625	-88	-88	39	139	
2018/19-4	Lab	LCS dup	2/26/2019	Organic	2,4-Dinitrotoluene	n/a	=	28	µg/L	EPA 625	0.18	1			
2018/19-4	Lab	LCS dup, rec	2/26/2019	Organic	2,4-Dinitrotoluene	n/a	=	112	%	EPA 625	-88	-88	39	139	
2018/19-4	Lab	LCS, RPD	2/26/2019	Organic	2,4-Dinitrotoluene	n/a	=	2	%	EPA 625	-88	-88	0	30	
2018/19-4	Lab	method blank	2/26/2019	Organic	2,6-Dinitrotoluene	n/a	<	0.27	µg/L	EPA 625	0.27	1			
2018/19-4	Lab	LCS	2/26/2019	Organic	2,6-Dinitrotoluene	n/a	=	20.6	µg/L	EPA 625	0.27	1			
2018/19-4	Lab	LCS, rec	2/26/2019	Organic	2,6-Dinitrotoluene	n/a	=	82	%	EPA 625	-88	-88	50	158	
2018/19-4	Lab	LCS dup	2/26/2019	Organic	2,6-Dinitrotoluene	n/a	=	20.2	µg/L	EPA 625	0.27	1			
2018/19-4	Lab	LCS dup, rec	2/26/2019	Organic	2,6-Dinitrotoluene	n/a	=	81	%	EPA 625	-88	-88	50	158	
2018/19-4	Lab	LCS, RPD	2/26/2019	Organic	2,6-Dinitrotoluene	n/a	=	2	%	EPA 625	-88	-88	0	30	
2018/19-4	000NONPJ	matrix spike	2/3/2019	Organic	2-Chloroethyl vinyl ether	n/a	<	0.28	µg/L	EPA 624	0.28	1			GB
2018/19-4	000NONPJ	matrix spike, rec	2/3/2019	Organic	2-Chloroethyl vinyl ether	n/a	=	0	%	EPA 624	-88	-88	0.1	305	GB
2018/19-4	000NONPJ	matrix spike dup	2/3/2019	Organic	2-Chloroethyl vinyl ether	n/a	<	0.28	µg/L	EPA 624	0.28	1			GB
2018/19-4	000NONPJ	matrix spike dup, rec	2/3/2019	Organic	2-Chloroethyl vinyl ether	n/a	=	0	%	EPA 624	-88	-88	0.1	305	GB
2018/19-4	000NONPJ	matrix spike, RPD	2/3/2019	Organic	2-Chloroethyl vinyl ether	n/a	=	0	%	EPA 624	-88	-88	0	25	
2018/19-4	Lab	LCS	2/2/2019	Organic	2-Chloroethyl vinyl ether	n/a	=	54.3	µg/L	EPA 624	0.28	1			
2018/19-4	Lab	LCS, rec	2/2/2019	Organic	2-Chloroethyl vinyl ether	n/a	=	109	%	EPA 624	-88	-88	0.1	305	
2018/19-4	Lab	LCS dup	2/2/2019	Organic	2-Chloroethyl vinyl ether	n/a	=	53	µg/L	EPA 624	0.28	1			
2018/19-4	Lab	LCS dup, rec	2/2/2019	Organic	2-Chloroethyl vinyl ether	n/a	=	106	%	EPA 624	-88	-88	0.1	305	
2018/19-4	Lab	LCS, RPD	2/2/2019	Organic	2-Chloroethyl vinyl ether	n/a	=	2	%	EPA 624	-88	-88	0	25	
2018/19-4	Lab	method blank	2/2/2019	Organic	2-Chloroethyl vinyl ether	n/a	<	0.28	µg/L	EPA 624	0.28	1			
2018/19-4	Lab	method blank	2/26/2019	Organic	2-Chloronaphthalene	n/a	<	0.45	µg/L	EPA 625	0.45	1			
2018/19-4	Lab	LCS	2/26/2019	Organic	2-Chloronaphthalene	n/a	=	21.2	µg/L	EPA 625	0.45	1			
2018/19-4	Lab	LCS, rec	2/26/2019	Organic	2-Chloronaphthalene	n/a	=	85	%	EPA 625	-88	-88	60	118	
2018/19-4	Lab	LCS dup	2/26/2019	Organic	2-Chloronaphthalene	n/a	=	18.5	µg/L	EPA 625	0.45	1			
2018/19-4	Lab	LCS dup, rec	2/26/2019	Organic	2-Chloronaphthalene	n/a	=	74	%	EPA 625	-88	-88	60	118	
2018/19-4	Lab	LCS, RPD	2/26/2019	Organic	2-Chloronaphthalene	n/a	=	14	%	EPA 625	-88	-88	0	30	
2018/19-4	Lab	method blank	2/15/2019	Organic	2-Chlorophenol	n/a	<	0.65	µg/L	EPA 8270C	0.65	1			
2018/19-4	Lab	LCS	2/15/2019	Organic	2-Chlorophenol	n/a	=	8.22	µg/L	EPA 8270C	0.65	1			
2018/19-4	Lab	LCS, rec	2/15/2019	Organic	2-Chlorophenol	n/a	=	82	%	EPA 8270C	-88	-88	27	90	
2018/19-4	Lab	LCS dup	2/15/2019	Organic	2-Chlorophenol	n/a	=	8.6	µg/L	EPA 8270C	0.65	1			
2018/19-4	Lab	LCS dup, rec	2/15/2019	Organic	2-Chlorophenol	n/a	=	86	%	EPA 8270C	-88	-88	27	90	
2018/19-4	Lab	LCS, RPD	2/15/2019	Organic	2-Chlorophenol	n/a	=	5	%	EPA 8270C	-88	-88	0	30	
2018/19-4	Lab	method blank	2/26/2019	Organic	2-Chlorophenol	n/a	<	0.28	µg/L	EPA 625	0.28	1			
2018/19-4	Lab	LCS	2/26/2019	Organic	2-Chlorophenol	n/a	=	21.4	µg/L	EPA 625	0.28	1			
2018/19-4	Lab	LCS, rec	2/26/2019	Organic	2-Chlorophenol	n/a	=	86	%	EPA 625	-88	-88	23	134	
2018/19-4	Lab	LCS dup	2/26/2019	Organic	2-Chlorophenol	n/a	=	21.4	µg/L	EPA 625	0.28	1			
2018/19-4	Lab	LCS dup, rec	2/26/2019	Organic	2-Chlorophenol	n/a	=	86	%	EPA 625	-88	-88	23	134	
2018/19-4	Lab	LCS, RPD	2/26/2019	Organic	2-Chlorophenol	n/a	=	0.2	%	EPA 625	-88	-88	0	30	

Appendix F
Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2018/19-4	Lab	srgt method blank	2/15/2019	Organic	2-Fluorobiphenyl	n/a	=	3.19	µg/L	EPA 8270C	-88	-88			
2018/19-4	Lab	srgt method blank, rec	2/15/2019	Organic	2-Fluorobiphenyl	n/a	=	64	%	EPA 8270C	-88	-88	51	139	
2018/19-4	Lab	srgt LCS	2/15/2019	Organic	2-Fluorobiphenyl	n/a	=	4.03	µg/L	EPA 8270C	-88	-88			
2018/19-4	Lab	srgt LCS, rec	2/15/2019	Organic	2-Fluorobiphenyl	n/a	=	81	%	EPA 8270C	-88	-88	51	139	
2018/19-4	Lab	srgt LCS dup	2/15/2019	Organic	2-Fluorobiphenyl	n/a	=	3.92	µg/L	EPA 8270C	-88	-88			
2018/19-4	Lab	srgt LCS dup, rec	2/15/2019	Organic	2-Fluorobiphenyl	n/a	=	78	%	EPA 8270C	-88	-88	51	139	
2018/19-4	Lab	srgt method blank	2/26/2019	Organic	2-Fluorobiphenyl	n/a	=	2.63	µg/L	EPA 625	-88	-88			
2018/19-4	Lab	srgt method blank, rec	2/26/2019	Organic	2-Fluorobiphenyl	n/a	=	53	%	EPA 625	-88	-88	22	107	
2018/19-4	Lab	srgt LCS	2/26/2019	Organic	2-Fluorobiphenyl	n/a	=	21.3	µg/L	EPA 625	-88	-88			
2018/19-4	Lab	srgt LCS, rec	2/26/2019	Organic	2-Fluorobiphenyl	n/a	=	85	%	EPA 625	-88	-88	22	107	
2018/19-4	Lab	srgt LCS dup	2/26/2019	Organic	2-Fluorobiphenyl	n/a	=	15.5	µg/L	EPA 625	-88	-88			
2018/19-4	Lab	srgt LCS dup, rec	2/26/2019	Organic	2-Fluorobiphenyl	n/a	=	62	%	EPA 625	-88	-88	22	107	
2018/19-4	ME-SCR	srgt environ	2/15/2019	Organic	2-Fluorobiphenyl	n/a	=	26.1	µg/L	EPA 8270C	-88	-88			
2018/19-4	ME-SCR	srgt environ, rec	2/15/2019	Organic	2-Fluorobiphenyl	n/a	=	52	%	EPA 8270C	-88	-88	51	139	
2018/19-4	ME-SCR	srgt environ	2/26/2019	Organic	2-Fluorobiphenyl	n/a	=	129	µg/L	EPA 625	-88	-88			
2018/19-4	ME-SCR	srgt environ, rec	2/26/2019	Organic	2-Fluorobiphenyl	n/a	=	52	%	EPA 625	-88	-88	22	107	
2018/19-4	Lab	srgt method blank	2/15/2019	Organic	2-Fluorophenol	n/a	=	5.18	µg/L	EPA 8270C	-88	-88			
2018/19-4	Lab	srgt method blank, rec	2/15/2019	Organic	2-Fluorophenol	n/a	=	52	%	EPA 8270C	-88	-88	11	62	
2018/19-4	Lab	srgt LCS	2/15/2019	Organic	2-Fluorophenol	n/a	=	6.26	µg/L	EPA 8270C	-88	-88			GN
2018/19-4	Lab	srgt LCS, rec	2/15/2019	Organic	2-Fluorophenol	n/a	=	63	%	EPA 8270C	-88	-88	11	62	GN
2018/19-4	Lab	srgt LCS dup	2/15/2019	Organic	2-Fluorophenol	n/a	=	6.26	µg/L	EPA 8270C	-88	-88			GN
2018/19-4	Lab	srgt LCS dup, rec	2/15/2019	Organic	2-Fluorophenol	n/a	=	63	%	EPA 8270C	-88	-88	11	62	GN
2018/19-4	Lab	srgt method blank	2/26/2019	Organic	2-Fluorophenol	n/a	=	3.61	µg/L	EPA 625	-88	-88			
2018/19-4	Lab	srgt method blank, rec	2/26/2019	Organic	2-Fluorophenol	n/a	=	36	%	EPA 625	-88	-88	3	74	
2018/19-4	Lab	srgt LCS	2/26/2019	Organic	2-Fluorophenol	n/a	=	27.4	µg/L	EPA 625	-88	-88			
2018/19-4	Lab	srgt LCS, rec	2/26/2019	Organic	2-Fluorophenol	n/a	=	55	%	EPA 625	-88	-88	3	74	
2018/19-4	Lab	srgt LCS dup	2/26/2019	Organic	2-Fluorophenol	n/a	=	22	µg/L	EPA 625	-88	-88			
2018/19-4	Lab	srgt LCS dup, rec	2/26/2019	Organic	2-Fluorophenol	n/a	=	44	%	EPA 625	-88	-88	3	74	
2018/19-4	ME-SCR	srgt environ	2/15/2019	Organic	2-Fluorophenol	n/a	=	38.8	µg/L	EPA 8270C	-88	-88			
2018/19-4	ME-SCR	srgt environ, rec	2/15/2019	Organic	2-Fluorophenol	n/a	=	39	%	EPA 8270C	-88	-88	11	62	
2018/19-4	ME-SCR	srgt environ	2/26/2019	Organic	2-Fluorophenol	n/a	=	191	µg/L	EPA 625	-88	-88			
2018/19-4	ME-SCR	srgt environ, rec	2/26/2019	Organic	2-Fluorophenol	n/a	=	38	%	EPA 625	-88	-88	3	74	
2018/19-4	Lab	method blank	2/15/2019	Organic	2-Methylnaphthalene	n/a	<	0.1	µg/L	EPA 8270C	0.1	0.1			
2018/19-4	Lab	method blank	2/15/2019	Organic	2-Methylphenol	n/a	<	0.34	µg/L	EPA 8270C	0.34	1			
2018/19-4	Lab	method blank	2/15/2019	Organic	2-Nitrophenol	n/a	<	0.71	µg/L	EPA 8270C	0.71	1			
2018/19-4	Lab	LCS	2/15/2019	Organic	2-Nitrophenol	n/a	=	8.15	µg/L	EPA 8270C	0.71	1			
2018/19-4	Lab	LCS, rec	2/15/2019	Organic	2-Nitrophenol	n/a	=	82	%	EPA 8270C	-88	-88	33	103	
2018/19-4	Lab	LCS dup	2/15/2019	Organic	2-Nitrophenol	n/a	=	8.28	µg/L	EPA 8270C	0.71	1			
2018/19-4	Lab	LCS dup, rec	2/15/2019	Organic	2-Nitrophenol	n/a	=	83	%	EPA 8270C	-88	-88	33	103	
2018/19-4	Lab	LCS, RPD	2/15/2019	Organic	2-Nitrophenol	n/a	=	2	%	EPA 8270C	-88	-88	0	30	
2018/19-4	Lab	method blank	2/26/2019	Organic	2-Nitrophenol	n/a	<	0.26	µg/L	EPA 625	0.26	1			
2018/19-4	Lab	LCS	2/26/2019	Organic	2-Nitrophenol	n/a	=	30.4	µg/L	EPA 625	0.26	1			
2018/19-4	Lab	LCS, rec	2/26/2019	Organic	2-Nitrophenol	n/a	=	122	%	EPA 625	-88	-88	29	182	
2018/19-4	Lab	LCS dup	2/26/2019	Organic	2-Nitrophenol	n/a	=	31.6	µg/L	EPA 625	0.26	1			
2018/19-4	Lab	LCS dup, rec	2/26/2019	Organic	2-Nitrophenol	n/a	=	126	%	EPA 625	-88	-88	29	182	
2018/19-4	Lab	LCS, RPD	2/26/2019	Organic	2-Nitrophenol	n/a	=	4	%	EPA 625	-88	-88	0	30	
2018/19-4	Lab	method blank	2/26/2019	Organic	3,3'-Dichlorobenzidine	n/a	<	1.2	µg/L	EPA 625	1.2	5			

Appendix F
Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2018/19-4	Lab	LCS	2/26/2019	Organic	3,3'-Dichlorobenzidine	n/a	=	24.7	µg/L	EPA 625	1.2	5			
2018/19-4	Lab	LCS, rec	2/26/2019	Organic	3,3'-Dichlorobenzidine	n/a	=	99	%	EPA 625	-88	-88	0.1	262	
2018/19-4	Lab	LCS dup	2/26/2019	Organic	3,3'-Dichlorobenzidine	n/a	=	28.7	µg/L	EPA 625	1.2	5			
2018/19-4	Lab	LCS dup, rec	2/26/2019	Organic	3,3'-Dichlorobenzidine	n/a	=	115	%	EPA 625	-88	-88	0.1	262	
2018/19-4	Lab	LCS, RPD	2/26/2019	Organic	3,3'-Dichlorobenzidine	n/a	=	15	%	EPA 625	-88	-88	0	30	
2018/19-4	Lab	method blank	2/15/2019	Organic	3-/4-Methylphenol	n/a	<	0.3	µg/L	EPA 8270C	0.3	1			
2018/19-4	Lab	method blank	2/15/2019	Organic	4,6-Dinitro-2-methylphenol	n/a	<	0.14	µg/L	EPA 8270C	0.14	1			
2018/19-4	Lab	LCS	2/15/2019	Organic	4,6-Dinitro-2-methylphenol	n/a	=	8.84	µg/L	EPA 8270C	0.14	1			
2018/19-4	Lab	LCS, rec	2/15/2019	Organic	4,6-Dinitro-2-methylphenol	n/a	=	88	%	EPA 8270C	-88	-88	33	118	
2018/19-4	Lab	LCS dup	2/15/2019	Organic	4,6-Dinitro-2-methylphenol	n/a	=	9.05	µg/L	EPA 8270C	0.14	1			
2018/19-4	Lab	LCS dup, rec	2/15/2019	Organic	4,6-Dinitro-2-methylphenol	n/a	=	90	%	EPA 8270C	-88	-88	33	118	
2018/19-4	Lab	LCS, RPD	2/15/2019	Organic	4,6-Dinitro-2-methylphenol	n/a	=	2	%	EPA 8270C	-88	-88	0	30	
2018/19-4	Lab	method blank	2/26/2019	Organic	4,6-Dinitro-2-methylphenol	n/a	<	1.7	µg/L	EPA 625	1.7	5			
2018/19-4	Lab	LCS	2/26/2019	Organic	4,6-Dinitro-2-methylphenol	n/a	=	34	µg/L	EPA 625	1.7	5			
2018/19-4	Lab	LCS, rec	2/26/2019	Organic	4,6-Dinitro-2-methylphenol	n/a	=	136	%	EPA 625	-88	-88	0.1	181	
2018/19-4	Lab	LCS dup	2/26/2019	Organic	4,6-Dinitro-2-methylphenol	n/a	=	35.8	µg/L	EPA 625	1.7	5			
2018/19-4	Lab	LCS dup, rec	2/26/2019	Organic	4,6-Dinitro-2-methylphenol	n/a	=	143	%	EPA 625	-88	-88	0.1	181	
2018/19-4	Lab	LCS, RPD	2/26/2019	Organic	4,6-Dinitro-2-methylphenol	n/a	=	5	%	EPA 625	-88	-88	0	30	
2018/19-4	000NONPJ	srgt matrix spike	2/3/2019	Organic	4-Bromofluorobenzene	n/a	=	50.4	µg/L	EPA 624	-88	-88			
2018/19-4	000NONPJ	srgt matrix spike, rec	2/3/2019	Organic	4-Bromofluorobenzene	n/a	=	101	%	EPA 624	-88	-88	88	108	
2018/19-4	000NONPJ	srgt matrix spike dup	2/3/2019	Organic	4-Bromofluorobenzene	n/a	=	51.3	µg/L	EPA 624	-88	-88			
2018/19-4	000NONPJ	srgt matrix spike dup, rec	2/3/2019	Organic	4-Bromofluorobenzene	n/a	=	103	%	EPA 624	-88	-88	88	108	
2018/19-4	Lab	srgt LCS	2/2/2019	Organic	4-Bromofluorobenzene	n/a	=	51.6	µg/L	EPA 624	-88	-88			
2018/19-4	Lab	srgt LCS, rec	2/2/2019	Organic	4-Bromofluorobenzene	n/a	=	103	%	EPA 624	-88	-88	88	108	
2018/19-4	Lab	srgt LCS dup	2/2/2019	Organic	4-Bromofluorobenzene	n/a	=	50.1	µg/L	EPA 624	-88	-88			
2018/19-4	Lab	srgt LCS dup, rec	2/2/2019	Organic	4-Bromofluorobenzene	n/a	=	100	%	EPA 624	-88	-88	88	108	
2018/19-4	Lab	srgt method blank	2/2/2019	Organic	4-Bromofluorobenzene	n/a	=	49.4	µg/L	EPA 624	-88	-88			
2018/19-4	Lab	srgt method blank, rec	2/2/2019	Organic	4-Bromofluorobenzene	n/a	=	99	%	EPA 624	-88	-88	88	108	
2018/19-4	Lab	srgt LCS	2/8/2019	Organic	4-Bromofluorobenzene	n/a	=	51.6	µg/L	LUFT GC/MS	-88	-88			
2018/19-4	Lab	srgt LCS, rec	2/8/2019	Organic	4-Bromofluorobenzene	n/a	=	103	%	LUFT GC/MS	-88	-88	83	110	
2018/19-4	Lab	srgt LCS dup	2/8/2019	Organic	4-Bromofluorobenzene	n/a	=	52.2	µg/L	LUFT GC/MS	-88	-88			
2018/19-4	Lab	srgt LCS dup, rec	2/8/2019	Organic	4-Bromofluorobenzene	n/a	=	104	%	LUFT GC/MS	-88	-88	83	110	
2018/19-4	Lab	srgt method blank	2/8/2019	Organic	4-Bromofluorobenzene	n/a	=	52.3	µg/L	LUFT GC/MS	-88	-88			
2018/19-4	Lab	srgt method blank, rec	2/8/2019	Organic	4-Bromofluorobenzene	n/a	=	105	%	LUFT GC/MS	-88	-88	83	110	
2018/19-4	ME-SCR	srgt environ	2/3/2019	Organic	4-Bromofluorobenzene	n/a	=	49.9	µg/L	EPA 624	-88	-88			
2018/19-4	ME-SCR	srgt environ, rec	2/3/2019	Organic	4-Bromofluorobenzene	n/a	=	100	%	EPA 624	-88	-88	88	108	
2018/19-4	ME-SCR	srgt environ	2/8/2019	Organic	4-Bromofluorobenzene	n/a	=	51.7	µg/L	LUFT GC/MS	-88	-88			
2018/19-4	ME-SCR	srgt environ, rec	2/8/2019	Organic	4-Bromofluorobenzene	n/a	=	103	%	LUFT GC/MS	-88	-88	83	110	
2018/19-4	Lab	method blank	2/26/2019	Organic	4-Bromophenyl phenyl ether	n/a	<	0.36	µg/L	EPA 625	0.36	1			
2018/19-4	Lab	LCS	2/26/2019	Organic	4-Bromophenyl phenyl ether	n/a	=	25.5	µg/L	EPA 625	0.36	1			
2018/19-4	Lab	LCS, rec	2/26/2019	Organic	4-Bromophenyl phenyl ether	n/a	=	102	%	EPA 625	-88	-88	53	127	
2018/19-4	Lab	LCS dup	2/26/2019	Organic	4-Bromophenyl phenyl ether	n/a	=	22.6	µg/L	EPA 625	0.36	1			
2018/19-4	Lab	LCS dup, rec	2/26/2019	Organic	4-Bromophenyl phenyl ether	n/a	=	90	%	EPA 625	-88	-88	53	127	
2018/19-4	Lab	LCS, RPD	2/26/2019	Organic	4-Bromophenyl phenyl ether	n/a	=	12	%	EPA 625	-88	-88	0	30	
2018/19-4	Lab	method blank	2/15/2019	Organic	4-Chloro-3-methylphenol	n/a	<	0.37	µg/L	EPA 8270C	0.37	1			
2018/19-4	Lab	LCS	2/15/2019	Organic	4-Chloro-3-methylphenol	n/a	=	8.62	µg/L	EPA 8270C	0.37	1			
2018/19-4	Lab	LCS, rec	2/15/2019	Organic	4-Chloro-3-methylphenol	n/a	=	86	%	EPA 8270C	-88	-88	29	108	

Appendix F
Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2018/19-4	Lab	LCS dup	2/15/2019	Organic	4-Chloro-3-methylphenol	n/a	=	8.93	µg/L	EPA 8270C	0.37	1			
2018/19-4	Lab	LCS dup, rec	2/15/2019	Organic	4-Chloro-3-methylphenol	n/a	=	89	%	EPA 8270C	-88	-88	29	108	
2018/19-4	Lab	LCS, RPD	2/15/2019	Organic	4-Chloro-3-methylphenol	n/a	=	3	%	EPA 8270C	-88	-88	0	30	
2018/19-4	Lab	method blank	2/26/2019	Organic	4-Chloro-3-methylphenol	n/a	<	0.23	µg/L	EPA 625	0.23	1			
2018/19-4	Lab	LCS	2/26/2019	Organic	4-Chloro-3-methylphenol	n/a	=	21	µg/L	EPA 625	0.23	1			
2018/19-4	Lab	LCS, rec	2/26/2019	Organic	4-Chloro-3-methylphenol	n/a	=	84	%	EPA 625	-88	-88	22	147	
2018/19-4	Lab	LCS dup	2/26/2019	Organic	4-Chloro-3-methylphenol	n/a	=	20.3	µg/L	EPA 625	0.23	1			
2018/19-4	Lab	LCS dup, rec	2/26/2019	Organic	4-Chloro-3-methylphenol	n/a	=	81	%	EPA 625	-88	-88	22	147	
2018/19-4	Lab	LCS, RPD	2/26/2019	Organic	4-Chloro-3-methylphenol	n/a	=	3	%	EPA 625	-88	-88	0	30	
2018/19-4	Lab	method blank	2/26/2019	Organic	4-Chlorophenyl phenyl ether	n/a	<	0.41	µg/L	EPA 625	0.41	1			
2018/19-4	Lab	LCS	2/26/2019	Organic	4-Chlorophenyl phenyl ether	n/a	=	23.1	µg/L	EPA 625	0.41	1			
2018/19-4	Lab	LCS, rec	2/26/2019	Organic	4-Chlorophenyl phenyl ether	n/a	=	92	%	EPA 625	-88	-88	25	158	
2018/19-4	Lab	LCS dup	2/26/2019	Organic	4-Chlorophenyl phenyl ether	n/a	=	20.5	µg/L	EPA 625	0.41	1			
2018/19-4	Lab	LCS dup, rec	2/26/2019	Organic	4-Chlorophenyl phenyl ether	n/a	=	82	%	EPA 625	-88	-88	25	158	
2018/19-4	Lab	LCS, RPD	2/26/2019	Organic	4-Chlorophenyl phenyl ether	n/a	=	12	%	EPA 625	-88	-88	0	30	
2018/19-4	Lab	method blank	2/15/2019	Organic	4-Nitrophenol	n/a	<	1	µg/L	EPA 8270C	1	2			
2018/19-4	Lab	LCS	2/15/2019	Organic	4-Nitrophenol	n/a	=	4.58	µg/L	EPA 8270C	1	2			
2018/19-4	Lab	LCS, rec	2/15/2019	Organic	4-Nitrophenol	n/a	=	46	%	EPA 8270C	-88	-88	6	46	
2018/19-4	Lab	LCS dup	2/15/2019	Organic	4-Nitrophenol	n/a	=	4.66	µg/L	EPA 8270C	1	2			EUM
2018/19-4	Lab	LCS dup, rec	2/15/2019	Organic	4-Nitrophenol	n/a	=	47	%	EPA 8270C	-88	-88	6	46	EUM
2018/19-4	Lab	LCS, RPD	2/15/2019	Organic	4-Nitrophenol	n/a	=	2	%	EPA 8270C	-88	-88	0	30	
2018/19-4	Lab	method blank	2/26/2019	Organic	4-Nitrophenol	n/a	<	0.45	µg/L	EPA 625	0.45	5			
2018/19-4	Lab	LCS	2/26/2019	Organic	4-Nitrophenol	n/a	=	11.7	µg/L	EPA 625	0.45	5			
2018/19-4	Lab	LCS, rec	2/26/2019	Organic	4-Nitrophenol	n/a	=	47	%	EPA 625	-88	-88	0.1	132	
2018/19-4	Lab	LCS dup	2/26/2019	Organic	4-Nitrophenol	n/a	=	11.5	µg/L	EPA 625	0.45	5			
2018/19-4	Lab	LCS dup, rec	2/26/2019	Organic	4-Nitrophenol	n/a	=	46	%	EPA 625	-88	-88	0.1	132	
2018/19-4	Lab	LCS, RPD	2/26/2019	Organic	4-Nitrophenol	n/a	=	1	%	EPA 625	-88	-88	0	30	
2018/19-4	Lab	method blank	2/15/2019	Organic	Acenaphthene	n/a	<	0.1	µg/L	EPA 8270C	0.1	0.1			
2018/19-4	Lab	LCS	2/15/2019	Organic	Acenaphthene	n/a	=	7.97	µg/L	EPA 8270C	0.1	0.1			
2018/19-4	Lab	LCS, rec	2/15/2019	Organic	Acenaphthene	n/a	=	80	%	EPA 8270C	-88	-88	11	122	
2018/19-4	Lab	LCS dup	2/15/2019	Organic	Acenaphthene	n/a	=	8.21	µg/L	EPA 8270C	0.1	0.1			
2018/19-4	Lab	LCS dup, rec	2/15/2019	Organic	Acenaphthene	n/a	=	82	%	EPA 8270C	-88	-88	11	122	
2018/19-4	Lab	LCS, RPD	2/15/2019	Organic	Acenaphthene	n/a	=	3	%	EPA 8270C	-88	-88	0	30	
2018/19-4	Lab	method blank	2/26/2019	Organic	Acenaphthene	n/a	<	0.38	µg/L	EPA 625	0.38	1			
2018/19-4	Lab	LCS	2/26/2019	Organic	Acenaphthene	n/a	=	23	µg/L	EPA 625	0.38	1			
2018/19-4	Lab	LCS, rec	2/26/2019	Organic	Acenaphthene	n/a	=	92	%	EPA 625	-88	-88	47	145	
2018/19-4	Lab	LCS dup	2/26/2019	Organic	Acenaphthene	n/a	=	20.4	µg/L	EPA 625	0.38	1			
2018/19-4	Lab	LCS dup, rec	2/26/2019	Organic	Acenaphthene	n/a	=	82	%	EPA 625	-88	-88	47	145	
2018/19-4	Lab	LCS, RPD	2/26/2019	Organic	Acenaphthene	n/a	=	12	%	EPA 625	-88	-88	0	30	
2018/19-4	Lab	method blank	2/15/2019	Organic	Acenaphthylene	n/a	<	0.1	µg/L	EPA 8270C	0.1	0.1			
2018/19-4	Lab	LCS	2/15/2019	Organic	Acenaphthylene	n/a	=	8.68	µg/L	EPA 8270C	0.1	0.1			
2018/19-4	Lab	LCS, rec	2/15/2019	Organic	Acenaphthylene	n/a	=	87	%	EPA 8270C	-88	-88	4	135	
2018/19-4	Lab	LCS dup	2/15/2019	Organic	Acenaphthylene	n/a	=	8.75	µg/L	EPA 8270C	0.1	0.1			
2018/19-4	Lab	LCS dup, rec	2/15/2019	Organic	Acenaphthylene	n/a	=	88	%	EPA 8270C	-88	-88	4	135	
2018/19-4	Lab	LCS, RPD	2/15/2019	Organic	Acenaphthylene	n/a	=	0.8	%	EPA 8270C	-88	-88	0	30	
2018/19-4	Lab	method blank	2/26/2019	Organic	Acenaphthylene	n/a	<	0.4	µg/L	EPA 625	0.4	1			
2018/19-4	Lab	LCS	2/26/2019	Organic	Acenaphthylene	n/a	=	22.8	µg/L	EPA 625	0.4	1			

Appendix F
Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2018/19-4	Lab	LCS, rec	2/26/2019	Organic	Acenaphthylene	n/a	=	91	%	EPA 625	-88	-88	33	145	
2018/19-4	Lab	LCS dup	2/26/2019	Organic	Acenaphthylene	n/a	=	20.3	µg/L	EPA 625	0.4	1			
2018/19-4	Lab	LCS dup, rec	2/26/2019	Organic	Acenaphthylene	n/a	=	81	%	EPA 625	-88	-88	33	145	
2018/19-4	Lab	LCS, RPD	2/26/2019	Organic	Acenaphthylene	n/a	=	12	%	EPA 625	-88	-88	0	30	
2018/19-4	Lab	method blank	2/15/2019	Organic	Anthracene	n/a	<	0.1	µg/L	EPA 8270C	0.1	0.1			
2018/19-4	Lab	LCS	2/15/2019	Organic	Anthracene	n/a	=	9.01	µg/L	EPA 8270C	0.1	0.1			
2018/19-4	Lab	LCS, rec	2/15/2019	Organic	Anthracene	n/a	=	90	%	EPA 8270C	-88	-88	22	127	
2018/19-4	Lab	LCS dup	2/15/2019	Organic	Anthracene	n/a	=	9.49	µg/L	EPA 8270C	0.1	0.1			
2018/19-4	Lab	LCS dup, rec	2/15/2019	Organic	Anthracene	n/a	=	95	%	EPA 8270C	-88	-88	22	127	
2018/19-4	Lab	LCS, RPD	2/15/2019	Organic	Anthracene	n/a	=	5	%	EPA 8270C	-88	-88	0	30	
2018/19-4	Lab	method blank	2/26/2019	Organic	Anthracene	n/a	<	0.34	µg/L	EPA 625	0.34	1			
2018/19-4	Lab	LCS	2/26/2019	Organic	Anthracene	n/a	=	25.4	µg/L	EPA 625	0.34	1			
2018/19-4	Lab	LCS, rec	2/26/2019	Organic	Anthracene	n/a	=	101	%	EPA 625	-88	-88	27	133	
2018/19-4	Lab	LCS dup	2/26/2019	Organic	Anthracene	n/a	=	23.9	µg/L	EPA 625	0.34	1			
2018/19-4	Lab	LCS dup, rec	2/26/2019	Organic	Anthracene	n/a	=	96	%	EPA 625	-88	-88	27	133	
2018/19-4	Lab	LCS, RPD	2/26/2019	Organic	Anthracene	n/a	=	6	%	EPA 625	-88	-88	0	30	
2018/19-4	Lab	method blank	2/15/2019	Organic	Benz(a)anthracene	n/a	<	0.1	µg/L	EPA 8270C	0.1	0.1			
2018/19-4	Lab	LCS	2/15/2019	Organic	Benz(a)anthracene	n/a	=	8.96	µg/L	EPA 8270C	0.1	0.1			
2018/19-4	Lab	LCS, rec	2/15/2019	Organic	Benz(a)anthracene	n/a	=	90	%	EPA 8270C	-88	-88	17	131	
2018/19-4	Lab	LCS dup	2/15/2019	Organic	Benz(a)anthracene	n/a	=	9.23	µg/L	EPA 8270C	0.1	0.1			
2018/19-4	Lab	LCS dup, rec	2/15/2019	Organic	Benz(a)anthracene	n/a	=	92	%	EPA 8270C	-88	-88	17	131	
2018/19-4	Lab	LCS, RPD	2/15/2019	Organic	Benz(a)anthracene	n/a	=	3	%	EPA 8270C	-88	-88	0	30	
2018/19-4	Lab	method blank	2/26/2019	Organic	Benz(a)anthracene	n/a	<	0.19	µg/L	EPA 625	0.19	1			
2018/19-4	Lab	LCS	2/26/2019	Organic	Benz(a)anthracene	n/a	=	24.6	µg/L	EPA 625	0.19	1			
2018/19-4	Lab	LCS, rec	2/26/2019	Organic	Benz(a)anthracene	n/a	=	98	%	EPA 625	-88	-88	33	143	
2018/19-4	Lab	LCS dup	2/26/2019	Organic	Benz(a)anthracene	n/a	=	23.4	µg/L	EPA 625	0.19	1			
2018/19-4	Lab	LCS dup, rec	2/26/2019	Organic	Benz(a)anthracene	n/a	=	94	%	EPA 625	-88	-88	33	143	
2018/19-4	Lab	LCS, RPD	2/26/2019	Organic	Benz(a)anthracene	n/a	=	5	%	EPA 625	-88	-88	0	30	
2018/19-4	Lab	method blank	2/26/2019	Organic	Benzidine	n/a	<	3.7	µg/L	EPA 625	3.7	10			
2018/19-4	Lab	method blank	2/15/2019	Organic	Benzo(a)pyrene	n/a	<	0.1	µg/L	EPA 8270C	0.1	0.1			
2018/19-4	Lab	LCS	2/15/2019	Organic	Benzo(a)pyrene	n/a	=	9.64	µg/L	EPA 8270C	0.1	0.1			
2018/19-4	Lab	LCS, rec	2/15/2019	Organic	Benzo(a)pyrene	n/a	=	96	%	EPA 8270C	-88	-88	12	131	
2018/19-4	Lab	LCS dup	2/15/2019	Organic	Benzo(a)pyrene	n/a	=	9.79	µg/L	EPA 8270C	0.1	0.1			
2018/19-4	Lab	LCS dup, rec	2/15/2019	Organic	Benzo(a)pyrene	n/a	=	98	%	EPA 8270C	-88	-88	12	131	
2018/19-4	Lab	LCS, RPD	2/15/2019	Organic	Benzo(a)pyrene	n/a	=	2	%	EPA 8270C	-88	-88	0	30	
2018/19-4	Lab	method blank	2/20/2019	Organic	Benzo(a)pyrene	n/a	<	0.07	µg/L	EPA 525.2	0.07	0.1			
2018/19-4	Lab	LCS	2/20/2019	Organic	Benzo(a)pyrene	n/a	=	4.39	µg/L	EPA 525.2	0.07	0.1			
2018/19-4	Lab	LCS, rec	2/20/2019	Organic	Benzo(a)pyrene	n/a	=	88	%	EPA 525.2	-88	-88	60	130	
2018/19-4	Lab	LCS dup	2/20/2019	Organic	Benzo(a)pyrene	n/a	=	4.21	µg/L	EPA 525.2	0.07	0.1			
2018/19-4	Lab	LCS dup, rec	2/20/2019	Organic	Benzo(a)pyrene	n/a	=	84	%	EPA 525.2	-88	-88	60	130	
2018/19-4	Lab	LCS, RPD	2/20/2019	Organic	Benzo(a)pyrene	n/a	=	4	%	EPA 525.2	-88	-88	0	30	
2018/19-4	Lab	method blank	2/26/2019	Organic	Benzo(a)pyrene	n/a	<	0.13	µg/L	EPA 625	0.13	1			
2018/19-4	Lab	LCS	2/26/2019	Organic	Benzo(a)pyrene	n/a	=	24.3	µg/L	EPA 625	0.13	1			
2018/19-4	Lab	LCS, rec	2/26/2019	Organic	Benzo(a)pyrene	n/a	=	97	%	EPA 625	-88	-88	17	163	
2018/19-4	Lab	LCS dup	2/26/2019	Organic	Benzo(a)pyrene	n/a	=	23.4	µg/L	EPA 625	0.13	1			
2018/19-4	Lab	LCS dup, rec	2/26/2019	Organic	Benzo(a)pyrene	n/a	=	94	%	EPA 625	-88	-88	17	163	
2018/19-4	Lab	LCS, RPD	2/26/2019	Organic	Benzo(a)pyrene	n/a	=	4	%	EPA 625	-88	-88	0	30	

Appendix F
Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2018/19-4	Lab	method blank	2/15/2019	Organic	Benzo(b)fluoranthene	n/a	<	0.1	µg/L	EPA 8270C	0.1	0.1			
2018/19-4	Lab	LCS	2/15/2019	Organic	Benzo(b)fluoranthene	n/a	=	10	µg/L	EPA 8270C	0.1	0.1			
2018/19-4	Lab	LCS, rec	2/15/2019	Organic	Benzo(b)fluoranthene	n/a	=	100	%	EPA 8270C	-88	-88	19	129	
2018/19-4	Lab	LCS dup	2/15/2019	Organic	Benzo(b)fluoranthene	n/a	=	9.94	µg/L	EPA 8270C	0.1	0.1			
2018/19-4	Lab	LCS dup, rec	2/15/2019	Organic	Benzo(b)fluoranthene	n/a	=	99	%	EPA 8270C	-88	-88	19	129	
2018/19-4	Lab	LCS, RPD	2/15/2019	Organic	Benzo(b)fluoranthene	n/a	=	0.7	%	EPA 8270C	-88	-88	0	30	
2018/19-4	Lab	method blank	2/26/2019	Organic	Benzo(b)fluoranthene	n/a	<	0.14	µg/L	EPA 625	0.14	1			
2018/19-4	Lab	LCS	2/26/2019	Organic	Benzo(b)fluoranthene	n/a	=	24.9	µg/L	EPA 625	0.14	1			
2018/19-4	Lab	LCS, rec	2/26/2019	Organic	Benzo(b)fluoranthene	n/a	=	100	%	EPA 625	-88	-88	24	159	
2018/19-4	Lab	LCS dup	2/26/2019	Organic	Benzo(b)fluoranthene	n/a	=	23.9	µg/L	EPA 625	0.14	1			
2018/19-4	Lab	LCS dup, rec	2/26/2019	Organic	Benzo(b)fluoranthene	n/a	=	96	%	EPA 625	-88	-88	24	159	
2018/19-4	Lab	LCS, RPD	2/26/2019	Organic	Benzo(b)fluoranthene	n/a	=	4	%	EPA 625	-88	-88	0	30	
2018/19-4	Lab	method blank	2/15/2019	Organic	Benzo(g,h,i)perylene	n/a	<	0.1	µg/L	EPA 8270C	0.1	0.1			
2018/19-4	Lab	LCS	2/15/2019	Organic	Benzo(g,h,i)perylene	n/a	=	8.77	µg/L	EPA 8270C	0.1	0.1			
2018/19-4	Lab	LCS, rec	2/15/2019	Organic	Benzo(g,h,i)perylene	n/a	=	88	%	EPA 8270C	-88	-88	14	139	
2018/19-4	Lab	LCS dup	2/15/2019	Organic	Benzo(g,h,i)perylene	n/a	=	9.22	µg/L	EPA 8270C	0.1	0.1			
2018/19-4	Lab	LCS dup, rec	2/15/2019	Organic	Benzo(g,h,i)perylene	n/a	=	92	%	EPA 8270C	-88	-88	14	139	
2018/19-4	Lab	LCS, RPD	2/15/2019	Organic	Benzo(g,h,i)perylene	n/a	=	5	%	EPA 8270C	-88	-88	0	30	
2018/19-4	Lab	method blank	2/26/2019	Organic	Benzo(g,h,i)perylene	n/a	<	0.1	µg/L	EPA 625	0.1	2			
2018/19-4	Lab	LCS	2/26/2019	Organic	Benzo(g,h,i)perylene	n/a	=	27.8	µg/L	EPA 625	0.1	2			
2018/19-4	Lab	LCS, rec	2/26/2019	Organic	Benzo(g,h,i)perylene	n/a	=	111	%	EPA 625	-88	-88	0.1	219	
2018/19-4	Lab	LCS dup	2/26/2019	Organic	Benzo(g,h,i)perylene	n/a	=	26.2	µg/L	EPA 625	0.1	2			
2018/19-4	Lab	LCS dup, rec	2/26/2019	Organic	Benzo(g,h,i)perylene	n/a	=	105	%	EPA 625	-88	-88	0.1	219	
2018/19-4	Lab	LCS, RPD	2/26/2019	Organic	Benzo(g,h,i)perylene	n/a	=	6	%	EPA 625	-88	-88	0	30	
2018/19-4	Lab	method blank	2/15/2019	Organic	Benzo(k)fluoranthene	n/a	<	0.1	µg/L	EPA 8270C	0.1	0.1			
2018/19-4	Lab	LCS	2/15/2019	Organic	Benzo(k)fluoranthene	n/a	=	10.3	µg/L	EPA 8270C	0.1	0.1			
2018/19-4	Lab	LCS, rec	2/15/2019	Organic	Benzo(k)fluoranthene	n/a	=	103	%	EPA 8270C	-88	-88	22	127	
2018/19-4	Lab	LCS dup	2/15/2019	Organic	Benzo(k)fluoranthene	n/a	=	10.5	µg/L	EPA 8270C	0.1	0.1			
2018/19-4	Lab	LCS dup, rec	2/15/2019	Organic	Benzo(k)fluoranthene	n/a	=	105	%	EPA 8270C	-88	-88	22	127	
2018/19-4	Lab	LCS, RPD	2/15/2019	Organic	Benzo(k)fluoranthene	n/a	=	2	%	EPA 8270C	-88	-88	0	30	
2018/19-4	Lab	method blank	2/26/2019	Organic	Benzo(k)fluoranthene	n/a	<	0.22	µg/L	EPA 625	0.22	1			
2018/19-4	Lab	LCS	2/26/2019	Organic	Benzo(k)fluoranthene	n/a	=	25.8	µg/L	EPA 625	0.22	1			
2018/19-4	Lab	LCS, rec	2/26/2019	Organic	Benzo(k)fluoranthene	n/a	=	103	%	EPA 625	-88	-88	11	162	
2018/19-4	Lab	LCS dup	2/26/2019	Organic	Benzo(k)fluoranthene	n/a	=	24.9	µg/L	EPA 625	0.22	1			
2018/19-4	Lab	LCS dup, rec	2/26/2019	Organic	Benzo(k)fluoranthene	n/a	=	99	%	EPA 625	-88	-88	11	162	
2018/19-4	Lab	LCS, RPD	2/26/2019	Organic	Benzo(k)fluoranthene	n/a	=	4	%	EPA 625	-88	-88	0	30	
2018/19-4	Lab	method blank	2/26/2019	Organic	Bis(2-chloroethoxy)methane	n/a	<	0.25	µg/L	EPA 625	0.25	1			
2018/19-4	Lab	LCS	2/26/2019	Organic	Bis(2-chloroethoxy)methane	n/a	=	20.9	µg/L	EPA 625	0.25	1			
2018/19-4	Lab	LCS, rec	2/26/2019	Organic	Bis(2-chloroethoxy)methane	n/a	=	84	%	EPA 625	-88	-88	33	184	
2018/19-4	Lab	LCS dup	2/26/2019	Organic	Bis(2-chloroethoxy)methane	n/a	=	20	µg/L	EPA 625	0.25	1			
2018/19-4	Lab	LCS dup, rec	2/26/2019	Organic	Bis(2-chloroethoxy)methane	n/a	=	80	%	EPA 625	-88	-88	33	184	
2018/19-4	Lab	LCS, RPD	2/26/2019	Organic	Bis(2-chloroethoxy)methane	n/a	=	4	%	EPA 625	-88	-88	0	30	
2018/19-4	Lab	method blank	2/26/2019	Organic	Bis(2-chloroethyl)ether	n/a	<	0.27	µg/L	EPA 625	0.27	1			
2018/19-4	Lab	LCS	2/26/2019	Organic	Bis(2-chloroethyl)ether	n/a	=	21.4	µg/L	EPA 625	0.27	1			
2018/19-4	Lab	LCS, rec	2/26/2019	Organic	Bis(2-chloroethyl)ether	n/a	=	86	%	EPA 625	-88	-88	12	158	
2018/19-4	Lab	LCS dup	2/26/2019	Organic	Bis(2-chloroethyl)ether	n/a	=	21.2	µg/L	EPA 625	0.27	1			
2018/19-4	Lab	LCS dup, rec	2/26/2019	Organic	Bis(2-chloroethyl)ether	n/a	=	85	%	EPA 625	-88	-88	12	158	

Appendix F
Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2018/19-4	Lab	LCS, RPD	2/26/2019	Organic	Bis(2-chloroethyl)ether	n/a	=	1	%	EPA 625	-88	-88	0	30	
2018/19-4	Lab	method blank	2/26/2019	Organic	Bis(2-chloroisopropyl)ether	n/a	<	0.38	µg/L	EPA 625	0.38	1			
2018/19-4	Lab	LCS	2/26/2019	Organic	Bis(2-chloroisopropyl)ether	n/a	=	18.7	µg/L	EPA 625	0.38	1			
2018/19-4	Lab	LCS, rec	2/26/2019	Organic	Bis(2-chloroisopropyl)ether	n/a	=	75	%	EPA 625	-88	-88	36	166	
2018/19-4	Lab	LCS dup	2/26/2019	Organic	Bis(2-chloroisopropyl)ether	n/a	=	18.6	µg/L	EPA 625	0.38	1			
2018/19-4	Lab	LCS dup, rec	2/26/2019	Organic	Bis(2-chloroisopropyl)ether	n/a	=	74	%	EPA 625	-88	-88	36	166	
2018/19-4	Lab	LCS, RPD	2/26/2019	Organic	Bis(2-chloroisopropyl)ether	n/a	=	0.7	%	EPA 625	-88	-88	0	30	
2018/19-4	Lab	method blank	2/20/2019	Organic	Bis(2-ethylhexyl)adipate	n/a	<	0.1	µg/L	EPA 525.2	0.1	5			
2018/19-4	Lab	LCS	2/20/2019	Organic	Bis(2-ethylhexyl)adipate	n/a	DNQ	4.7	µg/L	EPA 525.2	0.1	5			
2018/19-4	Lab	LCS, rec	2/20/2019	Organic	Bis(2-ethylhexyl)adipate	n/a	=	94	%	EPA 525.2	-88	-88	70	130	
2018/19-4	Lab	LCS dup	2/20/2019	Organic	Bis(2-ethylhexyl)adipate	n/a	DNQ	4.63	µg/L	EPA 525.2	0.1	5			
2018/19-4	Lab	LCS dup, rec	2/20/2019	Organic	Bis(2-ethylhexyl)adipate	n/a	=	93	%	EPA 525.2	-88	-88	70	130	
2018/19-4	Lab	LCS, RPD	2/20/2019	Organic	Bis(2-ethylhexyl)adipate	n/a	=	2	%	EPA 525.2	-88	-88	0	30	
2018/19-4	Lab	method blank	2/20/2019	Organic	Bis(2-ethylhexyl)phthalate	n/a	<	1.1	µg/L	EPA 525.2	1.1	3			
2018/19-4	Lab	LCS	2/20/2019	Organic	Bis(2-ethylhexyl)phthalate	n/a	=	5.36	µg/L	EPA 525.2	1.1	3			
2018/19-4	Lab	LCS, rec	2/20/2019	Organic	Bis(2-ethylhexyl)phthalate	n/a	=	107	%	EPA 525.2	-88	-88	70	130	
2018/19-4	Lab	LCS dup	2/20/2019	Organic	Bis(2-ethylhexyl)phthalate	n/a	=	5.27	µg/L	EPA 525.2	1.1	3			
2018/19-4	Lab	LCS dup, rec	2/20/2019	Organic	Bis(2-ethylhexyl)phthalate	n/a	=	105	%	EPA 525.2	-88	-88	70	130	
2018/19-4	Lab	LCS, RPD	2/20/2019	Organic	Bis(2-ethylhexyl)phthalate	n/a	=	2	%	EPA 525.2	-88	-88	0	30	
2018/19-4	Lab	method blank	2/26/2019	Organic	Bis(2-ethylhexyl)phthalate	n/a	<	2.3	µg/L	EPA 625	2.3	5			
2018/19-4	Lab	LCS	2/26/2019	Organic	Bis(2-ethylhexyl)phthalate	n/a	=	27.1	µg/L	EPA 625	2.3	5			
2018/19-4	Lab	LCS, rec	2/26/2019	Organic	Bis(2-ethylhexyl)phthalate	n/a	=	108	%	EPA 625	-88	-88	8	158	
2018/19-4	Lab	LCS dup	2/26/2019	Organic	Bis(2-ethylhexyl)phthalate	n/a	=	25.8	µg/L	EPA 625	2.3	5			
2018/19-4	Lab	LCS dup, rec	2/26/2019	Organic	Bis(2-ethylhexyl)phthalate	n/a	=	103	%	EPA 625	-88	-88	8	158	
2018/19-4	Lab	LCS, RPD	2/26/2019	Organic	Bis(2-ethylhexyl)phthalate	n/a	=	5	%	EPA 625	-88	-88	0	30	
2018/19-4	Lab	method blank	2/26/2019	Organic	Butyl benzyl phthalate	n/a	<	0.18	µg/L	EPA 625	0.18	1			
2018/19-4	Lab	LCS	2/26/2019	Organic	Butyl benzyl phthalate	n/a	=	25.1	µg/L	EPA 625	0.18	1			
2018/19-4	Lab	LCS, rec	2/26/2019	Organic	Butyl benzyl phthalate	n/a	=	101	%	EPA 625	-88	-88	0.1	152	
2018/19-4	Lab	LCS dup	2/26/2019	Organic	Butyl benzyl phthalate	n/a	=	23.7	µg/L	EPA 625	0.18	1			
2018/19-4	Lab	LCS dup, rec	2/26/2019	Organic	Butyl benzyl phthalate	n/a	=	95	%	EPA 625	-88	-88	0.1	152	
2018/19-4	Lab	LCS, RPD	2/26/2019	Organic	Butyl benzyl phthalate	n/a	=	6	%	EPA 625	-88	-88	0	30	
2018/19-4	Lab	method blank	2/15/2019	Organic	Chrysene	n/a	<	0.1	µg/L	EPA 8270C	0.1	0.1			
2018/19-4	Lab	LCS	2/15/2019	Organic	Chrysene	n/a	=	10.9	µg/L	EPA 8270C	0.1	0.1			
2018/19-4	Lab	LCS, rec	2/15/2019	Organic	Chrysene	n/a	=	109	%	EPA 8270C	-88	-88	32	126	
2018/19-4	Lab	LCS dup	2/15/2019	Organic	Chrysene	n/a	=	11.3	µg/L	EPA 8270C	0.1	0.1			
2018/19-4	Lab	LCS dup, rec	2/15/2019	Organic	Chrysene	n/a	=	113	%	EPA 8270C	-88	-88	32	126	
2018/19-4	Lab	LCS, RPD	2/15/2019	Organic	Chrysene	n/a	=	4	%	EPA 8270C	-88	-88	0	30	
2018/19-4	Lab	method blank	2/26/2019	Organic	Chrysene	n/a	<	0.19	µg/L	EPA 625	0.19	1			
2018/19-4	Lab	LCS	2/26/2019	Organic	Chrysene	n/a	=	25.6	µg/L	EPA 625	0.19	1			
2018/19-4	Lab	LCS, rec	2/26/2019	Organic	Chrysene	n/a	=	102	%	EPA 625	-88	-88	17	168	
2018/19-4	Lab	LCS dup	2/26/2019	Organic	Chrysene	n/a	=	25.1	µg/L	EPA 625	0.19	1			
2018/19-4	Lab	LCS dup, rec	2/26/2019	Organic	Chrysene	n/a	=	100	%	EPA 625	-88	-88	17	168	
2018/19-4	Lab	LCS, RPD	2/26/2019	Organic	Chrysene	n/a	=	2	%	EPA 625	-88	-88	0	30	
2018/19-4	Lab	method blank	2/15/2019	Organic	Dibenz(a,h)anthracene	n/a	<	0.1	µg/L	EPA 8270C	0.1	0.1			
2018/19-4	Lab	LCS	2/15/2019	Organic	Dibenz(a,h)anthracene	n/a	=	9.41	µg/L	EPA 8270C	0.1	0.1			
2018/19-4	Lab	LCS, rec	2/15/2019	Organic	Dibenz(a,h)anthracene	n/a	=	94	%	EPA 8270C	-88	-88	9	147	
2018/19-4	Lab	LCS dup	2/15/2019	Organic	Dibenz(a,h)anthracene	n/a	=	9.84	µg/L	EPA 8270C	0.1	0.1			

Appendix F
Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2018/19-4	Lab	LCS dup, rec	2/15/2019	Organic	Dibenz(a,h)anthracene	n/a	=	98	%	EPA 8270C	-88	-88	9	147	
2018/19-4	Lab	LCS, RPD	2/15/2019	Organic	Dibenz(a,h)anthracene	n/a	=	5	%	EPA 8270C	-88	-88	0	30	
2018/19-4	Lab	method blank	2/26/2019	Organic	Dibenz(a,h)anthracene	n/a	<	0.08	µg/L	EPA 625	0.08	2			
2018/19-4	Lab	LCS	2/26/2019	Organic	Dibenz(a,h)anthracene	n/a	=	26.6	µg/L	EPA 625	0.08	2			
2018/19-4	Lab	LCS, rec	2/26/2019	Organic	Dibenz(a,h)anthracene	n/a	=	106	%	EPA 625	-88	-88	0.1	227	
2018/19-4	Lab	LCS dup	2/26/2019	Organic	Dibenz(a,h)anthracene	n/a	=	25.1	µg/L	EPA 625	0.08	2			
2018/19-4	Lab	LCS dup, rec	2/26/2019	Organic	Dibenz(a,h)anthracene	n/a	=	101	%	EPA 625	-88	-88	0.1	227	
2018/19-4	Lab	LCS, RPD	2/26/2019	Organic	Dibenz(a,h)anthracene	n/a	=	6	%	EPA 625	-88	-88	0	30	
2018/19-4	Lab	method blank	2/26/2019	Organic	Diethyl phthalate	n/a	<	0.15	µg/L	EPA 625	0.15	1			
2018/19-4	Lab	LCS	2/26/2019	Organic	Diethyl phthalate	n/a	=	25	µg/L	EPA 625	0.15	1			
2018/19-4	Lab	LCS, rec	2/26/2019	Organic	Diethyl phthalate	n/a	=	100	%	EPA 625	-88	-88	0.1	114	
2018/19-4	Lab	LCS dup	2/26/2019	Organic	Diethyl phthalate	n/a	=	23.2	µg/L	EPA 625	0.15	1			
2018/19-4	Lab	LCS dup, rec	2/26/2019	Organic	Diethyl phthalate	n/a	=	93	%	EPA 625	-88	-88	0.1	114	
2018/19-4	Lab	LCS, RPD	2/26/2019	Organic	Diethyl phthalate	n/a	=	8	%	EPA 625	-88	-88	0	30	
2018/19-4	Lab	method blank	2/26/2019	Organic	Dimethyl phthalate	n/a	<	0.18	µg/L	EPA 625	0.18	1			
2018/19-4	Lab	LCS	2/26/2019	Organic	Dimethyl phthalate	n/a	=	22.1	µg/L	EPA 625	0.18	1			
2018/19-4	Lab	LCS, rec	2/26/2019	Organic	Dimethyl phthalate	n/a	=	88	%	EPA 625	-88	-88	0.1	112	
2018/19-4	Lab	LCS dup	2/26/2019	Organic	Dimethyl phthalate	n/a	=	20.5	µg/L	EPA 625	0.18	1			
2018/19-4	Lab	LCS dup, rec	2/26/2019	Organic	Dimethyl phthalate	n/a	=	82	%	EPA 625	-88	-88	0.1	112	
2018/19-4	Lab	LCS, RPD	2/26/2019	Organic	Dimethyl phthalate	n/a	=	7	%	EPA 625	-88	-88	0	30	
2018/19-4	Lab	method blank	2/26/2019	Organic	Di-n-butylphthalate	n/a	<	0.24	µg/L	EPA 625	0.24	1			
2018/19-4	Lab	LCS	2/26/2019	Organic	Di-n-butylphthalate	n/a	=	27.7	µg/L	EPA 625	0.24	1			
2018/19-4	Lab	LCS, rec	2/26/2019	Organic	Di-n-butylphthalate	n/a	=	111	%	EPA 625	-88	-88	1	118	
2018/19-4	Lab	LCS dup	2/26/2019	Organic	Di-n-butylphthalate	n/a	=	27	µg/L	EPA 625	0.24	1			
2018/19-4	Lab	LCS dup, rec	2/26/2019	Organic	Di-n-butylphthalate	n/a	=	108	%	EPA 625	-88	-88	1	118	
2018/19-4	Lab	LCS, RPD	2/26/2019	Organic	Di-n-butylphthalate	n/a	=	3	%	EPA 625	-88	-88	0	30	
2018/19-4	Lab	method blank	2/26/2019	Organic	Di-n-octylphthalate	n/a	<	0.19	µg/L	EPA 625	0.19	1			
2018/19-4	Lab	LCS	2/26/2019	Organic	Di-n-octylphthalate	n/a	=	24	µg/L	EPA 625	0.19	1			
2018/19-4	Lab	LCS, rec	2/26/2019	Organic	Di-n-octylphthalate	n/a	=	96	%	EPA 625	-88	-88	4	146	
2018/19-4	Lab	LCS dup	2/26/2019	Organic	Di-n-octylphthalate	n/a	=	22.8	µg/L	EPA 625	0.19	1			
2018/19-4	Lab	LCS dup, rec	2/26/2019	Organic	Di-n-octylphthalate	n/a	=	91	%	EPA 625	-88	-88	4	146	
2018/19-4	Lab	LCS, RPD	2/26/2019	Organic	Di-n-octylphthalate	n/a	=	5	%	EPA 625	-88	-88	0	30	
2018/19-4	Lab	method blank	2/15/2019	Organic	Fluoranthene	n/a	<	0.1	µg/L	EPA 8270C	0.1	0.1			
2018/19-4	Lab	LCS	2/15/2019	Organic	Fluoranthene	n/a	=	9.1	µg/L	EPA 8270C	0.1	0.1			
2018/19-4	Lab	LCS, rec	2/15/2019	Organic	Fluoranthene	n/a	=	91	%	EPA 8270C	-88	-88	22	131	
2018/19-4	Lab	LCS dup	2/15/2019	Organic	Fluoranthene	n/a	=	9.66	µg/L	EPA 8270C	0.1	0.1			
2018/19-4	Lab	LCS dup, rec	2/15/2019	Organic	Fluoranthene	n/a	=	97	%	EPA 8270C	-88	-88	22	131	
2018/19-4	Lab	LCS, RPD	2/15/2019	Organic	Fluoranthene	n/a	=	6	%	EPA 8270C	-88	-88	0	30	
2018/19-4	Lab	method blank	2/26/2019	Organic	Fluoranthene	n/a	<	0.22	µg/L	EPA 625	0.22	1			
2018/19-4	Lab	LCS	2/26/2019	Organic	Fluoranthene	n/a	=	27.7	µg/L	EPA 625	0.22	1			
2018/19-4	Lab	LCS, rec	2/26/2019	Organic	Fluoranthene	n/a	=	111	%	EPA 625	-88	-88	26	137	
2018/19-4	Lab	LCS dup	2/26/2019	Organic	Fluoranthene	n/a	=	26.3	µg/L	EPA 625	0.22	1			
2018/19-4	Lab	LCS dup, rec	2/26/2019	Organic	Fluoranthene	n/a	=	105	%	EPA 625	-88	-88	26	137	
2018/19-4	Lab	LCS, RPD	2/26/2019	Organic	Fluoranthene	n/a	=	5	%	EPA 625	-88	-88	0	30	
2018/19-4	Lab	method blank	2/15/2019	Organic	Fluorene	n/a	<	0.1	µg/L	EPA 8270C	0.1	0.1			
2018/19-4	Lab	LCS	2/15/2019	Organic	Fluorene	n/a	=	8.18	µg/L	EPA 8270C	0.1	0.1			
2018/19-4	Lab	LCS, rec	2/15/2019	Organic	Fluorene	n/a	=	82	%	EPA 8270C	-88	-88	19	122	

Appendix F
Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2018/19-4	Lab	LCS dup	2/15/2019	Organic	Fluorene	n/a	=	8.5	µg/L	EPA 8270C	0.1	0.1			
2018/19-4	Lab	LCS dup, rec	2/15/2019	Organic	Fluorene	n/a	=	85	%	EPA 8270C	-88	-88	19	122	
2018/19-4	Lab	LCS, RPD	2/15/2019	Organic	Fluorene	n/a	=	4	%	EPA 8270C	-88	-88	0	30	
2018/19-4	Lab	method blank	2/26/2019	Organic	Fluorene	n/a	<	0.35	µg/L	EPA 625	0.35	1			
2018/19-4	Lab	LCS	2/26/2019	Organic	Fluorene	n/a	=	25.3	µg/L	EPA 625	0.35	1			
2018/19-4	Lab	LCS, rec	2/26/2019	Organic	Fluorene	n/a	=	101	%	EPA 625	-88	-88	59	121	
2018/19-4	Lab	LCS dup	2/26/2019	Organic	Fluorene	n/a	=	22.6	µg/L	EPA 625	0.35	1			
2018/19-4	Lab	LCS dup, rec	2/26/2019	Organic	Fluorene	n/a	=	90	%	EPA 625	-88	-88	59	121	
2018/19-4	Lab	LCS, RPD	2/26/2019	Organic	Fluorene	n/a	=	11	%	EPA 625	-88	-88	0	30	
2018/19-4	Lab	method blank	2/26/2019	Organic	Hexachlorobenzene	n/a	<	0.49	µg/L	EPA 625	0.49	1			
2018/19-4	Lab	LCS	2/26/2019	Organic	Hexachlorobenzene	n/a	=	24.9	µg/L	EPA 625	0.49	1			
2018/19-4	Lab	LCS, rec	2/26/2019	Organic	Hexachlorobenzene	n/a	=	99	%	EPA 625	-88	-88	0.1	152	
2018/19-4	Lab	LCS dup	2/26/2019	Organic	Hexachlorobenzene	n/a	=	23	µg/L	EPA 625	0.49	1			
2018/19-4	Lab	LCS dup, rec	2/26/2019	Organic	Hexachlorobenzene	n/a	=	92	%	EPA 625	-88	-88	0.1	152	
2018/19-4	Lab	LCS, RPD	2/26/2019	Organic	Hexachlorobenzene	n/a	=	8	%	EPA 625	-88	-88	0	30	
2018/19-4	Lab	method blank	2/26/2019	Organic	Hexachlorobutadiene	n/a	<	0.47	µg/L	EPA 625	0.47	1			
2018/19-4	Lab	LCS	2/26/2019	Organic	Hexachlorobutadiene	n/a	=	22.9	µg/L	EPA 625	0.47	1			
2018/19-4	Lab	LCS, rec	2/26/2019	Organic	Hexachlorobutadiene	n/a	=	92	%	EPA 625	-88	-88	24	116	
2018/19-4	Lab	LCS dup	2/26/2019	Organic	Hexachlorobutadiene	n/a	=	18.9	µg/L	EPA 625	0.47	1			
2018/19-4	Lab	LCS dup, rec	2/26/2019	Organic	Hexachlorobutadiene	n/a	=	75	%	EPA 625	-88	-88	24	116	
2018/19-4	Lab	LCS, RPD	2/26/2019	Organic	Hexachlorobutadiene	n/a	=	20	%	EPA 625	-88	-88	0	30	
2018/19-4	Lab	method blank	2/26/2019	Organic	Hexachlorocyclopentadiene	n/a	<	1.5	µg/L	EPA 625	1.5	5			
2018/19-4	Lab	LCS	2/26/2019	Organic	Hexachlorocyclopentadiene	n/a	=	14.2	µg/L	EPA 625	1.5	5			
2018/19-4	Lab	LCS, rec	2/26/2019	Organic	Hexachlorocyclopentadiene	n/a	=	57	%	EPA 625	-88	-88	0.1	81	
2018/19-4	Lab	LCS dup	2/26/2019	Organic	Hexachlorocyclopentadiene	n/a	=	13.3	µg/L	EPA 625	1.5	5			
2018/19-4	Lab	LCS dup, rec	2/26/2019	Organic	Hexachlorocyclopentadiene	n/a	=	53	%	EPA 625	-88	-88	0.1	81	
2018/19-4	Lab	LCS, RPD	2/26/2019	Organic	Hexachlorocyclopentadiene	n/a	=	7	%	EPA 625	-88	-88	0	30	
2018/19-4	Lab	method blank	2/26/2019	Organic	Hexachloroethane	n/a	<	0.52	µg/L	EPA 625	0.52	1			
2018/19-4	Lab	LCS	2/26/2019	Organic	Hexachloroethane	n/a	=	20.9	µg/L	EPA 625	0.52	1			
2018/19-4	Lab	LCS, rec	2/26/2019	Organic	Hexachloroethane	n/a	=	84	%	EPA 625	-88	-88	40	113	
2018/19-4	Lab	LCS dup	2/26/2019	Organic	Hexachloroethane	n/a	=	17.8	µg/L	EPA 625	0.52	1			
2018/19-4	Lab	LCS dup, rec	2/26/2019	Organic	Hexachloroethane	n/a	=	71	%	EPA 625	-88	-88	40	113	
2018/19-4	Lab	LCS, RPD	2/26/2019	Organic	Hexachloroethane	n/a	=	16	%	EPA 625	-88	-88	0	30	
2018/19-4	Lab	method blank	2/15/2019	Organic	Indeno(1,2,3-cd)pyrene	n/a	<	0.1	µg/L	EPA 8270C	0.1	0.1			
2018/19-4	Lab	LCS	2/15/2019	Organic	Indeno(1,2,3-cd)pyrene	n/a	=	8.98	µg/L	EPA 8270C	0.1	0.1			
2018/19-4	Lab	LCS, rec	2/15/2019	Organic	Indeno(1,2,3-cd)pyrene	n/a	=	90	%	EPA 8270C	-88	-88	12	136	
2018/19-4	Lab	LCS dup	2/15/2019	Organic	Indeno(1,2,3-cd)pyrene	n/a	=	9.34	µg/L	EPA 8270C	0.1	0.1			
2018/19-4	Lab	LCS dup, rec	2/15/2019	Organic	Indeno(1,2,3-cd)pyrene	n/a	=	93	%	EPA 8270C	-88	-88	12	136	
2018/19-4	Lab	LCS, RPD	2/15/2019	Organic	Indeno(1,2,3-cd)pyrene	n/a	=	4	%	EPA 8270C	-88	-88	0	30	
2018/19-4	Lab	method blank	2/26/2019	Organic	Indeno(1,2,3-cd)pyrene	n/a	<	0.12	µg/L	EPA 625	0.12	2			
2018/19-4	Lab	LCS	2/26/2019	Organic	Indeno(1,2,3-cd)pyrene	n/a	=	27.5	µg/L	EPA 625	0.12	2			
2018/19-4	Lab	LCS, rec	2/26/2019	Organic	Indeno(1,2,3-cd)pyrene	n/a	=	110	%	EPA 625	-88	-88	0.1	171	
2018/19-4	Lab	LCS dup	2/26/2019	Organic	Indeno(1,2,3-cd)pyrene	n/a	=	25.9	µg/L	EPA 625	0.12	2			
2018/19-4	Lab	LCS dup, rec	2/26/2019	Organic	Indeno(1,2,3-cd)pyrene	n/a	=	104	%	EPA 625	-88	-88	0.1	171	
2018/19-4	Lab	LCS, RPD	2/26/2019	Organic	Indeno(1,2,3-cd)pyrene	n/a	=	6	%	EPA 625	-88	-88	0	30	
2018/19-4	Lab	method blank	2/26/2019	Organic	Isophorone	n/a	<	0.21	µg/L	EPA 625	0.21	1			
2018/19-4	Lab	LCS	2/26/2019	Organic	Isophorone	n/a	=	22.6	µg/L	EPA 625	0.21	1			

Appendix F
Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2018/19-4	Lab	LCS, rec	2/26/2019	Organic	Isophorone	n/a	=	90	%	EPA 625	-88	-88	21	196	
2018/19-4	Lab	LCS dup	2/26/2019	Organic	Isophorone	n/a	=	21.8	µg/L	EPA 625	0.21	1			
2018/19-4	Lab	LCS dup, rec	2/26/2019	Organic	Isophorone	n/a	=	87	%	EPA 625	-88	-88	21	196	
2018/19-4	Lab	LCS, RPD	2/26/2019	Organic	Isophorone	n/a	=	3	%	EPA 625	-88	-88	0	30	
2018/19-4	Lab	LCS	2/2/2019	Organic	Methyl tert-butyl ether (MTBE)	n/a	=	50.2	µg/L	EPA 624	0.25	1			
2018/19-4	Lab	LCS, rec	2/2/2019	Organic	Methyl tert-butyl ether (MTBE)	n/a	=	100	%	EPA 624	-88	-88	80	128	
2018/19-4	Lab	LCS dup	2/2/2019	Organic	Methyl tert-butyl ether (MTBE)	n/a	=	50	µg/L	EPA 624	0.25	1			
2018/19-4	Lab	LCS dup, rec	2/2/2019	Organic	Methyl tert-butyl ether (MTBE)	n/a	=	100	%	EPA 624	-88	-88	80	128	
2018/19-4	Lab	LCS, RPD	2/2/2019	Organic	Methyl tert-butyl ether (MTBE)	n/a	=	0.5	%	EPA 624	-88	-88	0	25	
2018/19-4	Lab	method blank	2/2/2019	Organic	Methyl tert-butyl ether (MTBE)	n/a	<	0.25	µg/L	EPA 624	0.25	1			
2018/19-4	Lab	method blank	2/15/2019	Organic	Naphthalene	n/a	<	0.1	µg/L	EPA 8270C	0.1	0.1			
2018/19-4	Lab	LCS	2/15/2019	Organic	Naphthalene	n/a	=	8.35	µg/L	EPA 8270C	0.1	0.1			
2018/19-4	Lab	LCS, rec	2/15/2019	Organic	Naphthalene	n/a	=	83	%	EPA 8270C	-88	-88	12	136	
2018/19-4	Lab	LCS dup	2/15/2019	Organic	Naphthalene	n/a	=	8.66	µg/L	EPA 8270C	0.1	0.1			
2018/19-4	Lab	LCS dup, rec	2/15/2019	Organic	Naphthalene	n/a	=	87	%	EPA 8270C	-88	-88	12	136	
2018/19-4	Lab	LCS, RPD	2/15/2019	Organic	Naphthalene	n/a	=	4	%	EPA 8270C	-88	-88	0	30	
2018/19-4	Lab	method blank	2/26/2019	Organic	Naphthalene	n/a	<	0.49	µg/L	EPA 625	0.49	1			
2018/19-4	Lab	LCS	2/26/2019	Organic	Naphthalene	n/a	=	21.8	µg/L	EPA 625	0.49	1			
2018/19-4	Lab	LCS, rec	2/26/2019	Organic	Naphthalene	n/a	=	87	%	EPA 625	-88	-88	21	133	
2018/19-4	Lab	LCS dup	2/26/2019	Organic	Naphthalene	n/a	=	19.4	µg/L	EPA 625	0.49	1			
2018/19-4	Lab	LCS dup, rec	2/26/2019	Organic	Naphthalene	n/a	=	77	%	EPA 625	-88	-88	21	133	
2018/19-4	Lab	LCS, RPD	2/26/2019	Organic	Naphthalene	n/a	=	12	%	EPA 625	-88	-88	0	30	
2018/19-4	Lab	method blank	2/26/2019	Organic	Nitrobenzene	n/a	<	0.36	µg/L	EPA 625	0.36	1			
2018/19-4	Lab	LCS	2/26/2019	Organic	Nitrobenzene	n/a	=	24.2	µg/L	EPA 625	0.36	1			
2018/19-4	Lab	LCS, rec	2/26/2019	Organic	Nitrobenzene	n/a	=	97	%	EPA 625	-88	-88	35	180	
2018/19-4	Lab	LCS dup	2/26/2019	Organic	Nitrobenzene	n/a	=	23.9	µg/L	EPA 625	0.36	1			
2018/19-4	Lab	LCS dup, rec	2/26/2019	Organic	Nitrobenzene	n/a	=	96	%	EPA 625	-88	-88	35	180	
2018/19-4	Lab	LCS, RPD	2/26/2019	Organic	Nitrobenzene	n/a	=	1	%	EPA 625	-88	-88	0	30	
2018/19-4	Lab	srgt method blank	2/15/2019	Organic	Nitrobenzene-d5	n/a	=	4.13	µg/L	EPA 8270C	-88	-88			
2018/19-4	Lab	srgt method blank, rec	2/15/2019	Organic	Nitrobenzene-d5	n/a	=	83	%	EPA 8270C	-88	-88	51	143	
2018/19-4	Lab	srgt LCS	2/15/2019	Organic	Nitrobenzene-d5	n/a	=	5.15	µg/L	EPA 8270C	-88	-88			
2018/19-4	Lab	srgt LCS, rec	2/15/2019	Organic	Nitrobenzene-d5	n/a	=	103	%	EPA 8270C	-88	-88	51	143	
2018/19-4	Lab	srgt LCS dup	2/15/2019	Organic	Nitrobenzene-d5	n/a	=	4.91	µg/L	EPA 8270C	-88	-88			
2018/19-4	Lab	srgt LCS dup, rec	2/15/2019	Organic	Nitrobenzene-d5	n/a	=	98	%	EPA 8270C	-88	-88	51	143	
2018/19-4	Lab	srgt method blank	2/26/2019	Organic	Nitrobenzene-d5	n/a	=	3.18	µg/L	EPA 625	-88	-88			
2018/19-4	Lab	srgt method blank, rec	2/26/2019	Organic	Nitrobenzene-d5	n/a	=	64	%	EPA 625	-88	-88	27	111	
2018/19-4	Lab	srgt LCS	2/26/2019	Organic	Nitrobenzene-d5	n/a	=	25.2	µg/L	EPA 625	-88	-88			
2018/19-4	Lab	srgt LCS, rec	2/26/2019	Organic	Nitrobenzene-d5	n/a	=	101	%	EPA 625	-88	-88	27	111	
2018/19-4	Lab	srgt LCS dup	2/26/2019	Organic	Nitrobenzene-d5	n/a	=	19.7	µg/L	EPA 625	-88	-88			
2018/19-4	Lab	srgt LCS dup, rec	2/26/2019	Organic	Nitrobenzene-d5	n/a	=	79	%	EPA 625	-88	-88	27	111	
2018/19-4	ME-SCR	srgt environ	2/15/2019	Organic	Nitrobenzene-d5	n/a	=	35.2	µg/L	EPA 8270C	-88	-88			
2018/19-4	ME-SCR	srgt environ, rec	2/15/2019	Organic	Nitrobenzene-d5	n/a	=	70	%	EPA 8270C	-88	-88	51	143	
2018/19-4	ME-SCR	srgt environ	2/26/2019	Organic	Nitrobenzene-d5	n/a	=	174	µg/L	EPA 625	-88	-88			
2018/19-4	ME-SCR	srgt environ, rec	2/26/2019	Organic	Nitrobenzene-d5	n/a	=	69	%	EPA 625	-88	-88	27	111	
2018/19-4	Lab	method blank	2/26/2019	Organic	N-Nitrosodimethylamine	n/a	<	0.14	µg/L	EPA 625	0.14	1			
2018/19-4	Lab	LCS	2/26/2019	Organic	N-Nitrosodimethylamine	n/a	=	13	µg/L	EPA 625	0.14	1			
2018/19-4	Lab	LCS, rec	2/26/2019	Organic	N-Nitrosodimethylamine	n/a	=	52	%	EPA 625	-88	-88	20	83	

Appendix F
Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2018/19-4	Lab	LCS dup	2/26/2019	Organic	N-Nitrosodimethylamine	n/a	=	13	µg/L	EPA 625	0.14	1			
2018/19-4	Lab	LCS dup, rec	2/26/2019	Organic	N-Nitrosodimethylamine	n/a	=	52	%	EPA 625	-88	-88	20	83	
2018/19-4	Lab	LCS, RPD	2/26/2019	Organic	N-Nitrosodimethylamine	n/a	=	0.03	%	EPA 625	-88	-88	0	30	
2018/19-4	Lab	method blank	2/26/2019	Organic	N-Nitrosodi-N-propylamine	n/a	<	0.26	µg/L	EPA 625	0.26	1			
2018/19-4	Lab	LCS	2/26/2019	Organic	N-Nitrosodi-N-propylamine	n/a	=	21.4	µg/L	EPA 625	0.26	1			
2018/19-4	Lab	LCS, rec	2/26/2019	Organic	N-Nitrosodi-N-propylamine	n/a	=	86	%	EPA 625	-88	-88	0.1	230	
2018/19-4	Lab	LCS dup	2/26/2019	Organic	N-Nitrosodi-N-propylamine	n/a	=	20.5	µg/L	EPA 625	0.26	1			
2018/19-4	Lab	LCS dup, rec	2/26/2019	Organic	N-Nitrosodi-N-propylamine	n/a	=	82	%	EPA 625	-88	-88	0.1	230	
2018/19-4	Lab	LCS, RPD	2/26/2019	Organic	N-Nitrosodi-N-propylamine	n/a	=	4	%	EPA 625	-88	-88	0	30	
2018/19-4	Lab	method blank	2/26/2019	Organic	N-Nitrosodiphenylamine	n/a	<	0.19	µg/L	EPA 625	0.19	1			
2018/19-4	Lab	LCS	2/26/2019	Organic	N-Nitrosodiphenylamine	n/a	=	18.9	µg/L	EPA 625	0.19	1			
2018/19-4	Lab	LCS, rec	2/26/2019	Organic	N-Nitrosodiphenylamine	n/a	=	75	%	EPA 625	-88	-88	42	90	
2018/19-4	Lab	LCS dup	2/26/2019	Organic	N-Nitrosodiphenylamine	n/a	=	17.8	µg/L	EPA 625	0.19	1			
2018/19-4	Lab	LCS dup, rec	2/26/2019	Organic	N-Nitrosodiphenylamine	n/a	=	71	%	EPA 625	-88	-88	42	90	
2018/19-4	Lab	LCS, RPD	2/26/2019	Organic	N-Nitrosodiphenylamine	n/a	=	5	%	EPA 625	-88	-88	0	30	
2018/19-4	Lab	srgt method blank	2/20/2019	Organic	Perylene-d12	n/a	=	4.8	µg/L	EPA 525.2	-88	-88			
2018/19-4	Lab	srgt method blank, rec	2/20/2019	Organic	Perylene-d12	n/a	=	96	%	EPA 525.2	-88	-88	50	120	
2018/19-4	Lab	srgt LCS	2/20/2019	Organic	Perylene-d12	n/a	=	4.88	µg/L	EPA 525.2	-88	-88			
2018/19-4	Lab	srgt LCS, rec	2/20/2019	Organic	Perylene-d12	n/a	=	98	%	EPA 525.2	-88	-88	50	120	
2018/19-4	Lab	srgt LCS dup	2/20/2019	Organic	Perylene-d12	n/a	=	4.93	µg/L	EPA 525.2	-88	-88			
2018/19-4	Lab	srgt LCS dup, rec	2/20/2019	Organic	Perylene-d12	n/a	=	99	%	EPA 525.2	-88	-88	50	120	
2018/19-4	ME-SCR	srgt environ	2/21/2019	Organic	Perylene-d12	n/a	=	5.15	µg/L	EPA 525.2	-88	-88			GN
2018/19-4	ME-SCR	srgt environ, rec	2/21/2019	Organic	Perylene-d12	n/a	=	10	%	EPA 525.2	-88	-88	50	120	GN
2018/19-4	Lab	method blank	2/15/2019	Organic	Phenanthrene	n/a	<	0.1	µg/L	EPA 8270C	0.1	0.1			
2018/19-4	Lab	LCS	2/15/2019	Organic	Phenanthrene	n/a	=	9.17	µg/L	EPA 8270C	0.1	0.1			
2018/19-4	Lab	LCS, rec	2/15/2019	Organic	Phenanthrene	n/a	=	92	%	EPA 8270C	-88	-88	21	131	
2018/19-4	Lab	LCS dup	2/15/2019	Organic	Phenanthrene	n/a	=	9.72	µg/L	EPA 8270C	0.1	0.1			
2018/19-4	Lab	LCS dup, rec	2/15/2019	Organic	Phenanthrene	n/a	=	97	%	EPA 8270C	-88	-88	21	131	
2018/19-4	Lab	LCS, RPD	2/15/2019	Organic	Phenanthrene	n/a	=	6	%	EPA 8270C	-88	-88	0	30	
2018/19-4	Lab	method blank	2/26/2019	Organic	Phenanthrene	n/a	<	0.32	µg/L	EPA 625	0.32	1			
2018/19-4	Lab	LCS	2/26/2019	Organic	Phenanthrene	n/a	=	26.1	µg/L	EPA 625	0.32	1			
2018/19-4	Lab	LCS, rec	2/26/2019	Organic	Phenanthrene	n/a	=	104	%	EPA 625	-88	-88	54	120	
2018/19-4	Lab	LCS dup	2/26/2019	Organic	Phenanthrene	n/a	=	24.2	µg/L	EPA 625	0.32	1			
2018/19-4	Lab	LCS dup, rec	2/26/2019	Organic	Phenanthrene	n/a	=	97	%	EPA 625	-88	-88	54	120	
2018/19-4	Lab	LCS, RPD	2/26/2019	Organic	Phenanthrene	n/a	=	8	%	EPA 625	-88	-88	0	30	
2018/19-4	Lab	method blank	2/15/2019	Organic	Phenol	n/a	<	0.35	µg/L	EPA 8270C	0.35	1			
2018/19-4	Lab	LCS	2/15/2019	Organic	Phenol	n/a	=	4.66	µg/L	EPA 8270C	0.35	1			EUM
2018/19-4	Lab	LCS, rec	2/15/2019	Organic	Phenol	n/a	=	47	%	EPA 8270C	-88	-88	6	43	EUM
2018/19-4	Lab	LCS dup	2/15/2019	Organic	Phenol	n/a	=	4.8	µg/L	EPA 8270C	0.35	1			EUM
2018/19-4	Lab	LCS dup, rec	2/15/2019	Organic	Phenol	n/a	=	48	%	EPA 8270C	-88	-88	6	43	EUM
2018/19-4	Lab	LCS, RPD	2/15/2019	Organic	Phenol	n/a	=	3	%	EPA 8270C	-88	-88	0	30	EUM
2018/19-4	Lab	method blank	2/26/2019	Organic	Phenol	n/a	<	0.16	µg/L	EPA 625	0.16	1			
2018/19-4	Lab	LCS	2/26/2019	Organic	Phenol	n/a	=	8.96	µg/L	EPA 625	0.16	1			
2018/19-4	Lab	LCS, rec	2/26/2019	Organic	Phenol	n/a	=	36	%	EPA 625	-88	-88	5	112	
2018/19-4	Lab	LCS dup	2/26/2019	Organic	Phenol	n/a	=	9.16	µg/L	EPA 625	0.16	1			
2018/19-4	Lab	LCS dup, rec	2/26/2019	Organic	Phenol	n/a	=	37	%	EPA 625	-88	-88	5	112	
2018/19-4	Lab	LCS, RPD	2/26/2019	Organic	Phenol	n/a	=	2	%	EPA 625	-88	-88	0	30	

Appendix F
Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2018/19-4	Lab	srqt method blank	2/15/2019	Organic	Phenol-d5	n/a	=	3.32	µg/L	EPA 8270C	-88	-88			
2018/19-4	Lab	srqt method blank, rec	2/15/2019	Organic	Phenol-d5	n/a	=	33	%	EPA 8270C	-88	-88	5	46	
2018/19-4	Lab	srqt LCS	2/15/2019	Organic	Phenol-d5	n/a	=	4.88	µg/L	EPA 8270C	-88	-88			GN
2018/19-4	Lab	srqt LCS, rec	2/15/2019	Organic	Phenol-d5	n/a	=	49	%	EPA 8270C	-88	-88	5	46	GN
2018/19-4	Lab	srqt LCS dup	2/15/2019	Organic	Phenol-d5	n/a	=	4.87	µg/L	EPA 8270C	-88	-88			GN
2018/19-4	Lab	srqt LCS dup, rec	2/15/2019	Organic	Phenol-d5	n/a	=	49	%	EPA 8270C	-88	-88	5	46	GN
2018/19-4	Lab	srqt method blank	2/26/2019	Organic	Phenol-d5	n/a	=	2.25	µg/L	EPA 625	-88	-88			
2018/19-4	Lab	srqt method blank, rec	2/26/2019	Organic	Phenol-d5	n/a	=	23	%	EPA 625	-88	-88	0.1	53	
2018/19-4	Lab	srqt LCS	2/26/2019	Organic	Phenol-d5	n/a	=	17.1	µg/L	EPA 625	-88	-88			
2018/19-4	Lab	srqt LCS, rec	2/26/2019	Organic	Phenol-d5	n/a	=	34	%	EPA 625	-88	-88	0.1	53	
2018/19-4	Lab	srqt LCS dup	2/26/2019	Organic	Phenol-d5	n/a	=	13.4	µg/L	EPA 625	-88	-88			
2018/19-4	Lab	srqt LCS dup, rec	2/26/2019	Organic	Phenol-d5	n/a	=	27	%	EPA 625	-88	-88	0.1	53	
2018/19-4	ME-SCR	srqt environ	2/15/2019	Organic	Phenol-d5	n/a	=	26.8	µg/L	EPA 8270C	-88	-88			
2018/19-4	ME-SCR	srqt environ, rec	2/15/2019	Organic	Phenol-d5	n/a	=	27	%	EPA 8270C	-88	-88	5	46	
2018/19-4	ME-SCR	srqt environ	2/26/2019	Organic	Phenol-d5	n/a	=	119	µg/L	EPA 625	-88	-88			
2018/19-4	ME-SCR	srqt environ, rec	2/26/2019	Organic	Phenol-d5	n/a	=	24	%	EPA 625	-88	-88	0.1	53	
2018/19-4	Lab	srqt method blank	2/15/2019	Organic	p-Terphenyl-d14	n/a	=	3.69	µg/L	EPA 8270C	-88	-88			
2018/19-4	Lab	srqt method blank, rec	2/15/2019	Organic	p-Terphenyl-d14	n/a	=	74	%	EPA 8270C	-88	-88	19	134	
2018/19-4	Lab	srqt LCS	2/15/2019	Organic	p-Terphenyl-d14	n/a	=	4.43	µg/L	EPA 8270C	-88	-88			
2018/19-4	Lab	srqt LCS, rec	2/15/2019	Organic	p-Terphenyl-d14	n/a	=	89	%	EPA 8270C	-88	-88	19	134	
2018/19-4	Lab	srqt LCS dup	2/15/2019	Organic	p-Terphenyl-d14	n/a	=	4.48	µg/L	EPA 8270C	-88	-88			
2018/19-4	Lab	srqt LCS dup, rec	2/15/2019	Organic	p-Terphenyl-d14	n/a	=	90	%	EPA 8270C	-88	-88	19	134	
2018/19-4	Lab	srqt method blank	2/26/2019	Organic	p-Terphenyl-d14	n/a	=	3.72	µg/L	EPA 625	-88	-88			
2018/19-4	Lab	srqt method blank, rec	2/26/2019	Organic	p-Terphenyl-d14	n/a	=	74	%	EPA 625	-88	-88	28	113	
2018/19-4	Lab	srqt LCS	2/26/2019	Organic	p-Terphenyl-d14	n/a	=	25.4	µg/L	EPA 625	-88	-88			
2018/19-4	Lab	srqt LCS, rec	2/26/2019	Organic	p-Terphenyl-d14	n/a	=	102	%	EPA 625	-88	-88	28	113	
2018/19-4	Lab	srqt LCS dup	2/26/2019	Organic	p-Terphenyl-d14	n/a	=	18.3	µg/L	EPA 625	-88	-88			
2018/19-4	Lab	srqt LCS dup, rec	2/26/2019	Organic	p-Terphenyl-d14	n/a	=	73	%	EPA 625	-88	-88	28	113	
2018/19-4	ME-SCR	srqt environ	2/15/2019	Organic	p-Terphenyl-d14	n/a	=	31.7	µg/L	EPA 8270C	-88	-88			
2018/19-4	ME-SCR	srqt environ, rec	2/15/2019	Organic	p-Terphenyl-d14	n/a	=	63	%	EPA 8270C	-88	-88	19	134	
2018/19-4	ME-SCR	srqt environ	2/26/2019	Organic	p-Terphenyl-d14	n/a	=	187	µg/L	EPA 625	-88	-88			
2018/19-4	ME-SCR	srqt environ, rec	2/26/2019	Organic	p-Terphenyl-d14	n/a	=	75	%	EPA 625	-88	-88	28	113	
2018/19-4	Lab	method blank	2/15/2019	Organic	Pyrene	n/a	<	0.1	µg/L	EPA 8270C	0.1	0.1			
2018/19-4	Lab	LCS	2/15/2019	Organic	Pyrene	n/a	=	9.19	µg/L	EPA 8270C	0.1	0.1			
2018/19-4	Lab	LCS, rec	2/15/2019	Organic	Pyrene	n/a	=	92	%	EPA 8270C	-88	-88	26	128	
2018/19-4	Lab	LCS dup	2/15/2019	Organic	Pyrene	n/a	=	9.78	µg/L	EPA 8270C	0.1	0.1			
2018/19-4	Lab	LCS dup, rec	2/15/2019	Organic	Pyrene	n/a	=	98	%	EPA 8270C	-88	-88	26	128	
2018/19-4	Lab	LCS, RPD	2/15/2019	Organic	Pyrene	n/a	=	6	%	EPA 8270C	-88	-88	0	30	
2018/19-4	Lab	method blank	2/26/2019	Organic	Pyrene	n/a	<	0.25	µg/L	EPA 625	0.25	1			
2018/19-4	Lab	LCS	2/26/2019	Organic	Pyrene	n/a	=	26.5	µg/L	EPA 625	0.25	1			
2018/19-4	Lab	LCS, rec	2/26/2019	Organic	Pyrene	n/a	=	106	%	EPA 625	-88	-88	52	115	
2018/19-4	Lab	LCS dup	2/26/2019	Organic	Pyrene	n/a	=	26	µg/L	EPA 625	0.25	1			
2018/19-4	Lab	LCS dup, rec	2/26/2019	Organic	Pyrene	n/a	=	104	%	EPA 625	-88	-88	52	115	
2018/19-4	Lab	LCS, RPD	2/26/2019	Organic	Pyrene	n/a	=	2	%	EPA 625	-88	-88	0	30	
2018/19-4	000NONPJ	srqt matrix spike	3/14/2019	Organic	Tetrachloro-m-xylene (TCMX)	n/a	=	0.368	µg/L	EPA 608	-88	-88			
2018/19-4	000NONPJ	srqt matrix spike, rec	3/14/2019	Organic	Tetrachloro-m-xylene (TCMX)	n/a	=	74	%	EPA 608	-88	-88	35	111	
2018/19-4	000NONPJ	srqt matrix spike dup	3/14/2019	Organic	Tetrachloro-m-xylene (TCMX)	n/a	=	0.358	µg/L	EPA 608	-88	-88			

Appendix F
Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2018/19-4	000NONPJ	srgt matrix spike dup, rec	3/14/2019	Organic	Tetrachloro-m-xylene (TCMX)	n/a	=	72	%	EPA 608	-88	-88	35	111	
2018/19-4	Lab	srgt method blank	3/14/2019	Organic	Tetrachloro-m-xylene (TCMX)	n/a	=	0.0823	µg/L	EPA 608	-88	-88			
2018/19-4	Lab	srgt method blank, rec	3/14/2019	Organic	Tetrachloro-m-xylene (TCMX)	n/a	=	82	%	EPA 608	-88	-88	35	111	
2018/19-4	Lab	srgt LCS	3/14/2019	Organic	Tetrachloro-m-xylene (TCMX)	n/a	=	0.0864	µg/L	EPA 608	-88	-88			
2018/19-4	Lab	srgt LCS, rec	3/14/2019	Organic	Tetrachloro-m-xylene (TCMX)	n/a	=	86	%	EPA 608	-88	-88	35	111	
2018/19-4	ME-SCR	srgt environ	3/14/2019	Organic	Tetrachloro-m-xylene (TCMX)	n/a	=	0.584	µg/L	EPA 608	-88	-88			
2018/19-4	ME-SCR	srgt environ, rec	3/14/2019	Organic	Tetrachloro-m-xylene (TCMX)	n/a	=	58	%	EPA 608	-88	-88	35	111	
2018/19-4	000NONPJ	srgt matrix spike	2/3/2019	Organic	Toluene-d8	n/a	=	49.6	µg/L	EPA 624	-88	-88			
2018/19-4	000NONPJ	srgt matrix spike, rec	2/3/2019	Organic	Toluene-d8	n/a	=	99	%	EPA 624	-88	-88	92	112	
2018/19-4	000NONPJ	srgt matrix spike dup	2/3/2019	Organic	Toluene-d8	n/a	=	50.2	µg/L	EPA 624	-88	-88			
2018/19-4	000NONPJ	srgt matrix spike dup, rec	2/3/2019	Organic	Toluene-d8	n/a	=	100	%	EPA 624	-88	-88	92	112	
2018/19-4	Lab	srgt LCS	2/2/2019	Organic	Toluene-d8	n/a	=	50.8	µg/L	EPA 624	-88	-88			
2018/19-4	Lab	srgt LCS, rec	2/2/2019	Organic	Toluene-d8	n/a	=	102	%	EPA 624	-88	-88	92	112	
2018/19-4	Lab	srgt LCS dup	2/2/2019	Organic	Toluene-d8	n/a	=	50.2	µg/L	EPA 624	-88	-88			
2018/19-4	Lab	srgt LCS dup, rec	2/2/2019	Organic	Toluene-d8	n/a	=	100	%	EPA 624	-88	-88	92	112	
2018/19-4	Lab	srgt method blank	2/2/2019	Organic	Toluene-d8	n/a	=	49.5	µg/L	EPA 624	-88	-88			
2018/19-4	Lab	srgt method blank, rec	2/2/2019	Organic	Toluene-d8	n/a	=	99	%	EPA 624	-88	-88	92	112	
2018/19-4	ME-SCR	srgt environ	2/3/2019	Organic	Toluene-d8	n/a	=	49.8	µg/L	EPA 624	-88	-88			
2018/19-4	ME-SCR	srgt environ, rec	2/3/2019	Organic	Toluene-d8	n/a	=	100	%	EPA 624	-88	-88	92	112	
2018/19-4	000NONPJ	srgt matrix spike	2/21/2019	Organic	Triphenylphosphate	n/a	=	1.28	µg/L	EPA 525.2m	-88	-88			
2018/19-4	000NONPJ	srgt matrix spike, rec	2/21/2019	Organic	Triphenylphosphate	n/a	=	128	%	EPA 525.2m	-88	-88	40	163	
2018/19-4	000NONPJ	srgt matrix spike dup	2/21/2019	Organic	Triphenylphosphate	n/a	=	1.58	µg/L	EPA 525.2m	-88	-88			
2018/19-4	000NONPJ	srgt matrix spike dup, rec	2/21/2019	Organic	Triphenylphosphate	n/a	=	158	%	EPA 525.2m	-88	-88	40	163	
2018/19-4	Lab	srgt method blank	2/20/2019	Organic	Triphenylphosphate	n/a	=	5.13	µg/L	EPA 525.2	-88	-88			
2018/19-4	Lab	srgt method blank, rec	2/20/2019	Organic	Triphenylphosphate	n/a	=	103	%	EPA 525.2	-88	-88	70	130	
2018/19-4	Lab	srgt LCS	2/20/2019	Organic	Triphenylphosphate	n/a	=	5.31	µg/L	EPA 525.2	-88	-88			
2018/19-4	Lab	srgt LCS, rec	2/20/2019	Organic	Triphenylphosphate	n/a	=	106	%	EPA 525.2	-88	-88	70	130	
2018/19-4	Lab	srgt LCS dup	2/20/2019	Organic	Triphenylphosphate	n/a	=	5.32	µg/L	EPA 525.2	-88	-88			
2018/19-4	Lab	srgt LCS dup, rec	2/20/2019	Organic	Triphenylphosphate	n/a	=	106	%	EPA 525.2	-88	-88	70	130	
2018/19-4	Lab	srgt method blank	2/21/2019	Organic	Triphenylphosphate	n/a	=	0.519	µg/L	EPA 525.2m	-88	-88			
2018/19-4	Lab	srgt method blank, rec	2/21/2019	Organic	Triphenylphosphate	n/a	=	104	%	EPA 525.2m	-88	-88	40	163	
2018/19-4	Lab	srgt LCS	2/21/2019	Organic	Triphenylphosphate	n/a	=	0.564	µg/L	EPA 525.2m	-88	-88			
2018/19-4	Lab	srgt LCS, rec	2/21/2019	Organic	Triphenylphosphate	n/a	=	113	%	EPA 525.2m	-88	-88	40	163	
2018/19-4	ME-SCR	srgt environ	2/21/2019	Organic	Triphenylphosphate	n/a	=	55.2	µg/L	EPA 525.2	-88	-88			
2018/19-4	ME-SCR	srgt environ, rec	2/21/2019	Organic	Triphenylphosphate	n/a	=	110	%	EPA 525.2	-88	-88	70	130	
2018/19-4	ME-SCR	srgt environ	2/21/2019	Organic	Triphenylphosphate	n/a	=	6.13	µg/L	EPA 525.2m	-88	-88			
2018/19-4	ME-SCR	srgt environ, rec	2/21/2019	Organic	Triphenylphosphate	n/a	=	123	%	EPA 525.2m	-88	-88	40	163	
2018/19-4	000NONPJ	srgt matrix spike	3/14/2019	PCB	PCB 209	n/a	=	0.336	µg/L	EPA 608	-88	-88			
2018/19-4	000NONPJ	srgt matrix spike, rec	3/14/2019	PCB	PCB 209	n/a	=	67	%	EPA 608	-88	-88	34	125	
2018/19-4	000NONPJ	srgt matrix spike dup	3/14/2019	PCB	PCB 209	n/a	=	0.313	µg/L	EPA 608	-88	-88			
2018/19-4	000NONPJ	srgt matrix spike dup, rec	3/14/2019	PCB	PCB 209	n/a	=	63	%	EPA 608	-88	-88	34	125	
2018/19-4	Lab	srgt method blank	3/14/2019	PCB	PCB 209	n/a	=	0.0896	µg/L	EPA 608	-88	-88			
2018/19-4	Lab	srgt method blank, rec	3/14/2019	PCB	PCB 209	n/a	=	90	%	EPA 608	-88	-88	34	125	
2018/19-4	Lab	srgt LCS	3/14/2019	PCB	PCB 209	n/a	=	0.1	µg/L	EPA 608	-88	-88			
2018/19-4	Lab	srgt LCS, rec	3/14/2019	PCB	PCB 209	n/a	=	100	%	EPA 608	-88	-88	34	125	
2018/19-4	ME-SCR	srgt environ	3/14/2019	PCB	PCB 209	n/a	=	0.434	µg/L	EPA 608	-88	-88			
2018/19-4	ME-SCR	srgt environ, rec	3/14/2019	PCB	PCB 209	n/a	=	43	%	EPA 608	-88	-88	34	125	

Appendix F
Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2018/19-4	000NONPJ	matrix spike	2/20/2019	Pesticide	2,4,5-T	n/a	=	4.42	µg/L	EPA 515.3	0.07	0.2			
2018/19-4	000NONPJ	matrix spike, rec	2/20/2019	Pesticide	2,4,5-T	n/a	=	111	%	EPA 515.3	-88	-88	70	130	
2018/19-4	000NONPJ	matrix spike dup	2/20/2019	Pesticide	2,4,5-T	n/a	=	4.15	µg/L	EPA 515.3	0.07	0.2			
2018/19-4	000NONPJ	matrix spike dup, rec	2/20/2019	Pesticide	2,4,5-T	n/a	=	104	%	EPA 515.3	-88	-88	70	130	
2018/19-4	000NONPJ	matrix spike, RPD	2/20/2019	Pesticide	2,4,5-T	n/a	=	6	%	EPA 515.3	-88	-88	0	30	
2018/19-4	000NONPJ	matrix spike	2/20/2019	Pesticide	2,4,5-T	n/a	=	4.13	µg/L	EPA 515.3	0.07	0.2			
2018/19-4	000NONPJ	matrix spike, rec	2/20/2019	Pesticide	2,4,5-T	n/a	=	103	%	EPA 515.3	-88	-88	70	130	
2018/19-4	000NONPJ	matrix spike dup	2/20/2019	Pesticide	2,4,5-T	n/a	=	3.85	µg/L	EPA 515.3	0.07	0.2			
2018/19-4	000NONPJ	matrix spike dup, rec	2/20/2019	Pesticide	2,4,5-T	n/a	=	96	%	EPA 515.3	-88	-88	70	130	
2018/19-4	000NONPJ	matrix spike, RPD	2/20/2019	Pesticide	2,4,5-T	n/a	=	7	%	EPA 515.3	-88	-88	0	30	
2018/19-4	Lab	method blank	2/20/2019	Pesticide	2,4,5-T	n/a	<	0.07	µg/L	EPA 515.3	0.07	0.2			
2018/19-4	Lab	LCS	2/20/2019	Pesticide	2,4,5-T	n/a	=	4.15	µg/L	EPA 515.3	0.07	0.2			
2018/19-4	Lab	LCS, rec	2/20/2019	Pesticide	2,4,5-T	n/a	=	104	%	EPA 515.3	-88	-88	70	130	
2018/19-4	000NONPJ	matrix spike	2/20/2019	Pesticide	2,4,5-TP	n/a	=	4.53	µg/L	EPA 515.3	0.09	0.2			
2018/19-4	000NONPJ	matrix spike, rec	2/20/2019	Pesticide	2,4,5-TP	n/a	=	113	%	EPA 515.3	-88	-88	70	130	
2018/19-4	000NONPJ	matrix spike dup	2/20/2019	Pesticide	2,4,5-TP	n/a	=	4.47	µg/L	EPA 515.3	0.09	0.2			
2018/19-4	000NONPJ	matrix spike dup, rec	2/20/2019	Pesticide	2,4,5-TP	n/a	=	112	%	EPA 515.3	-88	-88	70	130	
2018/19-4	000NONPJ	matrix spike, RPD	2/20/2019	Pesticide	2,4,5-TP	n/a	=	1	%	EPA 515.3	-88	-88	0	30	
2018/19-4	000NONPJ	matrix spike	2/20/2019	Pesticide	2,4,5-TP	n/a	=	4.2	µg/L	EPA 515.3	0.09	0.2			
2018/19-4	000NONPJ	matrix spike, rec	2/20/2019	Pesticide	2,4,5-TP	n/a	=	105	%	EPA 515.3	-88	-88	70	130	
2018/19-4	000NONPJ	matrix spike dup	2/20/2019	Pesticide	2,4,5-TP	n/a	=	3.95	µg/L	EPA 515.3	0.09	0.2			
2018/19-4	000NONPJ	matrix spike dup, rec	2/20/2019	Pesticide	2,4,5-TP	n/a	=	99	%	EPA 515.3	-88	-88	70	130	
2018/19-4	000NONPJ	matrix spike, RPD	2/20/2019	Pesticide	2,4,5-TP	n/a	=	6	%	EPA 515.3	-88	-88	0	30	
2018/19-4	Lab	method blank	2/20/2019	Pesticide	2,4,5-TP	n/a	<	0.09	µg/L	EPA 515.3	0.09	0.2			
2018/19-4	Lab	LCS	2/20/2019	Pesticide	2,4,5-TP	n/a	=	4.19	µg/L	EPA 515.3	0.09	0.2			
2018/19-4	Lab	LCS, rec	2/20/2019	Pesticide	2,4,5-TP	n/a	=	105	%	EPA 515.3	-88	-88	70	130	
2018/19-4	000NONPJ	matrix spike	2/20/2019	Pesticide	2,4-D	n/a	=	8.2	µg/L	EPA 515.3	0.07	0.4			
2018/19-4	000NONPJ	matrix spike, rec	2/20/2019	Pesticide	2,4-D	n/a	=	103	%	EPA 515.3	-88	-88	70	130	
2018/19-4	000NONPJ	matrix spike dup	2/20/2019	Pesticide	2,4-D	n/a	=	7.87	µg/L	EPA 515.3	0.07	0.4			
2018/19-4	000NONPJ	matrix spike dup, rec	2/20/2019	Pesticide	2,4-D	n/a	=	98	%	EPA 515.3	-88	-88	70	130	
2018/19-4	000NONPJ	matrix spike, RPD	2/20/2019	Pesticide	2,4-D	n/a	=	4	%	EPA 515.3	-88	-88	0	30	
2018/19-4	000NONPJ	matrix spike	2/20/2019	Pesticide	2,4-D	n/a	=	7.78	µg/L	EPA 515.3	0.07	0.4			
2018/19-4	000NONPJ	matrix spike, rec	2/20/2019	Pesticide	2,4-D	n/a	=	97	%	EPA 515.3	-88	-88	70	130	
2018/19-4	000NONPJ	matrix spike dup	2/20/2019	Pesticide	2,4-D	n/a	=	7.25	µg/L	EPA 515.3	0.07	0.4			
2018/19-4	000NONPJ	matrix spike dup, rec	2/20/2019	Pesticide	2,4-D	n/a	=	91	%	EPA 515.3	-88	-88	70	130	
2018/19-4	000NONPJ	matrix spike, RPD	2/20/2019	Pesticide	2,4-D	n/a	=	7	%	EPA 515.3	-88	-88	0	30	
2018/19-4	Lab	method blank	2/20/2019	Pesticide	2,4-D	n/a	<	0.07	µg/L	EPA 515.3	0.07	0.4			
2018/19-4	Lab	LCS	2/20/2019	Pesticide	2,4-D	n/a	=	7.67	µg/L	EPA 515.3	0.07	0.4			
2018/19-4	Lab	LCS, rec	2/20/2019	Pesticide	2,4-D	n/a	=	96	%	EPA 515.3	-88	-88	70	130	
2018/19-4	000NONPJ	matrix spike	2/20/2019	Pesticide	2,4-DB	n/a	=	12.6	µg/L	EPA 515.3	0.07	2			
2018/19-4	000NONPJ	matrix spike, rec	2/20/2019	Pesticide	2,4-DB	n/a	=	79	%	EPA 515.3	-88	-88	70	130	
2018/19-4	000NONPJ	matrix spike dup	2/20/2019	Pesticide	2,4-DB	n/a	=	14.9	µg/L	EPA 515.3	0.07	2			
2018/19-4	000NONPJ	matrix spike dup, rec	2/20/2019	Pesticide	2,4-DB	n/a	=	93	%	EPA 515.3	-88	-88	70	130	
2018/19-4	000NONPJ	matrix spike, RPD	2/20/2019	Pesticide	2,4-DB	n/a	=	17	%	EPA 515.3	-88	-88	0	30	
2018/19-4	000NONPJ	matrix spike	2/20/2019	Pesticide	2,4-DB	n/a	=	16.8	µg/L	EPA 515.3	0.07	2			
2018/19-4	000NONPJ	matrix spike, rec	2/20/2019	Pesticide	2,4-DB	n/a	=	105	%	EPA 515.3	-88	-88	70	130	
2018/19-4	000NONPJ	matrix spike dup	2/20/2019	Pesticide	2,4-DB	n/a	=	15.6	µg/L	EPA 515.3	0.07	2			

Appendix F
Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2018/19-4	000NONPJ	matrix spike dup, rec	2/20/2019	Pesticide	2,4-DB	n/a	=	97	%	EPA 515.3	-88	-88	70	130	
2018/19-4	000NONPJ	matrix spike, RPD	2/20/2019	Pesticide	2,4-DB	n/a	=	7	%	EPA 515.3	-88	-88	0	30	
2018/19-4	Lab	method blank	2/20/2019	Pesticide	2,4-DB	n/a	<	0.07	µg/L	EPA 515.3	0.07	2			
2018/19-4	Lab	LCS	2/20/2019	Pesticide	2,4-DB	n/a	=	16.9	µg/L	EPA 515.3	0.07	2			
2018/19-4	Lab	LCS, rec	2/20/2019	Pesticide	2,4-DB	n/a	=	106	%	EPA 515.3	-88	-88	70	130	
2018/19-4	000NONPJ	matrix spike	2/20/2019	Pesticide	3,5-Dichlorobenzoic acid	n/a	=	8.75	µg/L	EPA 515.3	0.09	1			
2018/19-4	000NONPJ	matrix spike, rec	2/20/2019	Pesticide	3,5-Dichlorobenzoic acid	n/a	=	109	%	EPA 515.3	-88	-88	70	130	
2018/19-4	000NONPJ	matrix spike dup	2/20/2019	Pesticide	3,5-Dichlorobenzoic acid	n/a	=	8.35	µg/L	EPA 515.3	0.09	1			
2018/19-4	000NONPJ	matrix spike dup, rec	2/20/2019	Pesticide	3,5-Dichlorobenzoic acid	n/a	=	104	%	EPA 515.3	-88	-88	70	130	
2018/19-4	000NONPJ	matrix spike, RPD	2/20/2019	Pesticide	3,5-Dichlorobenzoic acid	n/a	=	5	%	EPA 515.3	-88	-88	0	30	
2018/19-4	000NONPJ	matrix spike	2/20/2019	Pesticide	3,5-Dichlorobenzoic acid	n/a	=	8.27	µg/L	EPA 515.3	0.09	1			
2018/19-4	000NONPJ	matrix spike, rec	2/20/2019	Pesticide	3,5-Dichlorobenzoic acid	n/a	=	103	%	EPA 515.3	-88	-88	70	130	
2018/19-4	000NONPJ	matrix spike dup	2/20/2019	Pesticide	3,5-Dichlorobenzoic acid	n/a	=	7.67	µg/L	EPA 515.3	0.09	1			
2018/19-4	000NONPJ	matrix spike dup, rec	2/20/2019	Pesticide	3,5-Dichlorobenzoic acid	n/a	=	96	%	EPA 515.3	-88	-88	70	130	
2018/19-4	000NONPJ	matrix spike, RPD	2/20/2019	Pesticide	3,5-Dichlorobenzoic acid	n/a	=	8	%	EPA 515.3	-88	-88	0	30	
2018/19-4	Lab	method blank	2/20/2019	Pesticide	3,5-Dichlorobenzoic acid	n/a	<	0.09	µg/L	EPA 515.3	0.09	1			
2018/19-4	Lab	LCS	2/20/2019	Pesticide	3,5-Dichlorobenzoic acid	n/a	=	8.2	µg/L	EPA 515.3	0.09	1			
2018/19-4	Lab	LCS, rec	2/20/2019	Pesticide	3,5-Dichlorobenzoic acid	n/a	=	103	%	EPA 515.3	-88	-88	70	130	
2018/19-4	000NONPJ	matrix spike	3/14/2019	Pesticide	4,4'-DDD	n/a	DNQ	0.343	µg/L	EPA 608	0.3	5			
2018/19-4	000NONPJ	matrix spike, rec	3/14/2019	Pesticide	4,4'-DDD	n/a	=	69	%	EPA 608	-88	-88	23	124	
2018/19-4	000NONPJ	matrix spike dup	3/14/2019	Pesticide	4,4'-DDD	n/a	DNQ	0.321	µg/L	EPA 608	0.3	5			
2018/19-4	000NONPJ	matrix spike dup, rec	3/14/2019	Pesticide	4,4'-DDD	n/a	=	64	%	EPA 608	-88	-88	23	124	
2018/19-4	000NONPJ	matrix spike, RPD	3/14/2019	Pesticide	4,4'-DDD	n/a	=	7	%	EPA 608	-88	-88	0	30	
2018/19-4	Lab	method blank	3/14/2019	Pesticide	4,4'-DDD	n/a	<	0.003	µg/L	EPA 608	0.003	0.05			
2018/19-4	Lab	LCS	3/14/2019	Pesticide	4,4'-DDD	n/a	=	0.116	µg/L	EPA 608	0.003	0.05			
2018/19-4	Lab	LCS, rec	3/14/2019	Pesticide	4,4'-DDD	n/a	=	116	%	EPA 608	-88	-88	42	133	
2018/19-4	000NONPJ	matrix spike	3/14/2019	Pesticide	4,4'-DDE	n/a	DNQ	0.42	µg/L	EPA 608	0.25	5			
2018/19-4	000NONPJ	matrix spike, rec	3/14/2019	Pesticide	4,4'-DDE	n/a	=	84	%	EPA 608	-88	-88	30	114	
2018/19-4	000NONPJ	matrix spike dup	3/14/2019	Pesticide	4,4'-DDE	n/a	DNQ	0.401	µg/L	EPA 608	0.25	5			
2018/19-4	000NONPJ	matrix spike dup, rec	3/14/2019	Pesticide	4,4'-DDE	n/a	=	80	%	EPA 608	-88	-88	30	114	
2018/19-4	000NONPJ	matrix spike, RPD	3/14/2019	Pesticide	4,4'-DDE	n/a	=	5	%	EPA 608	-88	-88	0	30	
2018/19-4	Lab	method blank	3/14/2019	Pesticide	4,4'-DDE	n/a	<	0.0025	µg/L	EPA 608	0.0025	0.05			
2018/19-4	Lab	LCS	3/14/2019	Pesticide	4,4'-DDE	n/a	=	0.109	µg/L	EPA 608	0.0025	0.05			
2018/19-4	Lab	LCS, rec	3/14/2019	Pesticide	4,4'-DDE	n/a	=	109	%	EPA 608	-88	-88	33	126	
2018/19-4	000NONPJ	matrix spike	3/14/2019	Pesticide	4,4'-DDT	n/a	DNQ	0.531	µg/L	EPA 608	0.31	1			
2018/19-4	000NONPJ	matrix spike, rec	3/14/2019	Pesticide	4,4'-DDT	n/a	=	106	%	EPA 608	-88	-88	11	151	
2018/19-4	000NONPJ	matrix spike dup	3/14/2019	Pesticide	4,4'-DDT	n/a	DNQ	0.482	µg/L	EPA 608	0.31	1			
2018/19-4	000NONPJ	matrix spike dup, rec	3/14/2019	Pesticide	4,4'-DDT	n/a	=	96	%	EPA 608	-88	-88	11	151	
2018/19-4	000NONPJ	matrix spike, RPD	3/14/2019	Pesticide	4,4'-DDT	n/a	=	10	%	EPA 608	-88	-88	0	30	
2018/19-4	Lab	method blank	3/14/2019	Pesticide	4,4'-DDT	n/a	<	0.0031	µg/L	EPA 608	0.0031	0.01			
2018/19-4	Lab	LCS	3/14/2019	Pesticide	4,4'-DDT	n/a	=	0.125	µg/L	EPA 608	0.0031	0.01			
2018/19-4	Lab	LCS, rec	3/14/2019	Pesticide	4,4'-DDT	n/a	=	125	%	EPA 608	-88	-88	35	147	
2018/19-4	000NONPJ	matrix spike	2/20/2019	Pesticide	Acifluorfen	n/a	=	4.15	µg/L	EPA 515.3	0.06	0.4			
2018/19-4	000NONPJ	matrix spike, rec	2/20/2019	Pesticide	Acifluorfen	n/a	=	104	%	EPA 515.3	-88	-88	70	130	
2018/19-4	000NONPJ	matrix spike dup	2/20/2019	Pesticide	Acifluorfen	n/a	=	3.92	µg/L	EPA 515.3	0.06	0.4			
2018/19-4	000NONPJ	matrix spike dup, rec	2/20/2019	Pesticide	Acifluorfen	n/a	=	98	%	EPA 515.3	-88	-88	70	130	
2018/19-4	000NONPJ	matrix spike, RPD	2/20/2019	Pesticide	Acifluorfen	n/a	=	6	%	EPA 515.3	-88	-88	0	30	

Appendix F
Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2018/19-4	000NONPJ	matrix spike	2/20/2019	Pesticide	Acifluorfen	n/a	=	3.95	µg/L	EPA 515.3	0.06	0.4			
2018/19-4	000NONPJ	matrix spike, rec	2/20/2019	Pesticide	Acifluorfen	n/a	=	99	%	EPA 515.3	-88	-88	70	130	
2018/19-4	000NONPJ	matrix spike dup	2/20/2019	Pesticide	Acifluorfen	n/a	=	3.68	µg/L	EPA 515.3	0.06	0.4			
2018/19-4	000NONPJ	matrix spike dup, rec	2/20/2019	Pesticide	Acifluorfen	n/a	=	92	%	EPA 515.3	-88	-88	70	130	
2018/19-4	000NONPJ	matrix spike, RPD	2/20/2019	Pesticide	Acifluorfen	n/a	=	7	%	EPA 515.3	-88	-88	0	30	
2018/19-4	Lab	method blank	2/20/2019	Pesticide	Acifluorfen	n/a	<	0.06	µg/L	EPA 515.3	0.06	0.4			
2018/19-4	Lab	LCS	2/20/2019	Pesticide	Acifluorfen	n/a	=	4.02	µg/L	EPA 515.3	0.06	0.4			
2018/19-4	Lab	LCS, rec	2/20/2019	Pesticide	Acifluorfen	n/a	=	101	%	EPA 515.3	-88	-88	70	130	
2018/19-4	Lab	method blank	2/20/2019	Pesticide	Alachlor	n/a	<	0.022	µg/L	EPA 525.2	0.022	0.1			
2018/19-4	Lab	LCS	2/20/2019	Pesticide	Alachlor	n/a	=	5.36	µg/L	EPA 525.2	0.022	0.1			
2018/19-4	Lab	LCS, rec	2/20/2019	Pesticide	Alachlor	n/a	=	107	%	EPA 525.2	-88	-88	70	130	
2018/19-4	Lab	LCS dup	2/20/2019	Pesticide	Alachlor	n/a	=	5.7	µg/L	EPA 525.2	0.022	0.1			
2018/19-4	Lab	LCS dup, rec	2/20/2019	Pesticide	Alachlor	n/a	=	114	%	EPA 525.2	-88	-88	70	130	
2018/19-4	Lab	LCS, RPD	2/20/2019	Pesticide	Alachlor	n/a	=	6	%	EPA 525.2	-88	-88	0	30	
2018/19-4	000NONPJ	matrix spike	3/14/2019	Pesticide	Aldrin	n/a	DNQ	0.388	µg/L	EPA 608	0.15	0.5			
2018/19-4	000NONPJ	matrix spike, rec	3/14/2019	Pesticide	Aldrin	n/a	=	78	%	EPA 608	-88	-88	18	110	
2018/19-4	000NONPJ	matrix spike dup	3/14/2019	Pesticide	Aldrin	n/a	DNQ	0.456	µg/L	EPA 608	0.15	0.5			
2018/19-4	000NONPJ	matrix spike dup, rec	3/14/2019	Pesticide	Aldrin	n/a	=	91	%	EPA 608	-88	-88	18	110	
2018/19-4	000NONPJ	matrix spike, RPD	3/14/2019	Pesticide	Aldrin	n/a	=	16	%	EPA 608	-88	-88	0	30	
2018/19-4	Lab	method blank	3/14/2019	Pesticide	Aldrin	n/a	<	0.0015	µg/L	EPA 608	0.0015	0.005			
2018/19-4	Lab	LCS	3/14/2019	Pesticide	Aldrin	n/a	=	0.101	µg/L	EPA 608	0.0015	0.005			
2018/19-4	Lab	LCS, rec	3/14/2019	Pesticide	Aldrin	n/a	=	101	%	EPA 608	-88	-88	18	117	
2018/19-4	000NONPJ	matrix spike	3/14/2019	Pesticide	alpha-BHC	n/a	DNQ	0.385	µg/L	EPA 608	0.18	1			
2018/19-4	000NONPJ	matrix spike, rec	3/14/2019	Pesticide	alpha-BHC	n/a	=	77	%	EPA 608	-88	-88	43	114	
2018/19-4	000NONPJ	matrix spike dup	3/14/2019	Pesticide	alpha-BHC	n/a	DNQ	0.373	µg/L	EPA 608	0.18	1			
2018/19-4	000NONPJ	matrix spike dup, rec	3/14/2019	Pesticide	alpha-BHC	n/a	=	75	%	EPA 608	-88	-88	43	114	
2018/19-4	000NONPJ	matrix spike, RPD	3/14/2019	Pesticide	alpha-BHC	n/a	=	3	%	EPA 608	-88	-88	0	30	
2018/19-4	Lab	method blank	3/14/2019	Pesticide	alpha-BHC	n/a	<	0.0018	µg/L	EPA 608	0.0018	0.01			
2018/19-4	Lab	LCS	3/14/2019	Pesticide	alpha-BHC	n/a	=	0.104	µg/L	EPA 608	0.0018	0.01			
2018/19-4	Lab	LCS, rec	3/14/2019	Pesticide	alpha-BHC	n/a	=	104	%	EPA 608	-88	-88	47	119	
2018/19-4	Lab	method blank	2/20/2019	Pesticide	Atrazine	n/a	<	0.034	µg/L	EPA 525.2	0.034	0.1			
2018/19-4	Lab	LCS	2/20/2019	Pesticide	Atrazine	n/a	=	5.47	µg/L	EPA 525.2	0.034	0.1			
2018/19-4	Lab	LCS, rec	2/20/2019	Pesticide	Atrazine	n/a	=	109	%	EPA 525.2	-88	-88	70	130	
2018/19-4	Lab	LCS dup	2/20/2019	Pesticide	Atrazine	n/a	=	6.17	µg/L	EPA 525.2	0.034	0.1			
2018/19-4	Lab	LCS dup, rec	2/20/2019	Pesticide	Atrazine	n/a	=	123	%	EPA 525.2	-88	-88	70	130	
2018/19-4	Lab	LCS, RPD	2/20/2019	Pesticide	Atrazine	n/a	=	12	%	EPA 525.2	-88	-88	0	30	
2018/19-4	000NONPJ	matrix spike	2/21/2019	Pesticide	Azinphos methyl	n/a	=	0.12	µg/L	EPA 525.2m	0.011	0.02			
2018/19-4	000NONPJ	matrix spike, rec	2/21/2019	Pesticide	Azinphos methyl	n/a	=	120	%	EPA 525.2m	-88	-88	0.1	154	
2018/19-4	000NONPJ	matrix spike dup	2/21/2019	Pesticide	Azinphos methyl	n/a	=	0.136	µg/L	EPA 525.2m	0.011	0.02			
2018/19-4	000NONPJ	matrix spike dup, rec	2/21/2019	Pesticide	Azinphos methyl	n/a	=	136	%	EPA 525.2m	-88	-88	0.1	154	
2018/19-4	000NONPJ	matrix spike, RPD	2/21/2019	Pesticide	Azinphos methyl	n/a	=	13	%	EPA 525.2m	-88	-88	0	30	
2018/19-4	Lab	method blank	2/21/2019	Pesticide	Azinphos methyl	n/a	<	0.0055	µg/L	EPA 525.2m	0.0055	0.01			
2018/19-4	Lab	LCS	2/21/2019	Pesticide	Azinphos methyl	n/a	=	0.0562	µg/L	EPA 525.2m	0.0055	0.01			
2018/19-4	Lab	LCS, rec	2/21/2019	Pesticide	Azinphos methyl	n/a	=	112	%	EPA 525.2m	-88	-88	0.1	188	
2018/19-4	000NONPJ	matrix spike	2/20/2019	Pesticide	Bentazon	n/a	=	18.6	µg/L	EPA 515.3	0.11	2			
2018/19-4	000NONPJ	matrix spike, rec	2/20/2019	Pesticide	Bentazon	n/a	=	116	%	EPA 515.3	-88	-88	70	130	
2018/19-4	000NONPJ	matrix spike dup	2/20/2019	Pesticide	Bentazon	n/a	=	17.8	µg/L	EPA 515.3	0.11	2			

Appendix F
Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2018/19-4	000NONPJ	matrix spike dup, rec	2/20/2019	Pesticide	Bentazon	n/a	=	111	%	EPA 515.3	-88	-88	70	130	
2018/19-4	000NONPJ	matrix spike, RPD	2/20/2019	Pesticide	Bentazon	n/a	=	5	%	EPA 515.3	-88	-88	0	30	
2018/19-4	000NONPJ	matrix spike	2/20/2019	Pesticide	Bentazon	n/a	=	17.5	µg/L	EPA 515.3	0.11	2			
2018/19-4	000NONPJ	matrix spike, rec	2/20/2019	Pesticide	Bentazon	n/a	=	109	%	EPA 515.3	-88	-88	70	130	
2018/19-4	000NONPJ	matrix spike dup	2/20/2019	Pesticide	Bentazon	n/a	=	16	µg/L	EPA 515.3	0.11	2			
2018/19-4	000NONPJ	matrix spike dup, rec	2/20/2019	Pesticide	Bentazon	n/a	=	100	%	EPA 515.3	-88	-88	70	130	
2018/19-4	000NONPJ	matrix spike, RPD	2/20/2019	Pesticide	Bentazon	n/a	=	9	%	EPA 515.3	-88	-88	0	30	
2018/19-4	Lab	method blank	2/20/2019	Pesticide	Bentazon	n/a	<	0.11	µg/L	EPA 515.3	0.11	2			
2018/19-4	Lab	LCS	2/20/2019	Pesticide	Bentazon	n/a	=	17.3	µg/L	EPA 515.3	0.11	2			
2018/19-4	Lab	LCS, rec	2/20/2019	Pesticide	Bentazon	n/a	=	108	%	EPA 515.3	-88	-88	70	130	
2018/19-4	000NONPJ	matrix spike	3/14/2019	Pesticide	beta-BHC	n/a	DNQ	0.409	µg/L	EPA 608	0.31	0.5			
2018/19-4	000NONPJ	matrix spike, rec	3/14/2019	Pesticide	beta-BHC	n/a	=	82	%	EPA 608	-88	-88	24	135	
2018/19-4	000NONPJ	matrix spike dup	3/14/2019	Pesticide	beta-BHC	n/a	DNQ	0.385	µg/L	EPA 608	0.31	0.5			
2018/19-4	000NONPJ	matrix spike dup, rec	3/14/2019	Pesticide	beta-BHC	n/a	=	77	%	EPA 608	-88	-88	24	135	
2018/19-4	000NONPJ	matrix spike, RPD	3/14/2019	Pesticide	beta-BHC	n/a	=	6	%	EPA 608	-88	-88	0	30	
2018/19-4	Lab	method blank	3/14/2019	Pesticide	beta-BHC	n/a	<	0.0031	µg/L	EPA 608	0.0031	0.005			
2018/19-4	Lab	LCS	3/14/2019	Pesticide	beta-BHC	n/a	=	0.12	µg/L	EPA 608	0.0031	0.005			
2018/19-4	Lab	LCS, rec	3/14/2019	Pesticide	beta-BHC	n/a	=	120	%	EPA 608	-88	-88	53	123	
2018/19-4	000NONPJ	matrix spike	2/21/2019	Pesticide	Bolstar	n/a	=	0.0682	µg/L	EPA 525.2m	0.0092	0.02			IL
2018/19-4	000NONPJ	matrix spike, rec	2/21/2019	Pesticide	Bolstar	n/a	=	68	%	EPA 525.2m	-88	-88	4	184	IL
2018/19-4	000NONPJ	matrix spike dup	2/21/2019	Pesticide	Bolstar	n/a	=	0.113	µg/L	EPA 525.2m	0.0092	0.02			IL
2018/19-4	000NONPJ	matrix spike dup, rec	2/21/2019	Pesticide	Bolstar	n/a	=	113	%	EPA 525.2m	-88	-88	4	184	IL
2018/19-4	000NONPJ	matrix spike, RPD	2/21/2019	Pesticide	Bolstar	n/a	=	50	%	EPA 525.2m	-88	-88	0	30	IL
2018/19-4	Lab	method blank	2/21/2019	Pesticide	Bolstar	n/a	<	0.0046	µg/L	EPA 525.2m	0.0046	0.01			
2018/19-4	Lab	LCS	2/21/2019	Pesticide	Bolstar	n/a	=	0.0278	µg/L	EPA 525.2m	0.0046	0.01			
2018/19-4	Lab	LCS, rec	2/21/2019	Pesticide	Bolstar	n/a	=	56	%	EPA 525.2m	-88	-88	11	166	
2018/19-4	Lab	method blank	2/20/2019	Pesticide	Bromacil	n/a	<	0.038	µg/L	EPA 525.2	0.038	1			
2018/19-4	Lab	LCS	2/20/2019	Pesticide	Bromacil	n/a	=	4.87	µg/L	EPA 525.2	0.038	1			
2018/19-4	Lab	LCS, rec	2/20/2019	Pesticide	Bromacil	n/a	=	97	%	EPA 525.2	-88	-88	70	130	
2018/19-4	Lab	LCS dup	2/20/2019	Pesticide	Bromacil	n/a	=	5.84	µg/L	EPA 525.2	0.038	1			
2018/19-4	Lab	LCS dup, rec	2/20/2019	Pesticide	Bromacil	n/a	=	117	%	EPA 525.2	-88	-88	70	130	
2018/19-4	Lab	LCS, RPD	2/20/2019	Pesticide	Bromacil	n/a	=	18	%	EPA 525.2	-88	-88	0	30	
2018/19-4	Lab	method blank	2/20/2019	Pesticide	Butachlor	n/a	<	0.017	µg/L	EPA 525.2	0.017	0.2			
2018/19-4	Lab	LCS	2/20/2019	Pesticide	Butachlor	n/a	=	4.96	µg/L	EPA 525.2	0.017	0.2			
2018/19-4	Lab	LCS, rec	2/20/2019	Pesticide	Butachlor	n/a	=	99	%	EPA 525.2	-88	-88	70	130	
2018/19-4	Lab	LCS dup	2/20/2019	Pesticide	Butachlor	n/a	=	5.05	µg/L	EPA 525.2	0.017	0.2			
2018/19-4	Lab	LCS dup, rec	2/20/2019	Pesticide	Butachlor	n/a	=	101	%	EPA 525.2	-88	-88	70	130	
2018/19-4	Lab	LCS, RPD	2/20/2019	Pesticide	Butachlor	n/a	=	2	%	EPA 525.2	-88	-88	0	30	
2018/19-4	Lab	method blank	2/20/2019	Pesticide	Captan	n/a	<	0.86	µg/L	EPA 525.2	0.86	1			
2018/19-4	Lab	LCS	2/20/2019	Pesticide	Captan	n/a	=	4.33	µg/L	EPA 525.2	0.86	1			
2018/19-4	Lab	LCS, rec	2/20/2019	Pesticide	Captan	n/a	=	87	%	EPA 525.2	-88	-88	70	130	
2018/19-4	Lab	LCS dup	2/20/2019	Pesticide	Captan	n/a	=	4.8	µg/L	EPA 525.2	0.86	1			
2018/19-4	Lab	LCS dup, rec	2/20/2019	Pesticide	Captan	n/a	=	96	%	EPA 525.2	-88	-88	70	130	
2018/19-4	Lab	LCS, RPD	2/20/2019	Pesticide	Captan	n/a	=	10	%	EPA 525.2	-88	-88	0	30	
2018/19-4	Lab	method blank	2/20/2019	Pesticide	Chloroprotham	n/a	<	0.01	µg/L	EPA 525.2	0.01	0.1			
2018/19-4	Lab	LCS	2/20/2019	Pesticide	Chloroprotham	n/a	=	5.29	µg/L	EPA 525.2	0.01	0.1			
2018/19-4	Lab	LCS, rec	2/20/2019	Pesticide	Chloroprotham	n/a	=	106	%	EPA 525.2	-88	-88	70	130	

Appendix F
Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2018/19-4	Lab	LCS dup	2/20/2019	Pesticide	Chlorpropham	n/a	=	5.65	µg/L	EPA 525.2	0.01	0.1			
2018/19-4	Lab	LCS dup, rec	2/20/2019	Pesticide	Chlorpropham	n/a	=	113	%	EPA 525.2	-88	-88	70	130	
2018/19-4	Lab	LCS, RPD	2/20/2019	Pesticide	Chlorpropham	n/a	=	6	%	EPA 525.2	-88	-88	0	30	
2018/19-4	000NONPJ	matrix spike	2/21/2019	Pesticide	Chlorpyrifos	n/a	=	0.121	µg/L	EPA 525.2m	0.014	0.02			
2018/19-4	000NONPJ	matrix spike, rec	2/21/2019	Pesticide	Chlorpyrifos	n/a	=	121	%	EPA 525.2m	-88	-88	37	168	
2018/19-4	000NONPJ	matrix spike dup	2/21/2019	Pesticide	Chlorpyrifos	n/a	=	0.132	µg/L	EPA 525.2m	0.014	0.02			
2018/19-4	000NONPJ	matrix spike dup, rec	2/21/2019	Pesticide	Chlorpyrifos	n/a	=	132	%	EPA 525.2m	-88	-88	37	168	
2018/19-4	000NONPJ	matrix spike, RPD	2/21/2019	Pesticide	Chlorpyrifos	n/a	=	9	%	EPA 525.2m	-88	-88	0	30	
2018/19-4	Lab	method blank	2/21/2019	Pesticide	Chlorpyrifos	n/a	<	0.0069	µg/L	EPA 525.2m	0.0069	0.01			
2018/19-4	Lab	LCS	2/21/2019	Pesticide	Chlorpyrifos	n/a	=	0.0538	µg/L	EPA 525.2m	0.0069	0.01			
2018/19-4	Lab	LCS, rec	2/21/2019	Pesticide	Chlorpyrifos	n/a	=	108	%	EPA 525.2m	-88	-88	37	169	
2018/19-4	000NONPJ	matrix spike	2/21/2019	Pesticide	Coumaphos	n/a	=	0.0848	µg/L	EPA 525.2m	0.01	0.02			
2018/19-4	000NONPJ	matrix spike, rec	2/21/2019	Pesticide	Coumaphos	n/a	=	85	%	EPA 525.2m	-88	-88	0.1	203	
2018/19-4	000NONPJ	matrix spike dup	2/21/2019	Pesticide	Coumaphos	n/a	=	0.0791	µg/L	EPA 525.2m	0.01	0.02			
2018/19-4	000NONPJ	matrix spike dup, rec	2/21/2019	Pesticide	Coumaphos	n/a	=	79	%	EPA 525.2m	-88	-88	0.1	203	
2018/19-4	000NONPJ	matrix spike, RPD	2/21/2019	Pesticide	Coumaphos	n/a	=	7	%	EPA 525.2m	-88	-88	0	30	
2018/19-4	Lab	method blank	2/21/2019	Pesticide	Coumaphos	n/a	<	0.0051	µg/L	EPA 525.2m	0.0051	0.01			
2018/19-4	Lab	LCS	2/21/2019	Pesticide	Coumaphos	n/a	=	0.0471	µg/L	EPA 525.2m	0.0051	0.01			
2018/19-4	Lab	LCS, rec	2/21/2019	Pesticide	Coumaphos	n/a	=	94	%	EPA 525.2m	-88	-88	0.1	225	
2018/19-4	Lab	method blank	2/20/2019	Pesticide	Cyanazine	n/a	<	0.024	µg/L	EPA 525.2	0.024	0.1			
2018/19-4	Lab	LCS	2/20/2019	Pesticide	Cyanazine	n/a	=	5.22	µg/L	EPA 525.2	0.024	0.1			
2018/19-4	Lab	LCS, rec	2/20/2019	Pesticide	Cyanazine	n/a	=	104	%	EPA 525.2	-88	-88	70	130	
2018/19-4	Lab	LCS dup	2/20/2019	Pesticide	Cyanazine	n/a	=	5.33	µg/L	EPA 525.2	0.024	0.1			
2018/19-4	Lab	LCS dup, rec	2/20/2019	Pesticide	Cyanazine	n/a	=	107	%	EPA 525.2	-88	-88	70	130	
2018/19-4	Lab	LCS, RPD	2/20/2019	Pesticide	Cyanazine	n/a	=	2	%	EPA 525.2	-88	-88	0	30	
2018/19-4	000NONPJ	matrix spike	2/20/2019	Pesticide	Dalapon	n/a	=	7.96	µg/L	EPA 515.3	0.1	0.4			
2018/19-4	000NONPJ	matrix spike, rec	2/20/2019	Pesticide	Dalapon	n/a	=	99	%	EPA 515.3	-88	-88	70	130	
2018/19-4	000NONPJ	matrix spike dup	2/20/2019	Pesticide	Dalapon	n/a	=	7.58	µg/L	EPA 515.3	0.1	0.4			
2018/19-4	000NONPJ	matrix spike dup, rec	2/20/2019	Pesticide	Dalapon	n/a	=	95	%	EPA 515.3	-88	-88	70	130	
2018/19-4	000NONPJ	matrix spike, RPD	2/20/2019	Pesticide	Dalapon	n/a	=	5	%	EPA 515.3	-88	-88	0	30	
2018/19-4	000NONPJ	matrix spike	2/20/2019	Pesticide	Dalapon	n/a	=	7.41	µg/L	EPA 515.3	0.1	0.4			
2018/19-4	000NONPJ	matrix spike, rec	2/20/2019	Pesticide	Dalapon	n/a	=	93	%	EPA 515.3	-88	-88	70	130	
2018/19-4	000NONPJ	matrix spike dup	2/20/2019	Pesticide	Dalapon	n/a	=	7.2	µg/L	EPA 515.3	0.1	0.4			
2018/19-4	000NONPJ	matrix spike dup, rec	2/20/2019	Pesticide	Dalapon	n/a	=	90	%	EPA 515.3	-88	-88	70	130	
2018/19-4	000NONPJ	matrix spike, RPD	2/20/2019	Pesticide	Dalapon	n/a	=	3	%	EPA 515.3	-88	-88	0	30	
2018/19-4	Lab	method blank	2/20/2019	Pesticide	Dalapon	n/a	<	0.1	µg/L	EPA 515.3	0.1	0.4			
2018/19-4	Lab	LCS	2/20/2019	Pesticide	Dalapon	n/a	=	8	µg/L	EPA 515.3	0.1	0.4			
2018/19-4	Lab	LCS, rec	2/20/2019	Pesticide	Dalapon	n/a	=	100	%	EPA 515.3	-88	-88	70	130	
2018/19-4	000NONPJ	matrix spike	2/20/2019	Pesticide	DCPA (Dacthal)	n/a	=	3.97	µg/L	EPA 515.3	0.07	0.1			
2018/19-4	000NONPJ	matrix spike, rec	2/20/2019	Pesticide	DCPA (Dacthal)	n/a	=	99	%	EPA 515.3	-88	-88	70	130	
2018/19-4	000NONPJ	matrix spike dup	2/20/2019	Pesticide	DCPA (Dacthal)	n/a	=	3.78	µg/L	EPA 515.3	0.07	0.1			
2018/19-4	000NONPJ	matrix spike dup, rec	2/20/2019	Pesticide	DCPA (Dacthal)	n/a	=	94	%	EPA 515.3	-88	-88	70	130	
2018/19-4	000NONPJ	matrix spike, RPD	2/20/2019	Pesticide	DCPA (Dacthal)	n/a	=	5	%	EPA 515.3	-88	-88	0	30	
2018/19-4	000NONPJ	matrix spike	2/20/2019	Pesticide	DCPA (Dacthal)	n/a	=	3.74	µg/L	EPA 515.3	0.07	0.1			
2018/19-4	000NONPJ	matrix spike, rec	2/20/2019	Pesticide	DCPA (Dacthal)	n/a	=	93	%	EPA 515.3	-88	-88	70	130	
2018/19-4	000NONPJ	matrix spike dup	2/20/2019	Pesticide	DCPA (Dacthal)	n/a	=	3.56	µg/L	EPA 515.3	0.07	0.1			
2018/19-4	000NONPJ	matrix spike dup, rec	2/20/2019	Pesticide	DCPA (Dacthal)	n/a	=	89	%	EPA 515.3	-88	-88	70	130	

Appendix F
Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2018/19-4	000NONPJ	matrix spike, RPD	2/20/2019	Pesticide	DCPA (Dacthal)	n/a	=	5	%	EPA 515.3	-88	-88	0	30	
2018/19-4	Lab	method blank	2/20/2019	Pesticide	DCPA (Dacthal)	n/a	<	0.07	µg/L	EPA 515.3	0.07	0.1			
2018/19-4	Lab	LCS	2/20/2019	Pesticide	DCPA (Dacthal)	n/a	=	3.8	µg/L	EPA 515.3	0.07	0.1			
2018/19-4	Lab	LCS, rec	2/20/2019	Pesticide	DCPA (Dacthal)	n/a	=	95	%	EPA 515.3	-88	-88	70	130	
2018/19-4	000NONPJ	matrix spike	3/14/2019	Pesticide	delta-BHC	n/a	=	0.507	µg/L	EPA 608	0.25	0.5			
2018/19-4	000NONPJ	matrix spike, rec	3/14/2019	Pesticide	delta-BHC	n/a	=	101	%	EPA 608	-88	-88	37	122	
2018/19-4	000NONPJ	matrix spike dup	3/14/2019	Pesticide	delta-BHC	n/a	DNQ	0.498	µg/L	EPA 608	0.25	0.5			
2018/19-4	000NONPJ	matrix spike dup, rec	3/14/2019	Pesticide	delta-BHC	n/a	=	100	%	EPA 608	-88	-88	37	122	
2018/19-4	000NONPJ	matrix spike, RPD	3/14/2019	Pesticide	delta-BHC	n/a	=	2	%	EPA 608	-88	-88	0	30	
2018/19-4	Lab	method blank	3/14/2019	Pesticide	delta-BHC	n/a	<	0.0025	µg/L	EPA 608	0.0025	0.005			
2018/19-4	Lab	LCS	3/14/2019	Pesticide	delta-BHC	n/a	=	0.148	µg/L	EPA 608	0.0025	0.005			EUM
2018/19-4	Lab	LCS, rec	3/14/2019	Pesticide	delta-BHC	n/a	=	148	%	EPA 608	-88	-88	51	123	EUM
2018/19-4	000NONPJ	matrix spike	2/21/2019	Pesticide	Demeton-O	n/a	=	0.0524	µg/L	EPA 525.2m	0.02	0.02			
2018/19-4	000NONPJ	matrix spike, rec	2/21/2019	Pesticide	Demeton-O	n/a	=	52	%	EPA 525.2m	-88	-88	0.1	208	
2018/19-4	000NONPJ	matrix spike dup	2/21/2019	Pesticide	Demeton-O	n/a	=	0.069	µg/L	EPA 525.2m	0.02	0.02			
2018/19-4	000NONPJ	matrix spike dup, rec	2/21/2019	Pesticide	Demeton-O	n/a	=	69	%	EPA 525.2m	-88	-88	0.1	208	
2018/19-4	000NONPJ	matrix spike, RPD	2/21/2019	Pesticide	Demeton-O	n/a	=	27	%	EPA 525.2m	-88	-88	0	30	
2018/19-4	Lab	method blank	2/21/2019	Pesticide	Demeton-O	n/a	<	0.01	µg/L	EPA 525.2m	0.01	0.01			
2018/19-4	Lab	LCS	2/21/2019	Pesticide	Demeton-O	n/a	=	0.0231	µg/L	EPA 525.2m	0.01	0.01			
2018/19-4	Lab	LCS, rec	2/21/2019	Pesticide	Demeton-O	n/a	=	46	%	EPA 525.2m	-88	-88	0.1	211	
2018/19-4	000NONPJ	matrix spike	2/21/2019	Pesticide	Demeton-S	n/a	=	0.142	µg/L	EPA 525.2m	0.02	0.02			IL
2018/19-4	000NONPJ	matrix spike, rec	2/21/2019	Pesticide	Demeton-S	n/a	=	142	%	EPA 525.2m	-88	-88	0.1	207	IL
2018/19-4	000NONPJ	matrix spike dup	2/21/2019	Pesticide	Demeton-S	n/a	=	0.197	µg/L	EPA 525.2m	0.02	0.02			IL
2018/19-4	000NONPJ	matrix spike dup, rec	2/21/2019	Pesticide	Demeton-S	n/a	=	197	%	EPA 525.2m	-88	-88	0.1	207	IL
2018/19-4	000NONPJ	matrix spike, RPD	2/21/2019	Pesticide	Demeton-S	n/a	=	32	%	EPA 525.2m	-88	-88	0	30	IL
2018/19-4	Lab	method blank	2/21/2019	Pesticide	Demeton-S	n/a	<	0.01	µg/L	EPA 525.2m	0.01	0.01			
2018/19-4	Lab	LCS	2/21/2019	Pesticide	Demeton-S	n/a	=	0.0571	µg/L	EPA 525.2m	0.01	0.01			
2018/19-4	Lab	LCS, rec	2/21/2019	Pesticide	Demeton-S	n/a	=	114	%	EPA 525.2m	-88	-88	0.1	213	
2018/19-4	000NONPJ	matrix spike	2/21/2019	Pesticide	Diazinon	n/a	=	0.0812	µg/L	EPA 525.2m	0.01	0.02			IL
2018/19-4	000NONPJ	matrix spike, rec	2/21/2019	Pesticide	Diazinon	n/a	=	81	%	EPA 525.2m	-88	-88	36	153	IL
2018/19-4	000NONPJ	matrix spike dup	2/21/2019	Pesticide	Diazinon	n/a	=	0.12	µg/L	EPA 525.2m	0.01	0.02			IL
2018/19-4	000NONPJ	matrix spike dup, rec	2/21/2019	Pesticide	Diazinon	n/a	=	120	%	EPA 525.2m	-88	-88	36	153	IL
2018/19-4	000NONPJ	matrix spike, RPD	2/21/2019	Pesticide	Diazinon	n/a	=	39	%	EPA 525.2m	-88	-88	0	30	IL
2018/19-4	Lab	method blank	2/20/2019	Pesticide	Diazinon	n/a	<	0.096	µg/L	EPA 525.2	0.096	0.1			
2018/19-4	Lab	LCS	2/20/2019	Pesticide	Diazinon	n/a	=	4.31	µg/L	EPA 525.2	0.096	0.1			
2018/19-4	Lab	LCS, rec	2/20/2019	Pesticide	Diazinon	n/a	=	86	%	EPA 525.2	-88	-88	50	120	
2018/19-4	Lab	LCS dup	2/20/2019	Pesticide	Diazinon	n/a	=	4.87	µg/L	EPA 525.2	0.096	0.1			
2018/19-4	Lab	LCS dup, rec	2/20/2019	Pesticide	Diazinon	n/a	=	97	%	EPA 525.2	-88	-88	50	120	
2018/19-4	Lab	LCS, RPD	2/20/2019	Pesticide	Diazinon	n/a	=	12	%	EPA 525.2	-88	-88	0	30	
2018/19-4	Lab	method blank	2/21/2019	Pesticide	Diazinon	n/a	<	0.0052	µg/L	EPA 525.2m	0.0052	0.01			
2018/19-4	Lab	LCS	2/21/2019	Pesticide	Diazinon	n/a	=	0.0433	µg/L	EPA 525.2m	0.0052	0.01			
2018/19-4	Lab	LCS, rec	2/21/2019	Pesticide	Diazinon	n/a	=	87	%	EPA 525.2m	-88	-88	43	152	
2018/19-4	000NONPJ	matrix spike	2/20/2019	Pesticide	Dicamba	n/a	=	8.81	µg/L	EPA 515.3	0.12	0.6			
2018/19-4	000NONPJ	matrix spike, rec	2/20/2019	Pesticide	Dicamba	n/a	=	110	%	EPA 515.3	-88	-88	70	130	
2018/19-4	000NONPJ	matrix spike dup	2/20/2019	Pesticide	Dicamba	n/a	=	8.44	µg/L	EPA 515.3	0.12	0.6			
2018/19-4	000NONPJ	matrix spike dup, rec	2/20/2019	Pesticide	Dicamba	n/a	=	106	%	EPA 515.3	-88	-88	70	130	
2018/19-4	000NONPJ	matrix spike, RPD	2/20/2019	Pesticide	Dicamba	n/a	=	4	%	EPA 515.3	-88	-88	0	30	

Appendix F
Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2018/19-4	000NONPJ	matrix spike	2/20/2019	Pesticide	Dicamba	n/a	=	8.61	µg/L	EPA 515.3	0.12	0.6			
2018/19-4	000NONPJ	matrix spike, rec	2/20/2019	Pesticide	Dicamba	n/a	=	108	%	EPA 515.3	-88	-88	70	130	
2018/19-4	000NONPJ	matrix spike dup	2/20/2019	Pesticide	Dicamba	n/a	=	7.81	µg/L	EPA 515.3	0.12	0.6			
2018/19-4	000NONPJ	matrix spike dup, rec	2/20/2019	Pesticide	Dicamba	n/a	=	98	%	EPA 515.3	-88	-88	70	130	
2018/19-4	000NONPJ	matrix spike, RPD	2/20/2019	Pesticide	Dicamba	n/a	=	10	%	EPA 515.3	-88	-88	0	30	
2018/19-4	Lab	method blank	2/20/2019	Pesticide	Dicamba	n/a	<	0.12	µg/L	EPA 515.3	0.12	0.6			
2018/19-4	Lab	LCS	2/20/2019	Pesticide	Dicamba	n/a	=	8.16	µg/L	EPA 515.3	0.12	0.6			
2018/19-4	Lab	LCS, rec	2/20/2019	Pesticide	Dicamba	n/a	=	102	%	EPA 515.3	-88	-88	70	130	
2018/19-4	000NONPJ	matrix spike	2/20/2019	Pesticide	Dichlorprop	n/a	=	8.93	µg/L	EPA 515.3	0.08	0.3			
2018/19-4	000NONPJ	matrix spike, rec	2/20/2019	Pesticide	Dichlorprop	n/a	=	112	%	EPA 515.3	-88	-88	70	130	
2018/19-4	000NONPJ	matrix spike dup	2/20/2019	Pesticide	Dichlorprop	n/a	=	8.46	µg/L	EPA 515.3	0.08	0.3			
2018/19-4	000NONPJ	matrix spike dup, rec	2/20/2019	Pesticide	Dichlorprop	n/a	=	106	%	EPA 515.3	-88	-88	70	130	
2018/19-4	000NONPJ	matrix spike, RPD	2/20/2019	Pesticide	Dichlorprop	n/a	=	5	%	EPA 515.3	-88	-88	0	30	
2018/19-4	000NONPJ	matrix spike	2/20/2019	Pesticide	Dichlorprop	n/a	=	8.4	µg/L	EPA 515.3	0.08	0.3			
2018/19-4	000NONPJ	matrix spike, rec	2/20/2019	Pesticide	Dichlorprop	n/a	=	105	%	EPA 515.3	-88	-88	70	130	
2018/19-4	000NONPJ	matrix spike dup	2/20/2019	Pesticide	Dichlorprop	n/a	=	7.88	µg/L	EPA 515.3	0.08	0.3			
2018/19-4	000NONPJ	matrix spike dup, rec	2/20/2019	Pesticide	Dichlorprop	n/a	=	99	%	EPA 515.3	-88	-88	70	130	
2018/19-4	000NONPJ	matrix spike, RPD	2/20/2019	Pesticide	Dichlorprop	n/a	=	6	%	EPA 515.3	-88	-88	0	30	
2018/19-4	Lab	method blank	2/20/2019	Pesticide	Dichlorprop	n/a	<	0.08	µg/L	EPA 515.3	0.08	0.3			
2018/19-4	Lab	LCS	2/20/2019	Pesticide	Dichlorprop	n/a	=	8.54	µg/L	EPA 515.3	0.08	0.3			
2018/19-4	Lab	LCS, rec	2/20/2019	Pesticide	Dichlorprop	n/a	=	107	%	EPA 515.3	-88	-88	70	130	
2018/19-4	000NONPJ	matrix spike	2/21/2019	Pesticide	Dichlorvos	n/a	=	0.107	µg/L	EPA 525.2m	0.0058	0.02			
2018/19-4	000NONPJ	matrix spike, rec	2/21/2019	Pesticide	Dichlorvos	n/a	=	107	%	EPA 525.2m	-88	-88	42	137	
2018/19-4	000NONPJ	matrix spike dup	2/21/2019	Pesticide	Dichlorvos	n/a	=	0.118	µg/L	EPA 525.2m	0.0058	0.02			
2018/19-4	000NONPJ	matrix spike dup, rec	2/21/2019	Pesticide	Dichlorvos	n/a	=	118	%	EPA 525.2m	-88	-88	42	137	
2018/19-4	000NONPJ	matrix spike, RPD	2/21/2019	Pesticide	Dichlorvos	n/a	=	10	%	EPA 525.2m	-88	-88	0	30	
2018/19-4	Lab	method blank	2/21/2019	Pesticide	Dichlorvos	n/a	<	0.0029	µg/L	EPA 525.2m	0.0029	0.01			
2018/19-4	Lab	LCS	2/21/2019	Pesticide	Dichlorvos	n/a	=	0.0477	µg/L	EPA 525.2m	0.0029	0.01			
2018/19-4	Lab	LCS, rec	2/21/2019	Pesticide	Dichlorvos	n/a	=	95	%	EPA 525.2m	-88	-88	46	133	
2018/19-4	000NONPJ	matrix spike	3/14/2019	Pesticide	Dieldrin	n/a	DNQ	0.23	µg/L	EPA 608	0.21	1			
2018/19-4	000NONPJ	matrix spike, rec	3/14/2019	Pesticide	Dieldrin	n/a	=	46	%	EPA 608	-88	-88	27	132	
2018/19-4	000NONPJ	matrix spike dup	3/14/2019	Pesticide	Dieldrin	n/a	DNQ	0.201	µg/L	EPA 608	0	1			
2018/19-4	000NONPJ	matrix spike dup, rec	3/14/2019	Pesticide	Dieldrin	n/a	=	40	%	EPA 608	-88	-88	27	132	
2018/19-4	000NONPJ	matrix spike, RPD	3/14/2019	Pesticide	Dieldrin	n/a	=	13	%	EPA 608	-88	-88	0	30	
2018/19-4	Lab	method blank	3/14/2019	Pesticide	Dieldrin	n/a	<	0.0021	µg/L	EPA 608	0.0021	0.01			
2018/19-4	Lab	LCS	3/14/2019	Pesticide	Dieldrin	n/a	=	0.111	µg/L	EPA 608	0.0021	0.01			
2018/19-4	Lab	LCS, rec	3/14/2019	Pesticide	Dieldrin	n/a	=	111	%	EPA 608	-88	-88	48	123	
2018/19-4	000NONPJ	matrix spike	2/21/2019	Pesticide	Dimethoate	n/a	=	0.133	µg/L	EPA 525.2m	0.012	0.02			IL
2018/19-4	000NONPJ	matrix spike, rec	2/21/2019	Pesticide	Dimethoate	n/a	=	133	%	EPA 525.2m	-88	-88	4	222	IL
2018/19-4	000NONPJ	matrix spike dup	2/21/2019	Pesticide	Dimethoate	n/a	=	0.205	µg/L	EPA 525.2m	0.012	0.02			IL
2018/19-4	000NONPJ	matrix spike dup, rec	2/21/2019	Pesticide	Dimethoate	n/a	=	205	%	EPA 525.2m	-88	-88	4	222	IL
2018/19-4	000NONPJ	matrix spike, RPD	2/21/2019	Pesticide	Dimethoate	n/a	=	43	%	EPA 525.2m	-88	-88	0	30	IL
2018/19-4	Lab	method blank	2/20/2019	Pesticide	Dimethoate	n/a	<	0.024	µg/L	EPA 525.2	0.024	0.2			
2018/19-4	Lab	LCS	2/20/2019	Pesticide	Dimethoate	n/a	=	3.7	µg/L	EPA 525.2	0.024	0.2			
2018/19-4	Lab	LCS, rec	2/20/2019	Pesticide	Dimethoate	n/a	=	74	%	EPA 525.2	-88	-88	50	120	
2018/19-4	Lab	LCS dup	2/20/2019	Pesticide	Dimethoate	n/a	=	3.98	µg/L	EPA 525.2	0.024	0.2			
2018/19-4	Lab	LCS dup, rec	2/20/2019	Pesticide	Dimethoate	n/a	=	80	%	EPA 525.2	-88	-88	50	120	

Appendix F
Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2018/19-4	Lab	LCS, RPD	2/20/2019	Pesticide	Dimethoate	n/a	=	8	%	EPA 525.2	-88	-88	0	30	
2018/19-4	Lab	method blank	2/21/2019	Pesticide	Dimethoate	n/a	<	0.0062	µg/L	EPA 525.2m	0.0062	0.01			
2018/19-4	Lab	LCS	2/21/2019	Pesticide	Dimethoate	n/a	=	0.0588	µg/L	EPA 525.2m	0.0062	0.01			
2018/19-4	Lab	LCS, rec	2/21/2019	Pesticide	Dimethoate	n/a	=	118	%	EPA 525.2m	-88	-88	10	234	
2018/19-4	000NONPJ	matrix spike	2/20/2019	Pesticide	Dinoseb	n/a	=	4.22	µg/L	EPA 515.3	0.14	0.4			
2018/19-4	000NONPJ	matrix spike, rec	2/20/2019	Pesticide	Dinoseb	n/a	=	105	%	EPA 515.3	-88	-88	70	130	
2018/19-4	000NONPJ	matrix spike dup	2/20/2019	Pesticide	Dinoseb	n/a	=	4.04	µg/L	EPA 515.3	0.14	0.4			
2018/19-4	000NONPJ	matrix spike dup, rec	2/20/2019	Pesticide	Dinoseb	n/a	=	101	%	EPA 515.3	-88	-88	70	130	
2018/19-4	000NONPJ	matrix spike, RPD	2/20/2019	Pesticide	Dinoseb	n/a	=	4	%	EPA 515.3	-88	-88	0	30	
2018/19-4	000NONPJ	matrix spike	2/20/2019	Pesticide	Dinoseb	n/a	=	4.16	µg/L	EPA 515.3	0.14	0.4			
2018/19-4	000NONPJ	matrix spike, rec	2/20/2019	Pesticide	Dinoseb	n/a	=	104	%	EPA 515.3	-88	-88	70	130	
2018/19-4	000NONPJ	matrix spike dup	2/20/2019	Pesticide	Dinoseb	n/a	=	3.83	µg/L	EPA 515.3	0.14	0.4			
2018/19-4	000NONPJ	matrix spike dup, rec	2/20/2019	Pesticide	Dinoseb	n/a	=	96	%	EPA 515.3	-88	-88	70	130	
2018/19-4	000NONPJ	matrix spike, RPD	2/20/2019	Pesticide	Dinoseb	n/a	=	8	%	EPA 515.3	-88	-88	0	30	
2018/19-4	Lab	method blank	2/20/2019	Pesticide	Dinoseb	n/a	<	0.14	µg/L	EPA 515.3	0.14	0.4			
2018/19-4	Lab	LCS	2/20/2019	Pesticide	Dinoseb	n/a	=	4.14	µg/L	EPA 515.3	0.14	0.4			
2018/19-4	Lab	LCS, rec	2/20/2019	Pesticide	Dinoseb	n/a	=	104	%	EPA 515.3	-88	-88	70	130	
2018/19-4	Lab	method blank	2/20/2019	Pesticide	Diphenamid	n/a	<	0.024	µg/L	EPA 525.2	0.024	0.1			
2018/19-4	Lab	LCS	2/20/2019	Pesticide	Diphenamid	n/a	=	5.15	µg/L	EPA 525.2	0.024	0.1			
2018/19-4	Lab	LCS, rec	2/20/2019	Pesticide	Diphenamid	n/a	=	103	%	EPA 525.2	-88	-88	70	130	
2018/19-4	Lab	LCS dup	2/20/2019	Pesticide	Diphenamid	n/a	=	5.55	µg/L	EPA 525.2	0.024	0.1			
2018/19-4	Lab	LCS dup, rec	2/20/2019	Pesticide	Diphenamid	n/a	=	111	%	EPA 525.2	-88	-88	70	130	
2018/19-4	Lab	LCS, RPD	2/20/2019	Pesticide	Diphenamid	n/a	=	8	%	EPA 525.2	-88	-88	0	30	
2018/19-4	000NONPJ	matrix spike	2/21/2019	Pesticide	Disulfoton	n/a	=	0.107	µg/L	EPA 525.2m	0.02	0.02			
2018/19-4	000NONPJ	matrix spike, rec	2/21/2019	Pesticide	Disulfoton	n/a	=	107	%	EPA 525.2m	-88	-88	12	199	
2018/19-4	000NONPJ	matrix spike dup	2/21/2019	Pesticide	Disulfoton	n/a	=	0.124	µg/L	EPA 525.2m	0.02	0.02			
2018/19-4	000NONPJ	matrix spike dup, rec	2/21/2019	Pesticide	Disulfoton	n/a	=	124	%	EPA 525.2m	-88	-88	12	199	
2018/19-4	000NONPJ	matrix spike, RPD	2/21/2019	Pesticide	Disulfoton	n/a	=	15	%	EPA 525.2m	-88	-88	0	30	
2018/19-4	Lab	method blank	2/20/2019	Pesticide	Disulfoton	n/a	<	0.031	µg/L	EPA 525.2	0.031	0.1			
2018/19-4	Lab	LCS	2/20/2019	Pesticide	Disulfoton	n/a	=	3.82	µg/L	EPA 525.2	0.031	0.1			
2018/19-4	Lab	LCS, rec	2/20/2019	Pesticide	Disulfoton	n/a	=	76	%	EPA 525.2	-88	-88	50	120	
2018/19-4	Lab	LCS dup	2/20/2019	Pesticide	Disulfoton	n/a	=	3.8	µg/L	EPA 525.2	0.031	0.1			
2018/19-4	Lab	LCS dup, rec	2/20/2019	Pesticide	Disulfoton	n/a	=	76	%	EPA 525.2	-88	-88	50	120	
2018/19-4	Lab	LCS, RPD	2/20/2019	Pesticide	Disulfoton	n/a	=	0.6	%	EPA 525.2	-88	-88	0	30	
2018/19-4	Lab	method blank	2/21/2019	Pesticide	Disulfoton	n/a	<	0.01	µg/L	EPA 525.2m	0.01	0.01			
2018/19-4	Lab	LCS	2/21/2019	Pesticide	Disulfoton	n/a	=	0.0397	µg/L	EPA 525.2m	0.01	0.01			
2018/19-4	Lab	LCS, rec	2/21/2019	Pesticide	Disulfoton	n/a	=	79	%	EPA 525.2m	-88	-88	0.1	212	
2018/19-4	000NONPJ	matrix spike	3/14/2019	Pesticide	Endosulfan I	n/a	DNQ	0.351	µg/L	EPA 608	0.17	2			
2018/19-4	000NONPJ	matrix spike, rec	3/14/2019	Pesticide	Endosulfan I	n/a	=	70	%	EPA 608	-88	-88	0.1	140	
2018/19-4	000NONPJ	matrix spike dup	3/14/2019	Pesticide	Endosulfan I	n/a	DNQ	0.335	µg/L	EPA 608	0.17	2			
2018/19-4	000NONPJ	matrix spike dup, rec	3/14/2019	Pesticide	Endosulfan I	n/a	=	67	%	EPA 608	-88	-88	0.1	140	
2018/19-4	000NONPJ	matrix spike, RPD	3/14/2019	Pesticide	Endosulfan I	n/a	=	5	%	EPA 608	-88	-88	0	30	
2018/19-4	Lab	method blank	3/14/2019	Pesticide	Endosulfan I	n/a	<	0.0017	µg/L	EPA 608	0.0017	0.02			
2018/19-4	Lab	LCS	3/14/2019	Pesticide	Endosulfan I	n/a	=	0.0993	µg/L	EPA 608	0.0017	0.02			
2018/19-4	Lab	LCS, rec	3/14/2019	Pesticide	Endosulfan I	n/a	=	99	%	EPA 608	-88	-88	14	131	
2018/19-4	000NONPJ	matrix spike	3/14/2019	Pesticide	Endosulfan II	n/a	DNQ	0.374	µg/L	EPA 608	0.19	1			
2018/19-4	000NONPJ	matrix spike, rec	3/14/2019	Pesticide	Endosulfan II	n/a	=	75	%	EPA 608	-88	-88	17	122	

Appendix F
Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2018/19-4	000NONPJ	matrix spike dup	3/14/2019	Pesticide	Endosulfan II	n/a	DNQ	0.353	µg/L	EPA 608	0.19	1			
2018/19-4	000NONPJ	matrix spike dup, rec	3/14/2019	Pesticide	Endosulfan II	n/a	=	71	%	EPA 608	-88	-88	17	122	
2018/19-4	000NONPJ	matrix spike, RPD	3/14/2019	Pesticide	Endosulfan II	n/a	=	6	%	EPA 608	-88	-88	0	30	
2018/19-4	Lab	method blank	3/14/2019	Pesticide	Endosulfan II	n/a	<	0.0019	µg/L	EPA 608	0.0019	0.01			
2018/19-4	Lab	LCS	3/14/2019	Pesticide	Endosulfan II	n/a	=	0.111	µg/L	EPA 608	0.0019	0.01			
2018/19-4	Lab	LCS, rec	3/14/2019	Pesticide	Endosulfan II	n/a	=	111	%	EPA 608	-88	-88	40	121	
2018/19-4	000NONPJ	matrix spike	3/14/2019	Pesticide	Endosulfan sulfate	n/a	DNQ	0.463	µg/L	EPA 608	0	5			
2018/19-4	000NONPJ	matrix spike, rec	3/14/2019	Pesticide	Endosulfan sulfate	n/a	=	93	%	EPA 608	-88	-88	37	131	
2018/19-4	000NONPJ	matrix spike dup	3/14/2019	Pesticide	Endosulfan sulfate	n/a	DNQ	0.436	µg/L	EPA 608	0	5			
2018/19-4	000NONPJ	matrix spike dup, rec	3/14/2019	Pesticide	Endosulfan sulfate	n/a	=	87	%	EPA 608	-88	-88	37	131	
2018/19-4	000NONPJ	matrix spike, RPD	3/14/2019	Pesticide	Endosulfan sulfate	n/a	=	6	%	EPA 608	-88	-88	0	30	
2018/19-4	Lab	method blank	3/14/2019	Pesticide	Endosulfan sulfate	n/a	<	0.008	µg/L	EPA 608	0.008	0.05			
2018/19-4	Lab	LCS	3/14/2019	Pesticide	Endosulfan sulfate	n/a	=	0.128	µg/L	EPA 608	0.008	0.05			
2018/19-4	Lab	LCS, rec	3/14/2019	Pesticide	Endosulfan sulfate	n/a	=	128	%	EPA 608	-88	-88	44	140	
2018/19-4	000NONPJ	matrix spike	3/14/2019	Pesticide	Endrin	n/a	DNQ	0.509	µg/L	EPA 608	0.28	1			
2018/19-4	000NONPJ	matrix spike, rec	3/14/2019	Pesticide	Endrin	n/a	=	102	%	EPA 608	-88	-88	42	144	
2018/19-4	000NONPJ	matrix spike dup	3/14/2019	Pesticide	Endrin	n/a	DNQ	0.486	µg/L	EPA 608	0.28	1			
2018/19-4	000NONPJ	matrix spike dup, rec	3/14/2019	Pesticide	Endrin	n/a	=	97	%	EPA 608	-88	-88	42	144	
2018/19-4	000NONPJ	matrix spike, RPD	3/14/2019	Pesticide	Endrin	n/a	=	5	%	EPA 608	-88	-88	0	30	
2018/19-4	Lab	method blank	3/14/2019	Pesticide	Endrin	n/a	<	0.0028	µg/L	EPA 608	0.0028	0.01			
2018/19-4	Lab	LCS	3/14/2019	Pesticide	Endrin	n/a	=	0.146	µg/L	EPA 608	0.0028	0.01			EUM
2018/19-4	Lab	LCS, rec	3/14/2019	Pesticide	Endrin	n/a	=	146	%	EPA 608	-88	-88	40	143	EUM
2018/19-4	000NONPJ	matrix spike	3/14/2019	Pesticide	Endrin aldehyde	n/a	DNQ	0.0493	µg/L	EPA 608	0	1			GB,IL
2018/19-4	000NONPJ	matrix spike, rec	3/14/2019	Pesticide	Endrin aldehyde	n/a	=	10	%	EPA 608	-88	-88	11	113	GB,IL
2018/19-4	000NONPJ	matrix spike dup	3/14/2019	Pesticide	Endrin aldehyde	n/a	<	0.3	µg/L	EPA 608	0.3	1			GB,IL
2018/19-4	000NONPJ	matrix spike dup, rec	3/14/2019	Pesticide	Endrin aldehyde	n/a	=	0	%	EPA 608	-88	-88	11	113	GB,IL
2018/19-4	000NONPJ	matrix spike, RPD	3/14/2019	Pesticide	Endrin aldehyde	n/a	=	200	%	EPA 608	-88	-88	0	30	GB,IL
2018/19-4	Lab	method blank	3/14/2019	Pesticide	Endrin aldehyde	n/a	<	0.003	µg/L	EPA 608	0.003	0.01			
2018/19-4	Lab	LCS	3/14/2019	Pesticide	Endrin aldehyde	n/a	=	0.117	µg/L	EPA 608	0.003	0.01			
2018/19-4	Lab	LCS, rec	3/14/2019	Pesticide	Endrin aldehyde	n/a	=	117	%	EPA 608	-88	-88	18	136	
2018/19-4	Lab	method blank	2/20/2019	Pesticide	EPTC	n/a	<	0.017	µg/L	EPA 525.2	0.017	1			
2018/19-4	Lab	LCS	2/20/2019	Pesticide	EPTC	n/a	=	4.71	µg/L	EPA 525.2	0.017	1			
2018/19-4	Lab	LCS, rec	2/20/2019	Pesticide	EPTC	n/a	=	94	%	EPA 525.2	-88	-88	70	130	
2018/19-4	Lab	LCS dup	2/20/2019	Pesticide	EPTC	n/a	=	4.99	µg/L	EPA 525.2	0.017	1			
2018/19-4	Lab	LCS dup, rec	2/20/2019	Pesticide	EPTC	n/a	=	100	%	EPA 525.2	-88	-88	70	130	
2018/19-4	Lab	LCS, RPD	2/20/2019	Pesticide	EPTC	n/a	=	6	%	EPA 525.2	-88	-88	0	30	
2018/19-4	000NONPJ	matrix spike	2/21/2019	Pesticide	Ethoprop	n/a	=	0.122	µg/L	EPA 525.2m	0.013	0.02			
2018/19-4	000NONPJ	matrix spike, rec	2/21/2019	Pesticide	Ethoprop	n/a	=	122	%	EPA 525.2m	-88	-88	51	167	
2018/19-4	000NONPJ	matrix spike dup	2/21/2019	Pesticide	Ethoprop	n/a	=	0.159	µg/L	EPA 525.2m	0.013	0.02			
2018/19-4	000NONPJ	matrix spike dup, rec	2/21/2019	Pesticide	Ethoprop	n/a	=	159	%	EPA 525.2m	-88	-88	51	167	
2018/19-4	000NONPJ	matrix spike, RPD	2/21/2019	Pesticide	Ethoprop	n/a	=	27	%	EPA 525.2m	-88	-88	0	30	
2018/19-4	Lab	method blank	2/21/2019	Pesticide	Ethoprop	n/a	<	0.0067	µg/L	EPA 525.2m	0.0067	0.01			
2018/19-4	Lab	LCS	2/21/2019	Pesticide	Ethoprop	n/a	=	0.0508	µg/L	EPA 525.2m	0.0067	0.01			
2018/19-4	Lab	LCS, rec	2/21/2019	Pesticide	Ethoprop	n/a	=	102	%	EPA 525.2m	-88	-88	53	163	
2018/19-4	000NONPJ	matrix spike	2/21/2019	Pesticide	Ethyl parathion	n/a	=	0.126	µg/L	EPA 525.2m	0.011	0.02			
2018/19-4	000NONPJ	matrix spike, rec	2/21/2019	Pesticide	Ethyl parathion	n/a	=	126	%	EPA 525.2m	-88	-88	5	229	
2018/19-4	000NONPJ	matrix spike dup	2/21/2019	Pesticide	Ethyl parathion	n/a	=	0.129	µg/L	EPA 525.2m	0.011	0.02			

Appendix F
Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2018/19-4	000NONPJ	matrix spike dup, rec	2/21/2019	Pesticide	Ethyl parathion	n/a	=	129	%	EPA 525.2m	-88	-88	5	229	
2018/19-4	000NONPJ	matrix spike, RPD	2/21/2019	Pesticide	Ethyl parathion	n/a	=	2	%	EPA 525.2m	-88	-88	0	30	
2018/19-4	Lab	method blank	2/21/2019	Pesticide	Ethyl parathion	n/a	<	0.0054	µg/L	EPA 525.2m	0.0054	0.01			
2018/19-4	Lab	LCS	2/21/2019	Pesticide	Ethyl parathion	n/a	=	0.0524	µg/L	EPA 525.2m	0.0054	0.01			
2018/19-4	Lab	LCS, rec	2/21/2019	Pesticide	Ethyl parathion	n/a	=	105	%	EPA 525.2m	-88	-88	7	230	
2018/19-4	000NONPJ	matrix spike	2/21/2019	Pesticide	Fensulfothion	n/a	=	0.11	µg/L	EPA 525.2m	0.0058	0.02			IL
2018/19-4	000NONPJ	matrix spike, rec	2/21/2019	Pesticide	Fensulfothion	n/a	=	110	%	EPA 525.2m	-88	-88	0.1	316	IL
2018/19-4	000NONPJ	matrix spike dup	2/21/2019	Pesticide	Fensulfothion	n/a	=	0.168	µg/L	EPA 525.2m	0.0058	0.02			IL
2018/19-4	000NONPJ	matrix spike dup, rec	2/21/2019	Pesticide	Fensulfothion	n/a	=	168	%	EPA 525.2m	-88	-88	0.1	316	IL
2018/19-4	000NONPJ	matrix spike, RPD	2/21/2019	Pesticide	Fensulfothion	n/a	=	41	%	EPA 525.2m	-88	-88	0	30	IL
2018/19-4	Lab	method blank	2/21/2019	Pesticide	Fensulfothion	n/a	<	0.0029	µg/L	EPA 525.2m	0.0029	0.01			
2018/19-4	Lab	LCS	2/21/2019	Pesticide	Fensulfothion	n/a	=	0.0566	µg/L	EPA 525.2m	0.0029	0.01			
2018/19-4	Lab	LCS, rec	2/21/2019	Pesticide	Fensulfothion	n/a	=	113	%	EPA 525.2m	-88	-88	0.1	265	
2018/19-4	000NONPJ	matrix spike	2/21/2019	Pesticide	Fenthion	n/a	=	0.134	µg/L	EPA 525.2m	0.0076	0.02			
2018/19-4	000NONPJ	matrix spike, rec	2/21/2019	Pesticide	Fenthion	n/a	=	134	%	EPA 525.2m	-88	-88	23	169	
2018/19-4	000NONPJ	matrix spike dup	2/21/2019	Pesticide	Fenthion	n/a	=	0.158	µg/L	EPA 525.2m	0.0076	0.02			
2018/19-4	000NONPJ	matrix spike dup, rec	2/21/2019	Pesticide	Fenthion	n/a	=	158	%	EPA 525.2m	-88	-88	23	169	
2018/19-4	000NONPJ	matrix spike, RPD	2/21/2019	Pesticide	Fenthion	n/a	=	17	%	EPA 525.2m	-88	-88	0	30	
2018/19-4	Lab	method blank	2/21/2019	Pesticide	Fenthion	n/a	<	0.0038	µg/L	EPA 525.2m	0.0038	0.01			
2018/19-4	Lab	LCS	2/21/2019	Pesticide	Fenthion	n/a	=	0.0484	µg/L	EPA 525.2m	0.0038	0.01			
2018/19-4	Lab	LCS, rec	2/21/2019	Pesticide	Fenthion	n/a	=	97	%	EPA 525.2m	-88	-88	20	177	
2018/19-4	000NONPJ	matrix spike	3/14/2019	Pesticide	gamma-BHC (Lindane)	n/a	DNQ	0.478	µg/L	EPA 608	0.21	2			
2018/19-4	000NONPJ	matrix spike, rec	3/14/2019	Pesticide	gamma-BHC (Lindane)	n/a	=	96	%	EPA 608	-88	-88	33	112	
2018/19-4	000NONPJ	matrix spike dup	3/14/2019	Pesticide	gamma-BHC (Lindane)	n/a	DNQ	0.466	µg/L	EPA 608	0.21	2			
2018/19-4	000NONPJ	matrix spike dup, rec	3/14/2019	Pesticide	gamma-BHC (Lindane)	n/a	=	93	%	EPA 608	-88	-88	33	112	
2018/19-4	000NONPJ	matrix spike, RPD	3/14/2019	Pesticide	gamma-BHC (Lindane)	n/a	=	3	%	EPA 608	-88	-88	0	30	
2018/19-4	Lab	method blank	3/14/2019	Pesticide	gamma-BHC (Lindane)	n/a	<	0.0021	µg/L	EPA 608	0.0021	0.02			
2018/19-4	Lab	LCS	3/14/2019	Pesticide	gamma-BHC (Lindane)	n/a	=	0.107	µg/L	EPA 608	0.0021	0.02			
2018/19-4	Lab	LCS, rec	3/14/2019	Pesticide	gamma-BHC (Lindane)	n/a	=	107	%	EPA 608	-88	-88	49	117	
2018/19-4	000NONPJ	matrix spike	2/6/2019	Pesticide	Glyphosate	n/a	=	26.8	µg/L	EPA 547	1.8	5			
2018/19-4	000NONPJ	matrix spike, rec	2/6/2019	Pesticide	Glyphosate	n/a	=	107	%	EPA 547	-88	-88	41	149	
2018/19-4	000NONPJ	matrix spike dup	2/6/2019	Pesticide	Glyphosate	n/a	=	24.5	µg/L	EPA 547	1.8	5			
2018/19-4	000NONPJ	matrix spike dup, rec	2/6/2019	Pesticide	Glyphosate	n/a	=	98	%	EPA 547	-88	-88	41	149	
2018/19-4	000NONPJ	matrix spike, RPD	2/6/2019	Pesticide	Glyphosate	n/a	=	9	%	EPA 547	-88	-88	0	30	
2018/19-4	000NONPJ	matrix spike	2/6/2019	Pesticide	Glyphosate	n/a	=	25	µg/L	EPA 547	1.8	5			
2018/19-4	000NONPJ	matrix spike, rec	2/6/2019	Pesticide	Glyphosate	n/a	=	100	%	EPA 547	-88	-88	41	149	
2018/19-4	000NONPJ	matrix spike dup	2/6/2019	Pesticide	Glyphosate	n/a	=	22.2	µg/L	EPA 547	1.8	5			
2018/19-4	000NONPJ	matrix spike dup, rec	2/6/2019	Pesticide	Glyphosate	n/a	=	89	%	EPA 547	-88	-88	41	149	
2018/19-4	000NONPJ	matrix spike, RPD	2/6/2019	Pesticide	Glyphosate	n/a	=	12	%	EPA 547	-88	-88	0	30	
2018/19-4	Lab	method blank	2/6/2019	Pesticide	Glyphosate	n/a	<	1.8	µg/L	EPA 547	1.8	5			
2018/19-4	Lab	LCS	2/6/2019	Pesticide	Glyphosate	n/a	=	23.8	µg/L	EPA 547	1.8	5			
2018/19-4	Lab	LCS, rec	2/6/2019	Pesticide	Glyphosate	n/a	=	95	%	EPA 547	-88	-88	70	130	
2018/19-4	000NONPJ	matrix spike	3/14/2019	Pesticide	Heptachlor	n/a	DNQ	0.457	µg/L	EPA 608	0.17	1			
2018/19-4	000NONPJ	matrix spike, rec	3/14/2019	Pesticide	Heptachlor	n/a	=	91	%	EPA 608	-88	-88	28	131	
2018/19-4	000NONPJ	matrix spike dup	3/14/2019	Pesticide	Heptachlor	n/a	DNQ	0.439	µg/L	EPA 608	0.17	1			
2018/19-4	000NONPJ	matrix spike dup, rec	3/14/2019	Pesticide	Heptachlor	n/a	=	88	%	EPA 608	-88	-88	28	131	
2018/19-4	000NONPJ	matrix spike, RPD	3/14/2019	Pesticide	Heptachlor	n/a	=	4	%	EPA 608	-88	-88	0	30	

Appendix F
Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2018/19-4	Lab	method blank	3/14/2019	Pesticide	Heptachlor	n/a	<	0.0017	µg/L	EPA 608	0.0017	0.01			
2018/19-4	Lab	LCS	3/14/2019	Pesticide	Heptachlor	n/a	=	0.106	µg/L	EPA 608	0.0017	0.01			
2018/19-4	Lab	LCS, rec	3/14/2019	Pesticide	Heptachlor	n/a	=	106	%	EPA 608	-88	-88	31	130	
2018/19-4	000NONPJ	matrix spike	3/14/2019	Pesticide	Heptachlor epoxide	n/a	DNQ	0.382	µg/L	EPA 608	0.19	1			
2018/19-4	000NONPJ	matrix spike, rec	3/14/2019	Pesticide	Heptachlor epoxide	n/a	=	76	%	EPA 608	-88	-88	36	117	
2018/19-4	000NONPJ	matrix spike dup	3/14/2019	Pesticide	Heptachlor epoxide	n/a	DNQ	0.365	µg/L	EPA 608	0.19	1			
2018/19-4	000NONPJ	matrix spike dup, rec	3/14/2019	Pesticide	Heptachlor epoxide	n/a	=	73	%	EPA 608	-88	-88	36	117	
2018/19-4	000NONPJ	matrix spike, RPD	3/14/2019	Pesticide	Heptachlor epoxide	n/a	=	5	%	EPA 608	-88	-88	0	30	
2018/19-4	Lab	method blank	3/14/2019	Pesticide	Heptachlor epoxide	n/a	<	0.0019	µg/L	EPA 608	0.0019	0.01			
2018/19-4	Lab	LCS	3/14/2019	Pesticide	Heptachlor epoxide	n/a	=	0.105	µg/L	EPA 608	0.0019	0.01			
2018/19-4	Lab	LCS, rec	3/14/2019	Pesticide	Heptachlor epoxide	n/a	=	105	%	EPA 608	-88	-88	49	122	
2018/19-4	000NONPJ	matrix spike	2/21/2019	Pesticide	Malathion	n/a	=	0.126	µg/L	EPA 525.2m	0.015	0.02			
2018/19-4	000NONPJ	matrix spike, rec	2/21/2019	Pesticide	Malathion	n/a	=	126	%	EPA 525.2m	-88	-88	6	184	
2018/19-4	000NONPJ	matrix spike dup	2/21/2019	Pesticide	Malathion	n/a	=	0.147	µg/L	EPA 525.2m	0.015	0.02			
2018/19-4	000NONPJ	matrix spike dup, rec	2/21/2019	Pesticide	Malathion	n/a	=	147	%	EPA 525.2m	-88	-88	6	184	
2018/19-4	000NONPJ	matrix spike, RPD	2/21/2019	Pesticide	Malathion	n/a	=	15	%	EPA 525.2m	-88	-88	0	30	
2018/19-4	Lab	method blank	2/21/2019	Pesticide	Malathion	n/a	<	0.0076	µg/L	EPA 525.2m	0.0076	0.01			
2018/19-4	Lab	LCS	2/21/2019	Pesticide	Malathion	n/a	=	0.0516	µg/L	EPA 525.2m	0.0076	0.01			
2018/19-4	Lab	LCS, rec	2/21/2019	Pesticide	Malathion	n/a	=	103	%	EPA 525.2m	-88	-88	14	175	
2018/19-4	000NONPJ	matrix spike	2/21/2019	Pesticide	Merphos	n/a	=	0.19	µg/L	EPA 525.2m	0.012	0.02			IL
2018/19-4	000NONPJ	matrix spike, rec	2/21/2019	Pesticide	Merphos	n/a	=	190	%	EPA 525.2m	-88	-88	3	210	IL
2018/19-4	000NONPJ	matrix spike dup	2/21/2019	Pesticide	Merphos	n/a	=	0.332	µg/L	EPA 525.2m	0.012	0.02			GB,IL
2018/19-4	000NONPJ	matrix spike dup, rec	2/21/2019	Pesticide	Merphos	n/a	=	332	%	EPA 525.2m	-88	-88	3	210	GB,IL
2018/19-4	000NONPJ	matrix spike, RPD	2/21/2019	Pesticide	Merphos	n/a	=	55	%	EPA 525.2m	-88	-88	0	30	GB,IL
2018/19-4	Lab	method blank	2/21/2019	Pesticide	Merphos	n/a	<	0.0058	µg/L	EPA 525.2m	0.0058	0.01			
2018/19-4	Lab	LCS	2/21/2019	Pesticide	Merphos	n/a	=	0.0729	µg/L	EPA 525.2m	0.0058	0.01			
2018/19-4	Lab	LCS, rec	2/21/2019	Pesticide	Merphos	n/a	=	146	%	EPA 525.2m	-88	-88	28	181	
2018/19-4	000NONPJ	matrix spike	2/21/2019	Pesticide	Methyl parathion	n/a	=	0.14	µg/L	EPA 525.2m	0.013	0.02			
2018/19-4	000NONPJ	matrix spike, rec	2/21/2019	Pesticide	Methyl parathion	n/a	=	140	%	EPA 525.2m	-88	-88	0.1	249	
2018/19-4	000NONPJ	matrix spike dup	2/21/2019	Pesticide	Methyl parathion	n/a	=	0.148	µg/L	EPA 525.2m	0.013	0.02			
2018/19-4	000NONPJ	matrix spike dup, rec	2/21/2019	Pesticide	Methyl parathion	n/a	=	148	%	EPA 525.2m	-88	-88	0.1	249	
2018/19-4	000NONPJ	matrix spike, RPD	2/21/2019	Pesticide	Methyl parathion	n/a	=	6	%	EPA 525.2m	-88	-88	0	30	
2018/19-4	Lab	method blank	2/21/2019	Pesticide	Methyl parathion	n/a	<	0.0063	µg/L	EPA 525.2m	0.0063	0.01			
2018/19-4	Lab	LCS	2/21/2019	Pesticide	Methyl parathion	n/a	=	0.0568	µg/L	EPA 525.2m	0.0063	0.01			
2018/19-4	Lab	LCS, rec	2/21/2019	Pesticide	Methyl parathion	n/a	=	114	%	EPA 525.2m	-88	-88	0.1	252	
2018/19-4	Lab	method blank	2/20/2019	Pesticide	Metolachlor	n/a	<	0.012	µg/L	EPA 525.2	0.012	0.1			
2018/19-4	Lab	LCS	2/20/2019	Pesticide	Metolachlor	n/a	=	5.13	µg/L	EPA 525.2	0.012	0.1			
2018/19-4	Lab	LCS, rec	2/20/2019	Pesticide	Metolachlor	n/a	=	103	%	EPA 525.2	-88	-88	60	130	
2018/19-4	Lab	LCS dup	2/20/2019	Pesticide	Metolachlor	n/a	=	5.55	µg/L	EPA 525.2	0.012	0.1			
2018/19-4	Lab	LCS dup, rec	2/20/2019	Pesticide	Metolachlor	n/a	=	111	%	EPA 525.2	-88	-88	60	130	
2018/19-4	Lab	LCS, RPD	2/20/2019	Pesticide	Metolachlor	n/a	=	8	%	EPA 525.2	-88	-88	0	30	
2018/19-4	Lab	method blank	2/20/2019	Pesticide	Metribuzin	n/a	<	0.015	µg/L	EPA 525.2	0.015	0.1			
2018/19-4	Lab	LCS	2/20/2019	Pesticide	Metribuzin	n/a	=	4.98	µg/L	EPA 525.2	0.015	0.1			
2018/19-4	Lab	LCS, rec	2/20/2019	Pesticide	Metribuzin	n/a	=	100	%	EPA 525.2	-88	-88	50	120	
2018/19-4	Lab	LCS dup	2/20/2019	Pesticide	Metribuzin	n/a	=	5.19	µg/L	EPA 525.2	0.015	0.1			
2018/19-4	Lab	LCS dup, rec	2/20/2019	Pesticide	Metribuzin	n/a	=	104	%	EPA 525.2	-88	-88	50	120	
2018/19-4	Lab	LCS, RPD	2/20/2019	Pesticide	Metribuzin	n/a	=	4	%	EPA 525.2	-88	-88	0	30	

Appendix F
Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2018/19-4	000NONPJ	matrix spike	2/21/2019	Pesticide	Mevinphos	n/a	=	0.0881	µg/L	EPA 525.2m	0.0084	0.02			IL
2018/19-4	000NONPJ	matrix spike, rec	2/21/2019	Pesticide	Mevinphos	n/a	=	88	%	EPA 525.2m	-88	-88	25	189	IL
2018/19-4	000NONPJ	matrix spike dup	2/21/2019	Pesticide	Mevinphos	n/a	=	0.152	µg/L	EPA 525.2m	0.0084	0.02			IL
2018/19-4	000NONPJ	matrix spike dup, rec	2/21/2019	Pesticide	Mevinphos	n/a	=	152	%	EPA 525.2m	-88	-88	25	189	IL
2018/19-4	000NONPJ	matrix spike, RPD	2/21/2019	Pesticide	Mevinphos	n/a	=	53	%	EPA 525.2m	-88	-88	0	30	IL
2018/19-4	Lab	method blank	2/21/2019	Pesticide	Mevinphos	n/a	<	0.0042	µg/L	EPA 525.2m	0.0042	0.01			
2018/19-4	Lab	LCS	2/21/2019	Pesticide	Mevinphos	n/a	=	0.0437	µg/L	EPA 525.2m	0.0042	0.01			
2018/19-4	Lab	LCS, rec	2/21/2019	Pesticide	Mevinphos	n/a	=	87	%	EPA 525.2m	-88	-88	14	202	
2018/19-4	Lab	method blank	2/20/2019	Pesticide	Molinate	n/a	<	0.039	µg/L	EPA 525.2	0.039	0.1			
2018/19-4	Lab	LCS	2/20/2019	Pesticide	Molinate	n/a	=	5.08	µg/L	EPA 525.2	0.039	0.1			
2018/19-4	Lab	LCS, rec	2/20/2019	Pesticide	Molinate	n/a	=	102	%	EPA 525.2	-88	-88	70	130	
2018/19-4	Lab	LCS dup	2/20/2019	Pesticide	Molinate	n/a	=	5.29	µg/L	EPA 525.2	0.039	0.1			
2018/19-4	Lab	LCS dup, rec	2/20/2019	Pesticide	Molinate	n/a	=	106	%	EPA 525.2	-88	-88	70	130	
2018/19-4	Lab	LCS, RPD	2/20/2019	Pesticide	Molinate	n/a	=	4	%	EPA 525.2	-88	-88	0	30	
2018/19-4	000NONPJ	matrix spike	2/21/2019	Pesticide	Naled	n/a	=	0.18	µg/L	EPA 525.2m	0.015	0.02			
2018/19-4	000NONPJ	matrix spike, rec	2/21/2019	Pesticide	Naled	n/a	=	180	%	EPA 525.2m	-88	-88	0.1	242	
2018/19-4	000NONPJ	matrix spike dup	2/21/2019	Pesticide	Naled	n/a	=	0.208	µg/L	EPA 525.2m	0.015	0.02			
2018/19-4	000NONPJ	matrix spike dup, rec	2/21/2019	Pesticide	Naled	n/a	=	208	%	EPA 525.2m	-88	-88	0.1	242	
2018/19-4	000NONPJ	matrix spike, RPD	2/21/2019	Pesticide	Naled	n/a	=	14	%	EPA 525.2m	-88	-88	0	30	
2018/19-4	Lab	method blank	2/21/2019	Pesticide	Naled	n/a	<	0.0076	µg/L	EPA 525.2m	0.0076	0.01			
2018/19-4	Lab	LCS	2/21/2019	Pesticide	Naled	n/a	=	0.0574	µg/L	EPA 525.2m	0.0076	0.01			
2018/19-4	Lab	LCS, rec	2/21/2019	Pesticide	Naled	n/a	=	115	%	EPA 525.2m	-88	-88	0.1	240	
2018/19-4	000NONPJ	matrix spike	2/20/2019	Pesticide	Pentachlorophenol	n/a	=	4.31	µg/L	EPA 515.3	0.04	0.2			
2018/19-4	000NONPJ	matrix spike, rec	2/20/2019	Pesticide	Pentachlorophenol	n/a	=	108	%	EPA 515.3	-88	-88	70	130	
2018/19-4	000NONPJ	matrix spike dup	2/20/2019	Pesticide	Pentachlorophenol	n/a	=	4.06	µg/L	EPA 515.3	0.04	0.2			
2018/19-4	000NONPJ	matrix spike dup, rec	2/20/2019	Pesticide	Pentachlorophenol	n/a	=	101	%	EPA 515.3	-88	-88	70	130	
2018/19-4	000NONPJ	matrix spike, RPD	2/20/2019	Pesticide	Pentachlorophenol	n/a	=	6	%	EPA 515.3	-88	-88	0	30	
2018/19-4	000NONPJ	matrix spike	2/20/2019	Pesticide	Pentachlorophenol	n/a	=	4.07	µg/L	EPA 515.3	0.04	0.2			
2018/19-4	000NONPJ	matrix spike, rec	2/20/2019	Pesticide	Pentachlorophenol	n/a	=	102	%	EPA 515.3	-88	-88	70	130	
2018/19-4	000NONPJ	matrix spike dup	2/20/2019	Pesticide	Pentachlorophenol	n/a	=	3.74	µg/L	EPA 515.3	0.04	0.2			
2018/19-4	000NONPJ	matrix spike dup, rec	2/20/2019	Pesticide	Pentachlorophenol	n/a	=	94	%	EPA 515.3	-88	-88	70	130	
2018/19-4	000NONPJ	matrix spike, RPD	2/20/2019	Pesticide	Pentachlorophenol	n/a	=	8	%	EPA 515.3	-88	-88	0	30	
2018/19-4	Lab	method blank	2/15/2019	Pesticide	Pentachlorophenol	n/a	<	0.15	µg/L	EPA 8270C	0.15	1			
2018/19-4	Lab	LCS	2/15/2019	Pesticide	Pentachlorophenol	n/a	=	10.2	µg/L	EPA 8270C	0.15	1			
2018/19-4	Lab	LCS, rec	2/15/2019	Pesticide	Pentachlorophenol	n/a	=	102	%	EPA 8270C	-88	-88	29	106	
2018/19-4	Lab	LCS dup	2/15/2019	Pesticide	Pentachlorophenol	n/a	=	10.6	µg/L	EPA 8270C	0.15	1			
2018/19-4	Lab	LCS dup, rec	2/15/2019	Pesticide	Pentachlorophenol	n/a	=	106	%	EPA 8270C	-88	-88	29	106	
2018/19-4	Lab	LCS, RPD	2/15/2019	Pesticide	Pentachlorophenol	n/a	=	3	%	EPA 8270C	-88	-88	0	30	
2018/19-4	Lab	method blank	2/20/2019	Pesticide	Pentachlorophenol	n/a	<	0.04	µg/L	EPA 515.3	0.04	0.2			
2018/19-4	Lab	LCS	2/20/2019	Pesticide	Pentachlorophenol	n/a	=	4.03	µg/L	EPA 515.3	0.04	0.2			
2018/19-4	Lab	LCS, rec	2/20/2019	Pesticide	Pentachlorophenol	n/a	=	101	%	EPA 515.3	-88	-88	70	130	
2018/19-4	Lab	method blank	2/26/2019	Pesticide	Pentachlorophenol	n/a	<	0.19	µg/L	EPA 625	0.19	1			
2018/19-4	Lab	LCS	2/26/2019	Pesticide	Pentachlorophenol	n/a	=	23.8	µg/L	EPA 625	0.19	1			
2018/19-4	Lab	LCS, rec	2/26/2019	Pesticide	Pentachlorophenol	n/a	=	95	%	EPA 625	-88	-88	14	176	
2018/19-4	Lab	LCS dup	2/26/2019	Pesticide	Pentachlorophenol	n/a	=	22.8	µg/L	EPA 625	0.19	1			
2018/19-4	Lab	LCS dup, rec	2/26/2019	Pesticide	Pentachlorophenol	n/a	=	91	%	EPA 625	-88	-88	14	176	
2018/19-4	Lab	LCS, RPD	2/26/2019	Pesticide	Pentachlorophenol	n/a	=	4	%	EPA 625	-88	-88	0	30	

Appendix F
Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2018/19-4	000NONPJ	matrix spike	2/21/2019	Pesticide	Phorate	n/a	=	0.108	µg/L	EPA 525.2m	0.006	0.02			
2018/19-4	000NONPJ	matrix spike, rec	2/21/2019	Pesticide	Phorate	n/a	=	108	%	EPA 525.2m	-88	-88	31	181	
2018/19-4	000NONPJ	matrix spike dup	2/21/2019	Pesticide	Phorate	n/a	=	0.124	µg/L	EPA 525.2m	0.006	0.02			
2018/19-4	000NONPJ	matrix spike dup, rec	2/21/2019	Pesticide	Phorate	n/a	=	124	%	EPA 525.2m	-88	-88	31	181	
2018/19-4	000NONPJ	matrix spike, RPD	2/21/2019	Pesticide	Phorate	n/a	=	14	%	EPA 525.2m	-88	-88	0	30	
2018/19-4	Lab	method blank	2/21/2019	Pesticide	Phorate	n/a	<	0.003	µg/L	EPA 525.2m	0.003	0.01			
2018/19-4	Lab	LCS	2/21/2019	Pesticide	Phorate	n/a	=	0.0457	µg/L	EPA 525.2m	0.003	0.01			
2018/19-4	Lab	LCS, rec	2/21/2019	Pesticide	Phorate	n/a	=	91	%	EPA 525.2m	-88	-88	26	180	
2018/19-4	000NONPJ	matrix spike	2/20/2019	Pesticide	Picloram	n/a	=	4.48	µg/L	EPA 515.3	0.05	0.6			
2018/19-4	000NONPJ	matrix spike, rec	2/20/2019	Pesticide	Picloram	n/a	=	112	%	EPA 515.3	-88	-88	70	130	
2018/19-4	000NONPJ	matrix spike dup	2/20/2019	Pesticide	Picloram	n/a	=	4.26	µg/L	EPA 515.3	0.05	0.6			
2018/19-4	000NONPJ	matrix spike dup, rec	2/20/2019	Pesticide	Picloram	n/a	=	107	%	EPA 515.3	-88	-88	70	130	
2018/19-4	000NONPJ	matrix spike, RPD	2/20/2019	Pesticide	Picloram	n/a	=	5	%	EPA 515.3	-88	-88	0	30	
2018/19-4	000NONPJ	matrix spike	2/20/2019	Pesticide	Picloram	n/a	=	4.35	µg/L	EPA 515.3	0.05	0.6			
2018/19-4	000NONPJ	matrix spike, rec	2/20/2019	Pesticide	Picloram	n/a	=	109	%	EPA 515.3	-88	-88	70	130	
2018/19-4	000NONPJ	matrix spike dup	2/20/2019	Pesticide	Picloram	n/a	=	3.98	µg/L	EPA 515.3	0.05	0.6			
2018/19-4	000NONPJ	matrix spike dup, rec	2/20/2019	Pesticide	Picloram	n/a	=	100	%	EPA 515.3	-88	-88	70	130	
2018/19-4	000NONPJ	matrix spike, RPD	2/20/2019	Pesticide	Picloram	n/a	=	9	%	EPA 515.3	-88	-88	0	30	
2018/19-4	Lab	method blank	2/20/2019	Pesticide	Picloram	n/a	<	0.05	µg/L	EPA 515.3	0.05	0.6			
2018/19-4	Lab	LCS	2/20/2019	Pesticide	Picloram	n/a	=	4.18	µg/L	EPA 515.3	0.05	0.6			
2018/19-4	Lab	LCS, rec	2/20/2019	Pesticide	Picloram	n/a	=	104	%	EPA 515.3	-88	-88	70	130	
2018/19-4	Lab	method blank	2/20/2019	Pesticide	Prometon	n/a	<	0.024	µg/L	EPA 525.2	0.024	0.2			
2018/19-4	Lab	LCS	2/20/2019	Pesticide	Prometon	n/a	=	1.56	µg/L	EPA 525.2	0.024	0.2			
2018/19-4	Lab	LCS, rec	2/20/2019	Pesticide	Prometon	n/a	=	31	%	EPA 525.2	-88	-88	15	120	
2018/19-4	Lab	LCS dup	2/20/2019	Pesticide	Prometon	n/a	=	1.93	µg/L	EPA 525.2	0.024	0.2			
2018/19-4	Lab	LCS dup, rec	2/20/2019	Pesticide	Prometon	n/a	=	39	%	EPA 525.2	-88	-88	15	120	
2018/19-4	Lab	LCS, RPD	2/20/2019	Pesticide	Prometon	n/a	=	21	%	EPA 525.2	-88	-88	0	30	
2018/19-4	Lab	method blank	2/20/2019	Pesticide	Prometryn	n/a	<	0.036	µg/L	EPA 525.2	0.036	0.1			
2018/19-4	Lab	LCS	2/20/2019	Pesticide	Prometryn	n/a	=	3.43	µg/L	EPA 525.2	0.036	0.1			
2018/19-4	Lab	LCS, rec	2/20/2019	Pesticide	Prometryn	n/a	=	69	%	EPA 525.2	-88	-88	30	120	
2018/19-4	Lab	LCS dup	2/20/2019	Pesticide	Prometryn	n/a	=	3.38	µg/L	EPA 525.2	0.036	0.1			
2018/19-4	Lab	LCS dup, rec	2/20/2019	Pesticide	Prometryn	n/a	=	68	%	EPA 525.2	-88	-88	30	120	
2018/19-4	Lab	LCS, RPD	2/20/2019	Pesticide	Prometryn	n/a	=	1	%	EPA 525.2	-88	-88	0	30	
2018/19-4	000NONPJ	matrix spike	2/21/2019	Pesticide	Ronnel (Fenclorophos)	n/a	=	0.119	µg/L	EPA 525.2m	0.0082	0.02			
2018/19-4	000NONPJ	matrix spike, rec	2/21/2019	Pesticide	Ronnel (Fenclorophos)	n/a	=	119	%	EPA 525.2m	-88	-88	29	153	
2018/19-4	000NONPJ	matrix spike dup	2/21/2019	Pesticide	Ronnel (Fenclorophos)	n/a	=	0.13	µg/L	EPA 525.2m	0.0082	0.02			
2018/19-4	000NONPJ	matrix spike dup, rec	2/21/2019	Pesticide	Ronnel (Fenclorophos)	n/a	=	130	%	EPA 525.2m	-88	-88	29	153	
2018/19-4	000NONPJ	matrix spike, RPD	2/21/2019	Pesticide	Ronnel (Fenclorophos)	n/a	=	8	%	EPA 525.2m	-88	-88	0	30	
2018/19-4	Lab	method blank	2/21/2019	Pesticide	Ronnel (Fenclorophos)	n/a	<	0.0041	µg/L	EPA 525.2m	0.0041	0.01			
2018/19-4	Lab	LCS	2/21/2019	Pesticide	Ronnel (Fenclorophos)	n/a	=	0.0519	µg/L	EPA 525.2m	0.0041	0.01			
2018/19-4	Lab	LCS, rec	2/21/2019	Pesticide	Ronnel (Fenclorophos)	n/a	=	104	%	EPA 525.2m	-88	-88	34	154	
2018/19-4	Lab	method blank	2/20/2019	Pesticide	Simazine	n/a	<	0.015	µg/L	EPA 525.2	0.015	0.1			
2018/19-4	Lab	LCS	2/20/2019	Pesticide	Simazine	n/a	=	5.51	µg/L	EPA 525.2	0.015	0.1			
2018/19-4	Lab	LCS, rec	2/20/2019	Pesticide	Simazine	n/a	=	110	%	EPA 525.2	-88	-88	60	130	
2018/19-4	Lab	LCS dup	2/20/2019	Pesticide	Simazine	n/a	=	5.75	µg/L	EPA 525.2	0.015	0.1			
2018/19-4	Lab	LCS dup, rec	2/20/2019	Pesticide	Simazine	n/a	=	115	%	EPA 525.2	-88	-88	60	130	
2018/19-4	Lab	LCS, RPD	2/20/2019	Pesticide	Simazine	n/a	=	4	%	EPA 525.2	-88	-88	0	30	

Appendix F
Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2018/19-4	000NONPJ	matrix spike	2/21/2019	Pesticide	Stirophos (Tetrachlorvinphos)	n/a	=	0.16	µg/L	EPA 525.2m	0.0062	0.02			
2018/19-4	000NONPJ	matrix spike, rec	2/21/2019	Pesticide	Stirophos (Tetrachlorvinphos)	n/a	=	160	%	EPA 525.2m	-88	-88	0.1	167	
2018/19-4	000NONPJ	matrix spike dup	2/21/2019	Pesticide	Stirophos (Tetrachlorvinphos)	n/a	=	0.156	µg/L	EPA 525.2m	0.0062	0.02			
2018/19-4	000NONPJ	matrix spike dup, rec	2/21/2019	Pesticide	Stirophos (Tetrachlorvinphos)	n/a	=	156	%	EPA 525.2m	-88	-88	0.1	167	
2018/19-4	000NONPJ	matrix spike, RPD	2/21/2019	Pesticide	Stirophos (Tetrachlorvinphos)	n/a	=	2	%	EPA 525.2m	-88	-88	0	30	
2018/19-4	Lab	method blank	2/21/2019	Pesticide	Stirophos (Tetrachlorvinphos)	n/a	<	0.0031	µg/L	EPA 525.2m	0.0031	0.01			
2018/19-4	Lab	LCS	2/21/2019	Pesticide	Stirophos (Tetrachlorvinphos)	n/a	=	0.067	µg/L	EPA 525.2m	0.0031	0.01			
2018/19-4	Lab	LCS, rec	2/21/2019	Pesticide	Stirophos (Tetrachlorvinphos)	n/a	=	134	%	EPA 525.2m	-88	-88	0.1	188	
2018/19-4	Lab	method blank	2/20/2019	Pesticide	Terbacil	n/a	<	0.55	µg/L	EPA 525.2	0.55	2			
2018/19-4	Lab	LCS	2/20/2019	Pesticide	Terbacil	n/a	=	5	µg/L	EPA 525.2	0.55	2			
2018/19-4	Lab	LCS, rec	2/20/2019	Pesticide	Terbacil	n/a	=	100	%	EPA 525.2	-88	-88	70	130	
2018/19-4	Lab	LCS dup	2/20/2019	Pesticide	Terbacil	n/a	=	4.97	µg/L	EPA 525.2	0.55	2			
2018/19-4	Lab	LCS dup, rec	2/20/2019	Pesticide	Terbacil	n/a	=	99	%	EPA 525.2	-88	-88	70	130	
2018/19-4	Lab	LCS, RPD	2/20/2019	Pesticide	Terbacil	n/a	=	0.7	%	EPA 525.2	-88	-88	0	30	
2018/19-4	Lab	method blank	2/20/2019	Pesticide	Thiobencarb	n/a	<	0.025	µg/L	EPA 525.2	0.025	0.2			
2018/19-4	Lab	LCS	2/20/2019	Pesticide	Thiobencarb	n/a	=	5.59	µg/L	EPA 525.2	0.025	0.2			
2018/19-4	Lab	LCS, rec	2/20/2019	Pesticide	Thiobencarb	n/a	=	112	%	EPA 525.2	-88	-88	70	130	
2018/19-4	Lab	LCS dup	2/20/2019	Pesticide	Thiobencarb	n/a	=	5.82	µg/L	EPA 525.2	0.025	0.2			
2018/19-4	Lab	LCS dup, rec	2/20/2019	Pesticide	Thiobencarb	n/a	=	116	%	EPA 525.2	-88	-88	70	130	
2018/19-4	Lab	LCS, RPD	2/20/2019	Pesticide	Thiobencarb	n/a	=	4	%	EPA 525.2	-88	-88	0	30	
2018/19-4	000NONPJ	matrix spike	2/21/2019	Pesticide	Tokuthion	n/a	=	0.0737	µg/L	EPA 525.2m	0.016	0.02			IL
2018/19-4	000NONPJ	matrix spike, rec	2/21/2019	Pesticide	Tokuthion	n/a	=	74	%	EPA 525.2m	-88	-88	27	160	IL
2018/19-4	000NONPJ	matrix spike dup	2/21/2019	Pesticide	Tokuthion	n/a	=	0.142	µg/L	EPA 525.2m	0.016	0.02			IL
2018/19-4	000NONPJ	matrix spike dup, rec	2/21/2019	Pesticide	Tokuthion	n/a	=	142	%	EPA 525.2m	-88	-88	27	160	IL
2018/19-4	000NONPJ	matrix spike, RPD	2/21/2019	Pesticide	Tokuthion	n/a	=	63	%	EPA 525.2m	-88	-88	0	30	IL
2018/19-4	Lab	method blank	2/21/2019	Pesticide	Tokuthion	n/a	<	0.0078	µg/L	EPA 525.2m	0.0078	0.01			
2018/19-4	Lab	LCS	2/21/2019	Pesticide	Tokuthion	n/a	=	0.0342	µg/L	EPA 525.2m	0.0078	0.01			
2018/19-4	Lab	LCS, rec	2/21/2019	Pesticide	Tokuthion	n/a	=	68	%	EPA 525.2m	-88	-88	23	159	
2018/19-4	000NONPJ	matrix spike	2/21/2019	Pesticide	Trichloronate	n/a	=	0.106	µg/L	EPA 525.2m	0.013	0.02			
2018/19-4	000NONPJ	matrix spike, rec	2/21/2019	Pesticide	Trichloronate	n/a	=	106	%	EPA 525.2m	-88	-88	40	150	
2018/19-4	000NONPJ	matrix spike dup	2/21/2019	Pesticide	Trichloronate	n/a	=	0.112	µg/L	EPA 525.2m	0.013	0.02			
2018/19-4	000NONPJ	matrix spike dup, rec	2/21/2019	Pesticide	Trichloronate	n/a	=	112	%	EPA 525.2m	-88	-88	40	150	
2018/19-4	000NONPJ	matrix spike, RPD	2/21/2019	Pesticide	Trichloronate	n/a	=	6	%	EPA 525.2m	-88	-88	0	30	
2018/19-4	Lab	method blank	2/21/2019	Pesticide	Trichloronate	n/a	<	0.0067	µg/L	EPA 525.2m	0.0067	0.01			
2018/19-4	Lab	LCS	2/21/2019	Pesticide	Trichloronate	n/a	=	0.0498	µg/L	EPA 525.2m	0.0067	0.01			
2018/19-4	Lab	LCS, rec	2/21/2019	Pesticide	Trichloronate	n/a	=	100	%	EPA 525.2m	-88	-88	34	153	
2018/19-4	Lab	method blank	2/20/2019	Pesticide	Trithion	n/a	<	0.012	µg/L	EPA 525.2	0.012	0.1			
2018/19-4	Lab	LCS	2/20/2019	Pesticide	Trithion	n/a	=	4.77	µg/L	EPA 525.2	0.012	0.1			
2018/19-4	Lab	LCS, rec	2/20/2019	Pesticide	Trithion	n/a	=	95	%	EPA 525.2	-88	-88	70	130	
2018/19-4	Lab	LCS dup	2/20/2019	Pesticide	Trithion	n/a	=	4.91	µg/L	EPA 525.2	0.012	0.1			
2018/19-4	Lab	LCS dup, rec	2/20/2019	Pesticide	Trithion	n/a	=	98	%	EPA 525.2	-88	-88	70	130	
2018/19-4	Lab	LCS, RPD	2/20/2019	Pesticide	Trithion	n/a	=	3	%	EPA 525.2	-88	-88	0	30	
2018/19-5	000NONPJ	matrix spike	5/3/2019	Anion	Chloride	n/a	=	338	mg/L	EPA 300.0	1	5			
2018/19-5	000NONPJ	matrix spike	5/3/2019	Anion	Chloride	n/a	=	322	mg/L	EPA 300.0	1	5			
2018/19-5	000NONPJ	matrix spike dup	5/3/2019	Anion	Chloride	n/a	=	339	mg/L	EPA 300.0	1	5			
2018/19-5	000NONPJ	matrix spike dup	5/3/2019	Anion	Chloride	n/a	=	322	mg/L	EPA 300.0	1	5			
2018/19-5	000NONPJ	matrix spike dup, rec	5/3/2019	Anion	Chloride	n/a	=	101	%	EPA 300.0	-88	-88	76	118	

Appendix F
Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2018/19-5	000NONPJ	matrix spike dup, rec	5/3/2019	Anion	Chloride	n/a	=	99	%	EPA 300.0	-88	-88	76	118	
2018/19-5	000NONPJ	matrix spike, rec	5/3/2019	Anion	Chloride	n/a	=	101	%	EPA 300.0	-88	-88	76	118	
2018/19-5	000NONPJ	matrix spike, rec	5/3/2019	Anion	Chloride	n/a	=	99	%	EPA 300.0	-88	-88	76	118	
2018/19-5	000NONPJ	matrix spike, RPD	5/3/2019	Anion	Chloride	n/a	=	0.03	%	EPA 300.0	-88	-88	0	20	
2018/19-5	000NONPJ	matrix spike, RPD	5/3/2019	Anion	Chloride	n/a	=	0.1	%	EPA 300.0	-88	-88	0	20	
2018/19-5	000NONPJ	matrix spike	5/13/2019	Anion	Chloride	n/a	=	195	mg/L	EPA 300.0	1	5			
2018/19-5	000NONPJ	matrix spike	5/13/2019	Anion	Chloride	n/a	=	271	mg/L	EPA 300.0	1	5			
2018/19-5	000NONPJ	matrix spike dup	5/13/2019	Anion	Chloride	n/a	=	270	mg/L	EPA 300.0	1	5			
2018/19-5	000NONPJ	matrix spike dup	5/13/2019	Anion	Chloride	n/a	=	195	mg/L	EPA 300.0	1	5			
2018/19-5	000NONPJ	matrix spike dup, rec	5/13/2019	Anion	Chloride	n/a	=	98	%	EPA 300.0	-88	-88	76	118	
2018/19-5	000NONPJ	matrix spike dup, rec	5/13/2019	Anion	Chloride	n/a	=	99	%	EPA 300.0	-88	-88	76	118	
2018/19-5	000NONPJ	matrix spike, rec	5/13/2019	Anion	Chloride	n/a	=	99	%	EPA 300.0	-88	-88	76	118	
2018/19-5	000NONPJ	matrix spike, rec	5/13/2019	Anion	Chloride	n/a	=	98	%	EPA 300.0	-88	-88	76	118	
2018/19-5	000NONPJ	matrix spike, RPD	5/13/2019	Anion	Chloride	n/a	=	0.5	%	EPA 300.0	-88	-88	0	20	
2018/19-5	000NONPJ	matrix spike, RPD	5/13/2019	Anion	Chloride	n/a	=	0.005	%	EPA 300.0	-88	-88	0	20	
2018/19-5	000NONPJ	matrix spike	5/17/2019	Anion	Chloride	n/a	=	263	mg/L	EPA 300.0	1	5			
2018/19-5	000NONPJ	matrix spike	5/17/2019	Anion	Chloride	n/a	=	259	mg/L	EPA 300.0	1	5			
2018/19-5	000NONPJ	matrix spike dup	5/17/2019	Anion	Chloride	n/a	=	263	mg/L	EPA 300.0	1	5			
2018/19-5	000NONPJ	matrix spike dup	5/17/2019	Anion	Chloride	n/a	=	259	mg/L	EPA 300.0	1	5			
2018/19-5	000NONPJ	matrix spike dup, rec	5/17/2019	Anion	Chloride	n/a	=	96	%	EPA 300.0	-88	-88	76	118	
2018/19-5	000NONPJ	matrix spike dup, rec	5/17/2019	Anion	Chloride	n/a	=	96	%	EPA 300.0	-88	-88	76	118	
2018/19-5	000NONPJ	matrix spike, rec	5/17/2019	Anion	Chloride	n/a	=	96	%	EPA 300.0	-88	-88	76	118	
2018/19-5	000NONPJ	matrix spike, RPD	5/17/2019	Anion	Chloride	n/a	=	0.2	%	EPA 300.0	-88	-88	0	20	
2018/19-5	000NONPJ	matrix spike, RPD	5/17/2019	Anion	Chloride	n/a	=	0.09	%	EPA 300.0	-88	-88	0	20	
2018/19-5	Lab	LCS	5/3/2019	Anion	Chloride	n/a	=	19.7	mg/L	EPA 300.0	0.1	0.5			
2018/19-5	Lab	LCS, rec	5/3/2019	Anion	Chloride	n/a	=	99	%	EPA 300.0	-88	-88	90	110	
2018/19-5	Lab	method blank	5/3/2019	Anion	Chloride	n/a	<	0.1	mg/L	EPA 300.0	0.1	0.5			
2018/19-5	Lab	LCS	5/13/2019	Anion	Chloride	n/a	=	19.7	mg/L	EPA 300.0	0.1	0.5			
2018/19-5	Lab	LCS, rec	5/13/2019	Anion	Chloride	n/a	=	99	%	EPA 300.0	-88	-88	90	110	
2018/19-5	Lab	method blank	5/13/2019	Anion	Chloride	n/a	<	0.1	mg/L	EPA 300.0	0.1	0.5			
2018/19-5	Lab	LCS	5/17/2019	Anion	Chloride	n/a	=	19.5	mg/L	EPA 300.0	0.1	0.5			
2018/19-5	Lab	LCS, rec	5/17/2019	Anion	Chloride	n/a	=	98	%	EPA 300.0	-88	-88	90	110	
2018/19-5	Lab	method blank	5/17/2019	Anion	Chloride	n/a	<	0.1	mg/L	EPA 300.0	0.1	0.5			
2018/19-5	000NONPJ	matrix spike	5/3/2019	Anion	Fluoride	n/a	=	21.7	mg/L	EPA 300.0	0.2	1			GB
2018/19-5	000NONPJ	matrix spike	5/3/2019	Anion	Fluoride	n/a	=	21.4	mg/L	EPA 300.0	0.2	1			
2018/19-5	000NONPJ	matrix spike dup	5/3/2019	Anion	Fluoride	n/a	=	21.5	mg/L	EPA 300.0	0.2	1			
2018/19-5	000NONPJ	matrix spike dup	5/3/2019	Anion	Fluoride	n/a	=	20.1	mg/L	EPA 300.0	0.2	1			
2018/19-5	000NONPJ	matrix spike dup, rec	5/3/2019	Anion	Fluoride	n/a	=	106	%	EPA 300.0	-88	-88	86	107	
2018/19-5	000NONPJ	matrix spike dup, rec	5/3/2019	Anion	Fluoride	n/a	=	99	%	EPA 300.0	-88	-88	86	107	
2018/19-5	000NONPJ	matrix spike, rec	5/3/2019	Anion	Fluoride	n/a	=	108	%	EPA 300.0	-88	-88	86	107	GB
2018/19-5	000NONPJ	matrix spike, rec	5/3/2019	Anion	Fluoride	n/a	=	106	%	EPA 300.0	-88	-88	86	107	
2018/19-5	000NONPJ	matrix spike, RPD	5/3/2019	Anion	Fluoride	n/a	=	6	%	EPA 300.0	-88	-88	0	20	
2018/19-5	000NONPJ	matrix spike, RPD	5/3/2019	Anion	Fluoride	n/a	=	1	%	EPA 300.0	-88	-88	0	20	
2018/19-5	000NONPJ	matrix spike	5/13/2019	Anion	Fluoride	n/a	=	21.6	mg/L	EPA 300.0	0.2	1			
2018/19-5	000NONPJ	matrix spike	5/13/2019	Anion	Fluoride	n/a	=	20.4	mg/L	EPA 300.0	0.2	1			
2018/19-5	000NONPJ	matrix spike dup	5/13/2019	Anion	Fluoride	n/a	=	21.7	mg/L	EPA 300.0	0.2	1			

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Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2018/19-5	000NONPJ	matrix spike dup	5/13/2019	Anion	Fluoride	n/a	=	20.5	mg/L	EPA 300.0	0.2	1			
2018/19-5	000NONPJ	matrix spike dup, rec	5/13/2019	Anion	Fluoride	n/a	=	103	%	EPA 300.0	-88	-88	86	107	
2018/19-5	000NONPJ	matrix spike dup, rec	5/13/2019	Anion	Fluoride	n/a	=	106	%	EPA 300.0	-88	-88	86	107	
2018/19-5	000NONPJ	matrix spike, rec	5/13/2019	Anion	Fluoride	n/a	=	102	%	EPA 300.0	-88	-88	86	107	
2018/19-5	000NONPJ	matrix spike, rec	5/13/2019	Anion	Fluoride	n/a	=	105	%	EPA 300.0	-88	-88	86	107	
2018/19-5	000NONPJ	matrix spike, RPD	5/13/2019	Anion	Fluoride	n/a	=	0.8	%	EPA 300.0	-88	-88	0	20	
2018/19-5	000NONPJ	matrix spike, RPD	5/13/2019	Anion	Fluoride	n/a	=	0.3	%	EPA 300.0	-88	-88	0	20	
2018/19-5	000NONPJ	matrix spike	5/17/2019	Anion	Fluoride	n/a	=	20.8	mg/L	EPA 300.0	0.2	1			
2018/19-5	000NONPJ	matrix spike	5/17/2019	Anion	Fluoride	n/a	=	20.7	mg/L	EPA 300.0	0.2	1			
2018/19-5	000NONPJ	matrix spike dup	5/17/2019	Anion	Fluoride	n/a	=	20.9	mg/L	EPA 300.0	0.2	1			
2018/19-5	000NONPJ	matrix spike dup, rec	5/17/2019	Anion	Fluoride	n/a	=	102	%	EPA 300.0	-88	-88	86	107	
2018/19-5	000NONPJ	matrix spike dup, rec	5/17/2019	Anion	Fluoride	n/a	=	102	%	EPA 300.0	-88	-88	86	107	
2018/19-5	000NONPJ	matrix spike, rec	5/17/2019	Anion	Fluoride	n/a	=	100	%	EPA 300.0	-88	-88	86	107	
2018/19-5	000NONPJ	matrix spike, rec	5/17/2019	Anion	Fluoride	n/a	=	101	%	EPA 300.0	-88	-88	86	107	
2018/19-5	000NONPJ	matrix spike, RPD	5/17/2019	Anion	Fluoride	n/a	=	0.4	%	EPA 300.0	-88	-88	0	20	
2018/19-5	000NONPJ	matrix spike, RPD	5/17/2019	Anion	Fluoride	n/a	=	1	%	EPA 300.0	-88	-88	0	20	
2018/19-5	Lab	LCS	5/3/2019	Anion	Fluoride	n/a	=	2.16	mg/L	EPA 300.0	0.02	0.1			
2018/19-5	Lab	LCS, rec	5/3/2019	Anion	Fluoride	n/a	=	108	%	EPA 300.0	-88	-88	90	110	
2018/19-5	Lab	method blank	5/3/2019	Anion	Fluoride	n/a	<	0.02	mg/L	EPA 300.0	0.02	0.1			
2018/19-5	Lab	LCS	5/13/2019	Anion	Fluoride	n/a	=	2.03	mg/L	EPA 300.0	0.02	0.1			
2018/19-5	Lab	LCS, rec	5/13/2019	Anion	Fluoride	n/a	=	101	%	EPA 300.0	-88	-88	90	110	
2018/19-5	Lab	method blank	5/13/2019	Anion	Fluoride	n/a	<	0.02	mg/L	EPA 300.0	0.02	0.1			
2018/19-5	Lab	LCS	5/17/2019	Anion	Fluoride	n/a	=	2.17	mg/L	EPA 300.0	0.02	0.1			
2018/19-5	Lab	LCS, rec	5/17/2019	Anion	Fluoride	n/a	=	108	%	EPA 300.0	-88	-88	90	110	
2018/19-5	Lab	method blank	5/17/2019	Anion	Fluoride	n/a	<	0.02	mg/L	EPA 300.0	0.02	0.1			
2018/19-5	000NONPJ	matrix spike	5/14/2019	Anion	Perchlorate	n/a	=	7.32	µg/L	EPA 314.0	0.95	2			GB
2018/19-5	000NONPJ	matrix spike, rec	5/14/2019	Anion	Perchlorate	n/a	=	73	%	EPA 314.0	-88	-88	80	120	GB
2018/19-5	000NONPJ	matrix spike dup	5/14/2019	Anion	Perchlorate	n/a	=	7.36	µg/L	EPA 314.0	0.95	2			GB
2018/19-5	000NONPJ	matrix spike dup, rec	5/14/2019	Anion	Perchlorate	n/a	=	74	%	EPA 314.0	-88	-88	80	120	GB
2018/19-5	000NONPJ	matrix spike, RPD	5/14/2019	Anion	Perchlorate	n/a	=	0.5	%	EPA 314.0	-88	-88	0	15	GB
2018/19-5	000NONPJ	matrix spike	5/18/2019	Anion	Perchlorate	n/a	=	9.2	µg/L	EPA 314.0	0.95	2			
2018/19-5	000NONPJ	matrix spike, rec	5/18/2019	Anion	Perchlorate	n/a	=	92	%	EPA 314.0	-88	-88	80	120	
2018/19-5	000NONPJ	matrix spike dup	5/18/2019	Anion	Perchlorate	n/a	=	8.69	µg/L	EPA 314.0	0.95	2			
2018/19-5	000NONPJ	matrix spike dup, rec	5/18/2019	Anion	Perchlorate	n/a	=	87	%	EPA 314.0	-88	-88	80	120	
2018/19-5	000NONPJ	matrix spike, RPD	5/18/2019	Anion	Perchlorate	n/a	=	6	%	EPA 314.0	-88	-88	0	15	
2018/19-5	Lab	method blank	5/14/2019	Anion	Perchlorate	n/a	<	0.95	µg/L	EPA 314.0	0.95	2			
2018/19-5	Lab	LCS	5/14/2019	Anion	Perchlorate	n/a	=	8.86	µg/L	EPA 314.0	0.95	2			
2018/19-5	Lab	LCS, rec	5/14/2019	Anion	Perchlorate	n/a	=	89	%	EPA 314.0	-88	-88	85	115	
2018/19-5	Lab	method blank	5/18/2019	Anion	Perchlorate	n/a	<	0.95	µg/L	EPA 314.0	0.95	2			
2018/19-5	Lab	LCS	5/18/2019	Anion	Perchlorate	n/a	=	10.1	µg/L	EPA 314.0	0.95	2			
2018/19-5	Lab	LCS, rec	5/18/2019	Anion	Perchlorate	n/a	=	101	%	EPA 314.0	-88	-88	85	115	
2018/19-5	000NONPJ	matrix spike	5/3/2019	Anion	Sulfate	Total	=	379	mg/L	EPA 300.0	1	5			GB
2018/19-5	000NONPJ	matrix spike	5/3/2019	Anion	Sulfate	Total	=	381	mg/L	EPA 300.0	1	5			
2018/19-5	000NONPJ	matrix spike dup	5/3/2019	Anion	Sulfate	Total	=	381	mg/L	EPA 300.0	1	5			
2018/19-5	000NONPJ	matrix spike dup	5/3/2019	Anion	Sulfate	Total	=	377	mg/L	EPA 300.0	1	5			GB
2018/19-5	000NONPJ	matrix spike dup, rec	5/3/2019	Anion	Sulfate	Total	=	113	%	EPA 300.0	-88	-88	78	111	GB

Appendix F
Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2018/19-5	000NONPJ	matrix spike dup, rec	5/3/2019	Anion	Sulfate	Total	=	110	%	EPA 300.0	-88	-88	78	111	
2018/19-5	000NONPJ	matrix spike, rec	5/3/2019	Anion	Sulfate	Total	=	110	%	EPA 300.0	-88	-88	78	111	
2018/19-5	000NONPJ	matrix spike, rec	5/3/2019	Anion	Sulfate	Total	=	113	%	EPA 300.0	-88	-88	78	111	GB
2018/19-5	000NONPJ	matrix spike, RPD	5/3/2019	Anion	Sulfate	Total	=	0.4	%	EPA 300.0	-88	-88	0	20	GB
2018/19-5	000NONPJ	matrix spike, RPD	5/3/2019	Anion	Sulfate	Total	=	0.1	%	EPA 300.0	-88	-88	0	20	
2018/19-5	000NONPJ	matrix spike	5/13/2019	Anion	Sulfate	Total	=	293	mg/L	EPA 300.0	1	5			
2018/19-5	000NONPJ	matrix spike	5/13/2019	Anion	Sulfate	Total	=	207	mg/L	EPA 300.0	1	5			
2018/19-5	000NONPJ	matrix spike dup	5/13/2019	Anion	Sulfate	Total	=	295	mg/L	EPA 300.0	1	5			
2018/19-5	000NONPJ	matrix spike dup	5/13/2019	Anion	Sulfate	Total	=	207	mg/L	EPA 300.0	1	5			
2018/19-5	000NONPJ	matrix spike dup, rec	5/13/2019	Anion	Sulfate	Total	=	106	%	EPA 300.0	-88	-88	78	111	
2018/19-5	000NONPJ	matrix spike dup, rec	5/13/2019	Anion	Sulfate	Total	=	104	%	EPA 300.0	-88	-88	78	111	
2018/19-5	000NONPJ	matrix spike, rec	5/13/2019	Anion	Sulfate	Total	=	103	%	EPA 300.0	-88	-88	78	111	
2018/19-5	000NONPJ	matrix spike, rec	5/13/2019	Anion	Sulfate	Total	=	105	%	EPA 300.0	-88	-88	78	111	
2018/19-5	000NONPJ	matrix spike, RPD	5/13/2019	Anion	Sulfate	Total	=	0.7	%	EPA 300.0	-88	-88	0	20	
2018/19-5	000NONPJ	matrix spike, RPD	5/13/2019	Anion	Sulfate	Total	=	0.2	%	EPA 300.0	-88	-88	0	20	
2018/19-5	000NONPJ	matrix spike	5/17/2019	Anion	Sulfate	Total	=	287	mg/L	EPA 300.0	1	5			
2018/19-5	000NONPJ	matrix spike	5/17/2019	Anion	Sulfate	Total	=	276	mg/L	EPA 300.0	1	5			
2018/19-5	000NONPJ	matrix spike dup	5/17/2019	Anion	Sulfate	Total	=	276	mg/L	EPA 300.0	1	5			
2018/19-5	000NONPJ	matrix spike dup	5/17/2019	Anion	Sulfate	Total	=	289	mg/L	EPA 300.0	1	5			
2018/19-5	000NONPJ	matrix spike dup, rec	5/17/2019	Anion	Sulfate	Total	=	104	%	EPA 300.0	-88	-88	78	111	
2018/19-5	000NONPJ	matrix spike dup, rec	5/17/2019	Anion	Sulfate	Total	=	104	%	EPA 300.0	-88	-88	78	111	
2018/19-5	000NONPJ	matrix spike, rec	5/17/2019	Anion	Sulfate	Total	=	103	%	EPA 300.0	-88	-88	78	111	
2018/19-5	000NONPJ	matrix spike, rec	5/17/2019	Anion	Sulfate	Total	=	103	%	EPA 300.0	-88	-88	78	111	
2018/19-5	000NONPJ	matrix spike, RPD	5/17/2019	Anion	Sulfate	Total	=	0.1	%	EPA 300.0	-88	-88	0	20	
2018/19-5	000NONPJ	matrix spike, RPD	5/17/2019	Anion	Sulfate	Total	=	0.8	%	EPA 300.0	-88	-88	0	20	
2018/19-5	Lab	LCS	5/3/2019	Anion	Sulfate	Total	=	21.1	mg/L	EPA 300.0	0.1	0.5			
2018/19-5	Lab	LCS, rec	5/3/2019	Anion	Sulfate	Total	=	105	%	EPA 300.0	-88	-88	90	110	
2018/19-5	Lab	method blank	5/3/2019	Anion	Sulfate	Total	<	0.1	mg/L	EPA 300.0	0.1	0.5			
2018/19-5	Lab	LCS	5/13/2019	Anion	Sulfate	Total	=	21	mg/L	EPA 300.0	0.1	0.5			
2018/19-5	Lab	LCS, rec	5/13/2019	Anion	Sulfate	Total	=	105	%	EPA 300.0	-88	-88	90	110	
2018/19-5	Lab	method blank	5/13/2019	Anion	Sulfate	Total	<	0.1	mg/L	EPA 300.0	0.1	0.5			
2018/19-5	Lab	LCS	5/17/2019	Anion	Sulfate	Total	=	20.8	mg/L	EPA 300.0	0.1	0.5			
2018/19-5	Lab	LCS, rec	5/17/2019	Anion	Sulfate	Total	=	104	%	EPA 300.0	-88	-88	90	110	
2018/19-5	Lab	method blank	5/17/2019	Anion	Sulfate	Total	<	0.1	mg/L	EPA 300.0	0.1	0.5			
2018/19-5	Lab	method blank	5/10/2019	Cation	Calcium	Total	<	0.016	mg/L	EPA 200.7	0.016	0.1			
2018/19-5	Lab	LCS	5/10/2019	Cation	Calcium	Total	=	52.6	mg/L	EPA 200.7	0.016	0.1			
2018/19-5	Lab	LCS, rec	5/10/2019	Cation	Calcium	Total	=	105	%	EPA 200.7	-88	-88	85	115	
2018/19-5	Lab	method blank	5/16/2019	Cation	Calcium	Total	<	0.016	mg/L	EPA 200.7	0.016	0.1			
2018/19-5	Lab	LCS	5/16/2019	Cation	Calcium	Total	=	53.9	mg/L	EPA 200.7	0.016	0.1			
2018/19-5	Lab	LCS, rec	5/16/2019	Cation	Calcium	Total	=	107	%	EPA 200.7	-88	-88	85	115	
2018/19-5	Lab	method blank	5/22/2019	Cation	Calcium	Total	<	0.016	mg/L	EPA 200.7	0.016	0.1			
2018/19-5	Lab	LCS	5/22/2019	Cation	Calcium	Total	=	52.2	mg/L	EPA 200.7	0.016	0.1			
2018/19-5	Lab	LCS, rec	5/22/2019	Cation	Calcium	Total	=	104	%	EPA 200.7	-88	-88	85	115	
2018/19-5	ME-SCR	matrix spike	5/10/2019	Cation	Calcium	Total	=	197	mg/L	EPA 200.7	0.016	0.1			
2018/19-5	ME-SCR	matrix spike, rec	5/10/2019	Cation	Calcium	Total	=	102	%	EPA 200.7	-88	-88	70	130	
2018/19-5	ME-SCR	matrix spike dup	5/10/2019	Cation	Calcium	Total	=	197	mg/L	EPA 200.7	0.016	0.1			
2018/19-5	ME-SCR	matrix spike dup, rec	5/10/2019	Cation	Calcium	Total	=	101	%	EPA 200.7	-88	-88	70	130	

Appendix F
Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2018/19-5	ME-SCR	matrix spike, RPD	5/10/2019	Cation	Calcium	Total	=	0.1	%	EPA 200.7	-88	-88	0	30	
2018/19-5	ME-VR2	matrix spike	5/16/2019	Cation	Calcium	Total	=	177	mg/L	EPA 200.7	0.016	0.1			
2018/19-5	ME-VR2	matrix spike, rec	5/16/2019	Cation	Calcium	Total	=	101	%	EPA 200.7	-88	-88	70	130	
2018/19-5	ME-VR2	matrix spike dup	5/16/2019	Cation	Calcium	Total	=	180	mg/L	EPA 200.7	0.016	0.1			
2018/19-5	ME-VR2	matrix spike dup, rec	5/16/2019	Cation	Calcium	Total	=	106	%	EPA 200.7	-88	-88	70	130	
2018/19-5	ME-VR2	matrix spike, RPD	5/16/2019	Cation	Calcium	Total	=	1	%	EPA 200.7	-88	-88	0	30	
2018/19-5	MO-CAM	matrix spike	5/22/2019	Cation	Calcium	Total	=	152	mg/L	EPA 200.7	0.016	0.1			
2018/19-5	MO-CAM	matrix spike, rec	5/22/2019	Cation	Calcium	Total	=	101	%	EPA 200.7	-88	-88	70	130	
2018/19-5	MO-CAM	matrix spike dup	5/22/2019	Cation	Calcium	Total	=	152	mg/L	EPA 200.7	0.016	0.1			
2018/19-5	MO-CAM	matrix spike dup, rec	5/22/2019	Cation	Calcium	Total	=	101	%	EPA 200.7	-88	-88	70	130	
2018/19-5	MO-CAM	matrix spike, RPD	5/22/2019	Cation	Calcium	Total	=	0.007	%	EPA 200.7	-88	-88	0	30	
2018/19-5	Lab	method blank	5/10/2019	Cation	Magnesium	Total	<	0.012	mg/L	EPA 200.7	0.012	0.1			
2018/19-5	Lab	LCS	5/10/2019	Cation	Magnesium	Total	=	51.4	mg/L	EPA 200.7	0.012	0.1			
2018/19-5	Lab	LCS, rec	5/10/2019	Cation	Magnesium	Total	=	102	%	EPA 200.7	-88	-88	85	115	
2018/19-5	Lab	method blank	5/16/2019	Cation	Magnesium	Total	<	0.012	mg/L	EPA 200.7	0.012	0.1			
2018/19-5	Lab	LCS	5/16/2019	Cation	Magnesium	Total	=	52.9	mg/L	EPA 200.7	0.012	0.1			
2018/19-5	Lab	LCS, rec	5/16/2019	Cation	Magnesium	Total	=	105	%	EPA 200.7	-88	-88	85	115	
2018/19-5	Lab	method blank	5/22/2019	Cation	Magnesium	Total	<	0.012	mg/L	EPA 200.7	0.012	0.1			
2018/19-5	Lab	LCS	5/22/2019	Cation	Magnesium	Total	=	50.7	mg/L	EPA 200.7	0.012	0.1			
2018/19-5	Lab	LCS, rec	5/22/2019	Cation	Magnesium	Total	=	101	%	EPA 200.7	-88	-88	85	115	
2018/19-5	ME-SCR	matrix spike	5/10/2019	Cation	Magnesium	Total	=	103	mg/L	EPA 200.7	0.012	0.1			
2018/19-5	ME-SCR	matrix spike, rec	5/10/2019	Cation	Magnesium	Total	=	103	%	EPA 200.7	-88	-88	70	130	
2018/19-5	ME-SCR	matrix spike dup	5/10/2019	Cation	Magnesium	Total	=	103	mg/L	EPA 200.7	0.012	0.1			
2018/19-5	ME-SCR	matrix spike dup, rec	5/10/2019	Cation	Magnesium	Total	=	103	%	EPA 200.7	-88	-88	70	130	
2018/19-5	ME-SCR	matrix spike, RPD	5/10/2019	Cation	Magnesium	Total	=	0.05	%	EPA 200.7	-88	-88	0	30	
2018/19-5	ME-VR2	matrix spike	5/16/2019	Cation	Magnesium	Total	=	88.8	mg/L	EPA 200.7	0.012	0.1			
2018/19-5	ME-VR2	matrix spike, rec	5/16/2019	Cation	Magnesium	Total	=	104	%	EPA 200.7	-88	-88	70	130	
2018/19-5	ME-VR2	matrix spike dup	5/16/2019	Cation	Magnesium	Total	=	90	mg/L	EPA 200.7	0.012	0.1			
2018/19-5	ME-VR2	matrix spike dup, rec	5/16/2019	Cation	Magnesium	Total	=	107	%	EPA 200.7	-88	-88	70	130	
2018/19-5	ME-VR2	matrix spike, RPD	5/16/2019	Cation	Magnesium	Total	=	1	%	EPA 200.7	-88	-88	0	30	
2018/19-5	MO-CAM	matrix spike	5/22/2019	Cation	Magnesium	Total	=	79.9	mg/L	EPA 200.7	0.012	0.1			
2018/19-5	MO-CAM	matrix spike, rec	5/22/2019	Cation	Magnesium	Total	=	104	%	EPA 200.7	-88	-88	70	130	
2018/19-5	MO-CAM	matrix spike dup	5/22/2019	Cation	Magnesium	Total	=	80.2	mg/L	EPA 200.7	0.012	0.1			
2018/19-5	MO-CAM	matrix spike dup, rec	5/22/2019	Cation	Magnesium	Total	=	104	%	EPA 200.7	-88	-88	70	130	
2018/19-5	MO-CAM	matrix spike, RPD	5/22/2019	Cation	Magnesium	Total	=	0.4	%	EPA 200.7	-88	-88	0	30	
2018/19-5	Lab	method blank	5/10/2019	Cation	Potassium	Total	<	0.081	mg/L	EPA 200.7	0.081	0.1			
2018/19-5	Lab	LCS	5/10/2019	Cation	Potassium	Total	=	53.2	mg/L	EPA 200.7	0.081	0.1			
2018/19-5	Lab	LCS, rec	5/10/2019	Cation	Potassium	Total	=	106	%	EPA 200.7	-88	-88	85	115	
2018/19-5	Lab	method blank	5/21/2019	Cation	Potassium	Total	<	0.081	mg/L	EPA 200.7	0.081	0.1			
2018/19-5	Lab	LCS	5/21/2019	Cation	Potassium	Total	=	53.4	mg/L	EPA 200.7	0.081	0.1			
2018/19-5	Lab	LCS, rec	5/21/2019	Cation	Potassium	Total	=	106	%	EPA 200.7	-88	-88	85	115	
2018/19-5	Lab	method blank	5/22/2019	Cation	Potassium	Total	<	0.081	mg/L	EPA 200.7	0.081	0.1			
2018/19-5	Lab	LCS	5/22/2019	Cation	Potassium	Total	=	55	mg/L	EPA 200.7	0.081	0.1			
2018/19-5	Lab	LCS, rec	5/22/2019	Cation	Potassium	Total	=	110	%	EPA 200.7	-88	-88	85	115	
2018/19-5	ME-SCR	matrix spike	5/10/2019	Cation	Potassium	Total	=	59.9	mg/L	EPA 200.7	0.081	0.1			
2018/19-5	ME-SCR	matrix spike, rec	5/10/2019	Cation	Potassium	Total	=	110	%	EPA 200.7	-88	-88	70	130	
2018/19-5	ME-SCR	matrix spike dup	5/10/2019	Cation	Potassium	Total	=	60.2	mg/L	EPA 200.7	0.081	0.1			

Appendix F
Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2018/19-5	ME-SCR	matrix spike dup, rec	5/10/2019	Cation	Potassium	Total	=	111	%	EPA 200.7	-88	-88	70	130	
2018/19-5	ME-SCR	matrix spike, RPD	5/10/2019	Cation	Potassium	Total	=	0.5	%	EPA 200.7	-88	-88	0	30	
2018/19-5	ME-VR2	matrix spike	5/21/2019	Cation	Potassium	Total	=	58.1	mg/L	EPA 200.7	0.081	0.1			
2018/19-5	ME-VR2	matrix spike, rec	5/21/2019	Cation	Potassium	Total	=	111	%	EPA 200.7	-88	-88	70	130	
2018/19-5	ME-VR2	matrix spike dup	5/21/2019	Cation	Potassium	Total	=	58.8	mg/L	EPA 200.7	0.081	0.1			
2018/19-5	ME-VR2	matrix spike dup, rec	5/21/2019	Cation	Potassium	Total	=	113	%	EPA 200.7	-88	-88	70	130	
2018/19-5	ME-VR2	matrix spike, RPD	5/21/2019	Cation	Potassium	Total	=	1	%	EPA 200.7	-88	-88	0	30	
2018/19-5	MO-CAM	matrix spike	5/22/2019	Cation	Potassium	Total	=	75	mg/L	EPA 200.7	0.081	0.1			
2018/19-5	MO-CAM	matrix spike, rec	5/22/2019	Cation	Potassium	Total	=	119	%	EPA 200.7	-88	-88	70	130	
2018/19-5	MO-CAM	matrix spike dup	5/22/2019	Cation	Potassium	Total	=	76.2	mg/L	EPA 200.7	0.081	0.1			
2018/19-5	MO-CAM	matrix spike dup, rec	5/22/2019	Cation	Potassium	Total	=	121	%	EPA 200.7	-88	-88	70	130	
2018/19-5	MO-CAM	matrix spike, RPD	5/22/2019	Cation	Potassium	Total	=	2	%	EPA 200.7	-88	-88	0	30	
2018/19-5	Lab	method blank	5/10/2019	Cation	Sodium	Total	<	0.015	mg/L	EPA 200.7	0.015	0.5			
2018/19-5	Lab	LCS	5/10/2019	Cation	Sodium	Total	=	51.6	mg/L	EPA 200.7	0.015	0.5			
2018/19-5	Lab	LCS, rec	5/10/2019	Cation	Sodium	Total	=	103	%	EPA 200.7	-88	-88	85	115	
2018/19-5	Lab	method blank	5/16/2019	Cation	Sodium	Total	<	0.015	mg/L	EPA 200.7	0.015	0.5			
2018/19-5	Lab	LCS	5/16/2019	Cation	Sodium	Total	=	53.8	mg/L	EPA 200.7	0.015	0.5			
2018/19-5	Lab	LCS, rec	5/16/2019	Cation	Sodium	Total	=	107	%	EPA 200.7	-88	-88	85	115	
2018/19-5	Lab	method blank	5/22/2019	Cation	Sodium	Total	<	0.015	mg/L	EPA 200.7	0.015	0.5			
2018/19-5	Lab	LCS	5/22/2019	Cation	Sodium	Total	=	51.5	mg/L	EPA 200.7	0.015	0.5			
2018/19-5	Lab	LCS, rec	5/22/2019	Cation	Sodium	Total	=	103	%	EPA 200.7	-88	-88	85	115	
2018/19-5	ME-SCR	matrix spike	5/10/2019	Cation	Sodium	Total	=	140	mg/L	EPA 200.7	0.015	0.5			
2018/19-5	ME-SCR	matrix spike, rec	5/10/2019	Cation	Sodium	Total	=	105	%	EPA 200.7	-88	-88	70	130	
2018/19-5	ME-SCR	matrix spike dup	5/10/2019	Cation	Sodium	Total	=	139	mg/L	EPA 200.7	0.015	0.5			
2018/19-5	ME-SCR	matrix spike dup, rec	5/10/2019	Cation	Sodium	Total	=	104	%	EPA 200.7	-88	-88	70	130	
2018/19-5	ME-SCR	matrix spike, RPD	5/10/2019	Cation	Sodium	Total	=	0.3	%	EPA 200.7	-88	-88	0	30	
2018/19-5	ME-VR2	matrix spike	5/16/2019	Cation	Sodium	Total	=	111	mg/L	EPA 200.7	0.015	0.5			
2018/19-5	ME-VR2	matrix spike, rec	5/16/2019	Cation	Sodium	Total	=	113	%	EPA 200.7	-88	-88	70	130	
2018/19-5	ME-VR2	matrix spike dup	5/16/2019	Cation	Sodium	Total	=	111	mg/L	EPA 200.7	0.015	0.5			
2018/19-5	ME-VR2	matrix spike dup, rec	5/16/2019	Cation	Sodium	Total	=	114	%	EPA 200.7	-88	-88	70	130	
2018/19-5	ME-VR2	matrix spike, RPD	5/16/2019	Cation	Sodium	Total	=	0.6	%	EPA 200.7	-88	-88	0	30	
2018/19-5	MO-CAM	matrix spike	5/22/2019	Cation	Sodium	Total	=	219	mg/L	EPA 200.7	0.015	0.5			
2018/19-5	MO-CAM	matrix spike, rec	5/22/2019	Cation	Sodium	Total	=	104	%	EPA 200.7	-88	-88	70	130	
2018/19-5	MO-CAM	matrix spike dup	5/22/2019	Cation	Sodium	Total	=	220	mg/L	EPA 200.7	0.015	0.5			
2018/19-5	MO-CAM	matrix spike dup, rec	5/22/2019	Cation	Sodium	Total	=	106	%	EPA 200.7	-88	-88	70	130	
2018/19-5	MO-CAM	matrix spike, RPD	5/22/2019	Cation	Sodium	Total	=	0.5	%	EPA 200.7	-88	-88	0	30	
2018/19-5	000NONPJ	lab duplicate	5/6/2019	Conventional	Alkalinity as CaCO3	n/a	=	183	mg/L	SM 2320 B	0.56	2		15	
2018/19-5	000NONPJ	lab duplicate	5/10/2019	Conventional	Alkalinity as CaCO3	n/a	=	164	mg/L	SM 2320 B	0.56	2		15	
2018/19-5	000NONPJ	lab duplicate	5/17/2019	Conventional	Alkalinity as CaCO3	n/a	=	190	mg/L	SM 2320 B	0.56	2		15	
2018/19-5	Lab	LCS	5/6/2019	Conventional	Alkalinity as CaCO3	n/a	=	248	mg/L	SM 2320 B	0.56	2			
2018/19-5	Lab	LCS, rec	5/6/2019	Conventional	Alkalinity as CaCO3	n/a	=	99	%	SM 2320 B	-88	-88	94	108	
2018/19-5	Lab	method blank	5/6/2019	Conventional	Alkalinity as CaCO3	n/a	<	0.56	mg/L	SM 2320 B	0.56	2			
2018/19-5	Lab	LCS	5/10/2019	Conventional	Alkalinity as CaCO3	n/a	=	250	mg/L	SM 2320 B	0.56	2			
2018/19-5	Lab	LCS, rec	5/10/2019	Conventional	Alkalinity as CaCO3	n/a	=	100	%	SM 2320 B	-88	-88	94	108	
2018/19-5	Lab	method blank	5/10/2019	Conventional	Alkalinity as CaCO3	n/a	<	0.56	mg/L	SM 2320 B	0.56	2			
2018/19-5	Lab	LCS	5/17/2019	Conventional	Alkalinity as CaCO3	n/a	=	249	mg/L	SM 2320 B	0.56	2			
2018/19-5	Lab	LCS, rec	5/17/2019	Conventional	Alkalinity as CaCO3	n/a	=	100	%	SM 2320 B	-88	-88	94	108	

Appendix F
Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2018/19-5	Lab	method blank	5/17/2019	Conventional	Alkalinity as CaCO3	n/a	<	0.56	mg/L	SM 2320 B	0.56	2			
2018/19-5	000NONPJ	lab duplicate	5/3/2019	Conventional	BOD	n/a	<	2	mg/L	SM 5210 B	2	2		20	
2018/19-5	000NONPJ	lab duplicate	5/14/2019	Conventional	BOD	n/a	<	2	mg/L	SM 5210 B	2	2		20	
2018/19-5	000NONPJ	lab duplicate	5/20/2019	Conventional	BOD	n/a	<	2	mg/L	SM 5210 B	2	2		20	
2018/19-5	Lab	LCS	5/3/2019	Conventional	BOD	n/a	=	214	mg/L	SM 5210 B	2	2			
2018/19-5	Lab	LCS, rec	5/3/2019	Conventional	BOD	n/a	=	108	%	SM 5210 B	-88	-88	85	115	
2018/19-5	Lab	method blank	5/3/2019	Conventional	BOD	n/a	<	2	mg/L	SM 5210 B	2	2			
2018/19-5	Lab	method blank	5/3/2019	Conventional	BOD	n/a	<	2	mg/L	SM 5210 B	2	2			
2018/19-5	Lab	method blank	5/14/2019	Conventional	BOD	n/a	<	2	mg/L	SM 5210 B	2	2			
2018/19-5	Lab	method blank	5/14/2019	Conventional	BOD	n/a	<	2	mg/L	SM 5210 B	2	2			
2018/19-5	Lab	LCS	5/14/2019	Conventional	BOD	n/a	=	210	mg/L	SM 5210 B	2	2			
2018/19-5	Lab	LCS, rec	5/14/2019	Conventional	BOD	n/a	=	106	%	SM 5210 B	-88	-88	85	115	
2018/19-5	Lab	method blank	5/20/2019	Conventional	BOD	n/a	<	2	mg/L	SM 5210 B	2	2			
2018/19-5	Lab	LCS	5/20/2019	Conventional	BOD	n/a	=	208	mg/L	SM 5210 B	2	2			
2018/19-5	Lab	LCS, rec	5/20/2019	Conventional	BOD	n/a	=	105	%	SM 5210 B	-88	-88	85	115	
2018/19-5	Lab	method blank	5/20/2019	Conventional	BOD	n/a	<	2	mg/L	SM 5210 B	2	2			
2018/19-5	ME-VR2	lab duplicate	5/14/2019	Conventional	BOD	n/a	<	2	mg/L	SM 5210 B	2	2		20	
2018/19-5	000NONPJ	lab duplicate	5/8/2019	Conventional	COD	n/a	=	7030	mg/L	EPA 410.4	15	100		15	
2018/19-5	000NONPJ	matrix spike	5/8/2019	Conventional	COD	n/a	=	212	mg/L	EPA 410.4	2.9	20			
2018/19-5	000NONPJ	matrix spike	5/8/2019	Conventional	COD	n/a	=	2440	mg/L	EPA 410.4	2.9	20			
2018/19-5	000NONPJ	matrix spike dup	5/8/2019	Conventional	COD	n/a	=	2520	mg/L	EPA 410.4	2.9	20			
2018/19-5	000NONPJ	matrix spike dup	5/8/2019	Conventional	COD	n/a	=	196	mg/L	EPA 410.4	2.9	20			
2018/19-5	000NONPJ	matrix spike dup, rec	5/8/2019	Conventional	COD	n/a	=	95	%	EPA 410.4	-88	-88	90	110	
2018/19-5	000NONPJ	matrix spike dup, rec	5/8/2019	Conventional	COD	n/a	=	99	%	EPA 410.4	-88	-88	90	110	
2018/19-5	000NONPJ	matrix spike, rec	5/8/2019	Conventional	COD	n/a	=	95	%	EPA 410.4	-88	-88	90	110	
2018/19-5	000NONPJ	matrix spike, rec	5/8/2019	Conventional	COD	n/a	=	103	%	EPA 410.4	-88	-88	90	110	
2018/19-5	000NONPJ	matrix spike, RPD	5/8/2019	Conventional	COD	n/a	=	8	%	EPA 410.4	-88	-88	0	15	
2018/19-5	000NONPJ	matrix spike, RPD	5/8/2019	Conventional	COD	n/a	=	3	%	EPA 410.4	-88	-88	0	15	
2018/19-5	000NONPJ	lab duplicate	5/16/2019	Conventional	COD	n/a	=	3320	mg/L	EPA 410.4	5.8	40		15	
2018/19-5	000NONPJ	matrix spike	5/16/2019	Conventional	COD	n/a	=	2650	mg/L	EPA 410.4	2.9	20			
2018/19-5	000NONPJ	matrix spike	5/16/2019	Conventional	COD	n/a	=	190	mg/L	EPA 410.4	2.9	20			
2018/19-5	000NONPJ	matrix spike dup	5/16/2019	Conventional	COD	n/a	=	2600	mg/L	EPA 410.4	2.9	20			
2018/19-5	000NONPJ	matrix spike dup	5/16/2019	Conventional	COD	n/a	=	199	mg/L	EPA 410.4	2.9	20			
2018/19-5	000NONPJ	matrix spike dup, rec	5/16/2019	Conventional	COD	n/a	=	97	%	EPA 410.4	-88	-88	90	110	
2018/19-5	000NONPJ	matrix spike dup, rec	5/16/2019	Conventional	COD	n/a	=	98	%	EPA 410.4	-88	-88	90	110	
2018/19-5	000NONPJ	matrix spike, rec	5/16/2019	Conventional	COD	n/a	=	93	%	EPA 410.4	-88	-88	90	110	
2018/19-5	000NONPJ	matrix spike, rec	5/16/2019	Conventional	COD	n/a	=	99	%	EPA 410.4	-88	-88	90	110	
2018/19-5	000NONPJ	matrix spike, RPD	5/16/2019	Conventional	COD	n/a	=	2	%	EPA 410.4	-88	-88	0	15	
2018/19-5	000NONPJ	matrix spike, RPD	5/16/2019	Conventional	COD	n/a	=	5	%	EPA 410.4	-88	-88	0	15	
2018/19-5	000NONPJ	lab duplicate	5/17/2019	Conventional	COD	n/a	=	8300	mg/L	EPA 410.4	15	100		15	
2018/19-5	000NONPJ	matrix spike	5/17/2019	Conventional	COD	n/a	=	2940	mg/L	EPA 410.4	2.9	20			
2018/19-5	000NONPJ	matrix spike dup	5/17/2019	Conventional	COD	n/a	=	2900	mg/L	EPA 410.4	2.9	20			
2018/19-5	000NONPJ	matrix spike dup, rec	5/17/2019	Conventional	COD	n/a	=	93	%	EPA 410.4	-88	-88	90	110	
2018/19-5	000NONPJ	matrix spike, rec	5/17/2019	Conventional	COD	n/a	=	95	%	EPA 410.4	-88	-88	90	110	
2018/19-5	000NONPJ	matrix spike, RPD	5/17/2019	Conventional	COD	n/a	=	1	%	EPA 410.4	-88	-88	0	15	
2018/19-5	Lab	LCS	5/8/2019	Conventional	COD	n/a	=	901	mg/L	EPA 410.4	0.73	5			
2018/19-5	Lab	LCS, rec	5/8/2019	Conventional	COD	n/a	=	90	%	EPA 410.4	-88	-88	90	110	

Appendix F
Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2018/19-5	Lab	method blank	5/8/2019	Conventional	COD	n/a	<	0.73	mg/L	EPA 410.4	0.73	5			
2018/19-5	Lab	LCS	5/16/2019	Conventional	COD	n/a	=	901	mg/L	EPA 410.4	0.73	5			
2018/19-5	Lab	LCS, rec	5/16/2019	Conventional	COD	n/a	=	90	%	EPA 410.4	-88	-88	90	110	
2018/19-5	Lab	method blank	5/16/2019	Conventional	COD	n/a	<	0.73	mg/L	EPA 410.4	0.73	5			
2018/19-5	Lab	LCS	5/17/2019	Conventional	COD	n/a	=	922	mg/L	EPA 410.4	0.73	5			
2018/19-5	Lab	LCS, rec	5/17/2019	Conventional	COD	n/a	=	92	%	EPA 410.4	-88	-88	90	110	
2018/19-5	Lab	method blank	5/17/2019	Conventional	COD	n/a	<	0.73	mg/L	EPA 410.4	0.73	5			
2018/19-5	MO-THO	matrix spike	5/17/2019	Conventional	COD	n/a	=	212	mg/L	EPA 410.4	2.9	20			
2018/19-5	MO-THO	matrix spike dup	5/17/2019	Conventional	COD	n/a	=	210	mg/L	EPA 410.4	2.9	20			
2018/19-5	MO-THO	matrix spike dup, rec	5/17/2019	Conventional	COD	n/a	=	100	%	EPA 410.4	-88	-88	90	110	
2018/19-5	MO-THO	matrix spike, rec	5/17/2019	Conventional	COD	n/a	=	101	%	EPA 410.4	-88	-88	90	110	
2018/19-5	MO-THO	matrix spike, RPD	5/17/2019	Conventional	COD	n/a	=	0.9	%	EPA 410.4	-88	-88	0	15	
2018/19-5	000NONPJ	matrix spike	5/7/2019	Conventional	Cyanide	Total	=	0.0425	mg/L	ASTM D7511	0.0005	0.002			
2018/19-5	000NONPJ	matrix spike dup	5/7/2019	Conventional	Cyanide	Total	=	0.0404	mg/L	ASTM D7511	0.0005	0.002			
2018/19-5	000NONPJ	matrix spike dup, rec	5/7/2019	Conventional	Cyanide	Total	=	81	%	ASTM D7511	-88	-88	64	136	
2018/19-5	000NONPJ	matrix spike, rec	5/7/2019	Conventional	Cyanide	Total	=	85	%	ASTM D7511	-88	-88	64	136	
2018/19-5	000NONPJ	matrix spike, RPD	5/7/2019	Conventional	Cyanide	Total	=	5	%	ASTM D7511	-88	-88	0	47	
2018/19-5	000NONPJ	matrix spike	5/16/2019	Conventional	Cyanide	Total	=	0.0369	mg/L	ASTM D7511	0.0005	0.002			
2018/19-5	000NONPJ	matrix spike dup	5/16/2019	Conventional	Cyanide	Total	=	0.0369	mg/L	ASTM D7511	0.0005	0.002			
2018/19-5	000NONPJ	matrix spike dup, rec	5/16/2019	Conventional	Cyanide	Total	=	74	%	ASTM D7511	-88	-88	64	136	
2018/19-5	000NONPJ	matrix spike, rec	5/16/2019	Conventional	Cyanide	Total	=	74	%	ASTM D7511	-88	-88	64	136	
2018/19-5	000NONPJ	matrix spike, RPD	5/16/2019	Conventional	Cyanide	Total	=	0.2	%	ASTM D7511	-88	-88	0	47	
2018/19-5	Lab	LCS	5/7/2019	Conventional	Cyanide	Total	=	0.0521	mg/L	ASTM D7511	0.0005	0.002			
2018/19-5	Lab	LCS, rec	5/7/2019	Conventional	Cyanide	Total	=	104	%	ASTM D7511	-88	-88	84	116	
2018/19-5	Lab	method blank	5/7/2019	Conventional	Cyanide	Total	<	0.0005	mg/L	ASTM D7511	0.0005	0.002			
2018/19-5	Lab	LCS	5/16/2019	Conventional	Cyanide	Total	=	0.0478	mg/L	ASTM D7511	0.0005	0.002			
2018/19-5	Lab	LCS, rec	5/16/2019	Conventional	Cyanide	Total	=	96	%	ASTM D7511	-88	-88	84	116	
2018/19-5	Lab	method blank	5/16/2019	Conventional	Cyanide	Total	<	0.0005	mg/L	ASTM D7511	0.0005	0.002			
2018/19-5	Lab	LCS	5/23/2019	Conventional	Cyanide	Total	=	0.0522	mg/L	ASTM D7511	0.0005	0.002			
2018/19-5	Lab	LCS, rec	5/23/2019	Conventional	Cyanide	Total	=	104	%	ASTM D7511	-88	-88	84	116	
2018/19-5	Lab	method blank	5/23/2019	Conventional	Cyanide	Total	<	0.0005	mg/L	ASTM D7511	0.0005	0.002			
2018/19-5	MO-SIM	matrix spike	5/23/2019	Conventional	Cyanide	Total	=	0.0458	mg/L	ASTM D7511	0.0005	0.002			
2018/19-5	MO-SIM	matrix spike dup	5/23/2019	Conventional	Cyanide	Total	=	0.0455	mg/L	ASTM D7511	0.0005	0.002			
2018/19-5	MO-SIM	matrix spike dup, rec	5/23/2019	Conventional	Cyanide	Total	=	91	%	ASTM D7511	-88	-88	64	136	
2018/19-5	MO-SIM	matrix spike, rec	5/23/2019	Conventional	Cyanide	Total	=	92	%	ASTM D7511	-88	-88	64	136	
2018/19-5	MO-SIM	matrix spike, RPD	5/23/2019	Conventional	Cyanide	Total	=	0.7	%	ASTM D7511	-88	-88	0	47	
2018/19-5	Lab	LCS	5/7/2019	Conventional	Dissolved Inorganic Carbon	Dissolved	=	10	mg/L	SM 5310 B	0.016	0.5			
2018/19-5	Lab	LCS dup	5/7/2019	Conventional	Dissolved Inorganic Carbon	Dissolved	=	10.2	mg/L	SM 5310 B	0.016	0.5			
2018/19-5	Lab	LCS dup, rec	5/7/2019	Conventional	Dissolved Inorganic Carbon	Dissolved	=	102	%	SM 5310 B	-88	-88	85	115	
2018/19-5	Lab	LCS, rec	5/7/2019	Conventional	Dissolved Inorganic Carbon	Dissolved	=	100	%	SM 5310 B	-88	-88	85	115	
2018/19-5	Lab	LCS, RPD	5/7/2019	Conventional	Dissolved Inorganic Carbon	Dissolved	=	2	%	SM 5310 B	-88	-88	0	20	
2018/19-5	Lab	method blank	5/7/2019	Conventional	Dissolved Inorganic Carbon	Dissolved	DNQ	0.18	mg/L	SM 5310 B	0.016	0.5			IP
2018/19-5	Lab	LCS	5/17/2019	Conventional	Dissolved Inorganic Carbon	Dissolved	=	9.87	mg/L	SM 5310 B	0.016	0.1			
2018/19-5	Lab	LCS dup	5/17/2019	Conventional	Dissolved Inorganic Carbon	Dissolved	=	9.7	mg/L	SM 5310 B	0.016	0.1			
2018/19-5	Lab	LCS dup, rec	5/17/2019	Conventional	Dissolved Inorganic Carbon	Dissolved	=	97	%	SM 5310 B	-88	-88	85	115	
2018/19-5	Lab	LCS, rec	5/17/2019	Conventional	Dissolved Inorganic Carbon	Dissolved	=	99	%	SM 5310 B	-88	-88	85	115	
2018/19-5	Lab	LCS, RPD	5/17/2019	Conventional	Dissolved Inorganic Carbon	Dissolved	=	2	%	SM 5310 B	-88	-88	0	20	

Appendix F
Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2018/19-5	Lab	method blank	5/17/2019	Conventional	Dissolved Inorganic Carbon	Dissolved	DNQ	0.0542	mg/L	SM 5310 B	0.016	0.1			IP
2018/19-5	000NONPJ	matrix spike	5/9/2019	Conventional	Dissolved Organic Carbon	Dissolved	=	5.84	mg/L	SM 5310 B	0.013	0.3			
2018/19-5	000NONPJ	matrix spike dup	5/9/2019	Conventional	Dissolved Organic Carbon	Dissolved	=	5.83	mg/L	SM 5310 B	0.013	0.3			
2018/19-5	000NONPJ	matrix spike dup, rec	5/9/2019	Conventional	Dissolved Organic Carbon	Dissolved	=	81	%	SM 5310 B	-88	-88	74	120	
2018/19-5	000NONPJ	matrix spike, rec	5/9/2019	Conventional	Dissolved Organic Carbon	Dissolved	=	82	%	SM 5310 B	-88	-88	74	120	
2018/19-5	000NONPJ	matrix spike, RPD	5/9/2019	Conventional	Dissolved Organic Carbon	Dissolved	=	0.2	%	SM 5310 B	-88	-88	0	20	
2018/19-5	000NONPJ	matrix spike	5/22/2019	Conventional	Dissolved Organic Carbon	Dissolved	=	6.72	mg/L	SM 5310 B	0.013	0.3			
2018/19-5	000NONPJ	matrix spike dup	5/22/2019	Conventional	Dissolved Organic Carbon	Dissolved	=	6.71	mg/L	SM 5310 B	0.013	0.3			
2018/19-5	000NONPJ	matrix spike dup, rec	5/22/2019	Conventional	Dissolved Organic Carbon	Dissolved	=	86	%	SM 5310 B	-88	-88	74	120	
2018/19-5	000NONPJ	matrix spike, rec	5/22/2019	Conventional	Dissolved Organic Carbon	Dissolved	=	86	%	SM 5310 B	-88	-88	74	120	
2018/19-5	000NONPJ	matrix spike, RPD	5/22/2019	Conventional	Dissolved Organic Carbon	Dissolved	=	0.2	%	SM 5310 B	-88	-88	0	20	
2018/19-5	Lab	LCS	5/9/2019	Conventional	Dissolved Organic Carbon	Dissolved	=	1.03	mg/L	SM 5310 B	0.013	0.3			
2018/19-5	Lab	LCS, rec	5/9/2019	Conventional	Dissolved Organic Carbon	Dissolved	=	103	%	SM 5310 B	-88	-88	85	115	
2018/19-5	Lab	method blank	5/9/2019	Conventional	Dissolved Organic Carbon	Dissolved	DNQ	0.0843	mg/L	SM 5310 B	0.013	0.3			IP
2018/19-5	Lab	LCS	5/22/2019	Conventional	Dissolved Organic Carbon	Dissolved	=	0.951	mg/L	SM 5310 B	0.013	0.3			
2018/19-5	Lab	LCS, rec	5/22/2019	Conventional	Dissolved Organic Carbon	Dissolved	=	95	%	SM 5310 B	-88	-88	85	115	
2018/19-5	Lab	method blank	5/22/2019	Conventional	Dissolved Organic Carbon	Dissolved	DNQ	0.038	mg/L	SM 5310 B	0.013	0.3			IP
2018/19-5	000NONPJ	matrix spike	5/2/2019	Conventional	MBAS	n/a	=	0.224	mg/L	SM 5540 C	0.019	0.05			
2018/19-5	000NONPJ	matrix spike, rec	5/2/2019	Conventional	MBAS	n/a	=	112	%	SM 5540 C	-88	-88	74	123	
2018/19-5	000NONPJ	matrix spike dup	5/2/2019	Conventional	MBAS	n/a	=	0.214	mg/L	SM 5540 C	0.019	0.05			
2018/19-5	000NONPJ	matrix spike dup, rec	5/2/2019	Conventional	MBAS	n/a	=	107	%	SM 5540 C	-88	-88	74	123	
2018/19-5	000NONPJ	matrix spike, RPD	5/2/2019	Conventional	MBAS	n/a	=	5	%	SM 5540 C	-88	-88	0	20	
2018/19-5	000NONPJ	matrix spike	5/9/2019	Conventional	MBAS	n/a	=	0.204	mg/L	SM 5540 C	0.019	0.05			
2018/19-5	000NONPJ	matrix spike dup	5/9/2019	Conventional	MBAS	n/a	=	0.195	mg/L	SM 5540 C	0.019	0.05			
2018/19-5	000NONPJ	matrix spike dup, rec	5/9/2019	Conventional	MBAS	n/a	=	98	%	SM 5540 C	-88	-88	74	123	
2018/19-5	000NONPJ	matrix spike, rec	5/9/2019	Conventional	MBAS	n/a	=	102	%	SM 5540 C	-88	-88	74	123	
2018/19-5	000NONPJ	matrix spike, RPD	5/9/2019	Conventional	MBAS	n/a	=	4	%	SM 5540 C	-88	-88	0	20	
2018/19-5	000NONPJ	matrix spike	5/15/2019	Conventional	MBAS	n/a	=	0.283	mg/L	SM 5540 C	0.019	0.05			
2018/19-5	000NONPJ	matrix spike dup	5/15/2019	Conventional	MBAS	n/a	=	0.292	mg/L	SM 5540 C	0.019	0.05			
2018/19-5	000NONPJ	matrix spike dup, rec	5/15/2019	Conventional	MBAS	n/a	=	99	%	SM 5540 C	-88	-88	74	123	
2018/19-5	000NONPJ	matrix spike, rec	5/15/2019	Conventional	MBAS	n/a	=	94	%	SM 5540 C	-88	-88	74	123	
2018/19-5	000NONPJ	matrix spike, RPD	5/15/2019	Conventional	MBAS	n/a	=	3	%	SM 5540 C	-88	-88	0	20	
2018/19-5	Lab	LCS	5/2/2019	Conventional	MBAS	n/a	=	0.191	mg/L	SM 5540 C	0.019	0.05			
2018/19-5	Lab	LCS, rec	5/2/2019	Conventional	MBAS	n/a	=	95	%	SM 5540 C	-88	-88	82	115	
2018/19-5	Lab	method blank	5/2/2019	Conventional	MBAS	n/a	<	0.019	mg/L	SM 5540 C	0.019	0.05			
2018/19-5	Lab	method blank	5/9/2019	Conventional	MBAS	n/a	<	0.019	mg/L	SM 5540 C	0.019	0.05			
2018/19-5	Lab	LCS	5/9/2019	Conventional	MBAS	n/a	=	0.206	mg/L	SM 5540 C	0.019	0.05			
2018/19-5	Lab	LCS, rec	5/9/2019	Conventional	MBAS	n/a	=	103	%	SM 5540 C	-88	-88	82	115	
2018/19-5	Lab	LCS	5/15/2019	Conventional	MBAS	n/a	=	0.21	mg/L	SM 5540 C	0.019	0.05			
2018/19-5	Lab	LCS, rec	5/15/2019	Conventional	MBAS	n/a	=	105	%	SM 5540 C	-88	-88	82	115	
2018/19-5	Lab	method blank	5/15/2019	Conventional	MBAS	n/a	<	0.019	mg/L	SM 5540 C	0.019	0.05			
2018/19-5	000NONPJ	matrix spike	5/10/2019	Conventional	Phenolics	n/a	=	0.25	mg/L	EPA 420.4	0.0042	0.01			
2018/19-5	000NONPJ	matrix spike dup	5/10/2019	Conventional	Phenolics	n/a	=	0.248	mg/L	EPA 420.4	0.0042	0.01			
2018/19-5	000NONPJ	matrix spike dup, rec	5/10/2019	Conventional	Phenolics	n/a	=	99	%	EPA 420.4	-88	-88	90	110	
2018/19-5	000NONPJ	matrix spike, rec	5/10/2019	Conventional	Phenolics	n/a	=	100	%	EPA 420.4	-88	-88	90	110	
2018/19-5	000NONPJ	matrix spike, RPD	5/10/2019	Conventional	Phenolics	n/a	=	0.9	%	EPA 420.4	-88	-88	0	20	
2018/19-5	000NONPJ	matrix spike	5/16/2019	Conventional	Phenolics	n/a	=	0.244	mg/L	EPA 420.4	0.0042	0.01			

Appendix F
Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2018/19-5	000NONPJ	matrix spike dup	5/16/2019	Conventional	Phenolics	n/a	=	0.239	mg/L	EPA 420.4	0.0042	0.01			
2018/19-5	000NONPJ	matrix spike dup, rec	5/16/2019	Conventional	Phenolics	n/a	=	96	%	EPA 420.4	-88	-88	90	110	
2018/19-5	000NONPJ	matrix spike, rec	5/16/2019	Conventional	Phenolics	n/a	=	98	%	EPA 420.4	-88	-88	90	110	
2018/19-5	000NONPJ	matrix spike, RPD	5/16/2019	Conventional	Phenolics	n/a	=	2	%	EPA 420.4	-88	-88	0	20	
2018/19-5	000NONPJ	matrix spike	5/21/2019	Conventional	Phenolics	n/a	=	0.268	mg/L	EPA 420.4	0.0042	0.01			
2018/19-5	000NONPJ	matrix spike dup	5/21/2019	Conventional	Phenolics	n/a	=	0.266	mg/L	EPA 420.4	0.0042	0.01			
2018/19-5	000NONPJ	matrix spike dup, rec	5/21/2019	Conventional	Phenolics	n/a	=	106	%	EPA 420.4	-88	-88	90	110	
2018/19-5	000NONPJ	matrix spike, rec	5/21/2019	Conventional	Phenolics	n/a	=	107	%	EPA 420.4	-88	-88	90	110	
2018/19-5	000NONPJ	matrix spike, RPD	5/21/2019	Conventional	Phenolics	n/a	=	0.8	%	EPA 420.4	-88	-88	0	20	
2018/19-5	Lab	LCS	5/10/2019	Conventional	Phenolics	n/a	=	0.0962	mg/L	EPA 420.4	0.0042	0.01			
2018/19-5	Lab	LCS, rec	5/10/2019	Conventional	Phenolics	n/a	=	96	%	EPA 420.4	-88	-88	90	110	
2018/19-5	Lab	method blank	5/10/2019	Conventional	Phenolics	n/a	<	0.0042	mg/L	EPA 420.4	0.0042	0.01			
2018/19-5	Lab	LCS	5/16/2019	Conventional	Phenolics	n/a	=	0.0934	mg/L	EPA 420.4	0.0042	0.01			
2018/19-5	Lab	LCS, rec	5/16/2019	Conventional	Phenolics	n/a	=	93	%	EPA 420.4	-88	-88	90	110	
2018/19-5	Lab	method blank	5/16/2019	Conventional	Phenolics	n/a	<	0.0042	mg/L	EPA 420.4	0.0042	0.01			
2018/19-5	Lab	LCS	5/21/2019	Conventional	Phenolics	n/a	=	0.199	mg/L	EPA 420.4	0.0042	0.01			
2018/19-5	Lab	LCS, rec	5/21/2019	Conventional	Phenolics	n/a	=	99	%	EPA 420.4	-88	-88	90	110	
2018/19-5	Lab	method blank	5/21/2019	Conventional	Phenolics	n/a	<	0.0042	mg/L	EPA 420.4	0.0042	0.01			
2018/19-5	000NONPJ	lab duplicate	5/3/2019	Conventional	Specific Conductance	n/a	=	1110	µmhos/cm	SM 2510 B	2.8	6		4.28	
2018/19-5	000NONPJ	lab duplicate	5/9/2019	Conventional	Specific Conductance	n/a	=	659	µmhos/cm	SM 2510 B	0.94	2		4.28	
2018/19-5	000NONPJ	lab duplicate	5/10/2019	Conventional	Specific Conductance	n/a	=	5810	µmhos/cm	SM 2510 B	0.94	2		4.28	
2018/19-5	000NONPJ	lab duplicate	5/16/2019	Conventional	Specific Conductance	n/a	=	646	µmhos/cm	SM 2510 B	0.23	2		4.28	
2018/19-5	Lab	LCS	5/3/2019	Conventional	Specific Conductance	n/a	=	179	µmhos/cm	SM 2510 B	0.94	2			
2018/19-5	Lab	LCS, rec	5/3/2019	Conventional	Specific Conductance	n/a	=	99	%	SM 2510 B	-88	-88	95	105	
2018/19-5	Lab	method blank	5/3/2019	Conventional	Specific Conductance	n/a	<	0.94	µmhos/cm	SM 2510 B	0.94	2			
2018/19-5	Lab	LCS	5/9/2019	Conventional	Specific Conductance	n/a	=	183	µmhos/cm	SM 2510 B	0.94	2			
2018/19-5	Lab	LCS, rec	5/9/2019	Conventional	Specific Conductance	n/a	=	101	%	SM 2510 B	-88	-88	95	105	
2018/19-5	Lab	method blank	5/9/2019	Conventional	Specific Conductance	n/a	<	0.94	µmhos/cm	SM 2510 B	0.94	2			
2018/19-5	Lab	LCS	5/10/2019	Conventional	Specific Conductance	n/a	=	24900	µmhos/cm	SM 2510 B	0.94	2			
2018/19-5	Lab	LCS, rec	5/10/2019	Conventional	Specific Conductance	n/a	=	100	%	SM 2510 B	-88	-88	95	105	
2018/19-5	Lab	method blank	5/10/2019	Conventional	Specific Conductance	n/a	<	0.94	µmhos/cm	SM 2510 B	0.94	2			
2018/19-5	Lab	LCS	5/16/2019	Conventional	Specific Conductance	n/a	=	180	µmhos/cm	SM 2510 B	0.23	2			
2018/19-5	Lab	LCS, rec	5/16/2019	Conventional	Specific Conductance	n/a	=	100	%	SM 2510 B	-88	-88	95	105	
2018/19-5	Lab	method blank	5/16/2019	Conventional	Specific Conductance	n/a	<	0.23	µmhos/cm	SM 2510 B	0.23	2			
2018/19-5	000NONPJ	lab duplicate	5/16/2019	Conventional	Total Chlorine Residual	n/a	=	3.44	mg/L	SM 4500-Cl G	0.03	1			
2018/19-5	000NONPJ	matrix spike	5/16/2019	Conventional	Total Chlorine Residual	n/a	=	6.44	mg/L	SM 4500-Cl G	0.03	1			GB
2018/19-5	000NONPJ	matrix spike dup	5/16/2019	Conventional	Total Chlorine Residual	n/a	=	6.94	mg/L	SM 4500-Cl G	0.03	1			
2018/19-5	000NONPJ	matrix spike dup, rec	5/16/2019	Conventional	Total Chlorine Residual	n/a	=	85	%	SM 4500-Cl G	-88	-88	78	114	
2018/19-5	000NONPJ	matrix spike, rec	5/16/2019	Conventional	Total Chlorine Residual	n/a	=	72	%	SM 4500-Cl G	-88	-88	78	114	GB
2018/19-5	000NONPJ	matrix spike, RPD	5/16/2019	Conventional	Total Chlorine Residual	n/a	=	7	%	SM 4500-Cl G	-88	-88	0	15	
2018/19-5	Lab	LCS	5/3/2019	Conventional	Total Chlorine Residual	n/a	=	0.183	mg/L	SM 4500-Cl G	0.0015	0.05			
2018/19-5	Lab	LCS, rec	5/3/2019	Conventional	Total Chlorine Residual	n/a	=	92	%	SM 4500-Cl G	-88	-88	85	110	
2018/19-5	Lab	method blank	5/3/2019	Conventional	Total Chlorine Residual	n/a	<	0.0015	mg/L	SM 4500-Cl G	0.0015	0.05			
2018/19-5	Lab	LCS	5/9/2019	Conventional	Total Chlorine Residual	n/a	=	0.188	mg/L	SM 4500-Cl G	0.0015	0.05			
2018/19-5	Lab	LCS, rec	5/9/2019	Conventional	Total Chlorine Residual	n/a	=	94	%	SM 4500-Cl G	-88	-88	85	110	
2018/19-5	Lab	method blank	5/9/2019	Conventional	Total Chlorine Residual	n/a	<	0.0015	mg/L	SM 4500-Cl G	0.0015	0.05			
2018/19-5	Lab	LCS	5/16/2019	Conventional	Total Chlorine Residual	n/a	=	0.205	mg/L	SM 4500-Cl G	0.0015	0.05			

Appendix F
Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2018/19-5	Lab	LCS, rec	5/16/2019	Conventional	Total Chlorine Residual	n/a	=	102	%	SM 4500-Cl G	-88	-88	85	110	
2018/19-5	Lab	method blank	5/16/2019	Conventional	Total Chlorine Residual	n/a	<	0.0015	mg/L	SM 4500-Cl G	0.0015	0.05			
2018/19-5	ME-VR2	lab duplicate	5/9/2019	Conventional	Total Chlorine Residual	n/a	DNQ	0.013	mg/L	SM 4500-Cl G	0.0015	0.05		15	BV
2018/19-5	ME-VR2	matrix spike	5/9/2019	Conventional	Total Chlorine Residual	n/a	=	0.207	mg/L	SM 4500-Cl G	0.0015	0.05			
2018/19-5	ME-VR2	matrix spike dup	5/9/2019	Conventional	Total Chlorine Residual	n/a	=	0.21	mg/L	SM 4500-Cl G	0.0015	0.05			
2018/19-5	ME-VR2	matrix spike dup, rec	5/9/2019	Conventional	Total Chlorine Residual	n/a	=	100	%	SM 4500-Cl G	-88	-88	78	114	
2018/19-5	ME-VR2	matrix spike, rec	5/9/2019	Conventional	Total Chlorine Residual	n/a	=	98	%	SM 4500-Cl G	-88	-88	78	114	
2018/19-5	ME-VR2	matrix spike, RPD	5/9/2019	Conventional	Total Chlorine Residual	n/a	=	1	%	SM 4500-Cl G	-88	-88	0	15	
2018/19-5	MO-FIL	lab duplicate	5/3/2019	Conventional	Total Chlorine Residual	n/a	DNQ	0.044	mg/L	SM 4500-Cl G	0.0015	0.05		15	BV
2018/19-5	MO-FIL	matrix spike	5/3/2019	Conventional	Total Chlorine Residual	n/a	=	0.095	mg/L	SM 4500-Cl G	0.0015	0.05			GB
2018/19-5	MO-FIL	matrix spike dup	5/3/2019	Conventional	Total Chlorine Residual	n/a	=	0.083	mg/L	SM 4500-Cl G	0.0015	0.05			GB
2018/19-5	MO-FIL	matrix spike dup, rec	5/3/2019	Conventional	Total Chlorine Residual	n/a	=	20	%	SM 4500-Cl G	-88	-88	78	114	GB
2018/19-5	MO-FIL	matrix spike, rec	5/3/2019	Conventional	Total Chlorine Residual	n/a	=	26	%	SM 4500-Cl G	-88	-88	78	114	GB
2018/19-5	MO-FIL	matrix spike, RPD	5/3/2019	Conventional	Total Chlorine Residual	n/a	=	13	%	SM 4500-Cl G	-88	-88	0	15	GB
2018/19-5	000NONPJ	lab duplicate	5/3/2019	Conventional	Total Dissolved Solids	n/a	=	22100	mg/L	SM 2540 C	4	10		10	
2018/19-5	000NONPJ	lab duplicate	5/13/2019	Conventional	Total Dissolved Solids	n/a	=	3520	mg/L	SM 2540 C	4	10		10	
2018/19-5	000NONPJ	lab duplicate	5/15/2019	Conventional	Total Dissolved Solids	n/a	=	35000	mg/L	SM 2540 C	4	10		10	
2018/19-5	Lab	LCS	5/3/2019	Conventional	Total Dissolved Solids	n/a	=	809	mg/L	SM 2540 C	4	10			
2018/19-5	Lab	LCS, rec	5/3/2019	Conventional	Total Dissolved Solids	n/a	=	98	%	SM 2540 C	-88	-88	96	102	
2018/19-5	Lab	method blank	5/3/2019	Conventional	Total Dissolved Solids	n/a	<	4	mg/L	SM 2540 C	4	10			
2018/19-5	Lab	LCS	5/13/2019	Conventional	Total Dissolved Solids	n/a	=	813	mg/L	SM 2540 C	4	10			
2018/19-5	Lab	LCS, rec	5/13/2019	Conventional	Total Dissolved Solids	n/a	=	99	%	SM 2540 C	-88	-88	96	102	
2018/19-5	Lab	method blank	5/13/2019	Conventional	Total Dissolved Solids	n/a	<	4	mg/L	SM 2540 C	4	10			
2018/19-5	Lab	LCS	5/15/2019	Conventional	Total Dissolved Solids	n/a	=	816	mg/L	SM 2540 C	4	10			
2018/19-5	Lab	LCS, rec	5/15/2019	Conventional	Total Dissolved Solids	n/a	=	99	%	SM 2540 C	-88	-88	96	102	
2018/19-5	Lab	method blank	5/15/2019	Conventional	Total Dissolved Solids	n/a	<	4	mg/L	SM 2540 C	4	10			
2018/19-5	MO-HUE	lab duplicate	5/13/2019	Conventional	Total Dissolved Solids	n/a	=	9000	mg/L	SM 2540 C	4	10		10	
2018/19-5	MO-SIM	lab duplicate	5/15/2019	Conventional	Total Dissolved Solids	n/a	=	2370	mg/L	SM 2540 C	4	10		10	
2018/19-5	MO-VEN	lab duplicate	5/3/2019	Conventional	Total Dissolved Solids	n/a	=	6460	mg/L	SM 2540 C	4	10		10	
2018/19-5	000NONPJ	matrix spike	5/8/2019	Conventional	Total Organic Carbon	n/a	=	5.46	mg/L	SM 5310 B	0.009	0.3			
2018/19-5	000NONPJ	matrix spike dup	5/8/2019	Conventional	Total Organic Carbon	n/a	=	5.85	mg/L	SM 5310 B	0.009	0.3			
2018/19-5	000NONPJ	matrix spike dup, rec	5/8/2019	Conventional	Total Organic Carbon	n/a	=	103	%	SM 5310 B	-88	-88	76	115	
2018/19-5	000NONPJ	matrix spike, rec	5/8/2019	Conventional	Total Organic Carbon	n/a	=	95	%	SM 5310 B	-88	-88	76	115	
2018/19-5	000NONPJ	matrix spike, RPD	5/8/2019	Conventional	Total Organic Carbon	n/a	=	7	%	SM 5310 B	-88	-88	0	20	
2018/19-5	000NONPJ	matrix spike	5/13/2019	Conventional	Total Organic Carbon	n/a	=	5.23	mg/L	SM 5310 B	0.009	0.3			
2018/19-5	000NONPJ	matrix spike dup	5/13/2019	Conventional	Total Organic Carbon	n/a	=	5.14	mg/L	SM 5310 B	0.009	0.3			
2018/19-5	000NONPJ	matrix spike dup, rec	5/13/2019	Conventional	Total Organic Carbon	n/a	=	98	%	SM 5310 B	-88	-88	76	115	
2018/19-5	000NONPJ	matrix spike, rec	5/13/2019	Conventional	Total Organic Carbon	n/a	=	100	%	SM 5310 B	-88	-88	76	115	
2018/19-5	000NONPJ	matrix spike, RPD	5/13/2019	Conventional	Total Organic Carbon	n/a	=	2	%	SM 5310 B	-88	-88	0	20	
2018/19-5	000NONPJ	matrix spike	5/20/2019	Conventional	Total Organic Carbon	n/a	=	12.1	mg/L	SM 5310 B	0.009	0.3			
2018/19-5	000NONPJ	matrix spike dup	5/20/2019	Conventional	Total Organic Carbon	n/a	=	13	mg/L	SM 5310 B	0.009	0.3			
2018/19-5	000NONPJ	matrix spike dup, rec	5/20/2019	Conventional	Total Organic Carbon	n/a	=	108	%	SM 5310 B	-88	-88	76	115	
2018/19-5	000NONPJ	matrix spike, rec	5/20/2019	Conventional	Total Organic Carbon	n/a	=	90	%	SM 5310 B	-88	-88	76	115	
2018/19-5	000NONPJ	matrix spike, RPD	5/20/2019	Conventional	Total Organic Carbon	n/a	=	7	%	SM 5310 B	-88	-88	0	20	
2018/19-5	Lab	LCS	5/8/2019	Conventional	Total Organic Carbon	n/a	=	1.09	mg/L	SM 5310 B	0.009	0.3			
2018/19-5	Lab	LCS, rec	5/8/2019	Conventional	Total Organic Carbon	n/a	=	109	%	SM 5310 B	-88	-88	85	115	
2018/19-5	Lab	method blank	5/8/2019	Conventional	Total Organic Carbon	n/a	<	0.009	mg/L	SM 5310 B	0.009	0.3			

Appendix F
Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2018/19-5	Lab	LCS	5/13/2019	Conventional	Total Organic Carbon	n/a	=	1.1	mg/L	SM 5310 B	0.009	0.3			
2018/19-5	Lab	LCS, rec	5/13/2019	Conventional	Total Organic Carbon	n/a	=	110	%	SM 5310 B	-88	-88	85	115	
2018/19-5	Lab	method blank	5/13/2019	Conventional	Total Organic Carbon	n/a	<	0.009	mg/L	SM 5310 B	0.009	0.3			
2018/19-5	Lab	LCS	5/20/2019	Conventional	Total Organic Carbon	n/a	=	0.974	mg/L	SM 5310 B	0.009	0.3			
2018/19-5	Lab	LCS, rec	5/20/2019	Conventional	Total Organic Carbon	n/a	=	97	%	SM 5310 B	-88	-88	85	115	
2018/19-5	Lab	method blank	5/20/2019	Conventional	Total Organic Carbon	n/a	<	0.009	mg/L	SM 5310 B	0.009	0.3			
2018/19-5	000NONPJ	lab duplicate	5/7/2019	Conventional	Total Suspended Solids	n/a	DNQ	4.8	mg/L	SM 2540 D	-88	5		20	
2018/19-5	000NONPJ	lab duplicate	5/13/2019	Conventional	Total Suspended Solids	n/a	=	10	mg/L	SM 2540 D	-88	5		20	
2018/19-5	000NONPJ	lab duplicate	5/17/2019	Conventional	Total Suspended Solids	n/a	DNQ	1.4	mg/L	SM 2540 D	-88	5		20	
2018/19-5	Lab	LCS	5/7/2019	Conventional	Total Suspended Solids	n/a	=	64.5	mg/L	SM 2540 D	-88	5			
2018/19-5	Lab	LCS, rec	5/7/2019	Conventional	Total Suspended Solids	n/a	=	105	%	SM 2540 D	-88	-88	90	110	
2018/19-5	Lab	method blank	5/7/2019	Conventional	Total Suspended Solids	n/a	DNQ	0.2	mg/L	SM 2540 D	-88	5			IP
2018/19-5	Lab	LCS	5/13/2019	Conventional	Total Suspended Solids	n/a	=	63	mg/L	SM 2540 D	-88	5			
2018/19-5	Lab	LCS, rec	5/13/2019	Conventional	Total Suspended Solids	n/a	=	108	%	SM 2540 D	-88	-88	90	110	
2018/19-5	Lab	method blank	5/13/2019	Conventional	Total Suspended Solids	n/a	DNQ	0.4	mg/L	SM 2540 D	-88	5			IP
2018/19-5	Lab	LCS	5/17/2019	Conventional	Total Suspended Solids	n/a	=	58.7	mg/L	SM 2540 D	-88	5			
2018/19-5	Lab	LCS, rec	5/17/2019	Conventional	Total Suspended Solids	n/a	=	110	%	SM 2540 D	-88	-88	90	110	
2018/19-5	Lab	method blank	5/17/2019	Conventional	Total Suspended Solids	n/a	DNQ	0.1	mg/L	SM 2540 D	-88	5			IP
2018/19-5	ME-SCR	lab duplicate	5/7/2019	Conventional	Total Suspended Solids	n/a	=	71.6	mg/L	SM 2540 D	-88	5		20	
2018/19-5	MO-HUE	lab duplicate	5/13/2019	Conventional	Total Suspended Solids	n/a	=	14.6	mg/L	SM 2540 D	-88	5		20	
2018/19-5	MO-THO	lab duplicate	5/17/2019	Conventional	Total Suspended Solids	n/a	DNQ	0.6	mg/L	SM 2540 D	-88	5		20	
2018/19-5	Lab	method blank	5/2/2019	Conventional	Turbidity	n/a	<	0.024	NTU	EPA 180.1	0.024	0.1			
2018/19-5	Lab	LCS	5/2/2019	Conventional	Turbidity	n/a	=	2.01	NTU	EPA 180.1	0.024	0.1			
2018/19-5	Lab	LCS	5/2/2019	Conventional	Turbidity	n/a	=	10	NTU	EPA 180.1	0.024	0.1			
2018/19-5	Lab	LCS, rec	5/2/2019	Conventional	Turbidity	n/a	=	100	%	EPA 180.1	-88	-88	90	110	
2018/19-5	Lab	LCS, rec	5/2/2019	Conventional	Turbidity	n/a	=	100	%	EPA 180.1	-88	-88	90	110	
2018/19-5	Lab	LCS	5/9/2019	Conventional	Turbidity	n/a	=	10.1	NTU	EPA 180.1	0.024	0.1			
2018/19-5	Lab	LCS, rec	5/9/2019	Conventional	Turbidity	n/a	=	101	%	EPA 180.1	-88	-88	90	110	
2018/19-5	Lab	method blank	5/9/2019	Conventional	Turbidity	n/a	<	0.024	NTU	EPA 180.1	0.024	0.1			
2018/19-5	Lab	LCS	5/9/2019	Conventional	Turbidity	n/a	=	4	NTU	EPA 180.1	0.024	0.1			
2018/19-5	Lab	LCS, rec	5/9/2019	Conventional	Turbidity	n/a	=	100	%	EPA 180.1	-88	-88	90	110	
2018/19-5	Lab	LCS	5/14/2019	Conventional	Turbidity	n/a	=	10.1	NTU	EPA 180.1	0.024	0.1			
2018/19-5	Lab	LCS, rec	5/14/2019	Conventional	Turbidity	n/a	=	101	%	EPA 180.1	-88	-88	90	110	
2018/19-5	Lab	method blank	5/14/2019	Conventional	Turbidity	n/a	<	0.024	NTU	EPA 180.1	0.024	0.1			
2018/19-5	Lab	LCS	5/14/2019	Conventional	Turbidity	n/a	=	4.01	NTU	EPA 180.1	0.024	0.1			
2018/19-5	Lab	LCS, rec	5/14/2019	Conventional	Turbidity	n/a	=	100	%	EPA 180.1	-88	-88	90	110	
2018/19-5	ME-SCR	lab duplicate	5/2/2019	Conventional	Turbidity	n/a	=	56	NTU	EPA 180.1	0.096	0.4		10	
2018/19-5	MO-CAM	lab duplicate	5/14/2019	Conventional	Turbidity	n/a	=	3	NTU	EPA 180.1	0.024	0.1		10	
2018/19-5	MO-HUE	lab duplicate	5/9/2019	Conventional	Turbidity	n/a	=	14.1	NTU	EPA 180.1	0.024	0.1		10	
2018/19-5	Lab	LCS	5/7/2019	Conventional	Volatile Suspended Solids	n/a	=	47	mg/L	EPA 160.4	3.1	5			
2018/19-5	Lab	LCS, rec	5/7/2019	Conventional	Volatile Suspended Solids	n/a	=	110	%	EPA 160.4	-88	-88	90	110	
2018/19-5	Lab	method blank	5/7/2019	Conventional	Volatile Suspended Solids	n/a	<	3.1	mg/L	EPA 160.4	3.1	5			
2018/19-5	Lab	LCS	5/13/2019	Conventional	Volatile Suspended Solids	n/a	=	46	mg/L	EPA 160.4	3.1	5			
2018/19-5	Lab	LCS, rec	5/13/2019	Conventional	Volatile Suspended Solids	n/a	=	110	%	EPA 160.4	-88	-88	90	110	
2018/19-5	Lab	method blank	5/13/2019	Conventional	Volatile Suspended Solids	n/a	<	3.1	mg/L	EPA 160.4	3.1	5			
2018/19-5	Lab	LCS	5/17/2019	Conventional	Volatile Suspended Solids	n/a	=	42	mg/L	EPA 160.4	3.1	5			
2018/19-5	Lab	LCS, rec	5/17/2019	Conventional	Volatile Suspended Solids	n/a	=	110	%	EPA 160.4	-88	-88	90	110	

Appendix F
Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2018/19-5	Lab	method blank	5/17/2019	Conventional	Volatile Suspended Solids	n/a	<	3.1	mg/L	EPA 160.4	3.1	5			
2018/19-5	ME-SCR	lab duplicate	5/7/2019	Conventional	Volatile Suspended Solids	n/a	=	10	mg/L	EPA 160.4	3.1	5		15	
2018/19-5	MO-HUE	lab duplicate	5/13/2019	Conventional	Volatile Suspended Solids	n/a	=	8.3	mg/L	EPA 160.4	3.1	5		15	
2018/19-5	MO-THO	lab duplicate	5/17/2019	Conventional	Volatile Suspended Solids	n/a	<	3.1	mg/L	EPA 160.4	3.1	5		15	
2018/19-5	Lab	method blank	5/18/2019	Hydrocarbon	Diesel Range Organics	n/a	DNQ	0.0264	mg/L	EPA 8015D	0.024	0.1			IP
2018/19-5	Lab	LCS	5/18/2019	Hydrocarbon	Diesel Range Organics	n/a	=	0.283	mg/L	EPA 8015D	0.024	0.1			
2018/19-5	Lab	LCS, rec	5/18/2019	Hydrocarbon	Diesel Range Organics	n/a	=	57	%	EPA 8015D	-88	-88	56	136	
2018/19-5	Lab	LCS dup	5/18/2019	Hydrocarbon	Diesel Range Organics	n/a	=	0.303	mg/L	EPA 8015D	0.024	0.1			
2018/19-5	Lab	LCS dup, rec	5/18/2019	Hydrocarbon	Diesel Range Organics	n/a	=	61	%	EPA 8015D	-88	-88	56	136	
2018/19-5	Lab	LCS, RPD	5/18/2019	Hydrocarbon	Diesel Range Organics	n/a	=	7	%	EPA 8015D	-88	-88	0	25	
2018/19-5	Lab	method blank	5/20/2019	Hydrocarbon	Diesel Range Organics	n/a	DNQ	0.0484	mg/L	EPA 8015D	0.024	0.1			IP
2018/19-5	Lab	LCS	5/20/2019	Hydrocarbon	Diesel Range Organics	n/a	=	0.399	mg/L	EPA 8015D	0.024	0.1			
2018/19-5	Lab	LCS, rec	5/20/2019	Hydrocarbon	Diesel Range Organics	n/a	=	80	%	EPA 8015D	-88	-88	56	136	
2018/19-5	Lab	LCS dup	5/20/2019	Hydrocarbon	Diesel Range Organics	n/a	=	0.326	mg/L	EPA 8015D	0.024	0.1			
2018/19-5	Lab	LCS dup, rec	5/20/2019	Hydrocarbon	Diesel Range Organics	n/a	=	65	%	EPA 8015D	-88	-88	56	136	
2018/19-5	Lab	LCS, RPD	5/20/2019	Hydrocarbon	Diesel Range Organics	n/a	=	20	%	EPA 8015D	-88	-88	0	25	
2018/19-5	Lab	method blank	5/25/2019	Hydrocarbon	Diesel Range Organics	n/a	DNQ	0.0446	mg/L	EPA 8015D	0.024	0.1			IP
2018/19-5	Lab	LCS	5/25/2019	Hydrocarbon	Diesel Range Organics	n/a	=	0.282	mg/L	EPA 8015D	0.024	0.1			
2018/19-5	Lab	LCS, rec	5/25/2019	Hydrocarbon	Diesel Range Organics	n/a	=	56	%	EPA 8015D	-88	-88	56	136	
2018/19-5	Lab	LCS dup	5/25/2019	Hydrocarbon	Diesel Range Organics	n/a	=	0.341	mg/L	EPA 8015D	0.024	0.1			
2018/19-5	Lab	LCS dup, rec	5/25/2019	Hydrocarbon	Diesel Range Organics	n/a	=	68	%	EPA 8015D	-88	-88	56	136	
2018/19-5	Lab	LCS, RPD	5/25/2019	Hydrocarbon	Diesel Range Organics	n/a	=	19	%	EPA 8015D	-88	-88	0	25	
2018/19-5	Lab	LCS	5/6/2019	Hydrocarbon	Gasoline Range Organics	n/a	=	0.75	mg/L	LUFT GC/MS	0.012	0.1	53	136	
2018/19-5	Lab	LCS, rec	5/6/2019	Hydrocarbon	Gasoline Range Organics	n/a	=	75	%	LUFT GC/MS	-88	-88	53	136	
2018/19-5	Lab	LCS dup	5/6/2019	Hydrocarbon	Gasoline Range Organics	n/a	=	0.76	mg/L	LUFT GC/MS	0.012	0.1	53	136	
2018/19-5	Lab	LCS dup, rec	5/6/2019	Hydrocarbon	Gasoline Range Organics	n/a	=	76	%	LUFT GC/MS	-88	-88	53	136	
2018/19-5	Lab	LCS, RPD	5/6/2019	Hydrocarbon	Gasoline Range Organics	n/a	=	1	%	LUFT GC/MS	-88	-88	0	25	
2018/19-5	Lab	method blank	5/6/2019	Hydrocarbon	Gasoline Range Organics	n/a	DNQ	0.02	mg/L	LUFT GC/MS	0.012	0.1			IP
2018/19-5	Lab	LCS	5/12/2019	Hydrocarbon	Gasoline Range Organics	n/a	=	0.98	mg/L	LUFT GC/MS	0.012	0.1	53	136	
2018/19-5	Lab	LCS, rec	5/12/2019	Hydrocarbon	Gasoline Range Organics	n/a	=	98	%	LUFT GC/MS	-88	-88	53	136	
2018/19-5	Lab	LCS dup	5/12/2019	Hydrocarbon	Gasoline Range Organics	n/a	=	1	mg/L	LUFT GC/MS	0.012	0.1	53	136	
2018/19-5	Lab	LCS dup, rec	5/12/2019	Hydrocarbon	Gasoline Range Organics	n/a	=	100	%	LUFT GC/MS	-88	-88	53	136	
2018/19-5	Lab	LCS, RPD	5/12/2019	Hydrocarbon	Gasoline Range Organics	n/a	=	2	%	LUFT GC/MS	-88	-88	0	25	
2018/19-5	Lab	method blank	5/12/2019	Hydrocarbon	Gasoline Range Organics	n/a	DNQ	0.03	mg/L	LUFT GC/MS	0.012	0.1			IP
2018/19-5	Lab	LCS	5/24/2019	Hydrocarbon	Gasoline Range Organics	n/a	=	0.99	mg/L	LUFT GC/MS	0.012	0.1	53	136	
2018/19-5	Lab	LCS, rec	5/24/2019	Hydrocarbon	Gasoline Range Organics	n/a	=	99	%	LUFT GC/MS	-88	-88	53	136	
2018/19-5	Lab	LCS dup	5/24/2019	Hydrocarbon	Gasoline Range Organics	n/a	=	0.96	mg/L	LUFT GC/MS	0.012	0.1	53	136	
2018/19-5	Lab	LCS dup, rec	5/24/2019	Hydrocarbon	Gasoline Range Organics	n/a	=	96	%	LUFT GC/MS	-88	-88	53	136	
2018/19-5	Lab	LCS, RPD	5/24/2019	Hydrocarbon	Gasoline Range Organics	n/a	=	3	%	LUFT GC/MS	-88	-88	0	25	
2018/19-5	Lab	method blank	5/24/2019	Hydrocarbon	Gasoline Range Organics	n/a	DNQ	0.02	mg/L	LUFT GC/MS	0.012	0.1			IP
2018/19-5	Lab	srgt method blank	5/18/2019	Hydrocarbon	n-Tetracosane	n/a	=	0.243	mg/L	EPA 8015D	-88	-88			
2018/19-5	Lab	srgt method blank, rec	5/18/2019	Hydrocarbon	n-Tetracosane	n/a	=	97	%	EPA 8015D	-88	-88	64	155	
2018/19-5	Lab	srgt LCS	5/18/2019	Hydrocarbon	n-Tetracosane	n/a	=	0.188	mg/L	EPA 8015D	-88	-88			
2018/19-5	Lab	srgt LCS, rec	5/18/2019	Hydrocarbon	n-Tetracosane	n/a	=	75	%	EPA 8015D	-88	-88	64	155	
2018/19-5	Lab	srgt LCS dup	5/18/2019	Hydrocarbon	n-Tetracosane	n/a	=	0.251	mg/L	EPA 8015D	-88	-88			
2018/19-5	Lab	srgt LCS dup, rec	5/18/2019	Hydrocarbon	n-Tetracosane	n/a	=	100	%	EPA 8015D	-88	-88	64	155	
2018/19-5	Lab	srgt method blank	5/20/2019	Hydrocarbon	n-Tetracosane	n/a	=	0.28	mg/L	EPA 8015D	-88	-88			

Appendix F
Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2018/19-5	Lab	srgt method blank, rec	5/20/2019	Hydrocarbon	n-Tetracosane	n/a	=	112	%	EPA 8015D	-88	-88	64	155	
2018/19-5	Lab	srgt LCS	5/20/2019	Hydrocarbon	n-Tetracosane	n/a	=	0.317	mg/L	EPA 8015D	-88	-88			
2018/19-5	Lab	srgt LCS, rec	5/20/2019	Hydrocarbon	n-Tetracosane	n/a	=	127	%	EPA 8015D	-88	-88	64	155	
2018/19-5	Lab	srgt LCS dup	5/20/2019	Hydrocarbon	n-Tetracosane	n/a	=	0.306	mg/L	EPA 8015D	-88	-88			
2018/19-5	Lab	srgt LCS dup, rec	5/20/2019	Hydrocarbon	n-Tetracosane	n/a	=	122	%	EPA 8015D	-88	-88	64	155	
2018/19-5	Lab	srgt method blank	5/25/2019	Hydrocarbon	n-Tetracosane	n/a	=	0.223	mg/L	EPA 8015D	-88	-88			
2018/19-5	Lab	srgt method blank, rec	5/25/2019	Hydrocarbon	n-Tetracosane	n/a	=	89	%	EPA 8015D	-88	-88	64	155	
2018/19-5	Lab	srgt LCS	5/25/2019	Hydrocarbon	n-Tetracosane	n/a	=	0.18	mg/L	EPA 8015D	-88	-88			
2018/19-5	Lab	srgt LCS, rec	5/25/2019	Hydrocarbon	n-Tetracosane	n/a	=	72	%	EPA 8015D	-88	-88	64	155	
2018/19-5	Lab	srgt LCS dup	5/25/2019	Hydrocarbon	n-Tetracosane	n/a	=	0.232	mg/L	EPA 8015D	-88	-88			
2018/19-5	Lab	srgt LCS dup, rec	5/25/2019	Hydrocarbon	n-Tetracosane	n/a	=	93	%	EPA 8015D	-88	-88	64	155	
2018/19-5	ME-CC	srgt environ	5/25/2019	Hydrocarbon	n-Tetracosane	n/a	=	0.245	mg/L	EPA 8015D	-88	-88			
2018/19-5	ME-CC	srgt environ, rec	5/25/2019	Hydrocarbon	n-Tetracosane	n/a	=	98	%	EPA 8015D	-88	-88	64	155	
2018/19-5	ME-SCR	srgt environ	5/18/2019	Hydrocarbon	n-Tetracosane	n/a	=	0.246	mg/L	EPA 8015D	-88	-88			
2018/19-5	ME-SCR	srgt environ, rec	5/18/2019	Hydrocarbon	n-Tetracosane	n/a	=	98	%	EPA 8015D	-88	-88	64	155	
2018/19-5	ME-VR2	srgt environ	5/18/2019	Hydrocarbon	n-Tetracosane	n/a	=	0.254	mg/L	EPA 8015D	-88	-88			
2018/19-5	ME-VR2	srgt environ, rec	5/18/2019	Hydrocarbon	n-Tetracosane	n/a	=	102	%	EPA 8015D	-88	-88	64	155	
2018/19-5	MO-CAM	srgt environ	5/25/2019	Hydrocarbon	n-Tetracosane	n/a	=	0.192	mg/L	EPA 8015D	-88	-88			
2018/19-5	MO-CAM	srgt environ, rec	5/25/2019	Hydrocarbon	n-Tetracosane	n/a	=	77	%	EPA 8015D	-88	-88	64	155	
2018/19-5	MO-FIL	srgt environ	5/18/2019	Hydrocarbon	n-Tetracosane	n/a	=	0.241	mg/L	EPA 8015D	-88	-88			
2018/19-5	MO-FIL	srgt environ, rec	5/18/2019	Hydrocarbon	n-Tetracosane	n/a	=	96	%	EPA 8015D	-88	-88	64	155	
2018/19-5	MO-HUE	srgt environ	5/18/2019	Hydrocarbon	n-Tetracosane	n/a	=	0.292	mg/L	EPA 8015D	-88	-88			
2018/19-5	MO-HUE	srgt environ, rec	5/18/2019	Hydrocarbon	n-Tetracosane	n/a	=	117	%	EPA 8015D	-88	-88	64	155	
2018/19-5	MO-MPK	srgt environ	5/25/2019	Hydrocarbon	n-Tetracosane	n/a	=	0.218	mg/L	EPA 8015D	-88	-88			
2018/19-5	MO-MPK	srgt environ, rec	5/25/2019	Hydrocarbon	n-Tetracosane	n/a	=	87	%	EPA 8015D	-88	-88	64	155	
2018/19-5	MO-OJA	srgt environ	5/18/2019	Hydrocarbon	n-Tetracosane	n/a	=	0.243	mg/L	EPA 8015D	-88	-88			
2018/19-5	MO-OJA	srgt environ, rec	5/18/2019	Hydrocarbon	n-Tetracosane	n/a	=	97	%	EPA 8015D	-88	-88	64	155	
2018/19-5	MO-SIM	srgt environ	5/25/2019	Hydrocarbon	n-Tetracosane	n/a	=	0.23	mg/L	EPA 8015D	-88	-88			
2018/19-5	MO-SIM	srgt environ, rec	5/25/2019	Hydrocarbon	n-Tetracosane	n/a	=	92	%	EPA 8015D	-88	-88	64	155	
2018/19-5	MO-THO	srgt environ	5/25/2019	Hydrocarbon	n-Tetracosane	n/a	=	0.21	mg/L	EPA 8015D	-88	-88			
2018/19-5	MO-THO	srgt environ, rec	5/25/2019	Hydrocarbon	n-Tetracosane	n/a	=	84	%	EPA 8015D	-88	-88	64	155	
2018/19-5	MO-VEN	srgt environ	5/20/2019	Hydrocarbon	n-Tetracosane	n/a	=	0.0625	mg/L	EPA 8015D	-88	-88			GN
2018/19-5	MO-VEN	srgt environ, rec	5/20/2019	Hydrocarbon	n-Tetracosane	n/a	=	25	%	EPA 8015D	-88	-88	64	155	GN
2018/19-5	000NONPJ	matrix spike	5/13/2019	Hydrocarbon	Oil and Grease	n/a	=	21.7	mg/L	EPA 1664A	1.3	5			
2018/19-5	000NONPJ	matrix spike, rec	5/13/2019	Hydrocarbon	Oil and Grease	n/a	=	101	%	EPA 1664A	-88	-88	78	114	
2018/19-5	Lab	LCS	5/3/2019	Hydrocarbon	Oil and Grease	n/a	=	19.4	mg/L	EPA 1664A	1.3	5			
2018/19-5	Lab	LCS, rec	5/3/2019	Hydrocarbon	Oil and Grease	n/a	=	97	%	EPA 1664A	-88	-88	78	114	
2018/19-5	Lab	method blank	5/3/2019	Hydrocarbon	Oil and Grease	n/a	<	1.3	mg/L	EPA 1664A	1.3	5			
2018/19-5	Lab	LCS	5/13/2019	Hydrocarbon	Oil and Grease	n/a	=	17.3	mg/L	EPA 1664A	1.3	5			
2018/19-5	Lab	LCS dup	5/13/2019	Hydrocarbon	Oil and Grease	n/a	=	17	mg/L	EPA 1664A	1.3	5			
2018/19-5	Lab	LCS dup, rec	5/13/2019	Hydrocarbon	Oil and Grease	n/a	=	85	%	EPA 1664A	-88	-88	78	114	
2018/19-5	Lab	LCS, rec	5/13/2019	Hydrocarbon	Oil and Grease	n/a	=	86	%	EPA 1664A	-88	-88	78	114	
2018/19-5	Lab	LCS, RPD	5/13/2019	Hydrocarbon	Oil and Grease	n/a	=	2	%	EPA 1664A	-88	-88	0	18	
2018/19-5	Lab	method blank	5/13/2019	Hydrocarbon	Oil and Grease	n/a	<	1.3	mg/L	EPA 1664A	1.3	5			
2018/19-5	Lab	LCS	5/13/2019	Hydrocarbon	Oil and Grease	n/a	DNQ	4.1	mg/L	EPA 1664A	1.3	5			
2018/19-5	Lab	LCS, rec	5/13/2019	Hydrocarbon	Oil and Grease	n/a	=	82	%	EPA 1664A	-88	-88	78	114	
2018/19-5	Lab	LCS	5/21/2019	Hydrocarbon	Oil and Grease	n/a	DNQ	4.2	mg/L	EPA 1664A	1.3	5			

Appendix F
Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2018/19-5	Lab	LCS	5/21/2019	Hydrocarbon	Oil and Grease	n/a	=	17	mg/L	EPA 1664A	1.3	5			
2018/19-5	Lab	LCS dup	5/21/2019	Hydrocarbon	Oil and Grease	n/a	=	18	mg/L	EPA 1664A	1.3	5			
2018/19-5	Lab	LCS dup, rec	5/21/2019	Hydrocarbon	Oil and Grease	n/a	=	90	%	EPA 1664A	-88	-88	78	114	
2018/19-5	Lab	LCS, rec	5/21/2019	Hydrocarbon	Oil and Grease	n/a	=	84	%	EPA 1664A	-88	-88	78	114	
2018/19-5	Lab	LCS, rec	5/21/2019	Hydrocarbon	Oil and Grease	n/a	=	85	%	EPA 1664A	-88	-88	78	114	
2018/19-5	Lab	LCS, RPD	5/21/2019	Hydrocarbon	Oil and Grease	n/a	=	6	%	EPA 1664A	-88	-88	0	18	
2018/19-5	Lab	method blank	5/21/2019	Hydrocarbon	Oil and Grease	n/a	<	1.3	mg/L	EPA 1664A	1.3	5			
2018/19-5	ME-CC	matrix spike	5/21/2019	Hydrocarbon	Oil and Grease	n/a	=	20.6	mg/L	EPA 1664A	1.3	5			
2018/19-5	ME-CC	matrix spike dup	5/21/2019	Hydrocarbon	Oil and Grease	n/a	=	19.7	mg/L	EPA 1664A	1.3	5			
2018/19-5	ME-CC	matrix spike dup, rec	5/21/2019	Hydrocarbon	Oil and Grease	n/a	=	84	%	EPA 1664A	-88	-88	78	114	
2018/19-5	ME-CC	matrix spike, rec	5/21/2019	Hydrocarbon	Oil and Grease	n/a	=	85	%	EPA 1664A	-88	-88	78	114	
2018/19-5	ME-CC	matrix spike, RPD	5/21/2019	Hydrocarbon	Oil and Grease	n/a	=	4	%	EPA 1664A	-88	-88	0	18	
2018/19-5	ME-SCR	matrix spike	5/3/2019	Hydrocarbon	Oil and Grease	n/a	=	21.9	mg/L	EPA 1664A	1.3	5			
2018/19-5	ME-SCR	matrix spike dup	5/3/2019	Hydrocarbon	Oil and Grease	n/a	=	19.2	mg/L	EPA 1664A	1.3	5			
2018/19-5	ME-SCR	matrix spike dup, rec	5/3/2019	Hydrocarbon	Oil and Grease	n/a	=	85	%	EPA 1664A	-88	-88	78	114	
2018/19-5	ME-SCR	matrix spike, rec	5/3/2019	Hydrocarbon	Oil and Grease	n/a	=	100	%	EPA 1664A	-88	-88	78	114	
2018/19-5	ME-SCR	matrix spike, RPD	5/3/2019	Hydrocarbon	Oil and Grease	n/a	=	13	%	EPA 1664A	-88	-88	0	18	
2018/19-5	Lab	method blank	5/18/2019	Hydrocarbon	Oil Range Organics	n/a	<	0.33	mg/L	EPA 8015D	0.33	0.5			
2018/19-5	Lab	method blank	5/20/2019	Hydrocarbon	Oil Range Organics	n/a	<	0.33	mg/L	EPA 8015D	0.33	0.5			
2018/19-5	Lab	method blank	5/25/2019	Hydrocarbon	Oil Range Organics	n/a	<	0.33	mg/L	EPA 8015D	0.33	0.5			
2018/19-5	Lab	method blank	5/8/2019	Metal	Aluminum	Dissolved	<	1.3	µg/L	EPA 200.8	1.3	5			
2018/19-5	Lab	LCS	5/8/2019	Metal	Aluminum	Dissolved	=	48	µg/L	EPA 200.8	1.3	5			
2018/19-5	Lab	LCS, rec	5/8/2019	Metal	Aluminum	Dissolved	=	96	%	EPA 200.8	-88	-88	85	115	
2018/19-5	Lab	method blank	5/21/2019	Metal	Aluminum	Dissolved	DNQ	3.29	µg/L	EPA 200.8	1.3	5			IP
2018/19-5	Lab	LCS	5/23/2019	Metal	Aluminum	Dissolved	=	51.4	µg/L	EPA 200.8	1.3	5			
2018/19-5	Lab	LCS, rec	5/23/2019	Metal	Aluminum	Dissolved	=	103	%	EPA 200.8	-88	-88	85	115	
2018/19-5	Lab	method blank	5/23/2019	Metal	Aluminum	Dissolved	DNQ	1.45	µg/L	EPA 200.8	1.3	5			IP
2018/19-5	MO-MPK	matrix spike dup	5/23/2019	Metal	Aluminum	Dissolved	=	63.9	µg/L	EPA 200.8	1.3	5			
2018/19-5	MO-MPK	matrix spike dup, rec	5/23/2019	Metal	Aluminum	Dissolved	=	90	%	EPA 200.8	-88	-88	70	130	
2018/19-5	MO-MPK	matrix spike, RPD	5/23/2019	Metal	Aluminum	Dissolved	=	0.2	%	EPA 200.8	-88	-88	0	30	
2018/19-5	MO-MPK	matrix spike	5/23/2019	Metal	Aluminum	Dissolved	=	63.8	µg/L	EPA 200.8	1.3	5			
2018/19-5	MO-MPK	matrix spike, rec	5/23/2019	Metal	Aluminum	Dissolved	=	90	%	EPA 200.8	-88	-88	70	130	
2018/19-5	Lab	method blank	5/8/2019	Metal	Aluminum	Total	<	1.3	µg/L	EPA 200.8	1.3	5			
2018/19-5	Lab	LCS	5/8/2019	Metal	Aluminum	Total	=	48	µg/L	EPA 200.8	1.3	5			
2018/19-5	Lab	LCS, rec	5/8/2019	Metal	Aluminum	Total	=	96	%	EPA 200.8	-88	-88	85	115	
2018/19-5	Lab	method blank	5/21/2019	Metal	Aluminum	Total	DNQ	3.16	µg/L	EPA 200.8	1.3	5			IP
2018/19-5	Lab	LCS	5/21/2019	Metal	Aluminum	Total	=	52.9	µg/L	EPA 200.8	1.3	5			
2018/19-5	Lab	LCS, rec	5/21/2019	Metal	Aluminum	Total	=	106	%	EPA 200.8	-88	-88	85	115	
2018/19-5	Lab	method blank	5/23/2019	Metal	Aluminum	Total	DNQ	1.79	µg/L	EPA 200.8	1.3	5			IP
2018/19-5	Lab	LCS	5/23/2019	Metal	Aluminum	Total	=	51.4	µg/L	EPA 200.8	1.3	5			
2018/19-5	Lab	LCS, rec	5/23/2019	Metal	Aluminum	Total	=	103	%	EPA 200.8	-88	-88	85	115	
2018/19-5	MO-FIL	matrix spike	5/8/2019	Metal	Aluminum	Total	=	54.5	µg/L	EPA 200.8	1.3	5			
2018/19-5	MO-FIL	matrix spike, rec	5/8/2019	Metal	Aluminum	Total	=	89	%	EPA 200.8	-88	-88	70	130	
2018/19-5	MO-FIL	matrix spike dup	5/8/2019	Metal	Aluminum	Total	=	55.4	µg/L	EPA 200.8	1.3	5			
2018/19-5	MO-FIL	matrix spike dup, rec	5/8/2019	Metal	Aluminum	Total	=	91	%	EPA 200.8	-88	-88	70	130	
2018/19-5	MO-FIL	matrix spike, RPD	5/8/2019	Metal	Aluminum	Total	=	2	%	EPA 200.8	-88	-88	0	30	
2018/19-5	MO-HUE	matrix spike	5/21/2019	Metal	Aluminum	Total	=	81.4	µg/L	EPA 200.8	1.3	5			

Appendix F
Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2018/19-5	MO-HUE	matrix spike, rec	5/21/2019	Metal	Aluminum	Total	=	91	%	EPA 200.8	-88	-88	70	130	
2018/19-5	MO-HUE	matrix spike dup	5/21/2019	Metal	Aluminum	Total	=	79.9	µg/L	EPA 200.8	1.3	5			
2018/19-5	MO-HUE	matrix spike dup, rec	5/21/2019	Metal	Aluminum	Total	=	88	%	EPA 200.8	-88	-88	70	130	
2018/19-5	MO-HUE	matrix spike, RPD	5/21/2019	Metal	Aluminum	Total	=	2	%	EPA 200.8	-88	-88	0	30	
2018/19-5	MO-MPK	matrix spike dup	5/23/2019	Metal	Aluminum	Total	=	63.9	µg/L	EPA 200.8	1.3	5			
2018/19-5	MO-MPK	matrix spike dup, rec	5/23/2019	Metal	Aluminum	Total	=	99	%	EPA 200.8	-88	-88	70	130	
2018/19-5	MO-MPK	matrix spike, RPD	5/23/2019	Metal	Aluminum	Total	=	0.2	%	EPA 200.8	-88	-88	0	30	
2018/19-5	MO-MPK	matrix spike	5/23/2019	Metal	Aluminum	Total	=	63.8	µg/L	EPA 200.8	1.3	5			
2018/19-5	MO-MPK	matrix spike, rec	5/23/2019	Metal	Aluminum	Total	=	99	%	EPA 200.8	-88	-88	70	130	
2018/19-5	Lab	method blank	5/8/2019	Metal	Antimony	Dissolved	<	0.045	µg/L	EPA 200.8	0.045	0.5			
2018/19-5	Lab	LCS	5/8/2019	Metal	Antimony	Dissolved	=	48.1	µg/L	EPA 200.8	0.045	0.5			
2018/19-5	Lab	LCS, rec	5/8/2019	Metal	Antimony	Dissolved	=	96	%	EPA 200.8	-88	-88	85	115	
2018/19-5	Lab	method blank	5/17/2019	Metal	Antimony	Dissolved	<	0.045	µg/L	EPA 200.8	0.045	0.5			
2018/19-5	Lab	LCS	5/17/2019	Metal	Antimony	Dissolved	=	50.1	µg/L	EPA 200.8	0.045	0.5			
2018/19-5	Lab	LCS, rec	5/17/2019	Metal	Antimony	Dissolved	=	100	%	EPA 200.8	-88	-88	85	115	
2018/19-5	Lab	LCS	5/23/2019	Metal	Antimony	Dissolved	=	52.2	µg/L	EPA 200.8	0.045	0.5			
2018/19-5	Lab	LCS, rec	5/23/2019	Metal	Antimony	Dissolved	=	105	%	EPA 200.8	-88	-88	85	115	
2018/19-5	Lab	method blank	5/23/2019	Metal	Antimony	Dissolved	<	0.045	µg/L	EPA 200.8	0.045	0.5			
2018/19-5	MO-MPK	matrix spike dup	5/23/2019	Metal	Antimony	Dissolved	=	53.2	µg/L	EPA 200.8	0.045	0.5			
2018/19-5	MO-MPK	matrix spike dup, rec	5/23/2019	Metal	Antimony	Dissolved	=	105	%	EPA 200.8	-88	-88	70	130	
2018/19-5	MO-MPK	matrix spike, RPD	5/23/2019	Metal	Antimony	Dissolved	=	0.5	%	EPA 200.8	-88	-88	0	30	
2018/19-5	MO-MPK	matrix spike	5/23/2019	Metal	Antimony	Dissolved	=	53.5	µg/L	EPA 200.8	0.045	0.5			
2018/19-5	MO-MPK	matrix spike, rec	5/23/2019	Metal	Antimony	Dissolved	=	105	%	EPA 200.8	-88	-88	70	130	
2018/19-5	Lab	method blank	5/8/2019	Metal	Antimony	Total	<	0.045	µg/L	EPA 200.8	0.045	0.5			
2018/19-5	Lab	LCS	5/8/2019	Metal	Antimony	Total	=	48.1	µg/L	EPA 200.8	0.045	0.5			
2018/19-5	Lab	LCS, rec	5/8/2019	Metal	Antimony	Total	=	96	%	EPA 200.8	-88	-88	85	115	
2018/19-5	Lab	method blank	5/17/2019	Metal	Antimony	Total	<	0.045	µg/L	EPA 200.8	0.045	0.5			
2018/19-5	Lab	LCS	5/17/2019	Metal	Antimony	Total	=	50.1	µg/L	EPA 200.8	0.045	0.5			
2018/19-5	Lab	LCS, rec	5/17/2019	Metal	Antimony	Total	=	100	%	EPA 200.8	-88	-88	85	115	
2018/19-5	Lab	method blank	5/23/2019	Metal	Antimony	Total	<	0.045	µg/L	EPA 200.8	0.045	0.5			
2018/19-5	Lab	LCS	5/23/2019	Metal	Antimony	Total	=	52.2	µg/L	EPA 200.8	0.045	0.5			
2018/19-5	Lab	LCS, rec	5/23/2019	Metal	Antimony	Total	=	105	%	EPA 200.8	-88	-88	85	115	
2018/19-5	MO-FIL	matrix spike	5/8/2019	Metal	Antimony	Total	=	48	µg/L	EPA 200.8	0.045	0.5			
2018/19-5	MO-FIL	matrix spike, rec	5/8/2019	Metal	Antimony	Total	=	95	%	EPA 200.8	-88	-88	70	130	
2018/19-5	MO-FIL	matrix spike dup	5/8/2019	Metal	Antimony	Total	=	48.7	µg/L	EPA 200.8	0.045	0.5			
2018/19-5	MO-FIL	matrix spike dup, rec	5/8/2019	Metal	Antimony	Total	=	97	%	EPA 200.8	-88	-88	70	130	
2018/19-5	MO-FIL	matrix spike, RPD	5/8/2019	Metal	Antimony	Total	=	1	%	EPA 200.8	-88	-88	0	30	
2018/19-5	MO-MPK	matrix spike dup	5/23/2019	Metal	Antimony	Total	=	53.2	µg/L	EPA 200.8	0.045	0.5			
2018/19-5	MO-MPK	matrix spike dup, rec	5/23/2019	Metal	Antimony	Total	=	105	%	EPA 200.8	-88	-88	70	130	
2018/19-5	MO-MPK	matrix spike, RPD	5/23/2019	Metal	Antimony	Total	=	0.5	%	EPA 200.8	-88	-88	0	30	
2018/19-5	MO-MPK	matrix spike	5/23/2019	Metal	Antimony	Total	=	53.5	µg/L	EPA 200.8	0.045	0.5			
2018/19-5	MO-MPK	matrix spike, rec	5/23/2019	Metal	Antimony	Total	=	105	%	EPA 200.8	-88	-88	70	130	
2018/19-5	MO-OJA	matrix spike	5/17/2019	Metal	Antimony	Total	=	48.7	µg/L	EPA 200.8	0.045	0.5			
2018/19-5	MO-OJA	matrix spike, rec	5/17/2019	Metal	Antimony	Total	=	97	%	EPA 200.8	-88	-88	70	130	
2018/19-5	MO-OJA	matrix spike dup	5/17/2019	Metal	Antimony	Total	=	48.9	µg/L	EPA 200.8	0.045	0.5			
2018/19-5	MO-OJA	matrix spike dup, rec	5/17/2019	Metal	Antimony	Total	=	98	%	EPA 200.8	-88	-88	70	130	
2018/19-5	MO-OJA	matrix spike, RPD	5/17/2019	Metal	Antimony	Total	=	0.4	%	EPA 200.8	-88	-88	0	30	

Appendix F
Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2018/19-5	Lab	method blank	5/8/2019	Metal	Arsenic	Dissolved	<	0.074	µg/L	EPA 200.8	0.074	0.4			
2018/19-5	Lab	LCS	5/8/2019	Metal	Arsenic	Dissolved	=	48.7	µg/L	EPA 200.8	0.074	0.4			
2018/19-5	Lab	LCS, rec	5/8/2019	Metal	Arsenic	Dissolved	=	97	%	EPA 200.8	-88	-88	85	115	
2018/19-5	Lab	method blank	5/17/2019	Metal	Arsenic	Dissolved	<	0.074	µg/L	EPA 200.8	0.074	0.4			
2018/19-5	Lab	LCS	5/17/2019	Metal	Arsenic	Dissolved	=	50.8	µg/L	EPA 200.8	0.074	0.4			
2018/19-5	Lab	LCS, rec	5/17/2019	Metal	Arsenic	Dissolved	=	102	%	EPA 200.8	-88	-88	85	115	
2018/19-5	Lab	LCS	5/23/2019	Metal	Arsenic	Dissolved	=	50.9	µg/L	EPA 200.8	0.074	0.4			
2018/19-5	Lab	LCS, rec	5/23/2019	Metal	Arsenic	Dissolved	=	102	%	EPA 200.8	-88	-88	85	115	
2018/19-5	Lab	method blank	5/23/2019	Metal	Arsenic	Dissolved	<	0.074	µg/L	EPA 200.8	0.074	0.4			
2018/19-5	MO-MPK	matrix spike dup	5/23/2019	Metal	Arsenic	Dissolved	=	53.4	µg/L	EPA 200.8	0.074	0.4			
2018/19-5	MO-MPK	matrix spike dup, rec	5/23/2019	Metal	Arsenic	Dissolved	=	103	%	EPA 200.8	-88	-88	70	130	
2018/19-5	MO-MPK	matrix spike, RPD	5/23/2019	Metal	Arsenic	Dissolved	=	0.8	%	EPA 200.8	-88	-88	0	30	
2018/19-5	MO-MPK	matrix spike	5/23/2019	Metal	Arsenic	Dissolved	=	53.8	µg/L	EPA 200.8	0.074	0.4			
2018/19-5	MO-MPK	matrix spike, rec	5/23/2019	Metal	Arsenic	Dissolved	=	104	%	EPA 200.8	-88	-88	70	130	
2018/19-5	Lab	method blank	5/8/2019	Metal	Arsenic	Total	<	0.074	µg/L	EPA 200.8	0.074	0.4			
2018/19-5	Lab	LCS	5/8/2019	Metal	Arsenic	Total	=	48.7	µg/L	EPA 200.8	0.074	0.4			
2018/19-5	Lab	LCS, rec	5/8/2019	Metal	Arsenic	Total	=	97	%	EPA 200.8	-88	-88	85	115	
2018/19-5	Lab	method blank	5/17/2019	Metal	Arsenic	Total	<	0.074	µg/L	EPA 200.8	0.074	0.4			
2018/19-5	Lab	LCS	5/17/2019	Metal	Arsenic	Total	=	50.8	µg/L	EPA 200.8	0.074	0.4			
2018/19-5	Lab	LCS, rec	5/17/2019	Metal	Arsenic	Total	=	102	%	EPA 200.8	-88	-88	85	115	
2018/19-5	Lab	method blank	5/23/2019	Metal	Arsenic	Total	<	0.074	µg/L	EPA 200.8	0.074	0.4			
2018/19-5	Lab	LCS, rec	5/23/2019	Metal	Arsenic	Total	=	102	%	EPA 200.8	-88	-88	85	115	
2018/19-5	MO-FIL	matrix spike	5/8/2019	Metal	Arsenic	Total	=	48.1	µg/L	EPA 200.8	0.074	0.4			
2018/19-5	MO-FIL	matrix spike, rec	5/8/2019	Metal	Arsenic	Total	=	95	%	EPA 200.8	-88	-88	70	130	
2018/19-5	MO-FIL	matrix spike dup	5/8/2019	Metal	Arsenic	Total	=	49.2	µg/L	EPA 200.8	0.074	0.4			
2018/19-5	MO-FIL	matrix spike dup, rec	5/8/2019	Metal	Arsenic	Total	=	97	%	EPA 200.8	-88	-88	70	130	
2018/19-5	MO-FIL	matrix spike, RPD	5/8/2019	Metal	Arsenic	Total	=	2	%	EPA 200.8	-88	-88	0	30	
2018/19-5	MO-MPK	matrix spike dup	5/23/2019	Metal	Arsenic	Total	=	53.4	µg/L	EPA 200.8	0.074	0.4			
2018/19-5	MO-MPK	matrix spike dup, rec	5/23/2019	Metal	Arsenic	Total	=	103	%	EPA 200.8	-88	-88	70	130	
2018/19-5	MO-MPK	matrix spike, RPD	5/23/2019	Metal	Arsenic	Total	=	0.8	%	EPA 200.8	-88	-88	0	30	
2018/19-5	MO-MPK	matrix spike	5/23/2019	Metal	Arsenic	Total	=	53.8	µg/L	EPA 200.8	0.074	0.4			
2018/19-5	MO-MPK	matrix spike, rec	5/23/2019	Metal	Arsenic	Total	=	104	%	EPA 200.8	-88	-88	70	130	
2018/19-5	MO-OJA	matrix spike	5/17/2019	Metal	Arsenic	Total	=	53.2	µg/L	EPA 200.8	0.074	0.4			
2018/19-5	MO-OJA	matrix spike, rec	5/17/2019	Metal	Arsenic	Total	=	105	%	EPA 200.8	-88	-88	70	130	
2018/19-5	MO-OJA	matrix spike dup	5/17/2019	Metal	Arsenic	Total	=	53.4	µg/L	EPA 200.8	0.074	0.4			
2018/19-5	MO-OJA	matrix spike dup, rec	5/17/2019	Metal	Arsenic	Total	=	106	%	EPA 200.8	-88	-88	70	130	
2018/19-5	MO-OJA	matrix spike, RPD	5/17/2019	Metal	Arsenic	Total	=	0.4	%	EPA 200.8	-88	-88	0	30	
2018/19-5	Lab	method blank	5/8/2019	Metal	Barium	Total	<	0.071	µg/L	EPA 200.8	0.071	0.5			
2018/19-5	Lab	LCS	5/8/2019	Metal	Barium	Total	=	46.9	µg/L	EPA 200.8	0.071	0.5			
2018/19-5	Lab	LCS, rec	5/8/2019	Metal	Barium	Total	=	94	%	EPA 200.8	-88	-88	85	115	
2018/19-5	Lab	method blank	5/17/2019	Metal	Barium	Total	<	0.071	µg/L	EPA 200.8	0.071	0.5			
2018/19-5	Lab	LCS	5/17/2019	Metal	Barium	Total	=	51	µg/L	EPA 200.8	0.071	0.5			
2018/19-5	Lab	LCS, rec	5/17/2019	Metal	Barium	Total	=	102	%	EPA 200.8	-88	-88	85	115	
2018/19-5	Lab	method blank	5/23/2019	Metal	Barium	Total	<	0.071	µg/L	EPA 200.8	0.071	0.5			
2018/19-5	Lab	LCS	5/23/2019	Metal	Barium	Total	=	49.1	µg/L	EPA 200.8	0.071	0.5			
2018/19-5	Lab	LCS, rec	5/23/2019	Metal	Barium	Total	=	98	%	EPA 200.8	-88	-88	85	115	

Appendix F
Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2018/19-5	MO-FIL	matrix spike	5/8/2019	Metal	Barium	Total	=	73.5	µg/L	EPA 200.8	0.071	0.5			
2018/19-5	MO-FIL	matrix spike, rec	5/8/2019	Metal	Barium	Total	=	95	%	EPA 200.8	-88	-88	70	130	
2018/19-5	MO-FIL	matrix spike dup	5/8/2019	Metal	Barium	Total	=	73.9	µg/L	EPA 200.8	0.071	0.5			
2018/19-5	MO-FIL	matrix spike dup, rec	5/8/2019	Metal	Barium	Total	=	96	%	EPA 200.8	-88	-88	70	130	
2018/19-5	MO-FIL	matrix spike, RPD	5/8/2019	Metal	Barium	Total	=	0.4	%	EPA 200.8	-88	-88	0	30	
2018/19-5	MO-MPK	matrix spike dup	5/23/2019	Metal	Barium	Total	=	111	µg/L	EPA 200.8	0.071	0.5			
2018/19-5	MO-MPK	matrix spike dup, rec	5/23/2019	Metal	Barium	Total	=	99	%	EPA 200.8	-88	-88	70	130	
2018/19-5	MO-MPK	matrix spike, RPD	5/23/2019	Metal	Barium	Total	=	0.07	%	EPA 200.8	-88	-88	0	30	
2018/19-5	MO-MPK	matrix spike	5/23/2019	Metal	Barium	Total	=	111	µg/L	EPA 200.8	0.071	0.5			
2018/19-5	MO-MPK	matrix spike, rec	5/23/2019	Metal	Barium	Total	=	100	%	EPA 200.8	-88	-88	70	130	
2018/19-5	MO-OJA	matrix spike	5/17/2019	Metal	Barium	Total	=	123	µg/L	EPA 200.8	0.071	0.5			
2018/19-5	MO-OJA	matrix spike, rec	5/17/2019	Metal	Barium	Total	=	98	%	EPA 200.8	-88	-88	70	130	
2018/19-5	MO-OJA	matrix spike dup	5/17/2019	Metal	Barium	Total	=	123	µg/L	EPA 200.8	0.071	0.5			
2018/19-5	MO-OJA	matrix spike dup, rec	5/17/2019	Metal	Barium	Total	=	99	%	EPA 200.8	-88	-88	70	130	
2018/19-5	MO-OJA	matrix spike, RPD	5/17/2019	Metal	Barium	Total	=	0.08	%	EPA 200.8	-88	-88	0	30	
2018/19-5	Lab	method blank	5/8/2019	Metal	Beryllium	Dissolved	<	0.033	µg/L	EPA 200.8	0.033	0.1			
2018/19-5	Lab	LCS	5/8/2019	Metal	Beryllium	Dissolved	=	48.2	µg/L	EPA 200.8	0.033	0.1			
2018/19-5	Lab	LCS, rec	5/8/2019	Metal	Beryllium	Dissolved	=	96	%	EPA 200.8	-88	-88	85	115	
2018/19-5	Lab	method blank	5/22/2019	Metal	Beryllium	Dissolved	<	0.033	µg/L	EPA 200.8	0.033	0.1			
2018/19-5	Lab	LCS	5/22/2019	Metal	Beryllium	Dissolved	=	47.6	µg/L	EPA 200.8	0.033	0.1			
2018/19-5	Lab	LCS, rec	5/22/2019	Metal	Beryllium	Dissolved	=	95	%	EPA 200.8	-88	-88	85	115	
2018/19-5	Lab	LCS	5/23/2019	Metal	Beryllium	Dissolved	=	48.8	µg/L	EPA 200.8	0.033	0.1			
2018/19-5	Lab	LCS, rec	5/23/2019	Metal	Beryllium	Dissolved	=	98	%	EPA 200.8	-88	-88	85	115	
2018/19-5	Lab	method blank	5/23/2019	Metal	Beryllium	Dissolved	<	0.033	µg/L	EPA 200.8	0.033	0.1			
2018/19-5	MO-MPK	matrix spike dup	5/23/2019	Metal	Beryllium	Dissolved	=	52.2	µg/L	EPA 200.8	0.033	0.1			
2018/19-5	MO-MPK	matrix spike dup, rec	5/23/2019	Metal	Beryllium	Dissolved	=	104	%	EPA 200.8	-88	-88	70	130	
2018/19-5	MO-MPK	matrix spike, RPD	5/23/2019	Metal	Beryllium	Dissolved	=	1	%	EPA 200.8	-88	-88	0	30	
2018/19-5	MO-MPK	matrix spike	5/23/2019	Metal	Beryllium	Dissolved	=	51.6	µg/L	EPA 200.8	0.033	0.1			
2018/19-5	MO-MPK	matrix spike, rec	5/23/2019	Metal	Beryllium	Dissolved	=	103	%	EPA 200.8	-88	-88	70	130	
2018/19-5	Lab	method blank	5/8/2019	Metal	Beryllium	Total	<	0.033	µg/L	EPA 200.8	0.033	0.1			
2018/19-5	Lab	LCS	5/8/2019	Metal	Beryllium	Total	=	48.2	µg/L	EPA 200.8	0.033	0.1			
2018/19-5	Lab	LCS, rec	5/8/2019	Metal	Beryllium	Total	=	96	%	EPA 200.8	-88	-88	85	115	
2018/19-5	Lab	method blank	5/22/2019	Metal	Beryllium	Total	<	0.033	µg/L	EPA 200.8	0.033	0.1			
2018/19-5	Lab	LCS	5/22/2019	Metal	Beryllium	Total	=	47.6	µg/L	EPA 200.8	0.033	0.1			
2018/19-5	Lab	LCS, rec	5/22/2019	Metal	Beryllium	Total	=	95	%	EPA 200.8	-88	-88	85	115	
2018/19-5	Lab	method blank	5/23/2019	Metal	Beryllium	Total	<	0.033	µg/L	EPA 200.8	0.033	0.1			
2018/19-5	Lab	LCS	5/23/2019	Metal	Beryllium	Total	=	48.8	µg/L	EPA 200.8	0.033	0.1			
2018/19-5	Lab	LCS, rec	5/23/2019	Metal	Beryllium	Total	=	98	%	EPA 200.8	-88	-88	85	115	
2018/19-5	MO-FIL	matrix spike	5/8/2019	Metal	Beryllium	Total	=	48.2	µg/L	EPA 200.8	0.033	0.1			
2018/19-5	MO-FIL	matrix spike, rec	5/8/2019	Metal	Beryllium	Total	=	96	%	EPA 200.8	-88	-88	70	130	
2018/19-5	MO-FIL	matrix spike dup	5/8/2019	Metal	Beryllium	Total	=	48.7	µg/L	EPA 200.8	0.033	0.1			
2018/19-5	MO-FIL	matrix spike dup, rec	5/8/2019	Metal	Beryllium	Total	=	97	%	EPA 200.8	-88	-88	70	130	
2018/19-5	MO-FIL	matrix spike, RPD	5/8/2019	Metal	Beryllium	Total	=	1	%	EPA 200.8	-88	-88	0	30	
2018/19-5	MO-MPK	matrix spike dup	5/23/2019	Metal	Beryllium	Total	=	52.2	µg/L	EPA 200.8	0.033	0.1			
2018/19-5	MO-MPK	matrix spike dup, rec	5/23/2019	Metal	Beryllium	Total	=	104	%	EPA 200.8	-88	-88	70	130	
2018/19-5	MO-MPK	matrix spike, RPD	5/23/2019	Metal	Beryllium	Total	=	1	%	EPA 200.8	-88	-88	0	30	
2018/19-5	MO-MPK	matrix spike	5/23/2019	Metal	Beryllium	Total	=	51.6	µg/L	EPA 200.8	0.033	0.1			

Appendix F
Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2018/19-5	MO-MPK	matrix spike, rec	5/23/2019	Metal	Beryllium	Total	=	103	%	EPA 200.8	-88	-88	70	130	
2018/19-5	MO-OJA	matrix spike	5/22/2019	Metal	Beryllium	Total	=	53.6	µg/L	EPA 200.8	0.033	0.1			
2018/19-5	MO-OJA	matrix spike, rec	5/22/2019	Metal	Beryllium	Total	=	107	%	EPA 200.8	-88	-88	70	130	
2018/19-5	MO-OJA	matrix spike dup	5/22/2019	Metal	Beryllium	Total	=	53.2	µg/L	EPA 200.8	0.033	0.1			
2018/19-5	MO-OJA	matrix spike dup, rec	5/22/2019	Metal	Beryllium	Total	=	107	%	EPA 200.8	-88	-88	70	130	
2018/19-5	MO-OJA	matrix spike, RPD	5/22/2019	Metal	Beryllium	Total	=	0.8	%	EPA 200.8	-88	-88	0	30	
2018/19-5	Lab	method blank	5/8/2019	Metal	Cadmium	Dissolved	<	0.041	µg/L	EPA 200.8	0.041	0.1			
2018/19-5	Lab	LCS	5/8/2019	Metal	Cadmium	Dissolved	=	48.7	µg/L	EPA 200.8	0.041	0.1			
2018/19-5	Lab	LCS, rec	5/8/2019	Metal	Cadmium	Dissolved	=	97	%	EPA 200.8	-88	-88	85	115	
2018/19-5	Lab	method blank	5/17/2019	Metal	Cadmium	Dissolved	<	0.041	µg/L	EPA 200.8	0.041	0.1			
2018/19-5	Lab	LCS	5/17/2019	Metal	Cadmium	Dissolved	=	49.5	µg/L	EPA 200.8	0.041	0.1			
2018/19-5	Lab	LCS, rec	5/17/2019	Metal	Cadmium	Dissolved	=	99	%	EPA 200.8	-88	-88	85	115	
2018/19-5	Lab	LCS	5/23/2019	Metal	Cadmium	Dissolved	=	50.7	µg/L	EPA 200.8	0.041	0.1			
2018/19-5	Lab	LCS, rec	5/23/2019	Metal	Cadmium	Dissolved	=	101	%	EPA 200.8	-88	-88	85	115	
2018/19-5	Lab	method blank	5/23/2019	Metal	Cadmium	Dissolved	<	0.041	µg/L	EPA 200.8	0.041	0.1			
2018/19-5	MO-MPK	matrix spike dup	5/23/2019	Metal	Cadmium	Dissolved	=	49.7	µg/L	EPA 200.8	0.041	0.1			
2018/19-5	MO-MPK	matrix spike dup, rec	5/23/2019	Metal	Cadmium	Dissolved	=	99	%	EPA 200.8	-88	-88	70	130	
2018/19-5	MO-MPK	matrix spike, RPD	5/23/2019	Metal	Cadmium	Dissolved	=	2	%	EPA 200.8	-88	-88	0	30	
2018/19-5	MO-MPK	matrix spike	5/23/2019	Metal	Cadmium	Dissolved	=	50.6	µg/L	EPA 200.8	0.041	0.1			
2018/19-5	MO-MPK	matrix spike, rec	5/23/2019	Metal	Cadmium	Dissolved	=	100	%	EPA 200.8	-88	-88	70	130	
2018/19-5	Lab	method blank	5/8/2019	Metal	Cadmium	Total	<	0.041	µg/L	EPA 200.8	0.041	0.1			
2018/19-5	Lab	LCS	5/8/2019	Metal	Cadmium	Total	=	48.7	µg/L	EPA 200.8	0.041	0.1			
2018/19-5	Lab	LCS, rec	5/8/2019	Metal	Cadmium	Total	=	97	%	EPA 200.8	-88	-88	85	115	
2018/19-5	Lab	method blank	5/17/2019	Metal	Cadmium	Total	<	0.041	µg/L	EPA 200.8	0.041	0.1			
2018/19-5	Lab	LCS	5/17/2019	Metal	Cadmium	Total	=	49.5	µg/L	EPA 200.8	0.041	0.1			
2018/19-5	Lab	LCS, rec	5/17/2019	Metal	Cadmium	Total	=	99	%	EPA 200.8	-88	-88	85	115	
2018/19-5	Lab	method blank	5/23/2019	Metal	Cadmium	Total	<	0.041	µg/L	EPA 200.8	0.041	0.1			
2018/19-5	Lab	LCS	5/23/2019	Metal	Cadmium	Total	=	50.7	µg/L	EPA 200.8	0.041	0.1			
2018/19-5	Lab	LCS, rec	5/23/2019	Metal	Cadmium	Total	=	101	%	EPA 200.8	-88	-88	85	115	
2018/19-5	MO-FIL	matrix spike	5/8/2019	Metal	Cadmium	Total	=	44.4	µg/L	EPA 200.8	0.041	0.1			
2018/19-5	MO-FIL	matrix spike, rec	5/8/2019	Metal	Cadmium	Total	=	89	%	EPA 200.8	-88	-88	70	130	
2018/19-5	MO-FIL	matrix spike dup	5/8/2019	Metal	Cadmium	Total	=	45.8	µg/L	EPA 200.8	0.041	0.1			
2018/19-5	MO-FIL	matrix spike dup, rec	5/8/2019	Metal	Cadmium	Total	=	91	%	EPA 200.8	-88	-88	70	130	
2018/19-5	MO-FIL	matrix spike, RPD	5/8/2019	Metal	Cadmium	Total	=	3	%	EPA 200.8	-88	-88	0	30	
2018/19-5	MO-MPK	matrix spike dup	5/23/2019	Metal	Cadmium	Total	=	49.7	µg/L	EPA 200.8	0.041	0.1			
2018/19-5	MO-MPK	matrix spike dup, rec	5/23/2019	Metal	Cadmium	Total	=	99	%	EPA 200.8	-88	-88	70	130	
2018/19-5	MO-MPK	matrix spike, RPD	5/23/2019	Metal	Cadmium	Total	=	2	%	EPA 200.8	-88	-88	0	30	
2018/19-5	MO-MPK	matrix spike	5/23/2019	Metal	Cadmium	Total	=	50.6	µg/L	EPA 200.8	0.041	0.1			
2018/19-5	MO-MPK	matrix spike, rec	5/23/2019	Metal	Cadmium	Total	=	100	%	EPA 200.8	-88	-88	70	130	
2018/19-5	MO-OJA	matrix spike	5/17/2019	Metal	Cadmium	Total	=	47.4	µg/L	EPA 200.8	0.041	0.1			
2018/19-5	MO-OJA	matrix spike, rec	5/17/2019	Metal	Cadmium	Total	=	95	%	EPA 200.8	-88	-88	70	130	
2018/19-5	MO-OJA	matrix spike dup	5/17/2019	Metal	Cadmium	Total	=	47.2	µg/L	EPA 200.8	0.041	0.1			
2018/19-5	MO-OJA	matrix spike dup, rec	5/17/2019	Metal	Cadmium	Total	=	94	%	EPA 200.8	-88	-88	70	130	
2018/19-5	MO-OJA	matrix spike, RPD	5/17/2019	Metal	Cadmium	Total	=	0.3	%	EPA 200.8	-88	-88	0	30	
2018/19-5	Lab	method blank	5/8/2019	Metal	Chromium	Dissolved	<	0.035	µg/L	EPA 200.8	0.035	0.2			
2018/19-5	Lab	LCS	5/8/2019	Metal	Chromium	Dissolved	=	49	µg/L	EPA 200.8	0.035	0.2			
2018/19-5	Lab	LCS, rec	5/8/2019	Metal	Chromium	Dissolved	=	98	%	EPA 200.8	-88	-88	85	115	

Appendix F
Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2018/19-5	Lab	method blank	5/17/2019	Metal	Chromium	Dissolved	<	0.035	µg/L	EPA 200.8	0.035	0.2			
2018/19-5	Lab	LCS	5/17/2019	Metal	Chromium	Dissolved	=	49.9	µg/L	EPA 200.8	0.035	0.2			
2018/19-5	Lab	LCS, rec	5/17/2019	Metal	Chromium	Dissolved	=	100	%	EPA 200.8	-88	-88	85	115	
2018/19-5	Lab	LCS	5/23/2019	Metal	Chromium	Dissolved	=	49.5	µg/L	EPA 200.8	0.035	0.2			
2018/19-5	Lab	LCS, rec	5/23/2019	Metal	Chromium	Dissolved	=	99	%	EPA 200.8	-88	-88	85	115	
2018/19-5	Lab	method blank	5/23/2019	Metal	Chromium	Dissolved	<	0.035	µg/L	EPA 200.8	0.035	0.2			
2018/19-5	MO-MPK	matrix spike dup	5/23/2019	Metal	Chromium	Dissolved	=	52.7	µg/L	EPA 200.8	0.035	0.2			
2018/19-5	MO-MPK	matrix spike dup, rec	5/23/2019	Metal	Chromium	Dissolved	=	105	%	EPA 200.8	-88	-88	70	130	
2018/19-5	MO-MPK	matrix spike, RPD	5/23/2019	Metal	Chromium	Dissolved	=	0.3	%	EPA 200.8	-88	-88	0	30	
2018/19-5	MO-MPK	matrix spike	5/23/2019	Metal	Chromium	Dissolved	=	52.8	µg/L	EPA 200.8	0.035	0.2			
2018/19-5	MO-MPK	matrix spike, rec	5/23/2019	Metal	Chromium	Dissolved	=	105	%	EPA 200.8	-88	-88	70	130	
2018/19-5	Lab	method blank	5/8/2019	Metal	Chromium	Total	<	0.035	µg/L	EPA 200.8	0.035	0.2			
2018/19-5	Lab	LCS	5/8/2019	Metal	Chromium	Total	=	49	µg/L	EPA 200.8	0.035	0.2			
2018/19-5	Lab	LCS, rec	5/8/2019	Metal	Chromium	Total	=	98	%	EPA 200.8	-88	-88	85	115	
2018/19-5	Lab	method blank	5/17/2019	Metal	Chromium	Total	<	0.035	µg/L	EPA 200.8	0.035	0.2			
2018/19-5	Lab	LCS	5/17/2019	Metal	Chromium	Total	=	49.9	µg/L	EPA 200.8	0.035	0.2			
2018/19-5	Lab	LCS, rec	5/17/2019	Metal	Chromium	Total	=	100	%	EPA 200.8	-88	-88	85	115	
2018/19-5	Lab	method blank	5/23/2019	Metal	Chromium	Total	<	0.035	µg/L	EPA 200.8	0.035	0.2			
2018/19-5	Lab	LCS	5/23/2019	Metal	Chromium	Total	=	49.5	µg/L	EPA 200.8	0.035	0.2			
2018/19-5	Lab	LCS, rec	5/23/2019	Metal	Chromium	Total	=	99	%	EPA 200.8	-88	-88	85	115	
2018/19-5	MO-FIL	matrix spike	5/8/2019	Metal	Chromium	Total	=	47.7	µg/L	EPA 200.8	0.035	0.2			
2018/19-5	MO-FIL	matrix spike, rec	5/8/2019	Metal	Chromium	Total	=	95	%	EPA 200.8	-88	-88	70	130	
2018/19-5	MO-FIL	matrix spike dup	5/8/2019	Metal	Chromium	Total	=	48.9	µg/L	EPA 200.8	0.035	0.2			
2018/19-5	MO-FIL	matrix spike dup, rec	5/8/2019	Metal	Chromium	Total	=	97	%	EPA 200.8	-88	-88	70	130	
2018/19-5	MO-FIL	matrix spike, RPD	5/8/2019	Metal	Chromium	Total	=	3	%	EPA 200.8	-88	-88	0	30	
2018/19-5	MO-MPK	matrix spike dup	5/23/2019	Metal	Chromium	Total	=	52.7	µg/L	EPA 200.8	0.035	0.2			
2018/19-5	MO-MPK	matrix spike dup, rec	5/23/2019	Metal	Chromium	Total	=	104	%	EPA 200.8	-88	-88	70	130	
2018/19-5	MO-MPK	matrix spike, RPD	5/23/2019	Metal	Chromium	Total	=	0.3	%	EPA 200.8	-88	-88	0	30	
2018/19-5	MO-MPK	matrix spike	5/23/2019	Metal	Chromium	Total	=	52.8	µg/L	EPA 200.8	0.035	0.2			
2018/19-5	MO-MPK	matrix spike, rec	5/23/2019	Metal	Chromium	Total	=	105	%	EPA 200.8	-88	-88	70	130	
2018/19-5	MO-OJA	matrix spike	5/17/2019	Metal	Chromium	Total	=	50.1	µg/L	EPA 200.8	0.035	0.2			
2018/19-5	MO-OJA	matrix spike, rec	5/17/2019	Metal	Chromium	Total	=	100	%	EPA 200.8	-88	-88	70	130	
2018/19-5	MO-OJA	matrix spike dup	5/17/2019	Metal	Chromium	Total	=	50.4	µg/L	EPA 200.8	0.035	0.2			
2018/19-5	MO-OJA	matrix spike dup, rec	5/17/2019	Metal	Chromium	Total	=	101	%	EPA 200.8	-88	-88	70	130	
2018/19-5	MO-OJA	matrix spike, RPD	5/17/2019	Metal	Chromium	Total	=	0.5	%	EPA 200.8	-88	-88	0	30	
2018/19-5	000NONPJ	matrix spike	5/6/2019	Metal	Chromium VI	n/a	=	8.1	µg/L	EPA 218.6	0.0048	0.02			
2018/19-5	000NONPJ	matrix spike, rec	5/6/2019	Metal	Chromium VI	n/a	=	101	%	EPA 218.6	-88	-88	88	112	
2018/19-5	000NONPJ	matrix spike dup	5/6/2019	Metal	Chromium VI	n/a	=	8.26	µg/L	EPA 218.6	0.0048	0.02			
2018/19-5	000NONPJ	matrix spike dup, rec	5/6/2019	Metal	Chromium VI	n/a	=	105	%	EPA 218.6	-88	-88	88	112	
2018/19-5	000NONPJ	matrix spike, RPD	5/6/2019	Metal	Chromium VI	n/a	=	2	%	EPA 218.6	-88	-88	0	10	
2018/19-5	000NONPJ	matrix spike	5/22/2019	Metal	Chromium VI	n/a	=	5.52	µg/L	EPA 218.6	0.0048	0.02			
2018/19-5	000NONPJ	matrix spike, rec	5/22/2019	Metal	Chromium VI	n/a	=	96	%	EPA 218.6	-88	-88	88	112	
2018/19-5	000NONPJ	matrix spike dup	5/22/2019	Metal	Chromium VI	n/a	=	5.76	µg/L	EPA 218.6	0.0048	0.02			
2018/19-5	000NONPJ	matrix spike dup, rec	5/22/2019	Metal	Chromium VI	n/a	=	101	%	EPA 218.6	-88	-88	88	112	
2018/19-5	000NONPJ	matrix spike, RPD	5/22/2019	Metal	Chromium VI	n/a	=	4	%	EPA 218.6	-88	-88	0	10	
2018/19-5	Lab	method blank	5/6/2019	Metal	Chromium VI	n/a	<	0.0048	µg/L	EPA 218.6	0.0048	0.02			
2018/19-5	Lab	LCS	5/6/2019	Metal	Chromium VI	n/a	=	5.33	µg/L	EPA 218.6	0.0048	0.02			

Appendix F
Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2018/19-5	Lab	LCS, rec	5/6/2019	Metal	Chromium VI	n/a	=	107	%	EPA 218.6	-88	-88	90	110	
2018/19-5	Lab	method blank	5/15/2019	Metal	Chromium VI	n/a	<	0.0048	µg/L	EPA 218.6	0.0048	0.02			
2018/19-5	Lab	LCS	5/15/2019	Metal	Chromium VI	n/a	=	5.09	µg/L	EPA 218.6	0.0048	0.02			
2018/19-5	Lab	LCS, rec	5/15/2019	Metal	Chromium VI	n/a	=	102	%	EPA 218.6	-88	-88	90	110	
2018/19-5	Lab	method blank	5/22/2019	Metal	Chromium VI	n/a	<	0.0048	µg/L	EPA 218.6	0.0048	0.02			
2018/19-5	Lab	LCS	5/22/2019	Metal	Chromium VI	n/a	=	4.94	µg/L	EPA 218.6	0.0048	0.02			
2018/19-5	Lab	LCS, rec	5/22/2019	Metal	Chromium VI	n/a	=	99	%	EPA 218.6	-88	-88	90	110	
2018/19-5	ME-SCR	matrix spike	5/6/2019	Metal	Chromium VI	n/a	=	5.29	µg/L	EPA 218.6	0.0048	0.02			
2018/19-5	ME-SCR	matrix spike, rec	5/6/2019	Metal	Chromium VI	n/a	=	106	%	EPA 218.6	-88	-88	88	112	
2018/19-5	ME-SCR	matrix spike dup	5/6/2019	Metal	Chromium VI	n/a	=	5.33	µg/L	EPA 218.6	0.0048	0.02			
2018/19-5	ME-SCR	matrix spike dup, rec	5/6/2019	Metal	Chromium VI	n/a	=	106	%	EPA 218.6	-88	-88	88	112	
2018/19-5	ME-SCR	matrix spike, RPD	5/6/2019	Metal	Chromium VI	n/a	=	0.7	%	EPA 218.6	-88	-88	0	10	
2018/19-5	ME-VR2	matrix spike	5/15/2019	Metal	Chromium VI	n/a	=	5.12	µg/L	EPA 218.6	0.0048	0.02			
2018/19-5	ME-VR2	matrix spike, rec	5/15/2019	Metal	Chromium VI	n/a	=	101	%	EPA 218.6	-88	-88	88	112	
2018/19-5	ME-VR2	matrix spike dup	5/15/2019	Metal	Chromium VI	n/a	=	5.16	µg/L	EPA 218.6	0.0048	0.02			
2018/19-5	ME-VR2	matrix spike dup, rec	5/15/2019	Metal	Chromium VI	n/a	=	102	%	EPA 218.6	-88	-88	88	112	
2018/19-5	ME-VR2	matrix spike, RPD	5/15/2019	Metal	Chromium VI	n/a	=	0.8	%	EPA 218.6	-88	-88	0	10	
2018/19-5	MO-OJA	matrix spike	5/15/2019	Metal	Chromium VI	n/a	=	5.16	µg/L	EPA 218.6	0.0048	0.02			
2018/19-5	MO-OJA	matrix spike, rec	5/15/2019	Metal	Chromium VI	n/a	=	100	%	EPA 218.6	-88	-88	88	112	
2018/19-5	MO-OJA	matrix spike dup	5/15/2019	Metal	Chromium VI	n/a	=	5.16	µg/L	EPA 218.6	0.0048	0.02			
2018/19-5	MO-OJA	matrix spike dup, rec	5/15/2019	Metal	Chromium VI	n/a	=	100	%	EPA 218.6	-88	-88	88	112	
2018/19-5	MO-OJA	matrix spike, RPD	5/15/2019	Metal	Chromium VI	n/a	=	0.05	%	EPA 218.6	-88	-88	0	10	
2018/19-5	Lab	method blank	5/8/2019	Metal	Copper	Dissolved	<	0.13	µg/L	EPA 200.8	0.13	0.5			
2018/19-5	Lab	LCS	5/8/2019	Metal	Copper	Dissolved	=	50.6	µg/L	EPA 200.8	0.13	0.5			
2018/19-5	Lab	LCS, rec	5/8/2019	Metal	Copper	Dissolved	=	101	%	EPA 200.8	-88	-88	85	115	
2018/19-5	Lab	method blank	5/17/2019	Metal	Copper	Dissolved	<	0.13	µg/L	EPA 200.8	0.13	0.5			
2018/19-5	Lab	LCS	5/17/2019	Metal	Copper	Dissolved	=	52.2	µg/L	EPA 200.8	0.13	0.5			
2018/19-5	Lab	LCS, rec	5/17/2019	Metal	Copper	Dissolved	=	104	%	EPA 200.8	-88	-88	85	115	
2018/19-5	Lab	LCS	5/23/2019	Metal	Copper	Dissolved	=	50.6	µg/L	EPA 200.8	0.13	0.5			
2018/19-5	Lab	LCS, rec	5/23/2019	Metal	Copper	Dissolved	=	101	%	EPA 200.8	-88	-88	85	115	
2018/19-5	Lab	method blank	5/23/2019	Metal	Copper	Dissolved	<	0.13	µg/L	EPA 200.8	0.13	0.5			
2018/19-5	MO-MPK	matrix spike dup	5/23/2019	Metal	Copper	Dissolved	=	54.9	µg/L	EPA 200.8	0.13	0.5			
2018/19-5	MO-MPK	matrix spike dup, rec	5/23/2019	Metal	Copper	Dissolved	=	97	%	EPA 200.8	-88	-88	70	130	
2018/19-5	MO-MPK	matrix spike, RPD	5/23/2019	Metal	Copper	Dissolved	=	0.2	%	EPA 200.8	-88	-88	0	30	
2018/19-5	MO-MPK	matrix spike	5/23/2019	Metal	Copper	Dissolved	=	54.8	µg/L	EPA 200.8	0.13	0.5			
2018/19-5	MO-MPK	matrix spike, rec	5/23/2019	Metal	Copper	Dissolved	=	97	%	EPA 200.8	-88	-88	70	130	
2018/19-5	Lab	method blank	5/8/2019	Metal	Copper	Total	<	0.13	µg/L	EPA 200.8	0.13	0.5			
2018/19-5	Lab	LCS	5/8/2019	Metal	Copper	Total	=	50.6	µg/L	EPA 200.8	0.13	0.5			
2018/19-5	Lab	LCS, rec	5/8/2019	Metal	Copper	Total	=	101	%	EPA 200.8	-88	-88	85	115	
2018/19-5	Lab	method blank	5/17/2019	Metal	Copper	Total	<	0.13	µg/L	EPA 200.8	0.13	0.5			
2018/19-5	Lab	LCS	5/17/2019	Metal	Copper	Total	=	52.2	µg/L	EPA 200.8	0.13	0.5			
2018/19-5	Lab	LCS, rec	5/17/2019	Metal	Copper	Total	=	104	%	EPA 200.8	-88	-88	85	115	
2018/19-5	Lab	method blank	5/23/2019	Metal	Copper	Total	<	0.13	µg/L	EPA 200.8	0.13	0.5			
2018/19-5	Lab	LCS	5/23/2019	Metal	Copper	Total	=	50.6	µg/L	EPA 200.8	0.13	0.5			
2018/19-5	Lab	LCS, rec	5/23/2019	Metal	Copper	Total	=	101	%	EPA 200.8	-88	-88	85	115	
2018/19-5	MO-FIL	matrix spike	5/8/2019	Metal	Copper	Total	=	47.7	µg/L	EPA 200.8	0.13	0.5			
2018/19-5	MO-FIL	matrix spike, rec	5/8/2019	Metal	Copper	Total	=	88	%	EPA 200.8	-88	-88	70	130	

Appendix F
Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2018/19-5	MO-FIL	matrix spike dup	5/8/2019	Metal	Copper	Total	=	49.5	µg/L	EPA 200.8	0.13	0.5			
2018/19-5	MO-FIL	matrix spike dup, rec	5/8/2019	Metal	Copper	Total	=	92	%	EPA 200.8	-88	-88	70	130	
2018/19-5	MO-FIL	matrix spike, RPD	5/8/2019	Metal	Copper	Total	=	4	%	EPA 200.8	-88	-88	0	30	
2018/19-5	MO-MPK	matrix spike dup	5/23/2019	Metal	Copper	Total	=	54.9	µg/L	EPA 200.8	0.13	0.5			
2018/19-5	MO-MPK	matrix spike dup, rec	5/23/2019	Metal	Copper	Total	=	96	%	EPA 200.8	-88	-88	70	130	
2018/19-5	MO-MPK	matrix spike, RPD	5/23/2019	Metal	Copper	Total	=	0.2	%	EPA 200.8	-88	-88	0	30	
2018/19-5	MO-MPK	matrix spike	5/23/2019	Metal	Copper	Total	=	54.8	µg/L	EPA 200.8	0.13	0.5			
2018/19-5	MO-MPK	matrix spike, rec	5/23/2019	Metal	Copper	Total	=	96	%	EPA 200.8	-88	-88	70	130	
2018/19-5	MO-OJA	matrix spike	5/17/2019	Metal	Copper	Total	=	47.9	µg/L	EPA 200.8	0.13	0.5			
2018/19-5	MO-OJA	matrix spike, rec	5/17/2019	Metal	Copper	Total	=	93	%	EPA 200.8	-88	-88	70	130	
2018/19-5	MO-OJA	matrix spike dup	5/17/2019	Metal	Copper	Total	=	48.3	µg/L	EPA 200.8	0.13	0.5			
2018/19-5	MO-OJA	matrix spike dup, rec	5/17/2019	Metal	Copper	Total	=	94	%	EPA 200.8	-88	-88	70	130	
2018/19-5	MO-OJA	matrix spike, RPD	5/17/2019	Metal	Copper	Total	=	0.8	%	EPA 200.8	-88	-88	0	30	
2018/19-5	Lab	method blank	5/10/2019	Metal	Iron	Dissolved	DNQ	6	µg/L	EPA 200.7	1.1	10			IP
2018/19-5	Lab	LCS	5/10/2019	Metal	Iron	Dissolved	=	218	µg/L	EPA 200.7	1.1	10			
2018/19-5	Lab	LCS, rec	5/10/2019	Metal	Iron	Dissolved	=	109	%	EPA 200.7	-88	-88	85	115	
2018/19-5	Lab	method blank	5/16/2019	Metal	Iron	Dissolved	DNQ	2	µg/L	EPA 200.7	1.1	10			IP
2018/19-5	Lab	LCS	5/16/2019	Metal	Iron	Dissolved	=	211	µg/L	EPA 200.7	1.1	10			
2018/19-5	Lab	LCS, rec	5/16/2019	Metal	Iron	Dissolved	=	105	%	EPA 200.7	-88	-88	85	115	
2018/19-5	Lab	method blank	5/22/2019	Metal	Iron	Dissolved	<	1.1	µg/L	EPA 200.7	1.1	10			
2018/19-5	Lab	LCS	5/22/2019	Metal	Iron	Dissolved	=	205	µg/L	EPA 200.7	1.1	10			
2018/19-5	Lab	LCS, rec	5/22/2019	Metal	Iron	Dissolved	=	102	%	EPA 200.7	-88	-88	85	115	
2018/19-5	ME-VR2	matrix spike	5/16/2019	Metal	Iron	Dissolved	=	257	µg/L	EPA 200.7	1.1	10			
2018/19-5	ME-VR2	matrix spike, rec	5/16/2019	Metal	Iron	Dissolved	=	121	%	EPA 200.7	-88	-88	70	130	
2018/19-5	ME-VR2	matrix spike dup	5/16/2019	Metal	Iron	Dissolved	=	256	µg/L	EPA 200.7	1.1	10			
2018/19-5	ME-VR2	matrix spike dup, rec	5/16/2019	Metal	Iron	Dissolved	=	121	%	EPA 200.7	-88	-88	70	130	
2018/19-5	ME-VR2	matrix spike, RPD	5/16/2019	Metal	Iron	Dissolved	=	0.4	%	EPA 200.7	-88	-88	0	30	
2018/19-5	Lab	method blank	5/10/2019	Metal	Iron	Total	<	1.1	µg/L	EPA 200.7	1.1	10			
2018/19-5	Lab	LCS	5/10/2019	Metal	Iron	Total	=	218	µg/L	EPA 200.7	1.1	10			
2018/19-5	Lab	LCS, rec	5/10/2019	Metal	Iron	Total	=	109	%	EPA 200.7	-88	-88	85	115	
2018/19-5	Lab	method blank	5/16/2019	Metal	Iron	Total	DNQ	2	µg/L	EPA 200.7	1.1	10			IP
2018/19-5	Lab	LCS	5/16/2019	Metal	Iron	Total	=	211	µg/L	EPA 200.7	1.1	10			
2018/19-5	Lab	LCS, rec	5/16/2019	Metal	Iron	Total	=	105	%	EPA 200.7	-88	-88	85	115	
2018/19-5	Lab	method blank	5/22/2019	Metal	Iron	Total	DNQ	2	µg/L	EPA 200.7	1.1	10			IP
2018/19-5	Lab	LCS	5/22/2019	Metal	Iron	Total	=	205	µg/L	EPA 200.7	1.1	10			
2018/19-5	Lab	LCS, rec	5/22/2019	Metal	Iron	Total	=	102	%	EPA 200.7	-88	-88	85	115	
2018/19-5	ME-SCR	matrix spike	5/10/2019	Metal	Iron	Total	=	2510	µg/L	EPA 200.7	1.1	10			GB
2018/19-5	ME-SCR	matrix spike, rec	5/10/2019	Metal	Iron	Total	=	134	%	EPA 200.7	-88	-88	70	130	GB
2018/19-5	ME-SCR	matrix spike dup	5/10/2019	Metal	Iron	Total	=	2590	µg/L	EPA 200.7	1.1	10			GB
2018/19-5	ME-SCR	matrix spike dup, rec	5/10/2019	Metal	Iron	Total	=	175	%	EPA 200.7	-88	-88	70	130	GB
2018/19-5	ME-SCR	matrix spike, RPD	5/10/2019	Metal	Iron	Total	=	3	%	EPA 200.7	-88	-88	0	30	GB
2018/19-5	ME-VR2	matrix spike	5/16/2019	Metal	Iron	Total	=	257	µg/L	EPA 200.7	1.1	10			
2018/19-5	ME-VR2	matrix spike, rec	5/16/2019	Metal	Iron	Total	=	107	%	EPA 200.7	-88	-88	70	130	
2018/19-5	ME-VR2	matrix spike dup	5/16/2019	Metal	Iron	Total	=	256	µg/L	EPA 200.7	1.1	10			
2018/19-5	ME-VR2	matrix spike dup, rec	5/16/2019	Metal	Iron	Total	=	106	%	EPA 200.7	-88	-88	70	130	
2018/19-5	ME-VR2	matrix spike, RPD	5/16/2019	Metal	Iron	Total	=	0.4	%	EPA 200.7	-88	-88	0	30	
2018/19-5	MO-CAM	matrix spike	5/22/2019	Metal	Iron	Total	=	289	µg/L	EPA 200.7	1.1	10			

Appendix F
Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2018/19-5	MO-CAM	matrix spike, rec	5/22/2019	Metal	Iron	Total	=	103	%	EPA 200.7	-88	-88	70	130	
2018/19-5	MO-CAM	matrix spike dup	5/22/2019	Metal	Iron	Total	=	290	µg/L	EPA 200.7	1.1	10			
2018/19-5	MO-CAM	matrix spike dup, rec	5/22/2019	Metal	Iron	Total	=	104	%	EPA 200.7	-88	-88	70	130	
2018/19-5	MO-CAM	matrix spike, RPD	5/22/2019	Metal	Iron	Total	=	0.3	%	EPA 200.7	-88	-88	0	30	
2018/19-5	Lab	method blank	5/8/2019	Metal	Lead	Dissolved	<	0.031	µg/L	EPA 200.8	0.031	0.2			
2018/19-5	Lab	LCS	5/8/2019	Metal	Lead	Dissolved	=	48.8	µg/L	EPA 200.8	0.031	0.2			
2018/19-5	Lab	LCS, rec	5/8/2019	Metal	Lead	Dissolved	=	98	%	EPA 200.8	-88	-88	85	115	
2018/19-5	Lab	method blank	5/17/2019	Metal	Lead	Dissolved	<	0.031	µg/L	EPA 200.8	0.031	0.2			
2018/19-5	Lab	LCS	5/17/2019	Metal	Lead	Dissolved	=	50.8	µg/L	EPA 200.8	0.031	0.2			
2018/19-5	Lab	LCS, rec	5/17/2019	Metal	Lead	Dissolved	=	102	%	EPA 200.8	-88	-88	85	115	
2018/19-5	Lab	LCS	5/23/2019	Metal	Lead	Dissolved	=	50.5	µg/L	EPA 200.8	0.031	0.2			
2018/19-5	Lab	LCS, rec	5/23/2019	Metal	Lead	Dissolved	=	101	%	EPA 200.8	-88	-88	85	115	
2018/19-5	Lab	method blank	5/23/2019	Metal	Lead	Dissolved	<	0.031	µg/L	EPA 200.8	0.031	0.2			
2018/19-5	MO-MPK	matrix spike dup	5/23/2019	Metal	Lead	Dissolved	=	49.5	µg/L	EPA 200.8	0.031	0.2			
2018/19-5	MO-MPK	matrix spike dup, rec	5/23/2019	Metal	Lead	Dissolved	=	99	%	EPA 200.8	-88	-88	70	130	
2018/19-5	MO-MPK	matrix spike, RPD	5/23/2019	Metal	Lead	Dissolved	=	0.1	%	EPA 200.8	-88	-88	0	30	
2018/19-5	MO-MPK	matrix spike	5/23/2019	Metal	Lead	Dissolved	=	49.5	µg/L	EPA 200.8	0.031	0.2			
2018/19-5	MO-MPK	matrix spike, rec	5/23/2019	Metal	Lead	Dissolved	=	99	%	EPA 200.8	-88	-88	70	130	
2018/19-5	Lab	method blank	5/8/2019	Metal	Lead	Total	<	0.031	µg/L	EPA 200.8	0.031	0.2			
2018/19-5	Lab	LCS	5/8/2019	Metal	Lead	Total	=	48.8	µg/L	EPA 200.8	0.031	0.2			
2018/19-5	Lab	LCS, rec	5/8/2019	Metal	Lead	Total	=	98	%	EPA 200.8	-88	-88	85	115	
2018/19-5	Lab	method blank	5/17/2019	Metal	Lead	Total	<	0.031	µg/L	EPA 200.8	0.031	0.2			
2018/19-5	Lab	LCS	5/17/2019	Metal	Lead	Total	=	50.8	µg/L	EPA 200.8	0.031	0.2			
2018/19-5	Lab	LCS, rec	5/17/2019	Metal	Lead	Total	=	102	%	EPA 200.8	-88	-88	85	115	
2018/19-5	Lab	method blank	5/23/2019	Metal	Lead	Total	<	0.031	µg/L	EPA 200.8	0.031	0.2			
2018/19-5	Lab	LCS	5/23/2019	Metal	Lead	Total	=	50.5	µg/L	EPA 200.8	0.031	0.2			
2018/19-5	Lab	LCS, rec	5/23/2019	Metal	Lead	Total	=	101	%	EPA 200.8	-88	-88	85	115	
2018/19-5	MO-FIL	matrix spike	5/8/2019	Metal	Lead	Total	=	47.5	µg/L	EPA 200.8	0.031	0.2			
2018/19-5	MO-FIL	matrix spike, rec	5/8/2019	Metal	Lead	Total	=	95	%	EPA 200.8	-88	-88	70	130	
2018/19-5	MO-FIL	matrix spike dup	5/8/2019	Metal	Lead	Total	=	48.1	µg/L	EPA 200.8	0.031	0.2			
2018/19-5	MO-FIL	matrix spike dup, rec	5/8/2019	Metal	Lead	Total	=	96	%	EPA 200.8	-88	-88	70	130	
2018/19-5	MO-FIL	matrix spike, RPD	5/8/2019	Metal	Lead	Total	=	1	%	EPA 200.8	-88	-88	0	30	
2018/19-5	MO-MPK	matrix spike dup	5/23/2019	Metal	Lead	Total	=	49.5	µg/L	EPA 200.8	0.031	0.2			
2018/19-5	MO-MPK	matrix spike dup, rec	5/23/2019	Metal	Lead	Total	=	99	%	EPA 200.8	-88	-88	70	130	
2018/19-5	MO-MPK	matrix spike, RPD	5/23/2019	Metal	Lead	Total	=	0.1	%	EPA 200.8	-88	-88	0	30	
2018/19-5	MO-MPK	matrix spike	5/23/2019	Metal	Lead	Total	=	49.5	µg/L	EPA 200.8	0.031	0.2			
2018/19-5	MO-MPK	matrix spike, rec	5/23/2019	Metal	Lead	Total	=	99	%	EPA 200.8	-88	-88	70	130	
2018/19-5	MO-OJA	matrix spike	5/17/2019	Metal	Lead	Total	=	48.2	µg/L	EPA 200.8	0.031	0.2			
2018/19-5	MO-OJA	matrix spike, rec	5/17/2019	Metal	Lead	Total	=	97	%	EPA 200.8	-88	-88	70	130	
2018/19-5	MO-OJA	matrix spike dup	5/17/2019	Metal	Lead	Total	=	48.5	µg/L	EPA 200.8	0.031	0.2			
2018/19-5	MO-OJA	matrix spike dup, rec	5/17/2019	Metal	Lead	Total	=	97	%	EPA 200.8	-88	-88	70	130	
2018/19-5	MO-OJA	matrix spike, RPD	5/17/2019	Metal	Lead	Total	=	0.5	%	EPA 200.8	-88	-88	0	30	
2018/19-5	000NONPJ	matrix spike	5/9/2019	Metal	Mercury	Dissolved	=	978	ng/L	EPA 245.1	17	50			
2018/19-5	000NONPJ	matrix spike, rec	5/9/2019	Metal	Mercury	Dissolved	=	98	%	EPA 245.1	-88	-88	70	130	
2018/19-5	000NONPJ	matrix spike dup	5/9/2019	Metal	Mercury	Dissolved	=	980	ng/L	EPA 245.1	17	50			
2018/19-5	000NONPJ	matrix spike dup, rec	5/9/2019	Metal	Mercury	Dissolved	=	98	%	EPA 245.1	-88	-88	70	130	
2018/19-5	000NONPJ	matrix spike, RPD	5/9/2019	Metal	Mercury	Dissolved	=	0.2	%	EPA 245.1	-88	-88	0	20	

Appendix F
Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2018/19-5	000NONPJ	matrix spike	5/9/2019	Metal	Mercury	Dissolved	=	809	ng/L	EPA 245.1	17	50			
2018/19-5	000NONPJ	matrix spike, rec	5/9/2019	Metal	Mercury	Dissolved	=	81	%	EPA 245.1	-88	-88	70	130	
2018/19-5	000NONPJ	matrix spike dup	5/9/2019	Metal	Mercury	Dissolved	=	808	ng/L	EPA 245.1	17	50			
2018/19-5	000NONPJ	matrix spike dup, rec	5/9/2019	Metal	Mercury	Dissolved	=	81	%	EPA 245.1	-88	-88	70	130	
2018/19-5	000NONPJ	matrix spike, RPD	5/9/2019	Metal	Mercury	Dissolved	=	0.2	%	EPA 245.1	-88	-88	0	20	
2018/19-5	000NONPJ	matrix spike	5/18/2019	Metal	Mercury	Dissolved	=	937	ng/L	EPA 245.1	17	50			
2018/19-5	000NONPJ	matrix spike, rec	5/18/2019	Metal	Mercury	Dissolved	=	94	%	EPA 245.1	-88	-88	70	130	
2018/19-5	000NONPJ	matrix spike dup	5/18/2019	Metal	Mercury	Dissolved	=	905	ng/L	EPA 245.1	17	50			
2018/19-5	000NONPJ	matrix spike dup, rec	5/18/2019	Metal	Mercury	Dissolved	=	91	%	EPA 245.1	-88	-88	70	130	
2018/19-5	000NONPJ	matrix spike, RPD	5/18/2019	Metal	Mercury	Dissolved	=	3	%	EPA 245.1	-88	-88	0	20	
2018/19-5	000NONPJ	matrix spike	5/18/2019	Metal	Mercury	Dissolved	=	935	ng/L	EPA 245.1	17	50			
2018/19-5	000NONPJ	matrix spike, rec	5/18/2019	Metal	Mercury	Dissolved	=	94	%	EPA 245.1	-88	-88	70	130	
2018/19-5	000NONPJ	matrix spike dup	5/18/2019	Metal	Mercury	Dissolved	=	942	ng/L	EPA 245.1	17	50			
2018/19-5	000NONPJ	matrix spike dup, rec	5/18/2019	Metal	Mercury	Dissolved	=	94	%	EPA 245.1	-88	-88	70	130	
2018/19-5	000NONPJ	matrix spike, RPD	5/18/2019	Metal	Mercury	Dissolved	=	0.8	%	EPA 245.1	-88	-88	0	20	
2018/19-5	Lab	method blank	5/9/2019	Metal	Mercury	Dissolved	<	17	ng/L	EPA 245.1	17	50			
2018/19-5	Lab	LCS	5/9/2019	Metal	Mercury	Dissolved	=	989	ng/L	EPA 245.1	17	50			
2018/19-5	Lab	LCS, rec	5/9/2019	Metal	Mercury	Dissolved	=	99	%	EPA 245.1	-88	-88	85	115	
2018/19-5	Lab	method blank	5/18/2019	Metal	Mercury	Dissolved	<	17	ng/L	EPA 245.1	17	50			
2018/19-5	Lab	LCS	5/18/2019	Metal	Mercury	Dissolved	=	949	ng/L	EPA 245.1	17	50			
2018/19-5	Lab	LCS, rec	5/18/2019	Metal	Mercury	Dissolved	=	95	%	EPA 245.1	-88	-88	85	115	
2018/19-5	Lab	method blank	5/18/2019	Metal	Mercury	Dissolved	<	17	ng/L	EPA 245.1	17	50			
2018/19-5	Lab	LCS	5/18/2019	Metal	Mercury	Dissolved	=	951	ng/L	EPA 245.1	17	50			
2018/19-5	Lab	LCS, rec	5/18/2019	Metal	Mercury	Dissolved	=	95	%	EPA 245.1	-88	-88	85	115	
2018/19-5	000NONPJ	matrix spike	5/9/2019	Metal	Mercury	Total	=	978	ng/L	EPA 245.1	17	50			
2018/19-5	000NONPJ	matrix spike, rec	5/9/2019	Metal	Mercury	Total	=	98	%	EPA 245.1	-88	-88	70	130	
2018/19-5	000NONPJ	matrix spike dup	5/9/2019	Metal	Mercury	Total	=	980	ng/L	EPA 245.1	17	50			
2018/19-5	000NONPJ	matrix spike dup, rec	5/9/2019	Metal	Mercury	Total	=	98	%	EPA 245.1	-88	-88	70	130	
2018/19-5	000NONPJ	matrix spike, RPD	5/9/2019	Metal	Mercury	Total	=	0.2	%	EPA 245.1	-88	-88	0	20	
2018/19-5	000NONPJ	matrix spike	5/9/2019	Metal	Mercury	Total	=	809	ng/L	EPA 245.1	17	50			
2018/19-5	000NONPJ	matrix spike, rec	5/9/2019	Metal	Mercury	Total	=	81	%	EPA 245.1	-88	-88	70	130	
2018/19-5	000NONPJ	matrix spike dup	5/9/2019	Metal	Mercury	Total	=	808	ng/L	EPA 245.1	17	50			
2018/19-5	000NONPJ	matrix spike dup, rec	5/9/2019	Metal	Mercury	Total	=	81	%	EPA 245.1	-88	-88	70	130	
2018/19-5	000NONPJ	matrix spike, RPD	5/9/2019	Metal	Mercury	Total	=	0.2	%	EPA 245.1	-88	-88	0	20	
2018/19-5	000NONPJ	matrix spike	5/18/2019	Metal	Mercury	Total	=	937	ng/L	EPA 245.1	17	50			
2018/19-5	000NONPJ	matrix spike, rec	5/18/2019	Metal	Mercury	Total	=	94	%	EPA 245.1	-88	-88	70	130	
2018/19-5	000NONPJ	matrix spike dup	5/18/2019	Metal	Mercury	Total	=	905	ng/L	EPA 245.1	17	50			
2018/19-5	000NONPJ	matrix spike dup, rec	5/18/2019	Metal	Mercury	Total	=	91	%	EPA 245.1	-88	-88	70	130	
2018/19-5	000NONPJ	matrix spike, RPD	5/18/2019	Metal	Mercury	Total	=	3	%	EPA 245.1	-88	-88	0	20	
2018/19-5	000NONPJ	matrix spike	5/18/2019	Metal	Mercury	Total	=	935	ng/L	EPA 245.1	17	50			
2018/19-5	000NONPJ	matrix spike, rec	5/18/2019	Metal	Mercury	Total	=	94	%	EPA 245.1	-88	-88	70	130	
2018/19-5	000NONPJ	matrix spike dup	5/18/2019	Metal	Mercury	Total	=	942	ng/L	EPA 245.1	17	50			
2018/19-5	000NONPJ	matrix spike dup, rec	5/18/2019	Metal	Mercury	Total	=	94	%	EPA 245.1	-88	-88	70	130	
2018/19-5	000NONPJ	matrix spike, RPD	5/18/2019	Metal	Mercury	Total	=	0.8	%	EPA 245.1	-88	-88	0	20	
2018/19-5	000NONPJ	matrix spike	5/18/2019	Metal	Mercury	Total	=	914	ng/L	EPA 245.1	17	50			
2018/19-5	000NONPJ	matrix spike, rec	5/18/2019	Metal	Mercury	Total	=	91	%	EPA 245.1	-88	-88	70	130	
2018/19-5	000NONPJ	matrix spike dup	5/18/2019	Metal	Mercury	Total	=	913	ng/L	EPA 245.1	17	50			

Appendix F
Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2018/19-5	000NONPJ	matrix spike dup, rec	5/18/2019	Metal	Mercury	Total	=	91	%	EPA 245.1	-88	-88	70	130	
2018/19-5	000NONPJ	matrix spike, RPD	5/18/2019	Metal	Mercury	Total	=	0.1	%	EPA 245.1	-88	-88	0	20	
2018/19-5	000NONPJ	matrix spike	5/18/2019	Metal	Mercury	Total	=	953	ng/L	EPA 245.1	17	50			
2018/19-5	000NONPJ	matrix spike, rec	5/18/2019	Metal	Mercury	Total	=	95	%	EPA 245.1	-88	-88	70	130	
2018/19-5	000NONPJ	matrix spike dup	5/18/2019	Metal	Mercury	Total	=	929	ng/L	EPA 245.1	17	50			
2018/19-5	000NONPJ	matrix spike dup, rec	5/18/2019	Metal	Mercury	Total	=	93	%	EPA 245.1	-88	-88	70	130	
2018/19-5	000NONPJ	matrix spike, RPD	5/18/2019	Metal	Mercury	Total	=	3	%	EPA 245.1	-88	-88	0	20	
2018/19-5	Lab	method blank	5/9/2019	Metal	Mercury	Total	<	17	ng/L	EPA 245.1	17	50			
2018/19-5	Lab	LCS	5/9/2019	Metal	Mercury	Total	=	989	ng/L	EPA 245.1	17	50			
2018/19-5	Lab	LCS, rec	5/9/2019	Metal	Mercury	Total	=	99	%	EPA 245.1	-88	-88	85	115	
2018/19-5	Lab	method blank	5/18/2019	Metal	Mercury	Total	<	17	ng/L	EPA 245.1	17	50			
2018/19-5	Lab	LCS	5/18/2019	Metal	Mercury	Total	=	949	ng/L	EPA 245.1	17	50			
2018/19-5	Lab	LCS, rec	5/18/2019	Metal	Mercury	Total	=	95	%	EPA 245.1	-88	-88	85	115	
2018/19-5	Lab	method blank	5/18/2019	Metal	Mercury	Total	<	17	ng/L	EPA 245.1	17	50			
2018/19-5	Lab	LCS	5/18/2019	Metal	Mercury	Total	=	951	ng/L	EPA 245.1	17	50			
2018/19-5	Lab	LCS, rec	5/18/2019	Metal	Mercury	Total	=	95	%	EPA 245.1	-88	-88	85	115	
2018/19-5	Lab	method blank	5/8/2019	Metal	Nickel	Dissolved	DNQ	0.208	µg/L	EPA 200.8	0.045	0.8			IP
2018/19-5	Lab	LCS	5/8/2019	Metal	Nickel	Dissolved	=	50.2	µg/L	EPA 200.8	0.045	0.8			
2018/19-5	Lab	LCS, rec	5/8/2019	Metal	Nickel	Dissolved	=	100	%	EPA 200.8	-88	-88	85	115	
2018/19-5	Lab	method blank	5/17/2019	Metal	Nickel	Dissolved	<	0.045	µg/L	EPA 200.8	0.045	0.8			
2018/19-5	Lab	LCS	5/17/2019	Metal	Nickel	Dissolved	=	50.8	µg/L	EPA 200.8	0.045	0.8			
2018/19-5	Lab	LCS, rec	5/17/2019	Metal	Nickel	Dissolved	=	102	%	EPA 200.8	-88	-88	85	115	
2018/19-5	Lab	LCS	5/23/2019	Metal	Nickel	Dissolved	=	50.3	µg/L	EPA 200.8	0.045	0.8			
2018/19-5	Lab	LCS, rec	5/23/2019	Metal	Nickel	Dissolved	=	101	%	EPA 200.8	-88	-88	85	115	
2018/19-5	Lab	method blank	5/23/2019	Metal	Nickel	Dissolved	<	0.045	µg/L	EPA 200.8	0.045	0.8			
2018/19-5	MO-MPK	matrix spike dup	5/23/2019	Metal	Nickel	Dissolved	=	52.3	µg/L	EPA 200.8	0.045	0.8			
2018/19-5	MO-MPK	matrix spike dup, rec	5/23/2019	Metal	Nickel	Dissolved	=	96	%	EPA 200.8	-88	-88	70	130	
2018/19-5	MO-MPK	matrix spike, RPD	5/23/2019	Metal	Nickel	Dissolved	=	0.4	%	EPA 200.8	-88	-88	0	30	
2018/19-5	MO-MPK	matrix spike	5/23/2019	Metal	Nickel	Dissolved	=	52	µg/L	EPA 200.8	0.045	0.8			
2018/19-5	MO-MPK	matrix spike, rec	5/23/2019	Metal	Nickel	Dissolved	=	96	%	EPA 200.8	-88	-88	70	130	
2018/19-5	Lab	method blank	5/8/2019	Metal	Nickel	Total	DNQ	0.262	µg/L	EPA 200.8	0.045	0.8			IP
2018/19-5	Lab	LCS	5/8/2019	Metal	Nickel	Total	=	50.2	µg/L	EPA 200.8	0.045	0.8			
2018/19-5	Lab	LCS, rec	5/8/2019	Metal	Nickel	Total	=	100	%	EPA 200.8	-88	-88	85	115	
2018/19-5	Lab	method blank	5/17/2019	Metal	Nickel	Total	<	0.045	µg/L	EPA 200.8	0.045	0.8			
2018/19-5	Lab	LCS	5/17/2019	Metal	Nickel	Total	=	50.8	µg/L	EPA 200.8	0.045	0.8			
2018/19-5	Lab	LCS, rec	5/17/2019	Metal	Nickel	Total	=	102	%	EPA 200.8	-88	-88	85	115	
2018/19-5	Lab	method blank	5/23/2019	Metal	Nickel	Total	<	0.045	µg/L	EPA 200.8	0.045	0.8			
2018/19-5	Lab	LCS	5/23/2019	Metal	Nickel	Total	=	50.3	µg/L	EPA 200.8	0.045	0.8			
2018/19-5	Lab	LCS, rec	5/23/2019	Metal	Nickel	Total	=	101	%	EPA 200.8	-88	-88	85	115	
2018/19-5	MO-FIL	matrix spike	5/8/2019	Metal	Nickel	Total	=	44.9	µg/L	EPA 200.8	0.045	0.8			
2018/19-5	MO-FIL	matrix spike, rec	5/8/2019	Metal	Nickel	Total	=	89	%	EPA 200.8	-88	-88	70	130	
2018/19-5	MO-FIL	matrix spike dup	5/8/2019	Metal	Nickel	Total	=	47.1	µg/L	EPA 200.8	0.045	0.8			
2018/19-5	MO-FIL	matrix spike dup, rec	5/8/2019	Metal	Nickel	Total	=	93	%	EPA 200.8	-88	-88	70	130	
2018/19-5	MO-FIL	matrix spike, RPD	5/8/2019	Metal	Nickel	Total	=	5	%	EPA 200.8	-88	-88	0	30	
2018/19-5	MO-MPK	matrix spike dup	5/23/2019	Metal	Nickel	Total	=	52.3	µg/L	EPA 200.8	0.045	0.8			
2018/19-5	MO-MPK	matrix spike dup, rec	5/23/2019	Metal	Nickel	Total	=	96	%	EPA 200.8	-88	-88	70	130	
2018/19-5	MO-MPK	matrix spike, RPD	5/23/2019	Metal	Nickel	Total	=	0.4	%	EPA 200.8	-88	-88	0	30	

Appendix F
Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2018/19-5	MO-MPK	matrix spike	5/23/2019	Metal	Nickel	Total	=	52	µg/L	EPA 200.8	0.045	0.8			
2018/19-5	MO-MPK	matrix spike, rec	5/23/2019	Metal	Nickel	Total	=	95	%	EPA 200.8	-88	-88	70	130	
2018/19-5	MO-OJA	matrix spike	5/17/2019	Metal	Nickel	Total	=	47.4	µg/L	EPA 200.8	0.045	0.8			
2018/19-5	MO-OJA	matrix spike, rec	5/17/2019	Metal	Nickel	Total	=	93	%	EPA 200.8	-88	-88	70	130	
2018/19-5	MO-OJA	matrix spike dup	5/17/2019	Metal	Nickel	Total	=	47.4	µg/L	EPA 200.8	0.045	0.8			
2018/19-5	MO-OJA	matrix spike dup, rec	5/17/2019	Metal	Nickel	Total	=	93	%	EPA 200.8	-88	-88	70	130	
2018/19-5	MO-OJA	matrix spike, RPD	5/17/2019	Metal	Nickel	Total	=	0.06	%	EPA 200.8	-88	-88	0	30	
2018/19-5	Lab	method blank	5/8/2019	Metal	Selenium	Dissolved	<	0.14	µg/L	EPA 200.8	0.14	0.4			
2018/19-5	Lab	LCS	5/8/2019	Metal	Selenium	Dissolved	=	52.7	µg/L	EPA 200.8	0.14	0.4			
2018/19-5	Lab	LCS, rec	5/8/2019	Metal	Selenium	Dissolved	=	105	%	EPA 200.8	-88	-88	85	115	
2018/19-5	Lab	method blank	5/17/2019	Metal	Selenium	Dissolved	<	0.14	µg/L	EPA 200.8	0.14	0.4			
2018/19-5	Lab	LCS	5/17/2019	Metal	Selenium	Dissolved	=	50.6	µg/L	EPA 200.8	0.14	0.4			
2018/19-5	Lab	LCS, rec	5/17/2019	Metal	Selenium	Dissolved	=	101	%	EPA 200.8	-88	-88	85	115	
2018/19-5	Lab	LCS	5/23/2019	Metal	Selenium	Dissolved	=	53.8	µg/L	EPA 200.8	0.14	0.4			
2018/19-5	Lab	LCS, rec	5/23/2019	Metal	Selenium	Dissolved	=	108	%	EPA 200.8	-88	-88	85	115	
2018/19-5	Lab	method blank	5/23/2019	Metal	Selenium	Dissolved	<	0.14	µg/L	EPA 200.8	0.14	0.4			
2018/19-5	MO-MPK	matrix spike	5/23/2019	Metal	Selenium	Dissolved	=	46.6	µg/L	EPA 200.8	0.14	0.4			
2018/19-5	MO-MPK	matrix spike, rec	5/23/2019	Metal	Selenium	Dissolved	=	93	%	EPA 200.8	-88	-88	70	130	
2018/19-5	MO-MPK	matrix spike dup	5/23/2019	Metal	Selenium	Dissolved	=	50.7	µg/L	EPA 200.8	0.14	0.4			
2018/19-5	MO-MPK	matrix spike dup, rec	5/23/2019	Metal	Selenium	Dissolved	=	101	%	EPA 200.8	-88	-88	70	130	
2018/19-5	MO-MPK	matrix spike, RPD	5/23/2019	Metal	Selenium	Dissolved	=	8	%	EPA 200.8	-88	-88	0	30	
2018/19-5	Lab	method blank	5/8/2019	Metal	Selenium	Total	<	0.14	µg/L	EPA 200.8	0.14	0.4			
2018/19-5	Lab	LCS	5/8/2019	Metal	Selenium	Total	=	52.7	µg/L	EPA 200.8	0.14	0.4			
2018/19-5	Lab	LCS, rec	5/8/2019	Metal	Selenium	Total	=	105	%	EPA 200.8	-88	-88	85	115	
2018/19-5	Lab	method blank	5/17/2019	Metal	Selenium	Total	<	0.14	µg/L	EPA 200.8	0.14	0.4			
2018/19-5	Lab	LCS	5/17/2019	Metal	Selenium	Total	=	50.6	µg/L	EPA 200.8	0.14	0.4			
2018/19-5	Lab	LCS, rec	5/17/2019	Metal	Selenium	Total	=	101	%	EPA 200.8	-88	-88	85	115	
2018/19-5	Lab	method blank	5/23/2019	Metal	Selenium	Total	<	0.14	µg/L	EPA 200.8	0.14	0.4			
2018/19-5	Lab	LCS	5/23/2019	Metal	Selenium	Total	=	53.8	µg/L	EPA 200.8	0.14	0.4			
2018/19-5	Lab	LCS, rec	5/23/2019	Metal	Selenium	Total	=	108	%	EPA 200.8	-88	-88	85	115	
2018/19-5	MO-FIL	matrix spike	5/8/2019	Metal	Selenium	Total	=	50.4	µg/L	EPA 200.8	0.14	0.4			
2018/19-5	MO-FIL	matrix spike, rec	5/8/2019	Metal	Selenium	Total	=	91	%	EPA 200.8	-88	-88	70	130	
2018/19-5	MO-FIL	matrix spike dup	5/8/2019	Metal	Selenium	Total	=	55.2	µg/L	EPA 200.8	0.14	0.4			
2018/19-5	MO-FIL	matrix spike dup, rec	5/8/2019	Metal	Selenium	Total	=	101	%	EPA 200.8	-88	-88	70	130	
2018/19-5	MO-FIL	matrix spike, RPD	5/8/2019	Metal	Selenium	Total	=	9	%	EPA 200.8	-88	-88	0	30	
2018/19-5	MO-MPK	matrix spike	5/23/2019	Metal	Selenium	Total	=	46.6	µg/L	EPA 200.8	0.14	0.4			
2018/19-5	MO-MPK	matrix spike, rec	5/23/2019	Metal	Selenium	Total	=	93	%	EPA 200.8	-88	-88	70	130	
2018/19-5	MO-MPK	matrix spike dup	5/23/2019	Metal	Selenium	Total	=	50.7	µg/L	EPA 200.8	0.14	0.4			
2018/19-5	MO-MPK	matrix spike dup, rec	5/23/2019	Metal	Selenium	Total	=	101	%	EPA 200.8	-88	-88	70	130	
2018/19-5	MO-MPK	matrix spike, RPD	5/23/2019	Metal	Selenium	Total	=	8	%	EPA 200.8	-88	-88	0	30	
2018/19-5	MO-OJA	matrix spike	5/17/2019	Metal	Selenium	Total	=	54.6	µg/L	EPA 200.8	0.14	0.4			
2018/19-5	MO-OJA	matrix spike, rec	5/17/2019	Metal	Selenium	Total	=	105	%	EPA 200.8	-88	-88	70	130	
2018/19-5	MO-OJA	matrix spike dup	5/17/2019	Metal	Selenium	Total	=	54.8	µg/L	EPA 200.8	0.14	0.4			
2018/19-5	MO-OJA	matrix spike dup, rec	5/17/2019	Metal	Selenium	Total	=	106	%	EPA 200.8	-88	-88	70	130	
2018/19-5	MO-OJA	matrix spike, RPD	5/17/2019	Metal	Selenium	Total	=	0.5	%	EPA 200.8	-88	-88	0	30	
2018/19-5	Lab	method blank	5/8/2019	Metal	Silver	Dissolved	<	0.062	µg/L	EPA 200.8	0.062	0.2			
2018/19-5	Lab	LCS	5/8/2019	Metal	Silver	Dissolved	=	47.8	µg/L	EPA 200.8	0.062	0.2			

Appendix F
Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2018/19-5	Lab	LCS, rec	5/8/2019	Metal	Silver	Dissolved	=	96	%	EPA 200.8	-88	-88	85	115	
2018/19-5	Lab	method blank	5/17/2019	Metal	Silver	Dissolved	<	0.062	µg/L	EPA 200.8	0.062	0.2			
2018/19-5	Lab	LCS	5/17/2019	Metal	Silver	Dissolved	=	51	µg/L	EPA 200.8	0.062	0.2			
2018/19-5	Lab	LCS, rec	5/17/2019	Metal	Silver	Dissolved	=	102	%	EPA 200.8	-88	-88	85	115	
2018/19-5	Lab	LCS	5/23/2019	Metal	Silver	Dissolved	=	50.7	µg/L	EPA 200.8	0.062	0.2			
2018/19-5	Lab	LCS, rec	5/23/2019	Metal	Silver	Dissolved	=	101	%	EPA 200.8	-88	-88	85	115	
2018/19-5	Lab	method blank	5/23/2019	Metal	Silver	Dissolved	<	0.062	µg/L	EPA 200.8	0.062	0.2			
2018/19-5	MO-MPK	matrix spike dup	5/23/2019	Metal	Silver	Dissolved	=	46.7	µg/L	EPA 200.8	0.062	0.2			
2018/19-5	MO-MPK	matrix spike dup, rec	5/23/2019	Metal	Silver	Dissolved	=	93	%	EPA 200.8	-88	-88	70	130	
2018/19-5	MO-MPK	matrix spike, RPD	5/23/2019	Metal	Silver	Dissolved	=	0.8	%	EPA 200.8	-88	-88	0	30	
2018/19-5	MO-MPK	matrix spike	5/23/2019	Metal	Silver	Dissolved	=	47.1	µg/L	EPA 200.8	0.062	0.2			
2018/19-5	MO-MPK	matrix spike, rec	5/23/2019	Metal	Silver	Dissolved	=	94	%	EPA 200.8	-88	-88	70	130	
2018/19-5	Lab	method blank	5/8/2019	Metal	Silver	Total	<	0.062	µg/L	EPA 200.8	0.062	0.2			
2018/19-5	Lab	LCS	5/8/2019	Metal	Silver	Total	=	47.8	µg/L	EPA 200.8	0.062	0.2			
2018/19-5	Lab	LCS, rec	5/8/2019	Metal	Silver	Total	=	96	%	EPA 200.8	-88	-88	85	115	
2018/19-5	Lab	method blank	5/17/2019	Metal	Silver	Total	<	0.062	µg/L	EPA 200.8	0.062	0.2			
2018/19-5	Lab	LCS	5/17/2019	Metal	Silver	Total	=	51	µg/L	EPA 200.8	0.062	0.2			
2018/19-5	Lab	LCS, rec	5/17/2019	Metal	Silver	Total	=	102	%	EPA 200.8	-88	-88	85	115	
2018/19-5	Lab	method blank	5/23/2019	Metal	Silver	Total	<	0.062	µg/L	EPA 200.8	0.062	0.2			
2018/19-5	Lab	LCS	5/23/2019	Metal	Silver	Total	=	50.7	µg/L	EPA 200.8	0.062	0.2			
2018/19-5	Lab	LCS, rec	5/23/2019	Metal	Silver	Total	=	101	%	EPA 200.8	-88	-88	85	115	
2018/19-5	MO-FIL	matrix spike	5/8/2019	Metal	Silver	Total	=	42.9	µg/L	EPA 200.8	0.062	0.2			
2018/19-5	MO-FIL	matrix spike, rec	5/8/2019	Metal	Silver	Total	=	86	%	EPA 200.8	-88	-88	70	130	
2018/19-5	MO-FIL	matrix spike dup	5/8/2019	Metal	Silver	Total	=	43.8	µg/L	EPA 200.8	0.062	0.2			
2018/19-5	MO-FIL	matrix spike dup, rec	5/8/2019	Metal	Silver	Total	=	88	%	EPA 200.8	-88	-88	70	130	
2018/19-5	MO-FIL	matrix spike, RPD	5/8/2019	Metal	Silver	Total	=	2	%	EPA 200.8	-88	-88	0	30	
2018/19-5	MO-MPK	matrix spike dup	5/23/2019	Metal	Silver	Total	=	46.7	µg/L	EPA 200.8	0.062	0.2			
2018/19-5	MO-MPK	matrix spike dup, rec	5/23/2019	Metal	Silver	Total	=	93	%	EPA 200.8	-88	-88	70	130	
2018/19-5	MO-MPK	matrix spike, RPD	5/23/2019	Metal	Silver	Total	=	0.8	%	EPA 200.8	-88	-88	0	30	
2018/19-5	MO-MPK	matrix spike	5/23/2019	Metal	Silver	Total	=	47.1	µg/L	EPA 200.8	0.062	0.2			
2018/19-5	MO-MPK	matrix spike, rec	5/23/2019	Metal	Silver	Total	=	94	%	EPA 200.8	-88	-88	70	130	
2018/19-5	MO-OJA	matrix spike	5/17/2019	Metal	Silver	Total	=	46.7	µg/L	EPA 200.8	0.062	0.2			
2018/19-5	MO-OJA	matrix spike, rec	5/17/2019	Metal	Silver	Total	=	94	%	EPA 200.8	-88	-88	70	130	
2018/19-5	MO-OJA	matrix spike dup	5/17/2019	Metal	Silver	Total	=	46.7	µg/L	EPA 200.8	0.062	0.2			
2018/19-5	MO-OJA	matrix spike dup, rec	5/17/2019	Metal	Silver	Total	=	94	%	EPA 200.8	-88	-88	70	130	
2018/19-5	MO-OJA	matrix spike, RPD	5/17/2019	Metal	Silver	Total	=	0	%	EPA 200.8	-88	-88	0	30	
2018/19-5	Lab	method blank	5/8/2019	Metal	Thallium	Dissolved	<	0.014	µg/L	EPA 200.8	0.014	0.2			
2018/19-5	Lab	LCS	5/8/2019	Metal	Thallium	Dissolved	=	50.2	µg/L	EPA 200.8	0.014	0.2			
2018/19-5	Lab	LCS, rec	5/8/2019	Metal	Thallium	Dissolved	=	100	%	EPA 200.8	-88	-88	85	115	
2018/19-5	Lab	method blank	5/17/2019	Metal	Thallium	Dissolved	<	0.014	µg/L	EPA 200.8	0.014	0.2			
2018/19-5	Lab	LCS	5/17/2019	Metal	Thallium	Dissolved	=	51.8	µg/L	EPA 200.8	0.014	0.2			
2018/19-5	Lab	LCS, rec	5/17/2019	Metal	Thallium	Dissolved	=	104	%	EPA 200.8	-88	-88	85	115	
2018/19-5	Lab	LCS	5/23/2019	Metal	Thallium	Dissolved	=	50.5	µg/L	EPA 200.8	0.014	0.2			
2018/19-5	Lab	LCS, rec	5/23/2019	Metal	Thallium	Dissolved	=	101	%	EPA 200.8	-88	-88	85	115	
2018/19-5	Lab	method blank	5/23/2019	Metal	Thallium	Dissolved	<	0.014	µg/L	EPA 200.8	0.014	0.2			
2018/19-5	MO-MPK	matrix spike dup	5/23/2019	Metal	Thallium	Dissolved	=	50.1	µg/L	EPA 200.8	0.014	0.2			
2018/19-5	MO-MPK	matrix spike dup, rec	5/23/2019	Metal	Thallium	Dissolved	=	100	%	EPA 200.8	-88	-88	70	130	

Appendix F
Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2018/19-5	MO-MPK	matrix spike, RPD	5/23/2019	Metal	Thallium	Dissolved	=	0.7	%	EPA 200.8	-88	-88	0	30	
2018/19-5	MO-MPK	matrix spike	5/23/2019	Metal	Thallium	Dissolved	=	49.7	µg/L	EPA 200.8	0.014	0.2			
2018/19-5	MO-MPK	matrix spike, rec	5/23/2019	Metal	Thallium	Dissolved	=	99	%	EPA 200.8	-88	-88	70	130	
2018/19-5	Lab	method blank	5/8/2019	Metal	Thallium	Total	<	0.014	µg/L	EPA 200.8	0.014	0.2			
2018/19-5	Lab	LCS	5/8/2019	Metal	Thallium	Total	=	50.2	µg/L	EPA 200.8	0.014	0.2			
2018/19-5	Lab	LCS, rec	5/8/2019	Metal	Thallium	Total	=	100	%	EPA 200.8	-88	-88	85	115	
2018/19-5	Lab	method blank	5/17/2019	Metal	Thallium	Total	<	0.014	µg/L	EPA 200.8	0.014	0.2			
2018/19-5	Lab	LCS	5/17/2019	Metal	Thallium	Total	=	51.8	µg/L	EPA 200.8	0.014	0.2			
2018/19-5	Lab	LCS, rec	5/17/2019	Metal	Thallium	Total	=	104	%	EPA 200.8	-88	-88	85	115	
2018/19-5	Lab	method blank	5/23/2019	Metal	Thallium	Total	<	0.014	µg/L	EPA 200.8	0.014	0.2			
2018/19-5	Lab	LCS	5/23/2019	Metal	Thallium	Total	=	50.5	µg/L	EPA 200.8	0.014	0.2			
2018/19-5	Lab	LCS, rec	5/23/2019	Metal	Thallium	Total	=	101	%	EPA 200.8	-88	-88	85	115	
2018/19-5	MO-FIL	matrix spike	5/8/2019	Metal	Thallium	Total	=	49.4	µg/L	EPA 200.8	0.014	0.2			
2018/19-5	MO-FIL	matrix spike, rec	5/8/2019	Metal	Thallium	Total	=	99	%	EPA 200.8	-88	-88	70	130	
2018/19-5	MO-FIL	matrix spike dup	5/8/2019	Metal	Thallium	Total	=	49.8	µg/L	EPA 200.8	0.014	0.2			
2018/19-5	MO-FIL	matrix spike dup, rec	5/8/2019	Metal	Thallium	Total	=	100	%	EPA 200.8	-88	-88	70	130	
2018/19-5	MO-FIL	matrix spike, RPD	5/8/2019	Metal	Thallium	Total	=	0.9	%	EPA 200.8	-88	-88	0	30	
2018/19-5	MO-MPK	matrix spike dup	5/23/2019	Metal	Thallium	Total	=	50.1	µg/L	EPA 200.8	0.014	0.2			
2018/19-5	MO-MPK	matrix spike dup, rec	5/23/2019	Metal	Thallium	Total	=	100	%	EPA 200.8	-88	-88	70	130	
2018/19-5	MO-MPK	matrix spike, RPD	5/23/2019	Metal	Thallium	Total	=	0.7	%	EPA 200.8	-88	-88	0	30	
2018/19-5	MO-MPK	matrix spike	5/23/2019	Metal	Thallium	Total	=	49.7	µg/L	EPA 200.8	0.014	0.2			
2018/19-5	MO-MPK	matrix spike, rec	5/23/2019	Metal	Thallium	Total	=	99	%	EPA 200.8	-88	-88	70	130	
2018/19-5	MO-OJA	matrix spike	5/17/2019	Metal	Thallium	Total	=	49.6	µg/L	EPA 200.8	0.014	0.2			
2018/19-5	MO-OJA	matrix spike, rec	5/17/2019	Metal	Thallium	Total	=	99	%	EPA 200.8	-88	-88	70	130	
2018/19-5	MO-OJA	matrix spike dup	5/17/2019	Metal	Thallium	Total	=	50.2	µg/L	EPA 200.8	0.014	0.2			
2018/19-5	MO-OJA	matrix spike dup, rec	5/17/2019	Metal	Thallium	Total	=	100	%	EPA 200.8	-88	-88	70	130	
2018/19-5	MO-OJA	matrix spike, RPD	5/17/2019	Metal	Thallium	Total	=	1	%	EPA 200.8	-88	-88	0	30	
2018/19-5	Lab	method blank	5/8/2019	Metal	Zinc	Dissolved	<	0.94	µg/L	EPA 200.8	0.94	5			
2018/19-5	Lab	LCS	5/8/2019	Metal	Zinc	Dissolved	=	51.1	µg/L	EPA 200.8	0.94	5			
2018/19-5	Lab	LCS, rec	5/8/2019	Metal	Zinc	Dissolved	=	102	%	EPA 200.8	-88	-88	85	115	
2018/19-5	Lab	method blank	5/17/2019	Metal	Zinc	Dissolved	<	0.94	µg/L	EPA 200.8	0.94	5			
2018/19-5	Lab	LCS	5/17/2019	Metal	Zinc	Dissolved	=	52.7	µg/L	EPA 200.8	0.94	5			
2018/19-5	Lab	LCS, rec	5/17/2019	Metal	Zinc	Dissolved	=	105	%	EPA 200.8	-88	-88	85	115	
2018/19-5	Lab	LCS	5/23/2019	Metal	Zinc	Dissolved	=	51.8	µg/L	EPA 200.8	0.94	5			
2018/19-5	Lab	LCS, rec	5/23/2019	Metal	Zinc	Dissolved	=	104	%	EPA 200.8	-88	-88	85	115	
2018/19-5	Lab	method blank	5/23/2019	Metal	Zinc	Dissolved	<	0.94	µg/L	EPA 200.8	0.94	5			
2018/19-5	MO-MPK	matrix spike dup	5/23/2019	Metal	Zinc	Dissolved	=	52.8	µg/L	EPA 200.8	0.94	5			
2018/19-5	MO-MPK	matrix spike dup, rec	5/23/2019	Metal	Zinc	Dissolved	=	98	%	EPA 200.8	-88	-88	70	130	
2018/19-5	MO-MPK	matrix spike, RPD	5/23/2019	Metal	Zinc	Dissolved	=	1	%	EPA 200.8	-88	-88	0	30	
2018/19-5	MO-MPK	matrix spike	5/23/2019	Metal	Zinc	Dissolved	=	53.3	µg/L	EPA 200.8	0.94	5			
2018/19-5	MO-MPK	matrix spike, rec	5/23/2019	Metal	Zinc	Dissolved	=	99	%	EPA 200.8	-88	-88	70	130	
2018/19-5	Lab	method blank	5/8/2019	Metal	Zinc	Total	<	0.94	µg/L	EPA 200.8	0.94	5			
2018/19-5	Lab	LCS	5/8/2019	Metal	Zinc	Total	=	51.1	µg/L	EPA 200.8	0.94	5			
2018/19-5	Lab	LCS, rec	5/8/2019	Metal	Zinc	Total	=	102	%	EPA 200.8	-88	-88	85	115	
2018/19-5	Lab	method blank	5/17/2019	Metal	Zinc	Total	<	0.94	µg/L	EPA 200.8	0.94	5			
2018/19-5	Lab	LCS	5/17/2019	Metal	Zinc	Total	=	52.7	µg/L	EPA 200.8	0.94	5			
2018/19-5	Lab	LCS, rec	5/17/2019	Metal	Zinc	Total	=	105	%	EPA 200.8	-88	-88	85	115	

Appendix F
Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2018/19-5	Lab	method blank	5/23/2019	Metal	Zinc	Total	<	0.94	µg/L	EPA 200.8	0.94	5			
2018/19-5	Lab	LCS	5/23/2019	Metal	Zinc	Total	=	51.8	µg/L	EPA 200.8	0.94	5			
2018/19-5	Lab	LCS, rec	5/23/2019	Metal	Zinc	Total	=	104	%	EPA 200.8	-88	-88	85	115	
2018/19-5	MO-FIL	matrix spike	5/8/2019	Metal	Zinc	Total	=	49.6	µg/L	EPA 200.8	0.94	5			
2018/19-5	MO-FIL	matrix spike, rec	5/8/2019	Metal	Zinc	Total	=	88	%	EPA 200.8	-88	-88	70	130	
2018/19-5	MO-FIL	matrix spike dup	5/8/2019	Metal	Zinc	Total	=	50.9	µg/L	EPA 200.8	0.94	5			
2018/19-5	MO-FIL	matrix spike dup, rec	5/8/2019	Metal	Zinc	Total	=	90	%	EPA 200.8	-88	-88	70	130	
2018/19-5	MO-FIL	matrix spike, RPD	5/8/2019	Metal	Zinc	Total	=	3	%	EPA 200.8	-88	-88	0	30	
2018/19-5	MO-MPK	matrix spike dup	5/23/2019	Metal	Zinc	Total	=	52.8	µg/L	EPA 200.8	0.94	5			
2018/19-5	MO-MPK	matrix spike dup, rec	5/23/2019	Metal	Zinc	Total	=	99	%	EPA 200.8	-88	-88	70	130	
2018/19-5	MO-MPK	matrix spike, RPD	5/23/2019	Metal	Zinc	Total	=	1	%	EPA 200.8	-88	-88	0	30	
2018/19-5	MO-MPK	matrix spike	5/23/2019	Metal	Zinc	Total	=	53.3	µg/L	EPA 200.8	0.94	5			
2018/19-5	MO-MPK	matrix spike, rec	5/23/2019	Metal	Zinc	Total	=	100	%	EPA 200.8	-88	-88	70	130	
2018/19-5	MO-OJA	matrix spike	5/17/2019	Metal	Zinc	Total	=	48.5	µg/L	EPA 200.8	0.94	5			
2018/19-5	MO-OJA	matrix spike, rec	5/17/2019	Metal	Zinc	Total	=	93	%	EPA 200.8	-88	-88	70	130	
2018/19-5	MO-OJA	matrix spike dup	5/17/2019	Metal	Zinc	Total	=	48.6	µg/L	EPA 200.8	0.94	5			
2018/19-5	MO-OJA	matrix spike dup, rec	5/17/2019	Metal	Zinc	Total	=	93	%	EPA 200.8	-88	-88	70	130	
2018/19-5	MO-OJA	matrix spike, RPD	5/17/2019	Metal	Zinc	Total	=	0.2	%	EPA 200.8	-88	-88	0	30	
2018/19-5	000NONPJ	matrix spike	5/4/2019	Nutrient	Ammonia as N	n/a	=	0.275	mg/L	EPA 350.1	0.048	0.1			
2018/19-5	000NONPJ	matrix spike	5/4/2019	Nutrient	Ammonia as N	n/a	=	0.273	mg/L	EPA 350.1	0.048	0.1			
2018/19-5	000NONPJ	matrix spike dup	5/4/2019	Nutrient	Ammonia as N	n/a	=	0.274	mg/L	EPA 350.1	0.048	0.1			
2018/19-5	000NONPJ	matrix spike dup	5/4/2019	Nutrient	Ammonia as N	n/a	=	0.276	mg/L	EPA 350.1	0.048	0.1			
2018/19-5	000NONPJ	matrix spike dup, rec	5/4/2019	Nutrient	Ammonia as N	n/a	=	110	%	EPA 350.1	-88	-88	90	110	
2018/19-5	000NONPJ	matrix spike dup, rec	5/4/2019	Nutrient	Ammonia as N	n/a	=	110	%	EPA 350.1	-88	-88	90	110	
2018/19-5	000NONPJ	matrix spike, rec	5/4/2019	Nutrient	Ammonia as N	n/a	=	110	%	EPA 350.1	-88	-88	90	110	
2018/19-5	000NONPJ	matrix spike, rec	5/4/2019	Nutrient	Ammonia as N	n/a	=	109	%	EPA 350.1	-88	-88	90	110	
2018/19-5	000NONPJ	matrix spike, RPD	5/4/2019	Nutrient	Ammonia as N	n/a	=	0.5	%	EPA 350.1	-88	-88	0	15	
2018/19-5	000NONPJ	matrix spike, RPD	5/4/2019	Nutrient	Ammonia as N	n/a	=	1	%	EPA 350.1	-88	-88	0	15	
2018/19-5	000NONPJ	matrix spike	5/10/2019	Nutrient	Ammonia as N	n/a	=	0.247	mg/L	EPA 350.1	0.048	0.1			
2018/19-5	000NONPJ	matrix spike dup	5/10/2019	Nutrient	Ammonia as N	n/a	=	0.249	mg/L	EPA 350.1	0.048	0.1			
2018/19-5	000NONPJ	matrix spike dup, rec	5/10/2019	Nutrient	Ammonia as N	n/a	=	99	%	EPA 350.1	-88	-88	90	110	
2018/19-5	000NONPJ	matrix spike, rec	5/10/2019	Nutrient	Ammonia as N	n/a	=	99	%	EPA 350.1	-88	-88	90	110	
2018/19-5	000NONPJ	matrix spike, RPD	5/10/2019	Nutrient	Ammonia as N	n/a	=	0.7	%	EPA 350.1	-88	-88	0	15	
2018/19-5	000NONPJ	matrix spike	5/16/2019	Nutrient	Ammonia as N	n/a	=	0.258	mg/L	EPA 350.1	0.048	0.1			
2018/19-5	000NONPJ	matrix spike	5/16/2019	Nutrient	Ammonia as N	n/a	=	0.25	mg/L	EPA 350.1	0.048	0.1			
2018/19-5	000NONPJ	matrix spike dup	5/16/2019	Nutrient	Ammonia as N	n/a	=	0.26	mg/L	EPA 350.1	0.048	0.1			
2018/19-5	000NONPJ	matrix spike dup	5/16/2019	Nutrient	Ammonia as N	n/a	=	0.251	mg/L	EPA 350.1	0.048	0.1			
2018/19-5	000NONPJ	matrix spike dup, rec	5/16/2019	Nutrient	Ammonia as N	n/a	=	104	%	EPA 350.1	-88	-88	90	110	
2018/19-5	000NONPJ	matrix spike dup, rec	5/16/2019	Nutrient	Ammonia as N	n/a	=	100	%	EPA 350.1	-88	-88	90	110	
2018/19-5	000NONPJ	matrix spike, rec	5/16/2019	Nutrient	Ammonia as N	n/a	=	100	%	EPA 350.1	-88	-88	90	110	
2018/19-5	000NONPJ	matrix spike, rec	5/16/2019	Nutrient	Ammonia as N	n/a	=	103	%	EPA 350.1	-88	-88	90	110	
2018/19-5	000NONPJ	matrix spike, RPD	5/16/2019	Nutrient	Ammonia as N	n/a	=	0.5	%	EPA 350.1	-88	-88	0	15	
2018/19-5	000NONPJ	matrix spike, RPD	5/16/2019	Nutrient	Ammonia as N	n/a	=	0.5	%	EPA 350.1	-88	-88	0	15	
2018/19-5	Lab	LCS	5/4/2019	Nutrient	Ammonia as N	n/a	=	0.262	mg/L	EPA 350.1	0.048	0.1			
2018/19-5	Lab	LCS, rec	5/4/2019	Nutrient	Ammonia as N	n/a	=	105	%	EPA 350.1	-88	-88	90	110	
2018/19-5	Lab	method blank	5/4/2019	Nutrient	Ammonia as N	n/a	<	0.048	mg/L	EPA 350.1	0.048	0.1			
2018/19-5	Lab	LCS	5/4/2019	Nutrient	Ammonia as N	n/a	=	0.265	mg/L	EPA 350.1	0.048	0.1			

Appendix F
 Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2018/19-5	Lab	LCS, rec	5/4/2019	Nutrient	Ammonia as N	n/a	=	106	%	EPA 350.1	-88	-88	90	110	
2018/19-5	Lab	method blank	5/4/2019	Nutrient	Ammonia as N	n/a	<	0.048	mg/L	EPA 350.1	0.048	0.1			
2018/19-5	Lab	LCS	5/10/2019	Nutrient	Ammonia as N	n/a	=	0.242	mg/L	EPA 350.1	0.048	0.1			
2018/19-5	Lab	LCS, rec	5/10/2019	Nutrient	Ammonia as N	n/a	=	97	%	EPA 350.1	-88	-88	90	110	
2018/19-5	Lab	method blank	5/10/2019	Nutrient	Ammonia as N	n/a	<	0.048	mg/L	EPA 350.1	0.048	0.1			
2018/19-5	Lab	LCS	5/16/2019	Nutrient	Ammonia as N	n/a	=	0.232	mg/L	EPA 350.1	0.048	0.1			
2018/19-5	Lab	LCS	5/16/2019	Nutrient	Ammonia as N	n/a	=	0.24	mg/L	EPA 350.1	0.048	0.1			
2018/19-5	Lab	LCS, rec	5/16/2019	Nutrient	Ammonia as N	n/a	=	96	%	EPA 350.1	-88	-88	90	110	
2018/19-5	Lab	LCS, rec	5/16/2019	Nutrient	Ammonia as N	n/a	=	93	%	EPA 350.1	-88	-88	90	110	
2018/19-5	Lab	method blank	5/16/2019	Nutrient	Ammonia as N	n/a	<	0.048	mg/L	EPA 350.1	0.048	0.1			
2018/19-5	Lab	method blank	5/16/2019	Nutrient	Ammonia as N	n/a	<	0.048	mg/L	EPA 350.1	0.048	0.1			
2018/19-5	000NONPJ	matrix spike	5/3/2019	Nutrient	Nitrate + Nitrite as N	n/a	=	1.94	mg/L	EPA 353.2	0.083	0.2			
2018/19-5	000NONPJ	matrix spike, rec	5/3/2019	Nutrient	Nitrate + Nitrite as N	n/a	=	97	%	EPA 353.2	-88	-88	90	110	
2018/19-5	000NONPJ	matrix spike dup	5/3/2019	Nutrient	Nitrate + Nitrite as N	n/a	=	1.93	mg/L	EPA 353.2	0.083	0.2			
2018/19-5	000NONPJ	matrix spike dup, rec	5/3/2019	Nutrient	Nitrate + Nitrite as N	n/a	=	96	%	EPA 353.2	-88	-88	90	110	
2018/19-5	000NONPJ	matrix spike, RPD	5/3/2019	Nutrient	Nitrate + Nitrite as N	n/a	=	0.5	%	EPA 353.2	-88	-88	0	20	
2018/19-5	000NONPJ	matrix spike	5/3/2019	Nutrient	Nitrate + Nitrite as N	n/a	=	1.9	mg/L	EPA 353.2	0.083	0.2			
2018/19-5	000NONPJ	matrix spike, rec	5/3/2019	Nutrient	Nitrate + Nitrite as N	n/a	=	95	%	EPA 353.2	-88	-88	90	110	
2018/19-5	000NONPJ	matrix spike dup	5/3/2019	Nutrient	Nitrate + Nitrite as N	n/a	=	1.91	mg/L	EPA 353.2	0.083	0.2			
2018/19-5	000NONPJ	matrix spike dup, rec	5/3/2019	Nutrient	Nitrate + Nitrite as N	n/a	=	96	%	EPA 353.2	-88	-88	90	110	
2018/19-5	000NONPJ	matrix spike, RPD	5/3/2019	Nutrient	Nitrate + Nitrite as N	n/a	=	0.5	%	EPA 353.2	-88	-88	0	20	
2018/19-5	000NONPJ	matrix spike	5/9/2019	Nutrient	Nitrate + Nitrite as N	n/a	=	3.39	mg/L	EPA 353.2	0.083	0.2			
2018/19-5	000NONPJ	matrix spike, rec	5/9/2019	Nutrient	Nitrate + Nitrite as N	n/a	=	99	%	EPA 353.2	-88	-88	90	110	
2018/19-5	000NONPJ	matrix spike dup	5/9/2019	Nutrient	Nitrate + Nitrite as N	n/a	=	3.39	mg/L	EPA 353.2	0.083	0.2			
2018/19-5	000NONPJ	matrix spike dup, rec	5/9/2019	Nutrient	Nitrate + Nitrite as N	n/a	=	99	%	EPA 353.2	-88	-88	90	110	
2018/19-5	000NONPJ	matrix spike, RPD	5/9/2019	Nutrient	Nitrate + Nitrite as N	n/a	=	0	%	EPA 353.2	-88	-88	0	20	
2018/19-5	000NONPJ	matrix spike	5/9/2019	Nutrient	Nitrate + Nitrite as N	n/a	=	3.25	mg/L	EPA 353.2	0.083	0.2			
2018/19-5	000NONPJ	matrix spike, rec	5/9/2019	Nutrient	Nitrate + Nitrite as N	n/a	=	98	%	EPA 353.2	-88	-88	90	110	
2018/19-5	000NONPJ	matrix spike dup	5/9/2019	Nutrient	Nitrate + Nitrite as N	n/a	=	3.25	mg/L	EPA 353.2	0.083	0.2			
2018/19-5	000NONPJ	matrix spike dup, rec	5/9/2019	Nutrient	Nitrate + Nitrite as N	n/a	=	98	%	EPA 353.2	-88	-88	90	110	
2018/19-5	000NONPJ	matrix spike, RPD	5/9/2019	Nutrient	Nitrate + Nitrite as N	n/a	=	0	%	EPA 353.2	-88	-88	0	20	
2018/19-5	000NONPJ	matrix spike	5/15/2019	Nutrient	Nitrate + Nitrite as N	n/a	=	5.16	mg/L	EPA 353.2	0.083	0.2			
2018/19-5	000NONPJ	matrix spike, rec	5/15/2019	Nutrient	Nitrate + Nitrite as N	n/a	=	108	%	EPA 353.2	-88	-88	90	110	
2018/19-5	000NONPJ	matrix spike dup	5/15/2019	Nutrient	Nitrate + Nitrite as N	n/a	=	5.04	mg/L	EPA 353.2	0.083	0.2			
2018/19-5	000NONPJ	matrix spike dup, rec	5/15/2019	Nutrient	Nitrate + Nitrite as N	n/a	=	102	%	EPA 353.2	-88	-88	90	110	
2018/19-5	000NONPJ	matrix spike, RPD	5/15/2019	Nutrient	Nitrate + Nitrite as N	n/a	=	2	%	EPA 353.2	-88	-88	0	20	
2018/19-5	000NONPJ	matrix spike	5/15/2019	Nutrient	Nitrate + Nitrite as N	n/a	=	6.62	mg/L	EPA 353.2	0.083	0.2			GB
2018/19-5	000NONPJ	matrix spike, rec	5/15/2019	Nutrient	Nitrate + Nitrite as N	n/a	=	112	%	EPA 353.2	-88	-88	90	110	GB
2018/19-5	000NONPJ	matrix spike dup	5/15/2019	Nutrient	Nitrate + Nitrite as N	n/a	=	6.51	mg/L	EPA 353.2	0.083	0.2			
2018/19-5	000NONPJ	matrix spike dup, rec	5/15/2019	Nutrient	Nitrate + Nitrite as N	n/a	=	106	%	EPA 353.2	-88	-88	90	110	
2018/19-5	000NONPJ	matrix spike, RPD	5/15/2019	Nutrient	Nitrate + Nitrite as N	n/a	=	2	%	EPA 353.2	-88	-88	0	20	
2018/19-5	000NONPJ	matrix spike	5/28/2019	Nutrient	Nitrate + Nitrite as N	n/a	=	3.71	mg/L	EPA 353.2	0.083	0.2			
2018/19-5	000NONPJ	matrix spike, rec	5/28/2019	Nutrient	Nitrate + Nitrite as N	n/a	=	103	%	EPA 353.2	-88	-88	90	110	
2018/19-5	000NONPJ	matrix spike dup	5/28/2019	Nutrient	Nitrate + Nitrite as N	n/a	=	3.7	mg/L	EPA 353.2	0.083	0.2			
2018/19-5	000NONPJ	matrix spike dup, rec	5/28/2019	Nutrient	Nitrate + Nitrite as N	n/a	=	102	%	EPA 353.2	-88	-88	90	110	
2018/19-5	000NONPJ	matrix spike, RPD	5/28/2019	Nutrient	Nitrate + Nitrite as N	n/a	=	0.3	%	EPA 353.2	-88	-88	0	20	
2018/19-5	000NONPJ	matrix spike	5/28/2019	Nutrient	Nitrate + Nitrite as N	n/a	=	3.83	mg/L	EPA 353.2	0.083	0.2			

Appendix F
Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2018/19-5	000NONPJ	matrix spike, rec	5/28/2019	Nutrient	Nitrate + Nitrite as N	n/a	=	104	%	EPA 353.2	-88	-88	90	110	
2018/19-5	000NONPJ	matrix spike dup	5/28/2019	Nutrient	Nitrate + Nitrite as N	n/a	=	3.84	mg/L	EPA 353.2	0.083	0.2			
2018/19-5	000NONPJ	matrix spike dup, rec	5/28/2019	Nutrient	Nitrate + Nitrite as N	n/a	=	104	%	EPA 353.2	-88	-88	90	110	
2018/19-5	000NONPJ	matrix spike, RPD	5/28/2019	Nutrient	Nitrate + Nitrite as N	n/a	=	0.3	%	EPA 353.2	-88	-88	0	20	
2018/19-5	Lab	method blank	5/3/2019	Nutrient	Nitrate + Nitrite as N	n/a	<	0.083	mg/L	EPA 353.2	0.083	0.2			
2018/19-5	Lab	LCS	5/3/2019	Nutrient	Nitrate + Nitrite as N	n/a	=	0.938	mg/L	EPA 353.2	0.083	0.2			
2018/19-5	Lab	LCS, rec	5/3/2019	Nutrient	Nitrate + Nitrite as N	n/a	=	94	%	EPA 353.2	-88	-88	90	110	
2018/19-5	Lab	method blank	5/9/2019	Nutrient	Nitrate + Nitrite as N	n/a	<	0.083	mg/L	EPA 353.2	0.083	0.2			
2018/19-5	Lab	LCS	5/9/2019	Nutrient	Nitrate + Nitrite as N	n/a	=	0.96	mg/L	EPA 353.2	0.083	0.2			
2018/19-5	Lab	LCS, rec	5/9/2019	Nutrient	Nitrate + Nitrite as N	n/a	=	96	%	EPA 353.2	-88	-88	90	110	
2018/19-5	Lab	method blank	5/15/2019	Nutrient	Nitrate + Nitrite as N	n/a	<	0.083	mg/L	EPA 353.2	0.083	0.2			
2018/19-5	Lab	LCS	5/15/2019	Nutrient	Nitrate + Nitrite as N	n/a	=	0.988	mg/L	EPA 353.2	0.083	0.2			
2018/19-5	Lab	LCS, rec	5/15/2019	Nutrient	Nitrate + Nitrite as N	n/a	=	99	%	EPA 353.2	-88	-88	90	110	
2018/19-5	Lab	method blank	5/28/2019	Nutrient	Nitrate + Nitrite as N	n/a	<	0.083	mg/L	EPA 353.2	0.083	0.2			
2018/19-5	Lab	LCS	5/28/2019	Nutrient	Nitrate + Nitrite as N	n/a	=	1.04	mg/L	EPA 353.2	0.083	0.2			
2018/19-5	Lab	LCS, rec	5/28/2019	Nutrient	Nitrate + Nitrite as N	n/a	=	104	%	EPA 353.2	-88	-88	90	110	
2018/19-5	000NONPJ	matrix spike	5/3/2019	Nutrient	Nitrate as N	n/a	=	1.94	mg/L	EPA 353.2	0.083	0.2			
2018/19-5	000NONPJ	matrix spike, rec	5/3/2019	Nutrient	Nitrate as N	n/a	=	97	%	EPA 353.2	-88	-88	90	110	
2018/19-5	000NONPJ	matrix spike dup	5/3/2019	Nutrient	Nitrate as N	n/a	=	1.93	mg/L	EPA 353.2	0.083	0.2			
2018/19-5	000NONPJ	matrix spike dup, rec	5/3/2019	Nutrient	Nitrate as N	n/a	=	96	%	EPA 353.2	-88	-88	90	110	
2018/19-5	000NONPJ	matrix spike, RPD	5/3/2019	Nutrient	Nitrate as N	n/a	=	0.5	%	EPA 353.2	-88	-88	0	20	
2018/19-5	000NONPJ	matrix spike	5/3/2019	Nutrient	Nitrate as N	n/a	=	1.9	mg/L	EPA 353.2	0.083	0.2			
2018/19-5	000NONPJ	matrix spike, rec	5/3/2019	Nutrient	Nitrate as N	n/a	=	95	%	EPA 353.2	-88	-88	90	110	
2018/19-5	000NONPJ	matrix spike dup	5/3/2019	Nutrient	Nitrate as N	n/a	=	1.91	mg/L	EPA 353.2	0.083	0.2			
2018/19-5	000NONPJ	matrix spike dup, rec	5/3/2019	Nutrient	Nitrate as N	n/a	=	96	%	EPA 353.2	-88	-88	90	110	
2018/19-5	000NONPJ	matrix spike, RPD	5/3/2019	Nutrient	Nitrate as N	n/a	=	0.5	%	EPA 353.2	-88	-88	0	20	
2018/19-5	000NONPJ	matrix spike	5/9/2019	Nutrient	Nitrate as N	n/a	=	3.39	mg/L	EPA 353.2	0.083	0.2			
2018/19-5	000NONPJ	matrix spike, rec	5/9/2019	Nutrient	Nitrate as N	n/a	=	99	%	EPA 353.2	-88	-88	90	110	
2018/19-5	000NONPJ	matrix spike dup	5/9/2019	Nutrient	Nitrate as N	n/a	=	3.39	mg/L	EPA 353.2	0.083	0.2			
2018/19-5	000NONPJ	matrix spike dup, rec	5/9/2019	Nutrient	Nitrate as N	n/a	=	99	%	EPA 353.2	-88	-88	90	110	
2018/19-5	000NONPJ	matrix spike, RPD	5/9/2019	Nutrient	Nitrate as N	n/a	=	0	%	EPA 353.2	-88	-88	0	20	
2018/19-5	000NONPJ	matrix spike	5/9/2019	Nutrient	Nitrate as N	n/a	=	3.25	mg/L	EPA 353.2	0.083	0.2			
2018/19-5	000NONPJ	matrix spike, rec	5/9/2019	Nutrient	Nitrate as N	n/a	=	98	%	EPA 353.2	-88	-88	90	110	
2018/19-5	000NONPJ	matrix spike dup	5/9/2019	Nutrient	Nitrate as N	n/a	=	3.25	mg/L	EPA 353.2	0.083	0.2			
2018/19-5	000NONPJ	matrix spike dup, rec	5/9/2019	Nutrient	Nitrate as N	n/a	=	98	%	EPA 353.2	-88	-88	90	110	
2018/19-5	000NONPJ	matrix spike, RPD	5/9/2019	Nutrient	Nitrate as N	n/a	=	0	%	EPA 353.2	-88	-88	0	20	
2018/19-5	000NONPJ	matrix spike	5/15/2019	Nutrient	Nitrate as N	n/a	=	5.16	mg/L	EPA 353.2	0.083	0.2			
2018/19-5	000NONPJ	matrix spike, rec	5/15/2019	Nutrient	Nitrate as N	n/a	=	108	%	EPA 353.2	-88	-88	90	110	
2018/19-5	000NONPJ	matrix spike dup	5/15/2019	Nutrient	Nitrate as N	n/a	=	5.04	mg/L	EPA 353.2	0.083	0.2			
2018/19-5	000NONPJ	matrix spike dup, rec	5/15/2019	Nutrient	Nitrate as N	n/a	=	102	%	EPA 353.2	-88	-88	90	110	
2018/19-5	000NONPJ	matrix spike, RPD	5/15/2019	Nutrient	Nitrate as N	n/a	=	2	%	EPA 353.2	-88	-88	0	20	
2018/19-5	000NONPJ	matrix spike	5/15/2019	Nutrient	Nitrate as N	n/a	=	6.62	mg/L	EPA 353.2	0.083	0.2			GB
2018/19-5	000NONPJ	matrix spike, rec	5/15/2019	Nutrient	Nitrate as N	n/a	=	112	%	EPA 353.2	-88	-88	90	110	GB
2018/19-5	000NONPJ	matrix spike dup	5/15/2019	Nutrient	Nitrate as N	n/a	=	6.51	mg/L	EPA 353.2	0.083	0.2			
2018/19-5	000NONPJ	matrix spike dup, rec	5/15/2019	Nutrient	Nitrate as N	n/a	=	106	%	EPA 353.2	-88	-88	90	110	
2018/19-5	000NONPJ	matrix spike, RPD	5/15/2019	Nutrient	Nitrate as N	n/a	=	2	%	EPA 353.2	-88	-88	0	20	
2018/19-5	Lab	method blank	5/3/2019	Nutrient	Nitrate as N	n/a	<	0.083	mg/L	EPA 353.2	0.083	0.2			

Appendix F
Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2018/19-5	Lab	LCS	5/3/2019	Nutrient	Nitrate as N	n/a	=	0.938	mg/L	EPA 353.2	0.083	0.2			
2018/19-5	Lab	LCS, rec	5/3/2019	Nutrient	Nitrate as N	n/a	=	94	%	EPA 353.2	-88	-88	90	110	
2018/19-5	Lab	method blank	5/9/2019	Nutrient	Nitrate as N	n/a	<	0.083	mg/L	EPA 353.2	0.083	0.2			
2018/19-5	Lab	LCS	5/9/2019	Nutrient	Nitrate as N	n/a	=	0.96	mg/L	EPA 353.2	0.083	0.2			
2018/19-5	Lab	LCS, rec	5/9/2019	Nutrient	Nitrate as N	n/a	=	96	%	EPA 353.2	-88	-88	90	110	
2018/19-5	Lab	method blank	5/15/2019	Nutrient	Nitrate as N	n/a	<	0.083	mg/L	EPA 353.2	0.083	0.2			
2018/19-5	Lab	LCS	5/15/2019	Nutrient	Nitrate as N	n/a	=	0.988	mg/L	EPA 353.2	0.083	0.2			
2018/19-5	Lab	LCS, rec	5/15/2019	Nutrient	Nitrate as N	n/a	=	99	%	EPA 353.2	-88	-88	90	110	
2018/19-5	Lab	method blank	5/10/2019	Nutrient	Phosphorus as P	Dissolved	<	0.012	mg/L	EPA 200.7	0.012	0.02			
2018/19-5	Lab	LCS	5/10/2019	Nutrient	Phosphorus as P	Dissolved	=	1.08	mg/L	EPA 200.7	0.012	0.02			
2018/19-5	Lab	LCS, rec	5/10/2019	Nutrient	Phosphorus as P	Dissolved	=	108	%	EPA 200.7	-88	-88	85	115	
2018/19-5	Lab	method blank	5/14/2019	Nutrient	Phosphorus as P	Dissolved	DNQ	0.003	mg/L	EPA 365.1	0.0014	0.01			IP
2018/19-5	Lab	LCS	5/14/2019	Nutrient	Phosphorus as P	Dissolved	=	0.0488	mg/L	EPA 365.1	0.0014	0.01			
2018/19-5	Lab	LCS, rec	5/14/2019	Nutrient	Phosphorus as P	Dissolved	=	98	%	EPA 365.1	-88	-88	90	110	
2018/19-5	Lab	method blank	5/16/2019	Nutrient	Phosphorus as P	Dissolved	<	0.012	mg/L	EPA 200.7	0.012	0.02			
2018/19-5	Lab	LCS	5/16/2019	Nutrient	Phosphorus as P	Dissolved	=	1.13	mg/L	EPA 200.7	0.012	0.02			
2018/19-5	Lab	LCS, rec	5/16/2019	Nutrient	Phosphorus as P	Dissolved	=	113	%	EPA 200.7	-88	-88	85	115	
2018/19-5	Lab	method blank	5/22/2019	Nutrient	Phosphorus as P	Dissolved	<	0.012	mg/L	EPA 200.7	0.012	0.02			
2018/19-5	Lab	LCS	5/22/2019	Nutrient	Phosphorus as P	Dissolved	=	1.1	mg/L	EPA 200.7	0.012	0.02			
2018/19-5	Lab	LCS, rec	5/22/2019	Nutrient	Phosphorus as P	Dissolved	=	110	%	EPA 200.7	-88	-88	85	115	
2018/19-5	ME-SCR	matrix spike	5/14/2019	Nutrient	Phosphorus as P	Dissolved	=	0.0592	mg/L	EPA 365.1	0.0014	0.01			
2018/19-5	ME-SCR	matrix spike, rec	5/14/2019	Nutrient	Phosphorus as P	Dissolved	=	100	%	EPA 365.1	-88	-88	90	110	
2018/19-5	ME-SCR	matrix spike dup	5/14/2019	Nutrient	Phosphorus as P	Dissolved	=	0.0606	mg/L	EPA 365.1	0.0014	0.01			
2018/19-5	ME-SCR	matrix spike dup, rec	5/14/2019	Nutrient	Phosphorus as P	Dissolved	=	103	%	EPA 365.1	-88	-88	90	110	
2018/19-5	ME-SCR	matrix spike, RPD	5/14/2019	Nutrient	Phosphorus as P	Dissolved	=	2	%	EPA 365.1	-88	-88	0	20	
2018/19-5	ME-VR2	matrix spike	5/16/2019	Nutrient	Phosphorus as P	Dissolved	=	1.15	mg/L	EPA 200.7	0.012	0.02			
2018/19-5	ME-VR2	matrix spike, rec	5/16/2019	Nutrient	Phosphorus as P	Dissolved	=	115	%	EPA 200.7	-88	-88	70	130	
2018/19-5	ME-VR2	matrix spike dup	5/16/2019	Nutrient	Phosphorus as P	Dissolved	=	1.16	mg/L	EPA 200.7	0.012	0.02			
2018/19-5	ME-VR2	matrix spike dup, rec	5/16/2019	Nutrient	Phosphorus as P	Dissolved	=	116	%	EPA 200.7	-88	-88	70	130	
2018/19-5	ME-VR2	matrix spike, RPD	5/16/2019	Nutrient	Phosphorus as P	Dissolved	=	1	%	EPA 200.7	-88	-88	0	30	
2018/19-5	Lab	method blank	5/10/2019	Nutrient	Phosphorus as P	Total	<	0.012	mg/L	EPA 200.7	0.012	0.02			
2018/19-5	Lab	LCS	5/10/2019	Nutrient	Phosphorus as P	Total	=	1.08	mg/L	EPA 200.7	0.012	0.02			
2018/19-5	Lab	LCS, rec	5/10/2019	Nutrient	Phosphorus as P	Total	=	108	%	EPA 200.7	-88	-88	85	115	
2018/19-5	Lab	method blank	5/14/2019	Nutrient	Phosphorus as P	Total	<	0.0014	mg/L	EPA 365.1	0.0014	0.01			
2018/19-5	Lab	LCS	5/14/2019	Nutrient	Phosphorus as P	Total	=	0.0466	mg/L	EPA 365.1	0.0014	0.01			
2018/19-5	Lab	LCS, rec	5/14/2019	Nutrient	Phosphorus as P	Total	=	93	%	EPA 365.1	-88	-88	90	110	
2018/19-5	Lab	method blank	5/16/2019	Nutrient	Phosphorus as P	Total	<	0.012	mg/L	EPA 200.7	0.012	0.02			
2018/19-5	Lab	LCS	5/16/2019	Nutrient	Phosphorus as P	Total	=	1.13	mg/L	EPA 200.7	0.012	0.02			
2018/19-5	Lab	LCS, rec	5/16/2019	Nutrient	Phosphorus as P	Total	=	113	%	EPA 200.7	-88	-88	85	115	
2018/19-5	Lab	method blank	5/22/2019	Nutrient	Phosphorus as P	Total	<	0.012	mg/L	EPA 200.7	0.012	0.02			
2018/19-5	Lab	LCS	5/22/2019	Nutrient	Phosphorus as P	Total	=	1.1	mg/L	EPA 200.7	0.012	0.02			
2018/19-5	Lab	LCS, rec	5/22/2019	Nutrient	Phosphorus as P	Total	=	110	%	EPA 200.7	-88	-88	85	115	
2018/19-5	ME-SCR	matrix spike	5/10/2019	Nutrient	Phosphorus as P	Total	=	1.18	mg/L	EPA 200.7	0.012	0.02			
2018/19-5	ME-SCR	matrix spike, rec	5/10/2019	Nutrient	Phosphorus as P	Total	=	110	%	EPA 200.7	-88	-88	70	130	
2018/19-5	ME-SCR	matrix spike dup	5/10/2019	Nutrient	Phosphorus as P	Total	=	1.17	mg/L	EPA 200.7	0.012	0.02			
2018/19-5	ME-SCR	matrix spike dup, rec	5/10/2019	Nutrient	Phosphorus as P	Total	=	109	%	EPA 200.7	-88	-88	70	130	
2018/19-5	ME-SCR	matrix spike, RPD	5/10/2019	Nutrient	Phosphorus as P	Total	=	1	%	EPA 200.7	-88	-88	0	30	

Appendix F
Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2018/19-5	ME-SCR	matrix spike	5/14/2019	Nutrient	Phosphorus as P	Total	=	0.143	mg/L	EPA 365.1	0.0014	0.01			
2018/19-5	ME-SCR	matrix spike, rec	5/14/2019	Nutrient	Phosphorus as P	Total	=	100	%	EPA 365.1	-88	-88	90	110	
2018/19-5	ME-SCR	matrix spike dup	5/14/2019	Nutrient	Phosphorus as P	Total	=	0.145	mg/L	EPA 365.1	0.0014	0.01			
2018/19-5	ME-SCR	matrix spike dup, rec	5/14/2019	Nutrient	Phosphorus as P	Total	=	104	%	EPA 365.1	-88	-88	90	110	
2018/19-5	ME-SCR	matrix spike, RPD	5/14/2019	Nutrient	Phosphorus as P	Total	=	1	%	EPA 365.1	-88	-88	0	20	
2018/19-5	ME-VR2	matrix spike	5/16/2019	Nutrient	Phosphorus as P	Total	=	1.15	mg/L	EPA 200.7	0.012	0.02			
2018/19-5	ME-VR2	matrix spike, rec	5/16/2019	Nutrient	Phosphorus as P	Total	=	115	%	EPA 200.7	-88	-88	70	130	
2018/19-5	ME-VR2	matrix spike dup	5/16/2019	Nutrient	Phosphorus as P	Total	=	1.16	mg/L	EPA 200.7	0.012	0.02			
2018/19-5	ME-VR2	matrix spike dup, rec	5/16/2019	Nutrient	Phosphorus as P	Total	=	116	%	EPA 200.7	-88	-88	70	130	
2018/19-5	ME-VR2	matrix spike, RPD	5/16/2019	Nutrient	Phosphorus as P	Total	=	1	%	EPA 200.7	-88	-88	0	30	
2018/19-5	MO-CAM	matrix spike	5/22/2019	Nutrient	Phosphorus as P	Total	=	1.61	mg/L	EPA 200.7	0.012	0.02			
2018/19-5	MO-CAM	matrix spike, rec	5/22/2019	Nutrient	Phosphorus as P	Total	=	115	%	EPA 200.7	-88	-88	70	130	
2018/19-5	MO-CAM	matrix spike dup	5/22/2019	Nutrient	Phosphorus as P	Total	=	1.62	mg/L	EPA 200.7	0.012	0.02			
2018/19-5	MO-CAM	matrix spike dup, rec	5/22/2019	Nutrient	Phosphorus as P	Total	=	116	%	EPA 200.7	-88	-88	70	130	
2018/19-5	MO-CAM	matrix spike, RPD	5/22/2019	Nutrient	Phosphorus as P	Total	=	0.5	%	EPA 200.7	-88	-88	0	30	
2018/19-5	000NONPJ	matrix spike	5/10/2019	Nutrient	TKN	n/a	=	1.14	mg/L	EPA 351.2	0.05	0.1			
2018/19-5	000NONPJ	matrix spike dup	5/10/2019	Nutrient	TKN	n/a	=	1.12	mg/L	EPA 351.2	0.05	0.1			
2018/19-5	000NONPJ	matrix spike dup, rec	5/10/2019	Nutrient	TKN	n/a	=	104	%	EPA 351.2	-88	-88	90	110	
2018/19-5	000NONPJ	matrix spike, rec	5/10/2019	Nutrient	TKN	n/a	=	106	%	EPA 351.2	-88	-88	90	110	
2018/19-5	000NONPJ	matrix spike, RPD	5/10/2019	Nutrient	TKN	n/a	=	1	%	EPA 351.2	-88	-88	0	10	
2018/19-5	000NONPJ	matrix spike	5/11/2019	Nutrient	TKN	n/a	=	1.21	mg/L	EPA 351.2	0.05	0.1			
2018/19-5	000NONPJ	matrix spike dup	5/11/2019	Nutrient	TKN	n/a	=	1.19	mg/L	EPA 351.2	0.05	0.1			
2018/19-5	000NONPJ	matrix spike dup	5/11/2019	Nutrient	TKN	n/a	=	1.23	mg/L	EPA 351.2	0.05	0.1			
2018/19-5	000NONPJ	matrix spike dup, rec	5/11/2019	Nutrient	TKN	n/a	=	104	%	EPA 351.2	-88	-88	90	110	
2018/19-5	000NONPJ	matrix spike dup, rec	5/11/2019	Nutrient	TKN	n/a	=	94	%	EPA 351.2	-88	-88	90	110	
2018/19-5	000NONPJ	matrix spike, rec	5/11/2019	Nutrient	TKN	n/a	=	99	%	EPA 351.2	-88	-88	90	110	
2018/19-5	000NONPJ	matrix spike, rec	5/11/2019	Nutrient	TKN	n/a	=	97	%	EPA 351.2	-88	-88	90	110	
2018/19-5	000NONPJ	matrix spike, RPD	5/11/2019	Nutrient	TKN	n/a	=	2	%	EPA 351.2	-88	-88	0	10	
2018/19-5	000NONPJ	matrix spike, RPD	5/11/2019	Nutrient	TKN	n/a	=	3	%	EPA 351.2	-88	-88	0	10	
2018/19-5	000NONPJ	lab duplicate	5/21/2019	Nutrient	TKN	n/a	DNQ	0.0574	mg/L	EPA 351.2	0.05	0.1			
2018/19-5	000NONPJ	matrix spike	5/21/2019	Nutrient	TKN	n/a	=	1.18	mg/L	EPA 351.2	0.05	0.1			
2018/19-5	000NONPJ	matrix spike	5/21/2019	Nutrient	TKN	n/a	=	1.35	mg/L	EPA 351.2	0.05	0.1			
2018/19-5	000NONPJ	matrix spike dup	5/21/2019	Nutrient	TKN	n/a	=	1.23	mg/L	EPA 351.2	0.05	0.1			
2018/19-5	000NONPJ	matrix spike dup	5/21/2019	Nutrient	TKN	n/a	=	1.3	mg/L	EPA 351.2	0.05	0.1			
2018/19-5	000NONPJ	matrix spike dup, rec	5/21/2019	Nutrient	TKN	n/a	=	104	%	EPA 351.2	-88	-88	90	110	
2018/19-5	000NONPJ	matrix spike dup, rec	5/21/2019	Nutrient	TKN	n/a	=	99	%	EPA 351.2	-88	-88	90	110	
2018/19-5	000NONPJ	matrix spike, rec	5/21/2019	Nutrient	TKN	n/a	=	99	%	EPA 351.2	-88	-88	90	110	
2018/19-5	000NONPJ	matrix spike, rec	5/21/2019	Nutrient	TKN	n/a	=	104	%	EPA 351.2	-88	-88	90	110	
2018/19-5	000NONPJ	matrix spike, RPD	5/21/2019	Nutrient	TKN	n/a	=	5	%	EPA 351.2	-88	-88	0	10	
2018/19-5	000NONPJ	matrix spike, RPD	5/21/2019	Nutrient	TKN	n/a	=	4	%	EPA 351.2	-88	-88	0	10	
2018/19-5	Lab	LCS	5/10/2019	Nutrient	TKN	n/a	=	0.928	mg/L	EPA 351.2	0.05	0.1			
2018/19-5	Lab	LCS, rec	5/10/2019	Nutrient	TKN	n/a	=	93	%	EPA 351.2	-88	-88	90	110	
2018/19-5	Lab	method blank	5/10/2019	Nutrient	TKN	n/a	<	0.05	mg/L	EPA 351.2	0.05	0.1			
2018/19-5	Lab	LCS	5/11/2019	Nutrient	TKN	n/a	=	0.979	mg/L	EPA 351.2	0.05	0.1			
2018/19-5	Lab	LCS	5/11/2019	Nutrient	TKN	n/a	=	0.969	mg/L	EPA 351.2	0.05	0.1			
2018/19-5	Lab	LCS, rec	5/11/2019	Nutrient	TKN	n/a	=	98	%	EPA 351.2	-88	-88	90	110	

Appendix F
Laboratory QA/QC Analysis Results

Event ID	Site ID	QA/QC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2018/19-5	Lab	LCS, rec	5/11/2019	Nutrient	TKN	n/a	=	97	%	EPA 351.2	-88	-88	90	110	
2018/19-5	Lab	method blank	5/11/2019	Nutrient	TKN	n/a	<	0.05	mg/L	EPA 351.2	0.05	0.1			
2018/19-5	Lab	method blank	5/11/2019	Nutrient	TKN	n/a	<	0.05	mg/L	EPA 351.2	0.05	0.1			
2018/19-5	Lab	LCS	5/21/2019	Nutrient	TKN	n/a	=	0.896	mg/L	EPA 351.2	0.05	0.1			
2018/19-5	Lab	LCS	5/21/2019	Nutrient	TKN	n/a	=	0.911	mg/L	EPA 351.2	0.05	0.1			
2018/19-5	Lab	LCS, rec	5/21/2019	Nutrient	TKN	n/a	=	90	%	EPA 351.2	-88	-88	90	110	
2018/19-5	Lab	LCS, rec	5/21/2019	Nutrient	TKN	n/a	=	91	%	EPA 351.2	-88	-88	90	110	
2018/19-5	Lab	method blank	5/21/2019	Nutrient	TKN	n/a	<	0.05	mg/L	EPA 351.2	0.05	0.1			
2018/19-5	Lab	method blank	5/21/2019	Nutrient	TKN	n/a	<	0.05	mg/L	EPA 351.2	0.05	0.1			
2018/19-5	000NONPJ	matrix spike	5/7/2019	Organic	1,2,4-Trichlorobenzene	n/a	=	12.8	µg/L	EPA 625	0.55	1			
2018/19-5	000NONPJ	matrix spike, rec	5/7/2019	Organic	1,2,4-Trichlorobenzene	n/a	=	51	%	EPA 625	-88	-88	44	120	
2018/19-5	000NONPJ	matrix spike dup	5/7/2019	Organic	1,2,4-Trichlorobenzene	n/a	=	15	µg/L	EPA 625	0.55	1			
2018/19-5	000NONPJ	matrix spike dup, rec	5/7/2019	Organic	1,2,4-Trichlorobenzene	n/a	=	60	%	EPA 625	-88	-88	44	120	
2018/19-5	000NONPJ	matrix spike, RPD	5/7/2019	Organic	1,2,4-Trichlorobenzene	n/a	=	16	%	EPA 625	-88	-88	0	30	
2018/19-5	000NONPJ	matrix spike	6/6/2019	Organic	1,2,4-Trichlorobenzene	n/a	=	15.2	µg/L	EPA 625	5.5	10			
2018/19-5	000NONPJ	matrix spike, rec	6/6/2019	Organic	1,2,4-Trichlorobenzene	n/a	=	61	%	EPA 625	-88	-88	44	120	
2018/19-5	000NONPJ	matrix spike dup	6/6/2019	Organic	1,2,4-Trichlorobenzene	n/a	=	15.3	µg/L	EPA 625	5.5	10			
2018/19-5	000NONPJ	matrix spike dup, rec	6/6/2019	Organic	1,2,4-Trichlorobenzene	n/a	=	61	%	EPA 625	-88	-88	44	120	
2018/19-5	000NONPJ	matrix spike, RPD	6/6/2019	Organic	1,2,4-Trichlorobenzene	n/a	=	1	%	EPA 625	-88	-88	0	30	
2018/19-5	Lab	method blank	5/6/2019	Organic	1,2,4-Trichlorobenzene	n/a	<	0.55	µg/L	EPA 625	0.55	1			
2018/19-5	Lab	LCS dup	5/6/2019	Organic	1,2,4-Trichlorobenzene	n/a	=	15.1	µg/L	EPA 625	0.55	1			
2018/19-5	Lab	LCS dup, rec	5/6/2019	Organic	1,2,4-Trichlorobenzene	n/a	=	60	%	EPA 625	-88	-88	44	130	
2018/19-5	Lab	LCS, RPD	5/6/2019	Organic	1,2,4-Trichlorobenzene	n/a	=	21	%	EPA 625	-88	-88	0	30	
2018/19-5	Lab	LCS	5/7/2019	Organic	1,2,4-Trichlorobenzene	n/a	=	18.7	µg/L	EPA 625	0.55	1			
2018/19-5	Lab	LCS, rec	5/7/2019	Organic	1,2,4-Trichlorobenzene	n/a	=	75	%	EPA 625	-88	-88	44	130	
2018/19-5	Lab	method blank	5/24/2019	Organic	1,2,4-Trichlorobenzene	n/a	<	0.55	µg/L	EPA 625	0.55	1			
2018/19-5	Lab	LCS	5/24/2019	Organic	1,2,4-Trichlorobenzene	n/a	=	17.5	µg/L	EPA 625	0.55	1			
2018/19-5	Lab	LCS, rec	5/24/2019	Organic	1,2,4-Trichlorobenzene	n/a	=	70	%	EPA 625	-88	-88	44	130	
2018/19-5	Lab	LCS dup	5/24/2019	Organic	1,2,4-Trichlorobenzene	n/a	=	20.5	µg/L	EPA 625	0.55	1			
2018/19-5	Lab	LCS dup, rec	5/24/2019	Organic	1,2,4-Trichlorobenzene	n/a	=	82	%	EPA 625	-88	-88	44	130	
2018/19-5	Lab	LCS, RPD	5/24/2019	Organic	1,2,4-Trichlorobenzene	n/a	=	16	%	EPA 625	-88	-88	0	30	
2018/19-5	Lab	method blank	6/1/2019	Organic	1,2,4-Trichlorobenzene	n/a	<	0.55	µg/L	EPA 625	0.55	1			
2018/19-5	Lab	LCS dup	6/1/2019	Organic	1,2,4-Trichlorobenzene	n/a	=	15.7	µg/L	EPA 625	0.55	1			
2018/19-5	Lab	LCS dup, rec	6/1/2019	Organic	1,2,4-Trichlorobenzene	n/a	=	63	%	EPA 625	-88	-88	44	130	
2018/19-5	Lab	LCS, RPD	6/1/2019	Organic	1,2,4-Trichlorobenzene	n/a	=	20	%	EPA 625	-88	-88	0	30	
2018/19-5	Lab	LCS	6/1/2019	Organic	1,2,4-Trichlorobenzene	n/a	=	19.1	µg/L	EPA 625	0.55	1			
2018/19-5	Lab	LCS, rec	6/1/2019	Organic	1,2,4-Trichlorobenzene	n/a	=	76	%	EPA 625	-88	-88	44	130	
2018/19-5	Lab	method blank	6/3/2019	Organic	1,2,4-Trichlorobenzene	n/a	<	0.55	µg/L	EPA 625	0.55	1			
2018/19-5	Lab	LCS	6/3/2019	Organic	1,2,4-Trichlorobenzene	n/a	=	16.3	µg/L	EPA 625	0.55	1			
2018/19-5	Lab	LCS, rec	6/3/2019	Organic	1,2,4-Trichlorobenzene	n/a	=	65	%	EPA 625	-88	-88	44	130	
2018/19-5	Lab	method blank	6/6/2019	Organic	1,2,4-Trichlorobenzene	n/a	<	0.55	µg/L	EPA 625	0.55	1			
2018/19-5	Lab	LCS	6/6/2019	Organic	1,2,4-Trichlorobenzene	n/a	=	16.4	µg/L	EPA 625	0.55	1			
2018/19-5	Lab	LCS, rec	6/6/2019	Organic	1,2,4-Trichlorobenzene	n/a	=	66	%	EPA 625	-88	-88	44	130	
2018/19-5	000NONPJ	matrix spike	5/7/2019	Organic	1,2-Dichlorobenzene	n/a	=	12.3	µg/L	EPA 625	0.57	1			
2018/19-5	000NONPJ	matrix spike, rec	5/7/2019	Organic	1,2-Dichlorobenzene	n/a	=	49	%	EPA 625	-88	-88	46	130	
2018/19-5	000NONPJ	matrix spike dup	5/7/2019	Organic	1,2-Dichlorobenzene	n/a	=	14.3	µg/L	EPA 625	0.57	1			
2018/19-5	000NONPJ	matrix spike dup, rec	5/7/2019	Organic	1,2-Dichlorobenzene	n/a	=	57	%	EPA 625	-88	-88	46	130	

Appendix F
Laboratory QA/QC Analysis Results

Event ID	Site ID	QA/QC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2018/19-5	000NONPJ	matrix spike, RPD	5/7/2019	Organic	1,2-Dichlorobenzene	n/a	=	14	%	EPA 625	-88	-88	0	30	
2018/19-5	000NONPJ	matrix spike	6/6/2019	Organic	1,2-Dichlorobenzene	n/a	=	15.6	µg/L	EPA 625	5.7	10			
2018/19-5	000NONPJ	matrix spike, rec	6/6/2019	Organic	1,2-Dichlorobenzene	n/a	=	62	%	EPA 625	-88	-88	46	130	
2018/19-5	000NONPJ	matrix spike dup	6/6/2019	Organic	1,2-Dichlorobenzene	n/a	=	15.7	µg/L	EPA 625	5.7	10			
2018/19-5	000NONPJ	matrix spike dup, rec	6/6/2019	Organic	1,2-Dichlorobenzene	n/a	=	63	%	EPA 625	-88	-88	46	130	
2018/19-5	000NONPJ	matrix spike, RPD	6/6/2019	Organic	1,2-Dichlorobenzene	n/a	=	1	%	EPA 625	-88	-88	0	30	
2018/19-5	Lab	method blank	5/6/2019	Organic	1,2-Dichlorobenzene	n/a	<	0.57	µg/L	EPA 625	0.57	1			
2018/19-5	Lab	LCS dup	5/6/2019	Organic	1,2-Dichlorobenzene	n/a	=	14.2	µg/L	EPA 625	0.57	1			
2018/19-5	Lab	LCS dup, rec	5/6/2019	Organic	1,2-Dichlorobenzene	n/a	=	57	%	EPA 625	-88	-88	44	120	
2018/19-5	Lab	LCS, RPD	5/6/2019	Organic	1,2-Dichlorobenzene	n/a	=	19	%	EPA 625	-88	-88	0	30	
2018/19-5	Lab	LCS	5/7/2019	Organic	1,2-Dichlorobenzene	n/a	=	17.1	µg/L	EPA 625	0.57	1			
2018/19-5	Lab	LCS, rec	5/7/2019	Organic	1,2-Dichlorobenzene	n/a	=	68	%	EPA 625	-88	-88	44	120	
2018/19-5	Lab	method blank	5/24/2019	Organic	1,2-Dichlorobenzene	n/a	<	0.57	µg/L	EPA 625	0.57	1			
2018/19-5	Lab	LCS	5/24/2019	Organic	1,2-Dichlorobenzene	n/a	=	17.6	µg/L	EPA 625	0.57	1			
2018/19-5	Lab	LCS, rec	5/24/2019	Organic	1,2-Dichlorobenzene	n/a	=	70	%	EPA 625	-88	-88	44	120	
2018/19-5	Lab	LCS dup	5/24/2019	Organic	1,2-Dichlorobenzene	n/a	=	20.8	µg/L	EPA 625	0.57	1			
2018/19-5	Lab	LCS dup, rec	5/24/2019	Organic	1,2-Dichlorobenzene	n/a	=	83	%	EPA 625	-88	-88	44	120	
2018/19-5	Lab	LCS, RPD	5/24/2019	Organic	1,2-Dichlorobenzene	n/a	=	17	%	EPA 625	-88	-88	0	30	
2018/19-5	Lab	method blank	6/1/2019	Organic	1,2-Dichlorobenzene	n/a	<	0.57	µg/L	EPA 625	0.57	1			
2018/19-5	Lab	LCS dup	6/1/2019	Organic	1,2-Dichlorobenzene	n/a	=	15.9	µg/L	EPA 625	0.57	1			
2018/19-5	Lab	LCS dup, rec	6/1/2019	Organic	1,2-Dichlorobenzene	n/a	=	64	%	EPA 625	-88	-88	44	120	
2018/19-5	Lab	LCS, RPD	6/1/2019	Organic	1,2-Dichlorobenzene	n/a	=	17	%	EPA 625	-88	-88	0	30	
2018/19-5	Lab	LCS	6/1/2019	Organic	1,2-Dichlorobenzene	n/a	=	18.8	µg/L	EPA 625	0.57	1			
2018/19-5	Lab	LCS, rec	6/1/2019	Organic	1,2-Dichlorobenzene	n/a	=	75	%	EPA 625	-88	-88	44	120	
2018/19-5	Lab	method blank	6/3/2019	Organic	1,2-Dichlorobenzene	n/a	<	0.57	µg/L	EPA 625	0.57	1			
2018/19-5	Lab	LCS	6/3/2019	Organic	1,2-Dichlorobenzene	n/a	=	16.8	µg/L	EPA 625	0.57	1			
2018/19-5	Lab	LCS, rec	6/3/2019	Organic	1,2-Dichlorobenzene	n/a	=	67	%	EPA 625	-88	-88	44	120	
2018/19-5	Lab	method blank	6/6/2019	Organic	1,2-Dichlorobenzene	n/a	<	0.57	µg/L	EPA 625	0.57	1			
2018/19-5	Lab	LCS	6/6/2019	Organic	1,2-Dichlorobenzene	n/a	=	16.7	µg/L	EPA 625	0.57	1			
2018/19-5	Lab	LCS, rec	6/6/2019	Organic	1,2-Dichlorobenzene	n/a	=	67	%	EPA 625	-88	-88	44	120	
2018/19-5	000NONPJ	srgt matrix spike	5/3/2019	Organic	1,2-Dichloroethane-d4	n/a	=	48.9	µg/L	EPA 624	-88	-88			
2018/19-5	000NONPJ	srgt matrix spike, rec	5/3/2019	Organic	1,2-Dichloroethane-d4	n/a	=	98	%	EPA 624	-88	-88	82	125	
2018/19-5	000NONPJ	srgt matrix spike dup	5/3/2019	Organic	1,2-Dichloroethane-d4	n/a	=	48.2	µg/L	EPA 624	-88	-88			
2018/19-5	000NONPJ	srgt matrix spike dup, rec	5/3/2019	Organic	1,2-Dichloroethane-d4	n/a	=	96	%	EPA 624	-88	-88	82	125	
2018/19-5	000NONPJ	srgt matrix spike	5/17/2019	Organic	1,2-Dichloroethane-d4	n/a	=	49.9	µg/L	EPA 624	-88	-88			
2018/19-5	000NONPJ	srgt matrix spike, rec	5/17/2019	Organic	1,2-Dichloroethane-d4	n/a	=	100	%	EPA 624	-88	-88	82	125	
2018/19-5	000NONPJ	srgt matrix spike dup	5/17/2019	Organic	1,2-Dichloroethane-d4	n/a	=	49.6	µg/L	EPA 624	-88	-88			
2018/19-5	000NONPJ	srgt matrix spike dup, rec	5/17/2019	Organic	1,2-Dichloroethane-d4	n/a	=	99	%	EPA 624	-88	-88	82	125	
2018/19-5	Lab	srgt LCS	5/3/2019	Organic	1,2-Dichloroethane-d4	n/a	=	49.2	µg/L	EPA 624	-88	-88			
2018/19-5	Lab	srgt LCS, rec	5/3/2019	Organic	1,2-Dichloroethane-d4	n/a	=	98	%	EPA 624	-88	-88	82	125	
2018/19-5	Lab	srgt LCS dup	5/3/2019	Organic	1,2-Dichloroethane-d4	n/a	=	49	µg/L	EPA 624	-88	-88			
2018/19-5	Lab	srgt LCS dup, rec	5/3/2019	Organic	1,2-Dichloroethane-d4	n/a	=	98	%	EPA 624	-88	-88	82	125	
2018/19-5	Lab	srgt method blank	5/3/2019	Organic	1,2-Dichloroethane-d4	n/a	=	48.5	µg/L	EPA 624	-88	-88			
2018/19-5	Lab	srgt method blank, rec	5/3/2019	Organic	1,2-Dichloroethane-d4	n/a	=	97	%	EPA 624	-88	-88	82	125	
2018/19-5	Lab	srgt LCS	5/10/2019	Organic	1,2-Dichloroethane-d4	n/a	=	46.4	µg/L	EPA 624	-88	-88			
2018/19-5	Lab	srgt LCS, rec	5/10/2019	Organic	1,2-Dichloroethane-d4	n/a	=	93	%	EPA 624	-88	-88	82	125	
2018/19-5	Lab	srgt LCS dup	5/10/2019	Organic	1,2-Dichloroethane-d4	n/a	=	48.6	µg/L	EPA 624	-88	-88			

Appendix F
Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2018/19-5	Lab	srgt LCS dup, rec	5/10/2019	Organic	1,2-Dichloroethane-d4	n/a	=	97	%	EPA 624	-88	-88	82	125	
2018/19-5	Lab	srgt method blank	5/10/2019	Organic	1,2-Dichloroethane-d4	n/a	=	47.3	µg/L	EPA 624	-88	-88			
2018/19-5	Lab	srgt method blank, rec	5/10/2019	Organic	1,2-Dichloroethane-d4	n/a	=	95	%	EPA 624	-88	-88	82	125	
2018/19-5	Lab	srgt LCS	5/16/2019	Organic	1,2-Dichloroethane-d4	n/a	=	49.3	µg/L	EPA 624	-88	-88			
2018/19-5	Lab	srgt LCS, rec	5/16/2019	Organic	1,2-Dichloroethane-d4	n/a	=	99	%	EPA 624	-88	-88	82	125	
2018/19-5	Lab	srgt LCS dup	5/16/2019	Organic	1,2-Dichloroethane-d4	n/a	=	49.1	µg/L	EPA 624	-88	-88			
2018/19-5	Lab	srgt LCS dup, rec	5/16/2019	Organic	1,2-Dichloroethane-d4	n/a	=	98	%	EPA 624	-88	-88	82	125	
2018/19-5	Lab	srgt method blank	5/16/2019	Organic	1,2-Dichloroethane-d4	n/a	=	49.2	µg/L	EPA 624	-88	-88			
2018/19-5	Lab	srgt method blank, rec	5/16/2019	Organic	1,2-Dichloroethane-d4	n/a	=	98	%	EPA 624	-88	-88	82	125	
2018/19-5	ME-CC	srgt environ	5/17/2019	Organic	1,2-Dichloroethane-d4	n/a	=	49.4	µg/L	EPA 624	-88	-88			
2018/19-5	ME-CC	srgt environ, rec	5/17/2019	Organic	1,2-Dichloroethane-d4	n/a	=	99	%	EPA 624	-88	-88	82	125	
2018/19-5	ME-SCR	srgt environ	5/3/2019	Organic	1,2-Dichloroethane-d4	n/a	=	49.4	µg/L	EPA 624	-88	-88			
2018/19-5	ME-SCR	srgt environ, rec	5/3/2019	Organic	1,2-Dichloroethane-d4	n/a	=	99	%	EPA 624	-88	-88	82	125	
2018/19-5	ME-VR2	srgt environ	5/10/2019	Organic	1,2-Dichloroethane-d4	n/a	=	48.6	µg/L	EPA 624	-88	-88			
2018/19-5	ME-VR2	srgt environ, rec	5/10/2019	Organic	1,2-Dichloroethane-d4	n/a	=	97	%	EPA 624	-88	-88	82	125	
2018/19-5	MO-CAM	srgt environ	5/17/2019	Organic	1,2-Dichloroethane-d4	n/a	=	51	µg/L	EPA 624	-88	-88			
2018/19-5	MO-CAM	srgt environ, rec	5/17/2019	Organic	1,2-Dichloroethane-d4	n/a	=	102	%	EPA 624	-88	-88	82	125	
2018/19-5	MO-FIL	srgt environ	5/3/2019	Organic	1,2-Dichloroethane-d4	n/a	=	48.4	µg/L	EPA 624	-88	-88			
2018/19-5	MO-FIL	srgt environ, rec	5/3/2019	Organic	1,2-Dichloroethane-d4	n/a	=	97	%	EPA 624	-88	-88	82	125	
2018/19-5	MO-HUE	srgt environ	5/10/2019	Organic	1,2-Dichloroethane-d4	n/a	=	48.9	µg/L	EPA 624	-88	-88			
2018/19-5	MO-HUE	srgt environ, rec	5/10/2019	Organic	1,2-Dichloroethane-d4	n/a	=	98	%	EPA 624	-88	-88	82	125	
2018/19-5	MO-MPK	srgt environ	5/17/2019	Organic	1,2-Dichloroethane-d4	n/a	=	50.6	µg/L	EPA 624	-88	-88			
2018/19-5	MO-MPK	srgt environ, rec	5/17/2019	Organic	1,2-Dichloroethane-d4	n/a	=	101	%	EPA 624	-88	-88	82	125	
2018/19-5	MO-OJA	srgt environ	5/10/2019	Organic	1,2-Dichloroethane-d4	n/a	=	49.6	µg/L	EPA 624	-88	-88			
2018/19-5	MO-OJA	srgt environ, rec	5/10/2019	Organic	1,2-Dichloroethane-d4	n/a	=	99	%	EPA 624	-88	-88	82	125	
2018/19-5	MO-SIM	srgt environ	5/17/2019	Organic	1,2-Dichloroethane-d4	n/a	=	50	µg/L	EPA 624	-88	-88			
2018/19-5	MO-SIM	srgt environ, rec	5/17/2019	Organic	1,2-Dichloroethane-d4	n/a	=	100	%	EPA 624	-88	-88	82	125	
2018/19-5	MO-THO	srgt environ	5/17/2019	Organic	1,2-Dichloroethane-d4	n/a	=	50.3	µg/L	EPA 624	-88	-88			
2018/19-5	MO-THO	srgt environ, rec	5/17/2019	Organic	1,2-Dichloroethane-d4	n/a	=	101	%	EPA 624	-88	-88	82	125	
2018/19-5	MO-VEN	srgt environ	5/3/2019	Organic	1,2-Dichloroethane-d4	n/a	=	49.4	µg/L	EPA 624	-88	-88			
2018/19-5	MO-VEN	srgt environ, rec	5/3/2019	Organic	1,2-Dichloroethane-d4	n/a	=	99	%	EPA 624	-88	-88	82	125	
2018/19-5	Lab	method blank	5/6/2019	Organic	1,2-Diphenylhydrazine	n/a	<	0.25	µg/L	EPA 625	0.25	1			
2018/19-5	Lab	method blank	5/24/2019	Organic	1,2-Diphenylhydrazine	n/a	<	0.25	µg/L	EPA 625	0.25	1			
2018/19-5	Lab	method blank	6/1/2019	Organic	1,2-Diphenylhydrazine	n/a	<	0.25	µg/L	EPA 625	0.25	1			
2018/19-5	Lab	method blank	6/3/2019	Organic	1,2-Diphenylhydrazine	n/a	<	0.25	µg/L	EPA 625	0.25	1			
2018/19-5	Lab	method blank	6/6/2019	Organic	1,2-Diphenylhydrazine	n/a	<	0.25	µg/L	EPA 625	0.25	1			
2018/19-5	000NONPJ	matrix spike	5/7/2019	Organic	1,3-Dichlorobenzene	n/a	=	12.1	µg/L	EPA 625	0.53	1			
2018/19-5	000NONPJ	matrix spike, rec	5/7/2019	Organic	1,3-Dichlorobenzene	n/a	=	48	%	EPA 625	-88	-88	39	120	
2018/19-5	000NONPJ	matrix spike dup	5/7/2019	Organic	1,3-Dichlorobenzene	n/a	=	13.7	µg/L	EPA 625	0.53	1			
2018/19-5	000NONPJ	matrix spike dup, rec	5/7/2019	Organic	1,3-Dichlorobenzene	n/a	=	55	%	EPA 625	-88	-88	39	120	
2018/19-5	000NONPJ	matrix spike, RPD	5/7/2019	Organic	1,3-Dichlorobenzene	n/a	=	13	%	EPA 625	-88	-88	0	30	
2018/19-5	000NONPJ	matrix spike	6/6/2019	Organic	1,3-Dichlorobenzene	n/a	=	15	µg/L	EPA 625	5.3	10			
2018/19-5	000NONPJ	matrix spike, rec	6/6/2019	Organic	1,3-Dichlorobenzene	n/a	=	60	%	EPA 625	-88	-88	39	120	
2018/19-5	000NONPJ	matrix spike dup	6/6/2019	Organic	1,3-Dichlorobenzene	n/a	=	14.9	µg/L	EPA 625	5.3	10			
2018/19-5	000NONPJ	matrix spike dup, rec	6/6/2019	Organic	1,3-Dichlorobenzene	n/a	=	60	%	EPA 625	-88	-88	39	120	
2018/19-5	000NONPJ	matrix spike, RPD	6/6/2019	Organic	1,3-Dichlorobenzene	n/a	=	0.2	%	EPA 625	-88	-88	0	30	
2018/19-5	Lab	method blank	5/6/2019	Organic	1,3-Dichlorobenzene	n/a	<	0.53	µg/L	EPA 625	0.53	1			

Appendix F
Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2018/19-5	Lab	LCS dup	5/6/2019	Organic	1,3-Dichlorobenzene	n/a	=	13.9	µg/L	EPA 625	0.53	1			
2018/19-5	Lab	LCS dup, rec	5/6/2019	Organic	1,3-Dichlorobenzene	n/a	=	56	%	EPA 625	-88	-88	42	120	
2018/19-5	Lab	LCS, RPD	5/6/2019	Organic	1,3-Dichlorobenzene	n/a	=	17	%	EPA 625	-88	-88	0	30	
2018/19-5	Lab	LCS	5/7/2019	Organic	1,3-Dichlorobenzene	n/a	=	16.5	µg/L	EPA 625	0.53	1			
2018/19-5	Lab	LCS, rec	5/7/2019	Organic	1,3-Dichlorobenzene	n/a	=	66	%	EPA 625	-88	-88	42	120	
2018/19-5	Lab	method blank	5/24/2019	Organic	1,3-Dichlorobenzene	n/a	<	0.53	µg/L	EPA 625	0.53	1			
2018/19-5	Lab	LCS	5/24/2019	Organic	1,3-Dichlorobenzene	n/a	=	17	µg/L	EPA 625	0.53	1			
2018/19-5	Lab	LCS, rec	5/24/2019	Organic	1,3-Dichlorobenzene	n/a	=	68	%	EPA 625	-88	-88	42	120	
2018/19-5	Lab	LCS dup	5/24/2019	Organic	1,3-Dichlorobenzene	n/a	=	20	µg/L	EPA 625	0.53	1			
2018/19-5	Lab	LCS dup, rec	5/24/2019	Organic	1,3-Dichlorobenzene	n/a	=	80	%	EPA 625	-88	-88	42	120	
2018/19-5	Lab	LCS, RPD	5/24/2019	Organic	1,3-Dichlorobenzene	n/a	=	17	%	EPA 625	-88	-88	0	30	
2018/19-5	Lab	method blank	6/1/2019	Organic	1,3-Dichlorobenzene	n/a	<	0.53	µg/L	EPA 625	0.53	1			
2018/19-5	Lab	LCS dup	6/1/2019	Organic	1,3-Dichlorobenzene	n/a	=	15	µg/L	EPA 625	0.53	1			
2018/19-5	Lab	LCS dup, rec	6/1/2019	Organic	1,3-Dichlorobenzene	n/a	=	60	%	EPA 625	-88	-88	42	120	
2018/19-5	Lab	LCS, RPD	6/1/2019	Organic	1,3-Dichlorobenzene	n/a	=	16	%	EPA 625	-88	-88	0	30	
2018/19-5	Lab	LCS	6/1/2019	Organic	1,3-Dichlorobenzene	n/a	=	17.7	µg/L	EPA 625	0.53	1			
2018/19-5	Lab	LCS, rec	6/1/2019	Organic	1,3-Dichlorobenzene	n/a	=	71	%	EPA 625	-88	-88	42	120	
2018/19-5	Lab	method blank	6/3/2019	Organic	1,3-Dichlorobenzene	n/a	<	0.53	µg/L	EPA 625	0.53	1			
2018/19-5	Lab	LCS	6/3/2019	Organic	1,3-Dichlorobenzene	n/a	=	15.8	µg/L	EPA 625	0.53	1			
2018/19-5	Lab	LCS, rec	6/3/2019	Organic	1,3-Dichlorobenzene	n/a	=	63	%	EPA 625	-88	-88	42	120	
2018/19-5	Lab	method blank	6/6/2019	Organic	1,3-Dichlorobenzene	n/a	<	0.53	µg/L	EPA 625	0.53	1			
2018/19-5	Lab	LCS	6/6/2019	Organic	1,3-Dichlorobenzene	n/a	=	15.6	µg/L	EPA 625	0.53	1			
2018/19-5	Lab	LCS, rec	6/6/2019	Organic	1,3-Dichlorobenzene	n/a	=	63	%	EPA 625	-88	-88	42	120	
2018/19-5	000NONPJ	srgt matrix spike	5/6/2019	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	5.11	µg/L	EPA 525.2	-88	-88			
2018/19-5	000NONPJ	srgt matrix spike, rec	5/6/2019	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	102	%	EPA 525.2	-88	-88	70	130	
2018/19-5	000NONPJ	srgt matrix spike dup	5/6/2019	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	5.22	µg/L	EPA 525.2	-88	-88			
2018/19-5	000NONPJ	srgt matrix spike dup, rec	5/6/2019	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	104	%	EPA 525.2	-88	-88	70	130	
2018/19-5	000NONPJ	srgt matrix spike	5/14/2019	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	4.85	µg/L	EPA 525.2	-88	-88			
2018/19-5	000NONPJ	srgt matrix spike, rec	5/14/2019	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	97	%	EPA 525.2	-88	-88	70	130	
2018/19-5	000NONPJ	srgt matrix spike dup	5/14/2019	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	4.85	µg/L	EPA 525.2	-88	-88			
2018/19-5	000NONPJ	srgt matrix spike dup, rec	5/14/2019	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	97	%	EPA 525.2	-88	-88	70	130	
2018/19-5	000NONPJ	srgt matrix spike	5/21/2019	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	0.501	µg/L	EPA 525.2m	-88	-88			
2018/19-5	000NONPJ	srgt matrix spike, rec	5/21/2019	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	100	%	EPA 525.2m	-88	-88	76	128	
2018/19-5	000NONPJ	srgt matrix spike dup	5/21/2019	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	0.481	µg/L	EPA 525.2m	-88	-88			
2018/19-5	000NONPJ	srgt matrix spike dup, rec	5/21/2019	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	96	%	EPA 525.2m	-88	-88	76	128	
2018/19-5	000NONPJ	srgt matrix spike	5/21/2019	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	0.5	µg/L	EPA 525.2m	-88	-88			
2018/19-5	000NONPJ	srgt matrix spike, rec	5/21/2019	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	100	%	EPA 525.2m	-88	-88	76	128	
2018/19-5	000NONPJ	srgt matrix spike dup	5/21/2019	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	0.501	µg/L	EPA 525.2m	-88	-88			
2018/19-5	000NONPJ	srgt matrix spike dup, rec	5/21/2019	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	100	%	EPA 525.2m	-88	-88	76	128	
2018/19-5	000NONPJ	srgt matrix spike	6/3/2019	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	0.49	µg/L	EPA 525.2m	-88	-88			
2018/19-5	000NONPJ	srgt matrix spike, rec	6/3/2019	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	98	%	EPA 525.2m	-88	-88	76	128	
2018/19-5	000NONPJ	srgt matrix spike dup	6/3/2019	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	0.506	µg/L	EPA 525.2m	-88	-88			
2018/19-5	000NONPJ	srgt matrix spike dup, rec	6/3/2019	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	101	%	EPA 525.2m	-88	-88	76	128	
2018/19-5	Lab	srgt method blank	5/6/2019	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	4.53	µg/L	EPA 525.2	-88	-88			
2018/19-5	Lab	srgt method blank, rec	5/6/2019	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	91	%	EPA 525.2	-88	-88	70	130	
2018/19-5	Lab	srgt LCS	5/6/2019	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	4.76	µg/L	EPA 525.2	-88	-88			
2018/19-5	Lab	srgt LCS, rec	5/6/2019	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	95	%	EPA 525.2	-88	-88	70	130	

Appendix F
Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2018/19-5	Lab	srgt LCS	5/14/2019	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	4.84	µg/L	EPA 525.2	-88	-88			
2018/19-5	Lab	srgt LCS, rec	5/14/2019	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	97	%	EPA 525.2	-88	-88	70	130	
2018/19-5	Lab	srgt LCS dup	5/14/2019	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	4.68	µg/L	EPA 525.2	-88	-88			
2018/19-5	Lab	srgt LCS dup, rec	5/14/2019	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	94	%	EPA 525.2	-88	-88	70	130	
2018/19-5	Lab	srgt method blank	5/15/2019	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	4.3	µg/L	EPA 525.2	-88	-88			
2018/19-5	Lab	srgt method blank, rec	5/15/2019	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	86	%	EPA 525.2	-88	-88	70	130	
2018/19-5	Lab	srgt method blank	5/16/2019	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	4.48	µg/L	EPA 525.2	-88	-88			
2018/19-5	Lab	srgt method blank, rec	5/16/2019	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	90	%	EPA 525.2	-88	-88	70	130	
2018/19-5	Lab	srgt LCS	5/16/2019	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	4.52	µg/L	EPA 525.2	-88	-88			
2018/19-5	Lab	srgt LCS, rec	5/16/2019	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	90	%	EPA 525.2	-88	-88	70	130	
2018/19-5	Lab	srgt LCS dup	5/16/2019	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	4.47	µg/L	EPA 525.2	-88	-88			
2018/19-5	Lab	srgt LCS dup, rec	5/16/2019	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	89	%	EPA 525.2	-88	-88	70	130	
2018/19-5	Lab	srgt method blank	5/21/2019	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	0.474	µg/L	EPA 525.2m	-88	-88			
2018/19-5	Lab	srgt method blank, rec	5/21/2019	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	95	%	EPA 525.2m	-88	-88	76	128	
2018/19-5	Lab	srgt LCS	5/21/2019	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	0.501	µg/L	EPA 525.2m	-88	-88			
2018/19-5	Lab	srgt LCS, rec	5/21/2019	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	100	%	EPA 525.2m	-88	-88	76	128	
2018/19-5	Lab	srgt method blank	5/21/2019	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	0.472	µg/L	EPA 525.2m	-88	-88			
2018/19-5	Lab	srgt method blank, rec	5/21/2019	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	94	%	EPA 525.2m	-88	-88	76	128	
2018/19-5	Lab	srgt LCS	5/21/2019	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	0.469	µg/L	EPA 525.2m	-88	-88			
2018/19-5	Lab	srgt LCS, rec	5/21/2019	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	94	%	EPA 525.2m	-88	-88	76	128	
2018/19-5	Lab	srgt method blank	6/3/2019	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	0.501	µg/L	EPA 525.2m	-88	-88			
2018/19-5	Lab	srgt method blank, rec	6/3/2019	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	100	%	EPA 525.2m	-88	-88	76	128	
2018/19-5	Lab	srgt LCS	6/3/2019	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	0.503	µg/L	EPA 525.2m	-88	-88			
2018/19-5	Lab	srgt LCS, rec	6/3/2019	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	101	%	EPA 525.2m	-88	-88	76	128	
2018/19-5	ME-CC	srgt environ	5/17/2019	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	23	µg/L	EPA 525.2	-88	-88			
2018/19-5	ME-CC	srgt environ, rec	5/17/2019	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	92	%	EPA 525.2	-88	-88	70	130	
2018/19-5	ME-CC	srgt environ	6/3/2019	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	0.647	µg/L	EPA 525.2m	-88	-88			GN
2018/19-5	ME-CC	srgt environ, rec	6/3/2019	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	129	%	EPA 525.2m	-88	-88	76	128	GN
2018/19-5	ME-SCR	srgt environ	5/6/2019	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	25.1	µg/L	EPA 525.2	-88	-88			
2018/19-5	ME-SCR	srgt environ, rec	5/6/2019	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	100	%	EPA 525.2	-88	-88	70	130	
2018/19-5	ME-SCR	srgt environ	5/21/2019	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	0.464	µg/L	EPA 525.2m	-88	-88			
2018/19-5	ME-SCR	srgt environ, rec	5/21/2019	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	93	%	EPA 525.2m	-88	-88	76	128	
2018/19-5	ME-VR2	srgt environ	5/15/2019	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	4.93	µg/L	EPA 525.2	-88	-88			
2018/19-5	ME-VR2	srgt environ, rec	5/15/2019	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	99	%	EPA 525.2	-88	-88	70	130	
2018/19-5	ME-VR2	srgt environ	5/22/2019	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	0.501	µg/L	EPA 525.2m	-88	-88			
2018/19-5	ME-VR2	srgt environ, rec	5/22/2019	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	100	%	EPA 525.2m	-88	-88	76	128	
2018/19-5	MO-CAM	srgt environ	5/17/2019	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	4.87	µg/L	EPA 525.2	-88	-88			
2018/19-5	MO-CAM	srgt environ, rec	5/17/2019	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	97	%	EPA 525.2	-88	-88	70	130	
2018/19-5	MO-CAM	srgt environ	5/22/2019	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	0.49	µg/L	EPA 525.2m	-88	-88			
2018/19-5	MO-CAM	srgt environ, rec	5/22/2019	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	98	%	EPA 525.2m	-88	-88	76	128	
2018/19-5	MO-FIL	srgt environ	5/6/2019	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	4.94	µg/L	EPA 525.2	-88	-88			
2018/19-5	MO-FIL	srgt environ, rec	5/6/2019	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	99	%	EPA 525.2	-88	-88	70	130	
2018/19-5	MO-FIL	srgt environ	5/21/2019	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	0.501	µg/L	EPA 525.2m	-88	-88			
2018/19-5	MO-FIL	srgt environ, rec	5/21/2019	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	100	%	EPA 525.2m	-88	-88	76	128	
2018/19-5	MO-HUE	srgt environ	5/15/2019	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	5.67	µg/L	EPA 525.2	-88	-88			
2018/19-5	MO-HUE	srgt environ, rec	5/15/2019	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	113	%	EPA 525.2	-88	-88	70	130	
2018/19-5	MO-HUE	srgt environ	5/22/2019	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	0.584	µg/L	EPA 525.2m	-88	-88			

Appendix F
Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2018/19-5	MO-HUE	srgt environ, rec	5/22/2019	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	117	%	EPA 525.2m	-88	-88	76	128	
2018/19-5	MO-MPK	srgt environ	5/17/2019	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	4.85	µg/L	EPA 525.2	-88	-88			
2018/19-5	MO-MPK	srgt environ, rec	5/17/2019	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	97	%	EPA 525.2	-88	-88	70	130	
2018/19-5	MO-MPK	srgt environ	5/22/2019	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	0.454	µg/L	EPA 525.2m	-88	-88			
2018/19-5	MO-MPK	srgt environ, rec	5/22/2019	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	91	%	EPA 525.2m	-88	-88	76	128	
2018/19-5	MO-OJA	srgt environ	5/15/2019	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	4.94	µg/L	EPA 525.2	-88	-88			
2018/19-5	MO-OJA	srgt environ, rec	5/15/2019	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	99	%	EPA 525.2	-88	-88	70	130	
2018/19-5	MO-OJA	srgt environ	5/22/2019	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	0.651	µg/L	EPA 525.2m	-88	-88			GN
2018/19-5	MO-OJA	srgt environ, rec	5/22/2019	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	130	%	EPA 525.2m	-88	-88	76	128	GN
2018/19-5	MO-SIM	srgt environ	5/16/2019	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	4.77	µg/L	EPA 525.2	-88	-88			
2018/19-5	MO-SIM	srgt environ, rec	5/16/2019	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	95	%	EPA 525.2	-88	-88	70	130	
2018/19-5	MO-SIM	srgt environ	5/22/2019	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	0.497	µg/L	EPA 525.2m	-88	-88			
2018/19-5	MO-SIM	srgt environ, rec	5/22/2019	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	99	%	EPA 525.2m	-88	-88	76	128	
2018/19-5	MO-THO	srgt environ	5/17/2019	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	4.6	µg/L	EPA 525.2	-88	-88			
2018/19-5	MO-THO	srgt environ, rec	5/17/2019	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	92	%	EPA 525.2	-88	-88	70	130	
2018/19-5	MO-THO	srgt environ	5/22/2019	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	0.539	µg/L	EPA 525.2m	-88	-88			
2018/19-5	MO-THO	srgt environ, rec	5/22/2019	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	108	%	EPA 525.2m	-88	-88	76	128	
2018/19-5	MO-VEN	srgt environ	5/6/2019	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	5.48	µg/L	EPA 525.2	-88	-88			
2018/19-5	MO-VEN	srgt environ, rec	5/6/2019	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	110	%	EPA 525.2	-88	-88	70	130	
2018/19-5	MO-VEN	srgt environ	5/22/2019	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	0.522	µg/L	EPA 525.2m	-88	-88			
2018/19-5	MO-VEN	srgt environ, rec	5/22/2019	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	104	%	EPA 525.2m	-88	-88	76	128	
2018/19-5	000NONPJ	matrix spike	5/7/2019	Organic	1,4-Dichlorobenzene	n/a	=	12	µg/L	EPA 625	0.55	1			
2018/19-5	000NONPJ	matrix spike, rec	5/7/2019	Organic	1,4-Dichlorobenzene	n/a	=	48	%	EPA 625	-88	-88	40	120	
2018/19-5	000NONPJ	matrix spike dup	5/7/2019	Organic	1,4-Dichlorobenzene	n/a	=	14	µg/L	EPA 625	0.55	1			
2018/19-5	000NONPJ	matrix spike dup, rec	5/7/2019	Organic	1,4-Dichlorobenzene	n/a	=	56	%	EPA 625	-88	-88	40	120	
2018/19-5	000NONPJ	matrix spike, RPD	5/7/2019	Organic	1,4-Dichlorobenzene	n/a	=	15	%	EPA 625	-88	-88	0	30	
2018/19-5	000NONPJ	matrix spike	6/6/2019	Organic	1,4-Dichlorobenzene	n/a	=	15.4	µg/L	EPA 625	5.5	10			
2018/19-5	000NONPJ	matrix spike, rec	6/6/2019	Organic	1,4-Dichlorobenzene	n/a	=	62	%	EPA 625	-88	-88	40	120	
2018/19-5	000NONPJ	matrix spike dup	6/6/2019	Organic	1,4-Dichlorobenzene	n/a	=	15.4	µg/L	EPA 625	5.5	10			
2018/19-5	000NONPJ	matrix spike dup, rec	6/6/2019	Organic	1,4-Dichlorobenzene	n/a	=	62	%	EPA 625	-88	-88	40	120	
2018/19-5	000NONPJ	matrix spike, RPD	6/6/2019	Organic	1,4-Dichlorobenzene	n/a	=	0.2	%	EPA 625	-88	-88	0	30	
2018/19-5	Lab	method blank	5/6/2019	Organic	1,4-Dichlorobenzene	n/a	<	0.55	µg/L	EPA 625	0.55	1			
2018/19-5	Lab	LCS dup	5/6/2019	Organic	1,4-Dichlorobenzene	n/a	=	14.1	µg/L	EPA 625	0.55	1			
2018/19-5	Lab	LCS dup, rec	5/6/2019	Organic	1,4-Dichlorobenzene	n/a	=	56	%	EPA 625	-88	-88	42	120	
2018/19-5	Lab	LCS, RPD	5/6/2019	Organic	1,4-Dichlorobenzene	n/a	=	17	%	EPA 625	-88	-88	0	30	
2018/19-5	Lab	LCS	5/7/2019	Organic	1,4-Dichlorobenzene	n/a	=	16.7	µg/L	EPA 625	0.55	1			
2018/19-5	Lab	LCS, rec	5/7/2019	Organic	1,4-Dichlorobenzene	n/a	=	67	%	EPA 625	-88	-88	42	120	
2018/19-5	Lab	method blank	5/24/2019	Organic	1,4-Dichlorobenzene	n/a	<	0.55	µg/L	EPA 625	0.55	1			
2018/19-5	Lab	LCS	5/24/2019	Organic	1,4-Dichlorobenzene	n/a	=	17.1	µg/L	EPA 625	0.55	1			
2018/19-5	Lab	LCS, rec	5/24/2019	Organic	1,4-Dichlorobenzene	n/a	=	68	%	EPA 625	-88	-88	42	120	
2018/19-5	Lab	LCS dup	5/24/2019	Organic	1,4-Dichlorobenzene	n/a	=	20.1	µg/L	EPA 625	0.55	1			
2018/19-5	Lab	LCS dup, rec	5/24/2019	Organic	1,4-Dichlorobenzene	n/a	=	80	%	EPA 625	-88	-88	42	120	
2018/19-5	Lab	LCS, RPD	5/24/2019	Organic	1,4-Dichlorobenzene	n/a	=	16	%	EPA 625	-88	-88	0	30	
2018/19-5	Lab	method blank	6/1/2019	Organic	1,4-Dichlorobenzene	n/a	<	0.55	µg/L	EPA 625	0.55	1			
2018/19-5	Lab	LCS dup	6/1/2019	Organic	1,4-Dichlorobenzene	n/a	=	15.1	µg/L	EPA 625	0.55	1			
2018/19-5	Lab	LCS dup, rec	6/1/2019	Organic	1,4-Dichlorobenzene	n/a	=	60	%	EPA 625	-88	-88	42	120	
2018/19-5	Lab	LCS, RPD	6/1/2019	Organic	1,4-Dichlorobenzene	n/a	=	15	%	EPA 625	-88	-88	0	30	

Appendix F
Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2018/19-5	Lab	LCS	6/1/2019	Organic	1,4-Dichlorobenzene	n/a	=	17.5	µg/L	EPA 625	0.55	1			
2018/19-5	Lab	LCS, rec	6/1/2019	Organic	1,4-Dichlorobenzene	n/a	=	70	%	EPA 625	-88	-88	42	120	
2018/19-5	Lab	method blank	6/3/2019	Organic	1,4-Dichlorobenzene	n/a	<	0.55	µg/L	EPA 625	0.55	1			
2018/19-5	Lab	LCS	6/3/2019	Organic	1,4-Dichlorobenzene	n/a	=	15.7	µg/L	EPA 625	0.55	1			
2018/19-5	Lab	LCS, rec	6/3/2019	Organic	1,4-Dichlorobenzene	n/a	=	63	%	EPA 625	-88	-88	42	120	
2018/19-5	Lab	method blank	6/6/2019	Organic	1,4-Dichlorobenzene	n/a	<	0.55	µg/L	EPA 625	0.55	1			
2018/19-5	Lab	LCS	6/6/2019	Organic	1,4-Dichlorobenzene	n/a	=	16	µg/L	EPA 625	0.55	1			
2018/19-5	Lab	LCS, rec	6/6/2019	Organic	1,4-Dichlorobenzene	n/a	=	64	%	EPA 625	-88	-88	42	120	
2018/19-5	Lab	method blank	6/7/2019	Organic	1-Methylnaphthalene	n/a	<	0.1	µg/L	EPA 8270C	0.1	0.1			
2018/19-5	Lab	method blank	6/8/2019	Organic	1-Methylnaphthalene	n/a	<	0.1	µg/L	EPA 8270C	0.1	0.1			
2018/19-5	Lab	method blank	5/21/2019	Organic	2,4,5-Trichlorophenol	n/a	<	0.29	µg/L	EPA 8270C	0.29	1			
2018/19-5	Lab	method blank	5/22/2019	Organic	2,4,5-Trichlorophenol	n/a	<	0.29	µg/L	EPA 8270C	0.29	1			
2018/19-5	000NONPJ	srgt matrix spike	5/7/2019	Organic	2,4,6-Tribromophenol	n/a	=	42.9	µg/L	EPA 625	-88	-88			
2018/19-5	000NONPJ	srgt matrix spike, rec	5/7/2019	Organic	2,4,6-Tribromophenol	n/a	=	86	%	EPA 625	-88	-88	37	120	
2018/19-5	000NONPJ	srgt matrix spike dup	5/7/2019	Organic	2,4,6-Tribromophenol	n/a	=	48.6	µg/L	EPA 625	-88	-88			
2018/19-5	000NONPJ	srgt matrix spike dup, rec	5/7/2019	Organic	2,4,6-Tribromophenol	n/a	=	97	%	EPA 625	-88	-88	37	120	
2018/19-5	000NONPJ	srgt matrix spike	6/6/2019	Organic	2,4,6-Tribromophenol	n/a	=	38.2	µg/L	EPA 625	-88	-88			
2018/19-5	000NONPJ	srgt matrix spike, rec	6/6/2019	Organic	2,4,6-Tribromophenol	n/a	=	76	%	EPA 625	-88	-88	37	120	
2018/19-5	000NONPJ	srgt matrix spike dup	6/6/2019	Organic	2,4,6-Tribromophenol	n/a	=	35.6	µg/L	EPA 625	-88	-88			
2018/19-5	000NONPJ	srgt matrix spike dup, rec	6/6/2019	Organic	2,4,6-Tribromophenol	n/a	=	71	%	EPA 625	-88	-88	37	120	
2018/19-5	Lab	srgt method blank	5/6/2019	Organic	2,4,6-Tribromophenol	n/a	=	37.8	µg/L	EPA 625	-88	-88			
2018/19-5	Lab	srgt method blank, rec	5/6/2019	Organic	2,4,6-Tribromophenol	n/a	=	76	%	EPA 625	-88	-88	37	120	
2018/19-5	Lab	srgt LCS dup	5/6/2019	Organic	2,4,6-Tribromophenol	n/a	=	51	µg/L	EPA 625	-88	-88			
2018/19-5	Lab	srgt LCS dup, rec	5/6/2019	Organic	2,4,6-Tribromophenol	n/a	=	102	%	EPA 625	-88	-88	37	120	
2018/19-5	Lab	srgt LCS	5/7/2019	Organic	2,4,6-Tribromophenol	n/a	=	56.3	µg/L	EPA 625	-88	-88			
2018/19-5	Lab	srgt LCS, rec	5/7/2019	Organic	2,4,6-Tribromophenol	n/a	=	113	%	EPA 625	-88	-88	37	120	
2018/19-5	Lab	srgt method blank	5/21/2019	Organic	2,4,6-Tribromophenol	n/a	=	5.03	µg/L	EPA 8270C	-88	-88			
2018/19-5	Lab	srgt method blank, rec	5/21/2019	Organic	2,4,6-Tribromophenol	n/a	=	50	%	EPA 8270C	-88	-88	26	117	
2018/19-5	Lab	srgt LCS	5/21/2019	Organic	2,4,6-Tribromophenol	n/a	=	8.88	µg/L	EPA 8270C	-88	-88			
2018/19-5	Lab	srgt LCS, rec	5/21/2019	Organic	2,4,6-Tribromophenol	n/a	=	89	%	EPA 8270C	-88	-88	26	117	
2018/19-5	Lab	srgt LCS dup	5/21/2019	Organic	2,4,6-Tribromophenol	n/a	=	7.92	µg/L	EPA 8270C	-88	-88			
2018/19-5	Lab	srgt LCS dup, rec	5/21/2019	Organic	2,4,6-Tribromophenol	n/a	=	79	%	EPA 8270C	-88	-88	26	117	
2018/19-5	Lab	srgt method blank	5/22/2019	Organic	2,4,6-Tribromophenol	n/a	=	7.03	µg/L	EPA 8270C	-88	-88			
2018/19-5	Lab	srgt method blank, rec	5/22/2019	Organic	2,4,6-Tribromophenol	n/a	=	70	%	EPA 8270C	-88	-88	26	117	
2018/19-5	Lab	srgt LCS	5/22/2019	Organic	2,4,6-Tribromophenol	n/a	=	9.23	µg/L	EPA 8270C	-88	-88			
2018/19-5	Lab	srgt LCS, rec	5/22/2019	Organic	2,4,6-Tribromophenol	n/a	=	92	%	EPA 8270C	-88	-88	26	117	
2018/19-5	Lab	srgt LCS dup	5/22/2019	Organic	2,4,6-Tribromophenol	n/a	=	9.26	µg/L	EPA 8270C	-88	-88			
2018/19-5	Lab	srgt LCS dup, rec	5/22/2019	Organic	2,4,6-Tribromophenol	n/a	=	93	%	EPA 8270C	-88	-88	26	117	
2018/19-5	Lab	srgt method blank	5/24/2019	Organic	2,4,6-Tribromophenol	n/a	=	31.1	µg/L	EPA 625	-88	-88			
2018/19-5	Lab	srgt method blank, rec	5/24/2019	Organic	2,4,6-Tribromophenol	n/a	=	62	%	EPA 625	-88	-88	37	120	
2018/19-5	Lab	srgt LCS	5/24/2019	Organic	2,4,6-Tribromophenol	n/a	=	41.5	µg/L	EPA 625	-88	-88			
2018/19-5	Lab	srgt LCS, rec	5/24/2019	Organic	2,4,6-Tribromophenol	n/a	=	83	%	EPA 625	-88	-88	37	120	
2018/19-5	Lab	srgt LCS dup	5/24/2019	Organic	2,4,6-Tribromophenol	n/a	=	42.7	µg/L	EPA 625	-88	-88			
2018/19-5	Lab	srgt LCS dup, rec	5/24/2019	Organic	2,4,6-Tribromophenol	n/a	=	85	%	EPA 625	-88	-88	37	120	
2018/19-5	Lab	srgt method blank	6/1/2019	Organic	2,4,6-Tribromophenol	n/a	=	31	µg/L	EPA 625	-88	-88			
2018/19-5	Lab	srgt method blank, rec	6/1/2019	Organic	2,4,6-Tribromophenol	n/a	=	62	%	EPA 625	-88	-88	37	120	
2018/19-5	Lab	srgt LCS dup	6/1/2019	Organic	2,4,6-Tribromophenol	n/a	=	40.1	µg/L	EPA 625	-88	-88			

Appendix F
Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2018/19-5	Lab	srgt LCS dup, rec	6/1/2019	Organic	2,4,6-Tribromophenol	n/a	=	80	%	EPA 625	-88	-88	37	120	
2018/19-5	Lab	srgt LCS	6/1/2019	Organic	2,4,6-Tribromophenol	n/a	=	43.8	µg/L	EPA 625	-88	-88			
2018/19-5	Lab	srgt LCS, rec	6/1/2019	Organic	2,4,6-Tribromophenol	n/a	=	88	%	EPA 625	-88	-88	37	120	
2018/19-5	Lab	srgt method blank	6/3/2019	Organic	2,4,6-Tribromophenol	n/a	=	31.2	µg/L	EPA 625	-88	-88			
2018/19-5	Lab	srgt method blank, rec	6/3/2019	Organic	2,4,6-Tribromophenol	n/a	=	62	%	EPA 625	-88	-88	37	120	
2018/19-5	Lab	srgt LCS	6/3/2019	Organic	2,4,6-Tribromophenol	n/a	=	37.3	µg/L	EPA 625	-88	-88			
2018/19-5	Lab	srgt LCS, rec	6/3/2019	Organic	2,4,6-Tribromophenol	n/a	=	75	%	EPA 625	-88	-88	37	120	
2018/19-5	Lab	srgt method blank	6/6/2019	Organic	2,4,6-Tribromophenol	n/a	=	32.4	µg/L	EPA 625	-88	-88			
2018/19-5	Lab	srgt method blank, rec	6/6/2019	Organic	2,4,6-Tribromophenol	n/a	=	65	%	EPA 625	-88	-88	37	120	
2018/19-5	Lab	srgt LCS	6/6/2019	Organic	2,4,6-Tribromophenol	n/a	=	39.5	µg/L	EPA 625	-88	-88			
2018/19-5	Lab	srgt LCS, rec	6/6/2019	Organic	2,4,6-Tribromophenol	n/a	=	79	%	EPA 625	-88	-88	37	120	
2018/19-5	Lab	srgt method blank	6/6/2019	Organic	2,4,6-Tribromophenol	n/a	=	28.5	µg/L	EPA 625	-88	-88			
2018/19-5	Lab	srgt method blank, rec	6/6/2019	Organic	2,4,6-Tribromophenol	n/a	=	57	%	EPA 625	-88	-88	37	120	
2018/19-5	Lab	srgt LCS	6/6/2019	Organic	2,4,6-Tribromophenol	n/a	=	37.9	µg/L	EPA 625	-88	-88			
2018/19-5	Lab	srgt LCS, rec	6/6/2019	Organic	2,4,6-Tribromophenol	n/a	=	76	%	EPA 625	-88	-88	37	120	
2018/19-5	Lab	srgt LCS dup	6/6/2019	Organic	2,4,6-Tribromophenol	n/a	=	42.4	µg/L	EPA 625	-88	-88			
2018/19-5	Lab	srgt LCS dup, rec	6/6/2019	Organic	2,4,6-Tribromophenol	n/a	=	85	%	EPA 625	-88	-88	37	120	
2018/19-5	ME-CC	srgt environ	5/22/2019	Organic	2,4,6-Tribromophenol	n/a	=	7.81	µg/L	EPA 8270C	-88	-88			
2018/19-5	ME-CC	srgt environ, rec	5/22/2019	Organic	2,4,6-Tribromophenol	n/a	=	78	%	EPA 8270C	-88	-88	26	117	
2018/19-5	ME-CC	srgt environ	5/24/2019	Organic	2,4,6-Tribromophenol	n/a	=	33.6	µg/L	EPA 625	-88	-88			
2018/19-5	ME-CC	srgt environ, rec	5/24/2019	Organic	2,4,6-Tribromophenol	n/a	=	67	%	EPA 625	-88	-88	37	120	
2018/19-5	ME-SCR	srgt environ	5/21/2019	Organic	2,4,6-Tribromophenol	n/a	=	6.4	µg/L	EPA 8270C	-88	-88			
2018/19-5	ME-SCR	srgt environ, rec	5/21/2019	Organic	2,4,6-Tribromophenol	n/a	=	64	%	EPA 8270C	-88	-88	26	117	
2018/19-5	ME-SCR	srgt environ	6/1/2019	Organic	2,4,6-Tribromophenol	n/a	=	36.6	µg/L	EPA 625	-88	-88			
2018/19-5	ME-SCR	srgt environ, rec	6/1/2019	Organic	2,4,6-Tribromophenol	n/a	=	73	%	EPA 625	-88	-88	37	120	
2018/19-5	ME-VR2	srgt environ	5/22/2019	Organic	2,4,6-Tribromophenol	n/a	=	8.19	µg/L	EPA 8270C	-88	-88			
2018/19-5	ME-VR2	srgt environ, rec	5/22/2019	Organic	2,4,6-Tribromophenol	n/a	=	82	%	EPA 8270C	-88	-88	26	117	
2018/19-5	ME-VR2	srgt environ	6/3/2019	Organic	2,4,6-Tribromophenol	n/a	=	36.7	µg/L	EPA 625	-88	-88			
2018/19-5	ME-VR2	srgt environ, rec	6/3/2019	Organic	2,4,6-Tribromophenol	n/a	=	73	%	EPA 625	-88	-88	37	120	
2018/19-5	MO-CAM	srgt environ	5/22/2019	Organic	2,4,6-Tribromophenol	n/a	=	6.42	µg/L	EPA 8270C	-88	-88			
2018/19-5	MO-CAM	srgt environ, rec	5/22/2019	Organic	2,4,6-Tribromophenol	n/a	=	64	%	EPA 8270C	-88	-88	26	117	
2018/19-5	MO-CAM	srgt environ	5/24/2019	Organic	2,4,6-Tribromophenol	n/a	=	27.3	µg/L	EPA 625	-88	-88			
2018/19-5	MO-CAM	srgt environ, rec	5/24/2019	Organic	2,4,6-Tribromophenol	n/a	=	55	%	EPA 625	-88	-88	37	120	
2018/19-5	MO-FIL	srgt environ	5/21/2019	Organic	2,4,6-Tribromophenol	n/a	=	7.34	µg/L	EPA 8270C	-88	-88			
2018/19-5	MO-FIL	srgt environ, rec	5/21/2019	Organic	2,4,6-Tribromophenol	n/a	=	73	%	EPA 8270C	-88	-88	26	117	
2018/19-5	MO-FIL	srgt environ	6/1/2019	Organic	2,4,6-Tribromophenol	n/a	=	34.1	µg/L	EPA 625	-88	-88			
2018/19-5	MO-FIL	srgt environ, rec	6/1/2019	Organic	2,4,6-Tribromophenol	n/a	=	68	%	EPA 625	-88	-88	37	120	
2018/19-5	MO-HUE	srgt environ	5/22/2019	Organic	2,4,6-Tribromophenol	n/a	=	7.54	µg/L	EPA 8270C	-88	-88			
2018/19-5	MO-HUE	srgt environ, rec	5/22/2019	Organic	2,4,6-Tribromophenol	n/a	=	75	%	EPA 8270C	-88	-88	26	117	
2018/19-5	MO-HUE	srgt environ	6/3/2019	Organic	2,4,6-Tribromophenol	n/a	=	34.1	µg/L	EPA 625	-88	-88			
2018/19-5	MO-HUE	srgt environ, rec	6/3/2019	Organic	2,4,6-Tribromophenol	n/a	=	68	%	EPA 625	-88	-88	37	120	
2018/19-5	MO-MPK	srgt environ	5/22/2019	Organic	2,4,6-Tribromophenol	n/a	=	6.43	µg/L	EPA 8270C	-88	-88			
2018/19-5	MO-MPK	srgt environ, rec	5/22/2019	Organic	2,4,6-Tribromophenol	n/a	=	64	%	EPA 8270C	-88	-88	26	117	
2018/19-5	MO-MPK	srgt environ	5/24/2019	Organic	2,4,6-Tribromophenol	n/a	=	34.9	µg/L	EPA 625	-88	-88			
2018/19-5	MO-MPK	srgt environ, rec	5/24/2019	Organic	2,4,6-Tribromophenol	n/a	=	70	%	EPA 625	-88	-88	37	120	
2018/19-5	MO-OJA	srgt environ	5/22/2019	Organic	2,4,6-Tribromophenol	n/a	=	6.64	µg/L	EPA 8270C	-88	-88			
2018/19-5	MO-OJA	srgt environ, rec	5/22/2019	Organic	2,4,6-Tribromophenol	n/a	=	66	%	EPA 8270C	-88	-88	26	117	

Appendix F
Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2018/19-5	MO-OJA	srgt environ	6/3/2019	Organic	2,4,6-Tribromophenol	n/a	=	33.1	µg/L	EPA 625	-88	-88			
2018/19-5	MO-OJA	srgt environ, rec	6/3/2019	Organic	2,4,6-Tribromophenol	n/a	=	66	%	EPA 625	-88	-88	37	120	
2018/19-5	MO-SIM	srgt environ	5/22/2019	Organic	2,4,6-Tribromophenol	n/a	=	7.84	µg/L	EPA 8270C	-88	-88			
2018/19-5	MO-SIM	srgt environ, rec	5/22/2019	Organic	2,4,6-Tribromophenol	n/a	=	78	%	EPA 8270C	-88	-88	26	117	
2018/19-5	MO-SIM	srgt environ	5/24/2019	Organic	2,4,6-Tribromophenol	n/a	=	4.7	µg/L	EPA 625	-88	-88			GN
2018/19-5	MO-SIM	srgt environ, rec	5/24/2019	Organic	2,4,6-Tribromophenol	n/a	=	9	%	EPA 625	-88	-88	37	120	GN
2018/19-5	MO-THO	srgt environ	5/22/2019	Organic	2,4,6-Tribromophenol	n/a	=	8.81	µg/L	EPA 8270C	-88	-88			
2018/19-5	MO-THO	srgt environ, rec	5/22/2019	Organic	2,4,6-Tribromophenol	n/a	=	88	%	EPA 8270C	-88	-88	26	117	
2018/19-5	MO-THO	srgt environ	5/24/2019	Organic	2,4,6-Tribromophenol	n/a	=	35.9	µg/L	EPA 625	-88	-88			
2018/19-5	MO-THO	srgt environ, rec	5/24/2019	Organic	2,4,6-Tribromophenol	n/a	=	72	%	EPA 625	-88	-88	37	120	
2018/19-5	MO-VEN	srgt environ	5/21/2019	Organic	2,4,6-Tribromophenol	n/a	=	1.56	µg/L	EPA 8270C	-88	-88			GN
2018/19-5	MO-VEN	srgt environ, rec	5/21/2019	Organic	2,4,6-Tribromophenol	n/a	=	16	%	EPA 8270C	-88	-88	26	117	GN
2018/19-5	MO-VEN	srgt environ	6/1/2019	Organic	2,4,6-Tribromophenol	n/a	=	9.77	µg/L	EPA 625	-88	-88			GN
2018/19-5	MO-VEN	srgt environ, rec	6/1/2019	Organic	2,4,6-Tribromophenol	n/a	=	20	%	EPA 625	-88	-88	37	120	GN
2018/19-5	000NONPJ	matrix spike	5/7/2019	Organic	2,4,6-Trichlorophenol	n/a	=	13.7	µg/L	EPA 625	0.22	1			
2018/19-5	000NONPJ	matrix spike, rec	5/7/2019	Organic	2,4,6-Trichlorophenol	n/a	=	55	%	EPA 625	-88	-88	37	130	
2018/19-5	000NONPJ	matrix spike dup	5/7/2019	Organic	2,4,6-Trichlorophenol	n/a	=	15.6	µg/L	EPA 625	0.22	1			
2018/19-5	000NONPJ	matrix spike dup, rec	5/7/2019	Organic	2,4,6-Trichlorophenol	n/a	=	62	%	EPA 625	-88	-88	37	130	
2018/19-5	000NONPJ	matrix spike, RPD	5/7/2019	Organic	2,4,6-Trichlorophenol	n/a	=	12	%	EPA 625	-88	-88	0	30	
2018/19-5	000NONPJ	matrix spike	6/6/2019	Organic	2,4,6-Trichlorophenol	n/a	=	15.4	µg/L	EPA 625	2.2	10			
2018/19-5	000NONPJ	matrix spike, rec	6/6/2019	Organic	2,4,6-Trichlorophenol	n/a	=	62	%	EPA 625	-88	-88	37	130	
2018/19-5	000NONPJ	matrix spike dup	6/6/2019	Organic	2,4,6-Trichlorophenol	n/a	=	16.7	µg/L	EPA 625	2.2	10			
2018/19-5	000NONPJ	matrix spike dup, rec	6/6/2019	Organic	2,4,6-Trichlorophenol	n/a	=	67	%	EPA 625	-88	-88	37	130	
2018/19-5	000NONPJ	matrix spike, RPD	6/6/2019	Organic	2,4,6-Trichlorophenol	n/a	=	8	%	EPA 625	-88	-88	0	30	
2018/19-5	Lab	method blank	5/6/2019	Organic	2,4,6-Trichlorophenol	n/a	<	0.22	µg/L	EPA 625	0.22	1			
2018/19-5	Lab	LCS dup	5/6/2019	Organic	2,4,6-Trichlorophenol	n/a	=	15	µg/L	EPA 625	0.22	1			
2018/19-5	Lab	LCS dup, rec	5/6/2019	Organic	2,4,6-Trichlorophenol	n/a	=	60	%	EPA 625	-88	-88	46	130	
2018/19-5	Lab	LCS, RPD	5/6/2019	Organic	2,4,6-Trichlorophenol	n/a	=	24	%	EPA 625	-88	-88	0	30	
2018/19-5	Lab	LCS	5/7/2019	Organic	2,4,6-Trichlorophenol	n/a	=	19.2	µg/L	EPA 625	0.22	1			
2018/19-5	Lab	LCS, rec	5/7/2019	Organic	2,4,6-Trichlorophenol	n/a	=	77	%	EPA 625	-88	-88	46	130	
2018/19-5	Lab	method blank	5/21/2019	Organic	2,4,6-Trichlorophenol	n/a	<	0.3	µg/L	EPA 8270C	0.3	1			
2018/19-5	Lab	LCS	5/21/2019	Organic	2,4,6-Trichlorophenol	n/a	=	8.5	µg/L	EPA 8270C	0.3	1			
2018/19-5	Lab	LCS, rec	5/21/2019	Organic	2,4,6-Trichlorophenol	n/a	=	85	%	EPA 8270C	-88	-88	30	115	
2018/19-5	Lab	LCS dup	5/21/2019	Organic	2,4,6-Trichlorophenol	n/a	=	7.5	µg/L	EPA 8270C	0.3	1			
2018/19-5	Lab	LCS dup, rec	5/21/2019	Organic	2,4,6-Trichlorophenol	n/a	=	75	%	EPA 8270C	-88	-88	30	115	
2018/19-5	Lab	LCS, RPD	5/21/2019	Organic	2,4,6-Trichlorophenol	n/a	=	12	%	EPA 8270C	-88	-88	0	30	
2018/19-5	Lab	method blank	5/22/2019	Organic	2,4,6-Trichlorophenol	n/a	<	0.3	µg/L	EPA 8270C	0.3	1			
2018/19-5	Lab	LCS	5/22/2019	Organic	2,4,6-Trichlorophenol	n/a	=	9.26	µg/L	EPA 8270C	0.3	1			
2018/19-5	Lab	LCS, rec	5/22/2019	Organic	2,4,6-Trichlorophenol	n/a	=	93	%	EPA 8270C	-88	-88	30	115	
2018/19-5	Lab	LCS dup	5/22/2019	Organic	2,4,6-Trichlorophenol	n/a	=	8.65	µg/L	EPA 8270C	0.3	1			
2018/19-5	Lab	LCS dup, rec	5/22/2019	Organic	2,4,6-Trichlorophenol	n/a	=	87	%	EPA 8270C	-88	-88	30	115	
2018/19-5	Lab	LCS, RPD	5/22/2019	Organic	2,4,6-Trichlorophenol	n/a	=	7	%	EPA 8270C	-88	-88	0	30	
2018/19-5	Lab	method blank	5/24/2019	Organic	2,4,6-Trichlorophenol	n/a	<	0.22	µg/L	EPA 625	0.22	1			
2018/19-5	Lab	LCS	5/24/2019	Organic	2,4,6-Trichlorophenol	n/a	=	19.7	µg/L	EPA 625	0.22	1			
2018/19-5	Lab	LCS, rec	5/24/2019	Organic	2,4,6-Trichlorophenol	n/a	=	79	%	EPA 625	-88	-88	46	130	
2018/19-5	Lab	LCS dup	5/24/2019	Organic	2,4,6-Trichlorophenol	n/a	=	21.9	µg/L	EPA 625	0.22	1			
2018/19-5	Lab	LCS dup, rec	5/24/2019	Organic	2,4,6-Trichlorophenol	n/a	=	88	%	EPA 625	-88	-88	46	130	

Appendix F
Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2018/19-5	Lab	LCS, RPD	5/24/2019	Organic	2,4,6-Trichlorophenol	n/a	=	11	%	EPA 625	-88	-88	0	30	
2018/19-5	Lab	method blank	6/1/2019	Organic	2,4,6-Trichlorophenol	n/a	<	0.22	µg/L	EPA 625	0.22	1			
2018/19-5	Lab	LCS dup	6/1/2019	Organic	2,4,6-Trichlorophenol	n/a	=	17.3	µg/L	EPA 625	0.22	1			
2018/19-5	Lab	LCS dup, rec	6/1/2019	Organic	2,4,6-Trichlorophenol	n/a	=	69	%	EPA 625	-88	-88	46	130	
2018/19-5	Lab	LCS, RPD	6/1/2019	Organic	2,4,6-Trichlorophenol	n/a	=	22	%	EPA 625	-88	-88	0	30	
2018/19-5	Lab	LCS	6/1/2019	Organic	2,4,6-Trichlorophenol	n/a	=	21.6	µg/L	EPA 625	0.22	1			
2018/19-5	Lab	LCS, rec	6/1/2019	Organic	2,4,6-Trichlorophenol	n/a	=	86	%	EPA 625	-88	-88	46	130	
2018/19-5	Lab	method blank	6/3/2019	Organic	2,4,6-Trichlorophenol	n/a	<	0.22	µg/L	EPA 625	0.22	1			
2018/19-5	Lab	LCS	6/3/2019	Organic	2,4,6-Trichlorophenol	n/a	=	17.7	µg/L	EPA 625	0.22	1			
2018/19-5	Lab	LCS, rec	6/3/2019	Organic	2,4,6-Trichlorophenol	n/a	=	71	%	EPA 625	-88	-88	46	130	
2018/19-5	Lab	method blank	6/6/2019	Organic	2,4,6-Trichlorophenol	n/a	<	0.22	µg/L	EPA 625	0.22	1			
2018/19-5	Lab	LCS	6/6/2019	Organic	2,4,6-Trichlorophenol	n/a	=	17.7	µg/L	EPA 625	0.22	1			
2018/19-5	Lab	LCS, rec	6/6/2019	Organic	2,4,6-Trichlorophenol	n/a	=	71	%	EPA 625	-88	-88	46	130	
2018/19-5	000NONPJ	matrix spike	5/7/2019	Organic	2,4-Dichlorophenol	n/a	=	13.7	µg/L	EPA 625	0.26	1			
2018/19-5	000NONPJ	matrix spike, rec	5/7/2019	Organic	2,4-Dichlorophenol	n/a	=	55	%	EPA 625	-88	-88	43	130	
2018/19-5	000NONPJ	matrix spike dup	5/7/2019	Organic	2,4-Dichlorophenol	n/a	=	15.8	µg/L	EPA 625	0.26	1			
2018/19-5	000NONPJ	matrix spike dup, rec	5/7/2019	Organic	2,4-Dichlorophenol	n/a	=	63	%	EPA 625	-88	-88	43	130	
2018/19-5	000NONPJ	matrix spike, RPD	5/7/2019	Organic	2,4-Dichlorophenol	n/a	=	14	%	EPA 625	-88	-88	0	30	
2018/19-5	000NONPJ	matrix spike	6/6/2019	Organic	2,4-Dichlorophenol	n/a	=	15.8	µg/L	EPA 625	2.6	10			
2018/19-5	000NONPJ	matrix spike, rec	6/6/2019	Organic	2,4-Dichlorophenol	n/a	=	63	%	EPA 625	-88	-88	43	130	
2018/19-5	000NONPJ	matrix spike dup	6/6/2019	Organic	2,4-Dichlorophenol	n/a	=	15.1	µg/L	EPA 625	2.6	10			
2018/19-5	000NONPJ	matrix spike dup, rec	6/6/2019	Organic	2,4-Dichlorophenol	n/a	=	60	%	EPA 625	-88	-88	43	130	
2018/19-5	000NONPJ	matrix spike, RPD	6/6/2019	Organic	2,4-Dichlorophenol	n/a	=	5	%	EPA 625	-88	-88	0	30	
2018/19-5	Lab	method blank	5/6/2019	Organic	2,4-Dichlorophenol	n/a	<	0.26	µg/L	EPA 625	0.26	1			
2018/19-5	Lab	LCS dup	5/6/2019	Organic	2,4-Dichlorophenol	n/a	=	15.1	µg/L	EPA 625	0.26	1			
2018/19-5	Lab	LCS dup, rec	5/6/2019	Organic	2,4-Dichlorophenol	n/a	=	61	%	EPA 625	-88	-88	45	130	
2018/19-5	Lab	LCS, RPD	5/6/2019	Organic	2,4-Dichlorophenol	n/a	=	21	%	EPA 625	-88	-88	0	30	
2018/19-5	Lab	LCS	5/7/2019	Organic	2,4-Dichlorophenol	n/a	=	18.8	µg/L	EPA 625	0.26	1			
2018/19-5	Lab	LCS, rec	5/7/2019	Organic	2,4-Dichlorophenol	n/a	=	75	%	EPA 625	-88	-88	45	130	
2018/19-5	Lab	method blank	5/21/2019	Organic	2,4-Dichlorophenol	n/a	<	0.51	µg/L	EPA 8270C	0.51	1			
2018/19-5	Lab	LCS	5/21/2019	Organic	2,4-Dichlorophenol	n/a	=	7.32	µg/L	EPA 8270C	0.51	1			
2018/19-5	Lab	LCS, rec	5/21/2019	Organic	2,4-Dichlorophenol	n/a	=	73	%	EPA 8270C	-88	-88	32	105	
2018/19-5	Lab	LCS dup	5/21/2019	Organic	2,4-Dichlorophenol	n/a	=	6.65	µg/L	EPA 8270C	0.51	1			
2018/19-5	Lab	LCS dup, rec	5/21/2019	Organic	2,4-Dichlorophenol	n/a	=	66	%	EPA 8270C	-88	-88	32	105	
2018/19-5	Lab	LCS, RPD	5/21/2019	Organic	2,4-Dichlorophenol	n/a	=	10	%	EPA 8270C	-88	-88	0	30	
2018/19-5	Lab	method blank	5/22/2019	Organic	2,4-Dichlorophenol	n/a	<	0.51	µg/L	EPA 8270C	0.51	1			
2018/19-5	Lab	LCS	5/22/2019	Organic	2,4-Dichlorophenol	n/a	=	7.89	µg/L	EPA 8270C	0.51	1			
2018/19-5	Lab	LCS, rec	5/22/2019	Organic	2,4-Dichlorophenol	n/a	=	79	%	EPA 8270C	-88	-88	32	105	
2018/19-5	Lab	LCS dup	5/22/2019	Organic	2,4-Dichlorophenol	n/a	=	7.03	µg/L	EPA 8270C	0.51	1			
2018/19-5	Lab	LCS dup, rec	5/22/2019	Organic	2,4-Dichlorophenol	n/a	=	70	%	EPA 8270C	-88	-88	32	105	
2018/19-5	Lab	LCS, RPD	5/22/2019	Organic	2,4-Dichlorophenol	n/a	=	12	%	EPA 8270C	-88	-88	0	30	
2018/19-5	Lab	method blank	5/24/2019	Organic	2,4-Dichlorophenol	n/a	<	0.26	µg/L	EPA 625	0.26	1			
2018/19-5	Lab	LCS	5/24/2019	Organic	2,4-Dichlorophenol	n/a	=	19.2	µg/L	EPA 625	0.26	1			
2018/19-5	Lab	LCS, rec	5/24/2019	Organic	2,4-Dichlorophenol	n/a	=	77	%	EPA 625	-88	-88	45	130	
2018/19-5	Lab	LCS dup	5/24/2019	Organic	2,4-Dichlorophenol	n/a	=	21.8	µg/L	EPA 625	0.26	1			
2018/19-5	Lab	LCS dup, rec	5/24/2019	Organic	2,4-Dichlorophenol	n/a	=	87	%	EPA 625	-88	-88	45	130	
2018/19-5	Lab	LCS, RPD	5/24/2019	Organic	2,4-Dichlorophenol	n/a	=	13	%	EPA 625	-88	-88	0	30	

Appendix F
Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2018/19-5	Lab	method blank	6/1/2019	Organic	2,4-Dichlorophenol	n/a	<	0.26	µg/L	EPA 625	0.26	1			
2018/19-5	Lab	LCS dup	6/1/2019	Organic	2,4-Dichlorophenol	n/a	=	16.6	µg/L	EPA 625	0.26	1			
2018/19-5	Lab	LCS dup, rec	6/1/2019	Organic	2,4-Dichlorophenol	n/a	=	66	%	EPA 625	-88	-88	45	130	
2018/19-5	Lab	LCS, RPD	6/1/2019	Organic	2,4-Dichlorophenol	n/a	=	20	%	EPA 625	-88	-88	0	30	
2018/19-5	Lab	LCS	6/1/2019	Organic	2,4-Dichlorophenol	n/a	=	20.2	µg/L	EPA 625	0.26	1			
2018/19-5	Lab	LCS, rec	6/1/2019	Organic	2,4-Dichlorophenol	n/a	=	81	%	EPA 625	-88	-88	45	130	
2018/19-5	Lab	method blank	6/3/2019	Organic	2,4-Dichlorophenol	n/a	<	0.26	µg/L	EPA 625	0.26	1			
2018/19-5	Lab	LCS	6/3/2019	Organic	2,4-Dichlorophenol	n/a	=	16.7	µg/L	EPA 625	0.26	1			
2018/19-5	Lab	LCS, rec	6/3/2019	Organic	2,4-Dichlorophenol	n/a	=	67	%	EPA 625	-88	-88	45	130	
2018/19-5	Lab	method blank	6/6/2019	Organic	2,4-Dichlorophenol	n/a	<	0.26	µg/L	EPA 625	0.26	1			
2018/19-5	Lab	LCS	6/6/2019	Organic	2,4-Dichlorophenol	n/a	=	16.8	µg/L	EPA 625	0.26	1			
2018/19-5	Lab	LCS, rec	6/6/2019	Organic	2,4-Dichlorophenol	n/a	=	67	%	EPA 625	-88	-88	45	130	
2018/19-5	000NONPJ	srgt matrix spike	5/10/2019	Organic	2,4-Dichlorophenylacetic acid	n/a	=	11.2	µg/L	EPA 515.4	-88	-88			
2018/19-5	000NONPJ	srgt matrix spike, rec	5/10/2019	Organic	2,4-Dichlorophenylacetic acid	n/a	=	112	%	EPA 515.4	-88	-88	70	130	
2018/19-5	000NONPJ	srgt matrix spike dup	5/10/2019	Organic	2,4-Dichlorophenylacetic acid	n/a	=	11.4	µg/L	EPA 515.4	-88	-88			
2018/19-5	000NONPJ	srgt matrix spike dup, rec	5/10/2019	Organic	2,4-Dichlorophenylacetic acid	n/a	=	114	%	EPA 515.4	-88	-88	70	130	
2018/19-5	000NONPJ	srgt matrix spike	5/16/2019	Organic	2,4-Dichlorophenylacetic acid	n/a	=	10.4	µg/L	EPA 515.4	-88	-88			
2018/19-5	000NONPJ	srgt matrix spike, rec	5/16/2019	Organic	2,4-Dichlorophenylacetic acid	n/a	=	104	%	EPA 515.4	-88	-88	70	130	
2018/19-5	000NONPJ	srgt matrix spike dup	5/16/2019	Organic	2,4-Dichlorophenylacetic acid	n/a	=	9.91	µg/L	EPA 515.4	-88	-88			
2018/19-5	000NONPJ	srgt matrix spike dup, rec	5/16/2019	Organic	2,4-Dichlorophenylacetic acid	n/a	=	99	%	EPA 515.4	-88	-88	70	130	
2018/19-5	000NONPJ	srgt matrix spike	5/23/2019	Organic	2,4-Dichlorophenylacetic acid	n/a	=	11.4	µg/L	EPA 515.4	-88	-88			
2018/19-5	000NONPJ	srgt matrix spike, rec	5/23/2019	Organic	2,4-Dichlorophenylacetic acid	n/a	=	114	%	EPA 515.4	-88	-88	70	130	
2018/19-5	000NONPJ	srgt matrix spike dup	5/23/2019	Organic	2,4-Dichlorophenylacetic acid	n/a	=	10.6	µg/L	EPA 515.4	-88	-88			
2018/19-5	000NONPJ	srgt matrix spike dup, rec	5/23/2019	Organic	2,4-Dichlorophenylacetic acid	n/a	=	106	%	EPA 515.4	-88	-88	70	130	
2018/19-5	Lab	srgt method blank	5/10/2019	Organic	2,4-Dichlorophenylacetic acid	n/a	=	10.1	µg/L	EPA 515.4	-88	-88			
2018/19-5	Lab	srgt method blank, rec	5/10/2019	Organic	2,4-Dichlorophenylacetic acid	n/a	=	101	%	EPA 515.4	-88	-88	70	130	
2018/19-5	Lab	srgt LCS	5/10/2019	Organic	2,4-Dichlorophenylacetic acid	n/a	=	10.1	µg/L	EPA 515.4	-88	-88			
2018/19-5	Lab	srgt LCS, rec	5/10/2019	Organic	2,4-Dichlorophenylacetic acid	n/a	=	101	%	EPA 515.4	-88	-88	70	130	
2018/19-5	Lab	srgt method blank	5/15/2019	Organic	2,4-Dichlorophenylacetic acid	n/a	=	10.1	µg/L	EPA 515.4	-88	-88			
2018/19-5	Lab	srgt method blank, rec	5/15/2019	Organic	2,4-Dichlorophenylacetic acid	n/a	=	101	%	EPA 515.4	-88	-88	70	130	
2018/19-5	Lab	srgt LCS	5/15/2019	Organic	2,4-Dichlorophenylacetic acid	n/a	=	9.74	µg/L	EPA 515.4	-88	-88			
2018/19-5	Lab	srgt LCS, rec	5/15/2019	Organic	2,4-Dichlorophenylacetic acid	n/a	=	97	%	EPA 515.4	-88	-88	70	130	
2018/19-5	Lab	srgt method blank	5/23/2019	Organic	2,4-Dichlorophenylacetic acid	n/a	=	10.1	µg/L	EPA 515.4	-88	-88			
2018/19-5	Lab	srgt method blank, rec	5/23/2019	Organic	2,4-Dichlorophenylacetic acid	n/a	=	101	%	EPA 515.4	-88	-88	70	130	
2018/19-5	Lab	srgt LCS	5/23/2019	Organic	2,4-Dichlorophenylacetic acid	n/a	=	10.1	µg/L	EPA 515.4	-88	-88			
2018/19-5	Lab	srgt LCS, rec	5/23/2019	Organic	2,4-Dichlorophenylacetic acid	n/a	=	101	%	EPA 515.4	-88	-88	70	130	
2018/19-5	ME-CC	srgt environ	5/24/2019	Organic	2,4-Dichlorophenylacetic acid	n/a	=	10.2	µg/L	EPA 515.4	-88	-88			
2018/19-5	ME-CC	srgt environ, rec	5/24/2019	Organic	2,4-Dichlorophenylacetic acid	n/a	=	102	%	EPA 515.4	-88	-88	70	130	
2018/19-5	ME-SCR	srgt environ	5/11/2019	Organic	2,4-Dichlorophenylacetic acid	n/a	=	10.2	µg/L	EPA 515.4	-88	-88			
2018/19-5	ME-SCR	srgt environ, rec	5/11/2019	Organic	2,4-Dichlorophenylacetic acid	n/a	=	102	%	EPA 515.4	-88	-88	70	130	
2018/19-5	ME-VR2	srgt environ	5/16/2019	Organic	2,4-Dichlorophenylacetic acid	n/a	=	9.95	µg/L	EPA 515.4	-88	-88			
2018/19-5	ME-VR2	srgt environ, rec	5/16/2019	Organic	2,4-Dichlorophenylacetic acid	n/a	=	99	%	EPA 515.4	-88	-88	70	130	
2018/19-5	MO-CAM	srgt environ	5/24/2019	Organic	2,4-Dichlorophenylacetic acid	n/a	=	10.5	µg/L	EPA 515.4	-88	-88			
2018/19-5	MO-CAM	srgt environ, rec	5/24/2019	Organic	2,4-Dichlorophenylacetic acid	n/a	=	105	%	EPA 515.4	-88	-88	70	130	
2018/19-5	MO-FIL	srgt environ	5/11/2019	Organic	2,4-Dichlorophenylacetic acid	n/a	=	10.1	µg/L	EPA 515.4	-88	-88			
2018/19-5	MO-FIL	srgt environ, rec	5/11/2019	Organic	2,4-Dichlorophenylacetic acid	n/a	=	101	%	EPA 515.4	-88	-88	70	130	
2018/19-5	MO-HUE	srgt environ	5/16/2019	Organic	2,4-Dichlorophenylacetic acid	n/a	=	9.98	µg/L	EPA 515.4	-88	-88			

Appendix F
Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2018/19-5	MO-HUE	srgt environ, rec	5/16/2019	Organic	2,4-Dichlorophenylacetic acid	n/a	=	100	%	EPA 515.4	-88	-88	70	130	
2018/19-5	MO-MPK	srgt environ	5/24/2019	Organic	2,4-Dichlorophenylacetic acid	n/a	=	11.1	µg/L	EPA 515.4	-88	-88			
2018/19-5	MO-MPK	srgt environ, rec	5/24/2019	Organic	2,4-Dichlorophenylacetic acid	n/a	=	111	%	EPA 515.4	-88	-88	70	130	
2018/19-5	MO-OJA	srgt environ	5/16/2019	Organic	2,4-Dichlorophenylacetic acid	n/a	=	10	µg/L	EPA 515.4	-88	-88			
2018/19-5	MO-OJA	srgt environ, rec	5/16/2019	Organic	2,4-Dichlorophenylacetic acid	n/a	=	100	%	EPA 515.4	-88	-88	70	130	
2018/19-5	MO-SIM	srgt environ	5/24/2019	Organic	2,4-Dichlorophenylacetic acid	n/a	=	9.9	µg/L	EPA 515.4	-88	-88			
2018/19-5	MO-SIM	srgt environ, rec	5/24/2019	Organic	2,4-Dichlorophenylacetic acid	n/a	=	99	%	EPA 515.4	-88	-88	70	130	
2018/19-5	MO-THO	srgt environ	5/24/2019	Organic	2,4-Dichlorophenylacetic acid	n/a	=	10.2	µg/L	EPA 515.4	-88	-88			
2018/19-5	MO-THO	srgt environ, rec	5/24/2019	Organic	2,4-Dichlorophenylacetic acid	n/a	=	102	%	EPA 515.4	-88	-88	70	130	
2018/19-5	MO-VEN	srgt environ	5/11/2019	Organic	2,4-Dichlorophenylacetic acid	n/a	=	9.06	µg/L	EPA 515.4	-88	-88			
2018/19-5	MO-VEN	srgt environ, rec	5/11/2019	Organic	2,4-Dichlorophenylacetic acid	n/a	=	91	%	EPA 515.4	-88	-88	70	130	
2018/19-5	000NONPJ	matrix spike	5/7/2019	Organic	2,4-Dimethylphenol	n/a	=	6.15	µg/L	EPA 625	0.3	1			GB
2018/19-5	000NONPJ	matrix spike, rec	5/7/2019	Organic	2,4-Dimethylphenol	n/a	=	25	%	EPA 625	-88	-88	32	130	GB
2018/19-5	000NONPJ	matrix spike dup	5/7/2019	Organic	2,4-Dimethylphenol	n/a	=	6.6	µg/L	EPA 625	0.3	1			GB
2018/19-5	000NONPJ	matrix spike dup, rec	5/7/2019	Organic	2,4-Dimethylphenol	n/a	=	26	%	EPA 625	-88	-88	32	130	GB
2018/19-5	000NONPJ	matrix spike, RPD	5/7/2019	Organic	2,4-Dimethylphenol	n/a	=	7	%	EPA 625	-88	-88	0	30	GB
2018/19-5	000NONPJ	matrix spike	6/6/2019	Organic	2,4-Dimethylphenol	n/a	<	3	µg/L	EPA 625	3	10			GB
2018/19-5	000NONPJ	matrix spike, rec	6/6/2019	Organic	2,4-Dimethylphenol	n/a	=	0	%	EPA 625	-88	-88	32	130	GB
2018/19-5	000NONPJ	matrix spike dup	6/6/2019	Organic	2,4-Dimethylphenol	n/a	<	3	µg/L	EPA 625	3	10			GB
2018/19-5	000NONPJ	matrix spike dup, rec	6/6/2019	Organic	2,4-Dimethylphenol	n/a	=	0	%	EPA 625	-88	-88	32	130	GB
2018/19-5	000NONPJ	matrix spike, RPD	6/6/2019	Organic	2,4-Dimethylphenol	n/a	=	0	%	EPA 625	-88	-88	0	30	GB
2018/19-5	Lab	method blank	5/6/2019	Organic	2,4-Dimethylphenol	n/a	<	0.3	µg/L	EPA 625	0.3	1			
2018/19-5	Lab	LCS dup	5/6/2019	Organic	2,4-Dimethylphenol	n/a	=	12.9	µg/L	EPA 625	0.3	1			
2018/19-5	Lab	LCS dup, rec	5/6/2019	Organic	2,4-Dimethylphenol	n/a	=	52	%	EPA 625	-88	-88	33	120	
2018/19-5	Lab	LCS, RPD	5/6/2019	Organic	2,4-Dimethylphenol	n/a	=	23	%	EPA 625	-88	-88	0	30	
2018/19-5	Lab	LCS	5/7/2019	Organic	2,4-Dimethylphenol	n/a	=	16.2	µg/L	EPA 625	0.3	1			
2018/19-5	Lab	LCS, rec	5/7/2019	Organic	2,4-Dimethylphenol	n/a	=	65	%	EPA 625	-88	-88	33	120	
2018/19-5	Lab	method blank	5/21/2019	Organic	2,4-Dimethylphenol	n/a	<	1	µg/L	EPA 8270C	1	2			
2018/19-5	Lab	LCS	5/21/2019	Organic	2,4-Dimethylphenol	n/a	=	5.52	µg/L	EPA 8270C	1	2			
2018/19-5	Lab	LCS, rec	5/21/2019	Organic	2,4-Dimethylphenol	n/a	=	55	%	EPA 8270C	-88	-88	31	97	
2018/19-5	Lab	LCS dup	5/21/2019	Organic	2,4-Dimethylphenol	n/a	=	5.61	µg/L	EPA 8270C	1	2			
2018/19-5	Lab	LCS dup, rec	5/21/2019	Organic	2,4-Dimethylphenol	n/a	=	56	%	EPA 8270C	-88	-88	31	97	
2018/19-5	Lab	LCS, RPD	5/21/2019	Organic	2,4-Dimethylphenol	n/a	=	2	%	EPA 8270C	-88	-88	0	30	
2018/19-5	Lab	method blank	5/22/2019	Organic	2,4-Dimethylphenol	n/a	<	1	µg/L	EPA 8270C	1	2			
2018/19-5	Lab	LCS	5/22/2019	Organic	2,4-Dimethylphenol	n/a	=	6.42	µg/L	EPA 8270C	1	2			
2018/19-5	Lab	LCS, rec	5/22/2019	Organic	2,4-Dimethylphenol	n/a	=	64	%	EPA 8270C	-88	-88	31	97	
2018/19-5	Lab	LCS dup	5/22/2019	Organic	2,4-Dimethylphenol	n/a	=	5.51	µg/L	EPA 8270C	1	2			
2018/19-5	Lab	LCS dup, rec	5/22/2019	Organic	2,4-Dimethylphenol	n/a	=	55	%	EPA 8270C	-88	-88	31	97	
2018/19-5	Lab	LCS, RPD	5/22/2019	Organic	2,4-Dimethylphenol	n/a	=	15	%	EPA 8270C	-88	-88	0	30	
2018/19-5	Lab	method blank	5/24/2019	Organic	2,4-Dimethylphenol	n/a	<	0.3	µg/L	EPA 625	0.3	1			
2018/19-5	Lab	LCS	5/24/2019	Organic	2,4-Dimethylphenol	n/a	=	17.9	µg/L	EPA 625	0.3	1			
2018/19-5	Lab	LCS, rec	5/24/2019	Organic	2,4-Dimethylphenol	n/a	=	72	%	EPA 625	-88	-88	33	120	
2018/19-5	Lab	LCS dup	5/24/2019	Organic	2,4-Dimethylphenol	n/a	=	19.1	µg/L	EPA 625	0.3	1			
2018/19-5	Lab	LCS dup, rec	5/24/2019	Organic	2,4-Dimethylphenol	n/a	=	77	%	EPA 625	-88	-88	33	120	
2018/19-5	Lab	LCS, RPD	5/24/2019	Organic	2,4-Dimethylphenol	n/a	=	7	%	EPA 625	-88	-88	0	30	
2018/19-5	Lab	method blank	6/1/2019	Organic	2,4-Dimethylphenol	n/a	<	0.3	µg/L	EPA 625	0.3	1			
2018/19-5	Lab	LCS dup	6/1/2019	Organic	2,4-Dimethylphenol	n/a	=	11.9	µg/L	EPA 625	0.3	1			

Appendix F
Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2018/19-5	Lab	LCS dup, rec	6/1/2019	Organic	2,4-Dimethylphenol	n/a	=	48	%	EPA 625	-88	-88	33	120	
2018/19-5	Lab	LCS, RPD	6/1/2019	Organic	2,4-Dimethylphenol	n/a	=	28	%	EPA 625	-88	-88	0	30	
2018/19-5	Lab	LCS	6/1/2019	Organic	2,4-Dimethylphenol	n/a	=	15.8	µg/L	EPA 625	0.3	1			
2018/19-5	Lab	LCS, rec	6/1/2019	Organic	2,4-Dimethylphenol	n/a	=	63	%	EPA 625	-88	-88	33	120	
2018/19-5	Lab	method blank	6/3/2019	Organic	2,4-Dimethylphenol	n/a	<	0.3	µg/L	EPA 625	0.3	1			
2018/19-5	Lab	LCS	6/3/2019	Organic	2,4-Dimethylphenol	n/a	=	16.5	µg/L	EPA 625	0.3	1			
2018/19-5	Lab	LCS, rec	6/3/2019	Organic	2,4-Dimethylphenol	n/a	=	66	%	EPA 625	-88	-88	33	120	
2018/19-5	Lab	method blank	6/6/2019	Organic	2,4-Dimethylphenol	n/a	<	0.3	µg/L	EPA 625	0.3	1			
2018/19-5	Lab	LCS	6/6/2019	Organic	2,4-Dimethylphenol	n/a	=	16	µg/L	EPA 625	0.3	1			
2018/19-5	Lab	LCS, rec	6/6/2019	Organic	2,4-Dimethylphenol	n/a	=	64	%	EPA 625	-88	-88	33	120	
2018/19-5	000NONPJ	matrix spike	5/7/2019	Organic	2,4-Dinitrophenol	n/a	=	35.1	µg/L	EPA 625	1.6	10			
2018/19-5	000NONPJ	matrix spike, rec	5/7/2019	Organic	2,4-Dinitrophenol	n/a	=	140	%	EPA 625	-88	-88	18	156	
2018/19-5	000NONPJ	matrix spike dup	5/7/2019	Organic	2,4-Dinitrophenol	n/a	=	38.3	µg/L	EPA 625	1.6	10			
2018/19-5	000NONPJ	matrix spike dup, rec	5/7/2019	Organic	2,4-Dinitrophenol	n/a	=	153	%	EPA 625	-88	-88	18	156	
2018/19-5	000NONPJ	matrix spike, RPD	5/7/2019	Organic	2,4-Dinitrophenol	n/a	=	9	%	EPA 625	-88	-88	0	30	
2018/19-5	000NONPJ	matrix spike	6/6/2019	Organic	2,4-Dinitrophenol	n/a	DNQ	18.4	µg/L	EPA 625	16	100			
2018/19-5	000NONPJ	matrix spike, rec	6/6/2019	Organic	2,4-Dinitrophenol	n/a	=	74	%	EPA 625	-88	-88	18	156	
2018/19-5	000NONPJ	matrix spike dup	6/6/2019	Organic	2,4-Dinitrophenol	n/a	DNQ	17.4	µg/L	EPA 625	16	100			
2018/19-5	000NONPJ	matrix spike dup, rec	6/6/2019	Organic	2,4-Dinitrophenol	n/a	=	69	%	EPA 625	-88	-88	18	156	
2018/19-5	000NONPJ	matrix spike, RPD	6/6/2019	Organic	2,4-Dinitrophenol	n/a	=	6	%	EPA 625	-88	-88	0	30	
2018/19-5	Lab	method blank	5/6/2019	Organic	2,4-Dinitrophenol	n/a	<	1.6	µg/L	EPA 625	1.6	10			
2018/19-5	Lab	LCS dup	5/6/2019	Organic	2,4-Dinitrophenol	n/a	=	35.2	µg/L	EPA 625	1.6	10			
2018/19-5	Lab	LCS dup, rec	5/6/2019	Organic	2,4-Dinitrophenol	n/a	=	141	%	EPA 625	-88	-88	36	163	
2018/19-5	Lab	LCS, RPD	5/6/2019	Organic	2,4-Dinitrophenol	n/a	=	6	%	EPA 625	-88	-88	0	30	
2018/19-5	Lab	LCS	5/7/2019	Organic	2,4-Dinitrophenol	n/a	=	37.5	µg/L	EPA 625	1.6	10			
2018/19-5	Lab	LCS, rec	5/7/2019	Organic	2,4-Dinitrophenol	n/a	=	150	%	EPA 625	-88	-88	36	163	
2018/19-5	Lab	method blank	5/21/2019	Organic	2,4-Dinitrophenol	n/a	<	1	µg/L	EPA 8270C	1	2			
2018/19-5	Lab	LCS	5/21/2019	Organic	2,4-Dinitrophenol	n/a	=	12	µg/L	EPA 8270C	1	2			
2018/19-5	Lab	LCS, rec	5/21/2019	Organic	2,4-Dinitrophenol	n/a	=	120	%	EPA 8270C	-88	-88	7	155	
2018/19-5	Lab	LCS dup	5/21/2019	Organic	2,4-Dinitrophenol	n/a	=	10.9	µg/L	EPA 8270C	1	2			
2018/19-5	Lab	LCS dup, rec	5/21/2019	Organic	2,4-Dinitrophenol	n/a	=	109	%	EPA 8270C	-88	-88	7	155	
2018/19-5	Lab	LCS, RPD	5/21/2019	Organic	2,4-Dinitrophenol	n/a	=	9	%	EPA 8270C	-88	-88	0	30	
2018/19-5	Lab	method blank	5/22/2019	Organic	2,4-Dinitrophenol	n/a	<	1	µg/L	EPA 8270C	1	2			
2018/19-5	Lab	LCS	5/22/2019	Organic	2,4-Dinitrophenol	n/a	=	13.1	µg/L	EPA 8270C	1	2			
2018/19-5	Lab	LCS, rec	5/22/2019	Organic	2,4-Dinitrophenol	n/a	=	131	%	EPA 8270C	-88	-88	7	155	
2018/19-5	Lab	LCS dup	5/22/2019	Organic	2,4-Dinitrophenol	n/a	=	14.5	µg/L	EPA 8270C	1	2			
2018/19-5	Lab	LCS dup, rec	5/22/2019	Organic	2,4-Dinitrophenol	n/a	=	145	%	EPA 8270C	-88	-88	7	155	
2018/19-5	Lab	LCS, RPD	5/22/2019	Organic	2,4-Dinitrophenol	n/a	=	10	%	EPA 8270C	-88	-88	0	30	
2018/19-5	Lab	method blank	5/24/2019	Organic	2,4-Dinitrophenol	n/a	<	1.6	µg/L	EPA 625	1.6	10			
2018/19-5	Lab	LCS	5/24/2019	Organic	2,4-Dinitrophenol	n/a	=	32.8	µg/L	EPA 625	1.6	10			
2018/19-5	Lab	LCS, rec	5/24/2019	Organic	2,4-Dinitrophenol	n/a	=	131	%	EPA 625	-88	-88	36	163	
2018/19-5	Lab	LCS dup	5/24/2019	Organic	2,4-Dinitrophenol	n/a	=	33.8	µg/L	EPA 625	1.6	10			
2018/19-5	Lab	LCS dup, rec	5/24/2019	Organic	2,4-Dinitrophenol	n/a	=	135	%	EPA 625	-88	-88	36	163	
2018/19-5	Lab	LCS, RPD	5/24/2019	Organic	2,4-Dinitrophenol	n/a	=	3	%	EPA 625	-88	-88	0	30	
2018/19-5	Lab	method blank	6/1/2019	Organic	2,4-Dinitrophenol	n/a	<	1.6	µg/L	EPA 625	1.6	10			
2018/19-5	Lab	LCS dup	6/1/2019	Organic	2,4-Dinitrophenol	n/a	=	30.9	µg/L	EPA 625	1.6	10			
2018/19-5	Lab	LCS dup, rec	6/1/2019	Organic	2,4-Dinitrophenol	n/a	=	124	%	EPA 625	-88	-88	36	163	

Appendix F
Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2018/19-5	Lab	LCS, RPD	6/1/2019	Organic	2,4-Dinitrophenol	n/a	=	8	%	EPA 625	-88	-88	0	30	
2018/19-5	Lab	LCS	6/1/2019	Organic	2,4-Dinitrophenol	n/a	=	33.4	µg/L	EPA 625	1.6	10			
2018/19-5	Lab	LCS, rec	6/1/2019	Organic	2,4-Dinitrophenol	n/a	=	134	%	EPA 625	-88	-88	36	163	
2018/19-5	Lab	method blank	6/3/2019	Organic	2,4-Dinitrophenol	n/a	<	1.6	µg/L	EPA 625	1.6	10			
2018/19-5	Lab	LCS	6/3/2019	Organic	2,4-Dinitrophenol	n/a	=	24.4	µg/L	EPA 625	1.6	10			
2018/19-5	Lab	LCS, rec	6/3/2019	Organic	2,4-Dinitrophenol	n/a	=	98	%	EPA 625	-88	-88	36	163	
2018/19-5	Lab	method blank	6/6/2019	Organic	2,4-Dinitrophenol	n/a	<	1.6	µg/L	EPA 625	1.6	10			
2018/19-5	Lab	LCS	6/6/2019	Organic	2,4-Dinitrophenol	n/a	=	27.5	µg/L	EPA 625	1.6	10			
2018/19-5	Lab	LCS, rec	6/6/2019	Organic	2,4-Dinitrophenol	n/a	=	110	%	EPA 625	-88	-88	36	163	
2018/19-5	000NONPJ	matrix spike	5/7/2019	Organic	2,4-Dinitrotoluene	n/a	=	19.3	µg/L	EPA 625	0.18	1			
2018/19-5	000NONPJ	matrix spike, rec	5/7/2019	Organic	2,4-Dinitrotoluene	n/a	=	77	%	EPA 625	-88	-88	58	130	
2018/19-5	000NONPJ	matrix spike dup	5/7/2019	Organic	2,4-Dinitrotoluene	n/a	=	22.2	µg/L	EPA 625	0.18	1			
2018/19-5	000NONPJ	matrix spike dup, rec	5/7/2019	Organic	2,4-Dinitrotoluene	n/a	=	89	%	EPA 625	-88	-88	58	130	
2018/19-5	000NONPJ	matrix spike, RPD	5/7/2019	Organic	2,4-Dinitrotoluene	n/a	=	14	%	EPA 625	-88	-88	0	30	
2018/19-5	000NONPJ	matrix spike	6/6/2019	Organic	2,4-Dinitrotoluene	n/a	=	19.4	µg/L	EPA 625	1.8	10			
2018/19-5	000NONPJ	matrix spike, rec	6/6/2019	Organic	2,4-Dinitrotoluene	n/a	=	78	%	EPA 625	-88	-88	58	130	
2018/19-5	000NONPJ	matrix spike dup	6/6/2019	Organic	2,4-Dinitrotoluene	n/a	=	18.6	µg/L	EPA 625	1.8	10			
2018/19-5	000NONPJ	matrix spike dup, rec	6/6/2019	Organic	2,4-Dinitrotoluene	n/a	=	74	%	EPA 625	-88	-88	58	130	
2018/19-5	000NONPJ	matrix spike, RPD	6/6/2019	Organic	2,4-Dinitrotoluene	n/a	=	4	%	EPA 625	-88	-88	0	30	
2018/19-5	Lab	method blank	5/6/2019	Organic	2,4-Dinitrotoluene	n/a	<	0.18	µg/L	EPA 625	0.18	1			
2018/19-5	Lab	LCS dup	5/6/2019	Organic	2,4-Dinitrotoluene	n/a	=	25.6	µg/L	EPA 625	0.18	1			
2018/19-5	Lab	LCS dup, rec	5/6/2019	Organic	2,4-Dinitrotoluene	n/a	=	102	%	EPA 625	-88	-88	58	130	
2018/19-5	Lab	LCS, RPD	5/6/2019	Organic	2,4-Dinitrotoluene	n/a	=	7	%	EPA 625	-88	-88	0	30	
2018/19-5	Lab	LCS	5/7/2019	Organic	2,4-Dinitrotoluene	n/a	=	27.5	µg/L	EPA 625	0.18	1			
2018/19-5	Lab	LCS, rec	5/7/2019	Organic	2,4-Dinitrotoluene	n/a	=	110	%	EPA 625	-88	-88	58	130	
2018/19-5	Lab	method blank	5/24/2019	Organic	2,4-Dinitrotoluene	n/a	<	0.18	µg/L	EPA 625	0.18	1			
2018/19-5	Lab	LCS	5/24/2019	Organic	2,4-Dinitrotoluene	n/a	=	22.3	µg/L	EPA 625	0.18	1			
2018/19-5	Lab	LCS, rec	5/24/2019	Organic	2,4-Dinitrotoluene	n/a	=	89	%	EPA 625	-88	-88	58	130	
2018/19-5	Lab	LCS dup	5/24/2019	Organic	2,4-Dinitrotoluene	n/a	=	22.5	µg/L	EPA 625	0.18	1			
2018/19-5	Lab	LCS dup, rec	5/24/2019	Organic	2,4-Dinitrotoluene	n/a	=	90	%	EPA 625	-88	-88	58	130	
2018/19-5	Lab	LCS, RPD	5/24/2019	Organic	2,4-Dinitrotoluene	n/a	=	1	%	EPA 625	-88	-88	0	30	
2018/19-5	Lab	method blank	6/1/2019	Organic	2,4-Dinitrotoluene	n/a	<	0.18	µg/L	EPA 625	0.18	1			
2018/19-5	Lab	LCS dup	6/1/2019	Organic	2,4-Dinitrotoluene	n/a	=	22.3	µg/L	EPA 625	0.18	1			
2018/19-5	Lab	LCS dup, rec	6/1/2019	Organic	2,4-Dinitrotoluene	n/a	=	89	%	EPA 625	-88	-88	58	130	
2018/19-5	Lab	LCS, RPD	6/1/2019	Organic	2,4-Dinitrotoluene	n/a	=	6	%	EPA 625	-88	-88	0	30	
2018/19-5	Lab	LCS	6/1/2019	Organic	2,4-Dinitrotoluene	n/a	=	23.6	µg/L	EPA 625	0.18	1			
2018/19-5	Lab	LCS, rec	6/1/2019	Organic	2,4-Dinitrotoluene	n/a	=	94	%	EPA 625	-88	-88	58	130	
2018/19-5	Lab	method blank	6/3/2019	Organic	2,4-Dinitrotoluene	n/a	<	0.18	µg/L	EPA 625	0.18	1			
2018/19-5	Lab	LCS	6/3/2019	Organic	2,4-Dinitrotoluene	n/a	=	20.6	µg/L	EPA 625	0.18	1			
2018/19-5	Lab	LCS, rec	6/3/2019	Organic	2,4-Dinitrotoluene	n/a	=	82	%	EPA 625	-88	-88	58	130	
2018/19-5	Lab	method blank	6/6/2019	Organic	2,4-Dinitrotoluene	n/a	<	0.18	µg/L	EPA 625	0.18	1			
2018/19-5	Lab	LCS	6/6/2019	Organic	2,4-Dinitrotoluene	n/a	=	20.5	µg/L	EPA 625	0.18	1			
2018/19-5	Lab	LCS, rec	6/6/2019	Organic	2,4-Dinitrotoluene	n/a	=	82	%	EPA 625	-88	-88	58	130	
2018/19-5	000NONPJ	matrix spike	5/7/2019	Organic	2,6-Dinitrotoluene	n/a	=	13.5	µg/L	EPA 625	0.27	1			
2018/19-5	000NONPJ	matrix spike, rec	5/7/2019	Organic	2,6-Dinitrotoluene	n/a	=	54	%	EPA 625	-88	-88	50	130	
2018/19-5	000NONPJ	matrix spike dup	5/7/2019	Organic	2,6-Dinitrotoluene	n/a	=	15.4	µg/L	EPA 625	0.27	1			
2018/19-5	000NONPJ	matrix spike dup, rec	5/7/2019	Organic	2,6-Dinitrotoluene	n/a	=	62	%	EPA 625	-88	-88	50	130	

Appendix F
Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2018/19-5	000NONPJ	matrix spike, RPD	5/7/2019	Organic	2,6-Dinitrotoluene	n/a	=	13	%	EPA 625	-88	-88	0	30	
2018/19-5	000NONPJ	matrix spike	6/6/2019	Organic	2,6-Dinitrotoluene	n/a	=	14.9	µg/L	EPA 625	2.7	10			
2018/19-5	000NONPJ	matrix spike, rec	6/6/2019	Organic	2,6-Dinitrotoluene	n/a	=	59	%	EPA 625	-88	-88	50	130	
2018/19-5	000NONPJ	matrix spike dup	6/6/2019	Organic	2,6-Dinitrotoluene	n/a	=	15	µg/L	EPA 625	2.7	10			
2018/19-5	000NONPJ	matrix spike dup, rec	6/6/2019	Organic	2,6-Dinitrotoluene	n/a	=	60	%	EPA 625	-88	-88	50	130	
2018/19-5	000NONPJ	matrix spike, RPD	6/6/2019	Organic	2,6-Dinitrotoluene	n/a	=	1	%	EPA 625	-88	-88	0	30	
2018/19-5	Lab	method blank	5/6/2019	Organic	2,6-Dinitrotoluene	n/a	<	0.27	µg/L	EPA 625	0.27	1			
2018/19-5	Lab	LCS dup	5/6/2019	Organic	2,6-Dinitrotoluene	n/a	=	15.3	µg/L	EPA 625	0.27	1			
2018/19-5	Lab	LCS dup, rec	5/6/2019	Organic	2,6-Dinitrotoluene	n/a	=	61	%	EPA 625	-88	-88	50	130	
2018/19-5	Lab	LCS, RPD	5/6/2019	Organic	2,6-Dinitrotoluene	n/a	=	19	%	EPA 625	-88	-88	0	30	
2018/19-5	Lab	LCS	5/7/2019	Organic	2,6-Dinitrotoluene	n/a	=	18.5	µg/L	EPA 625	0.27	1			
2018/19-5	Lab	LCS, rec	5/7/2019	Organic	2,6-Dinitrotoluene	n/a	=	74	%	EPA 625	-88	-88	50	130	
2018/19-5	Lab	method blank	5/24/2019	Organic	2,6-Dinitrotoluene	n/a	<	0.27	µg/L	EPA 625	0.27	1			
2018/19-5	Lab	LCS	5/24/2019	Organic	2,6-Dinitrotoluene	n/a	=	19.6	µg/L	EPA 625	0.27	1			
2018/19-5	Lab	LCS, rec	5/24/2019	Organic	2,6-Dinitrotoluene	n/a	=	78	%	EPA 625	-88	-88	50	130	
2018/19-5	Lab	LCS dup	5/24/2019	Organic	2,6-Dinitrotoluene	n/a	=	20.8	µg/L	EPA 625	0.27	1			
2018/19-5	Lab	LCS dup, rec	5/24/2019	Organic	2,6-Dinitrotoluene	n/a	=	83	%	EPA 625	-88	-88	50	130	
2018/19-5	Lab	LCS, RPD	5/24/2019	Organic	2,6-Dinitrotoluene	n/a	=	6	%	EPA 625	-88	-88	0	30	
2018/19-5	Lab	method blank	6/1/2019	Organic	2,6-Dinitrotoluene	n/a	<	0.27	µg/L	EPA 625	0.27	1			
2018/19-5	Lab	LCS dup	6/1/2019	Organic	2,6-Dinitrotoluene	n/a	=	18.2	µg/L	EPA 625	0.27	1			
2018/19-5	Lab	LCS dup, rec	6/1/2019	Organic	2,6-Dinitrotoluene	n/a	=	73	%	EPA 625	-88	-88	50	130	
2018/19-5	Lab	LCS, RPD	6/1/2019	Organic	2,6-Dinitrotoluene	n/a	=	16	%	EPA 625	-88	-88	0	30	
2018/19-5	Lab	LCS	6/1/2019	Organic	2,6-Dinitrotoluene	n/a	=	21.5	µg/L	EPA 625	0.27	1			
2018/19-5	Lab	LCS, rec	6/1/2019	Organic	2,6-Dinitrotoluene	n/a	=	86	%	EPA 625	-88	-88	50	130	
2018/19-5	Lab	method blank	6/3/2019	Organic	2,6-Dinitrotoluene	n/a	<	0.27	µg/L	EPA 625	0.27	1			
2018/19-5	Lab	LCS	6/3/2019	Organic	2,6-Dinitrotoluene	n/a	=	17.2	µg/L	EPA 625	0.27	1			
2018/19-5	Lab	LCS, rec	6/3/2019	Organic	2,6-Dinitrotoluene	n/a	=	69	%	EPA 625	-88	-88	50	130	
2018/19-5	Lab	method blank	6/6/2019	Organic	2,6-Dinitrotoluene	n/a	<	0.27	µg/L	EPA 625	0.27	1			
2018/19-5	Lab	LCS	6/6/2019	Organic	2,6-Dinitrotoluene	n/a	=	17	µg/L	EPA 625	0.27	1			
2018/19-5	Lab	LCS, rec	6/6/2019	Organic	2,6-Dinitrotoluene	n/a	=	68	%	EPA 625	-88	-88	50	130	
2018/19-5	000NONPJ	matrix spike	5/3/2019	Organic	2-Chloroethyl vinyl ether	n/a	=	1.01	µg/L	EPA 624	0.28	1			
2018/19-5	000NONPJ	matrix spike, rec	5/3/2019	Organic	2-Chloroethyl vinyl ether	n/a	=	2	%	EPA 624	-88	-88	0.1	305	
2018/19-5	000NONPJ	matrix spike dup	5/3/2019	Organic	2-Chloroethyl vinyl ether	n/a	<	0.28	µg/L	EPA 624	0.28	1			GB,IL
2018/19-5	000NONPJ	matrix spike dup, rec	5/3/2019	Organic	2-Chloroethyl vinyl ether	n/a	=	0	%	EPA 624	-88	-88	0.1	305	GB,IL
2018/19-5	000NONPJ	matrix spike, RPD	5/3/2019	Organic	2-Chloroethyl vinyl ether	n/a	=	200	%	EPA 624	-88	-88	0	25	GB,IL
2018/19-5	000NONPJ	matrix spike	5/17/2019	Organic	2-Chloroethyl vinyl ether	n/a	=	47.6	µg/L	EPA 624	0.28	1			
2018/19-5	000NONPJ	matrix spike, rec	5/17/2019	Organic	2-Chloroethyl vinyl ether	n/a	=	95	%	EPA 624	-88	-88	0.1	305	
2018/19-5	000NONPJ	matrix spike dup	5/17/2019	Organic	2-Chloroethyl vinyl ether	n/a	=	46.8	µg/L	EPA 624	0.28	1			
2018/19-5	000NONPJ	matrix spike dup, rec	5/17/2019	Organic	2-Chloroethyl vinyl ether	n/a	=	94	%	EPA 624	-88	-88	0.1	305	
2018/19-5	000NONPJ	matrix spike, RPD	5/17/2019	Organic	2-Chloroethyl vinyl ether	n/a	=	2	%	EPA 624	-88	-88	0	25	
2018/19-5	Lab	LCS	5/3/2019	Organic	2-Chloroethyl vinyl ether	n/a	=	53.7	µg/L	EPA 624	0.28	1			
2018/19-5	Lab	LCS, rec	5/3/2019	Organic	2-Chloroethyl vinyl ether	n/a	=	107	%	EPA 624	-88	-88	0.1	305	
2018/19-5	Lab	LCS dup	5/3/2019	Organic	2-Chloroethyl vinyl ether	n/a	=	53.3	µg/L	EPA 624	0.28	1			
2018/19-5	Lab	LCS dup, rec	5/3/2019	Organic	2-Chloroethyl vinyl ether	n/a	=	107	%	EPA 624	-88	-88	0.1	305	
2018/19-5	Lab	LCS, RPD	5/3/2019	Organic	2-Chloroethyl vinyl ether	n/a	=	0.9	%	EPA 624	-88	-88	0	25	
2018/19-5	Lab	method blank	5/3/2019	Organic	2-Chloroethyl vinyl ether	n/a	<	0.28	µg/L	EPA 624	0.28	1			
2018/19-5	Lab	LCS	5/10/2019	Organic	2-Chloroethyl vinyl ether	n/a	=	48.8	µg/L	EPA 624	0.28	1			

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Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2018/19-5	Lab	LCS, rec	5/10/2019	Organic	2-Chloroethyl vinyl ether	n/a	=	98	%	EPA 624	-88	-88	0.1	305	
2018/19-5	Lab	LCS dup	5/10/2019	Organic	2-Chloroethyl vinyl ether	n/a	=	48.5	µg/L	EPA 624	0.28	1			
2018/19-5	Lab	LCS dup, rec	5/10/2019	Organic	2-Chloroethyl vinyl ether	n/a	=	97	%	EPA 624	-88	-88	0.1	305	
2018/19-5	Lab	LCS, RPD	5/10/2019	Organic	2-Chloroethyl vinyl ether	n/a	=	0.6	%	EPA 624	-88	-88	0	25	
2018/19-5	Lab	method blank	5/10/2019	Organic	2-Chloroethyl vinyl ether	n/a	<	0.28	µg/L	EPA 624	0.28	1			
2018/19-5	Lab	LCS	5/16/2019	Organic	2-Chloroethyl vinyl ether	n/a	=	49.8	µg/L	EPA 624	0.28	1			
2018/19-5	Lab	LCS, rec	5/16/2019	Organic	2-Chloroethyl vinyl ether	n/a	=	100	%	EPA 624	-88	-88	0.1	305	
2018/19-5	Lab	LCS dup	5/16/2019	Organic	2-Chloroethyl vinyl ether	n/a	=	50.5	µg/L	EPA 624	0.28	1			
2018/19-5	Lab	LCS dup, rec	5/16/2019	Organic	2-Chloroethyl vinyl ether	n/a	=	101	%	EPA 624	-88	-88	0.1	305	
2018/19-5	Lab	LCS, RPD	5/16/2019	Organic	2-Chloroethyl vinyl ether	n/a	=	2	%	EPA 624	-88	-88	0	25	
2018/19-5	Lab	method blank	5/16/2019	Organic	2-Chloroethyl vinyl ether	n/a	<	0.28	µg/L	EPA 624	0.28	1			
2018/19-5	000NONPJ	matrix spike	5/7/2019	Organic	2-Chloronaphthalene	n/a	=	10	µg/L	EPA 625	0.45	1			GB
2018/19-5	000NONPJ	matrix spike, rec	5/7/2019	Organic	2-Chloronaphthalene	n/a	=	40	%	EPA 625	-88	-88	41	120	GB
2018/19-5	000NONPJ	matrix spike dup	5/7/2019	Organic	2-Chloronaphthalene	n/a	=	11.6	µg/L	EPA 625	0.45	1			
2018/19-5	000NONPJ	matrix spike dup, rec	5/7/2019	Organic	2-Chloronaphthalene	n/a	=	46	%	EPA 625	-88	-88	41	120	
2018/19-5	000NONPJ	matrix spike, RPD	5/7/2019	Organic	2-Chloronaphthalene	n/a	=	14	%	EPA 625	-88	-88	0	30	
2018/19-5	000NONPJ	matrix spike	6/6/2019	Organic	2-Chloronaphthalene	n/a	=	15.7	µg/L	EPA 625	4.5	10			
2018/19-5	000NONPJ	matrix spike, rec	6/6/2019	Organic	2-Chloronaphthalene	n/a	=	63	%	EPA 625	-88	-88	41	120	
2018/19-5	000NONPJ	matrix spike dup	6/6/2019	Organic	2-Chloronaphthalene	n/a	=	16.2	µg/L	EPA 625	4.5	10			
2018/19-5	000NONPJ	matrix spike dup, rec	6/6/2019	Organic	2-Chloronaphthalene	n/a	=	65	%	EPA 625	-88	-88	41	120	
2018/19-5	000NONPJ	matrix spike, RPD	6/6/2019	Organic	2-Chloronaphthalene	n/a	=	3	%	EPA 625	-88	-88	0	30	
2018/19-5	Lab	method blank	5/6/2019	Organic	2-Chloronaphthalene	n/a	<	0.45	µg/L	EPA 625	0.45	1			
2018/19-5	Lab	LCS dup	5/6/2019	Organic	2-Chloronaphthalene	n/a	=	11.9	µg/L	EPA 625	0.45	1			
2018/19-5	Lab	LCS dup, rec	5/6/2019	Organic	2-Chloronaphthalene	n/a	=	48	%	EPA 625	-88	-88	43	130	
2018/19-5	Lab	LCS, RPD	5/6/2019	Organic	2-Chloronaphthalene	n/a	=	27	%	EPA 625	-88	-88	0	30	
2018/19-5	Lab	LCS	5/7/2019	Organic	2-Chloronaphthalene	n/a	=	15.7	µg/L	EPA 625	0.45	1			
2018/19-5	Lab	LCS, rec	5/7/2019	Organic	2-Chloronaphthalene	n/a	=	63	%	EPA 625	-88	-88	43	130	
2018/19-5	Lab	method blank	5/24/2019	Organic	2-Chloronaphthalene	n/a	<	0.45	µg/L	EPA 625	0.45	1			
2018/19-5	Lab	LCS	5/24/2019	Organic	2-Chloronaphthalene	n/a	=	17.9	µg/L	EPA 625	0.45	1			
2018/19-5	Lab	LCS, rec	5/24/2019	Organic	2-Chloronaphthalene	n/a	=	72	%	EPA 625	-88	-88	43	130	
2018/19-5	Lab	LCS dup	5/24/2019	Organic	2-Chloronaphthalene	n/a	=	20.8	µg/L	EPA 625	0.45	1			
2018/19-5	Lab	LCS dup, rec	5/24/2019	Organic	2-Chloronaphthalene	n/a	=	83	%	EPA 625	-88	-88	43	130	
2018/19-5	Lab	LCS, RPD	5/24/2019	Organic	2-Chloronaphthalene	n/a	=	15	%	EPA 625	-88	-88	0	30	
2018/19-5	Lab	method blank	6/1/2019	Organic	2-Chloronaphthalene	n/a	<	0.45	µg/L	EPA 625	0.45	1			
2018/19-5	Lab	LCS dup	6/1/2019	Organic	2-Chloronaphthalene	n/a	=	15.3	µg/L	EPA 625	0.45	1			
2018/19-5	Lab	LCS dup, rec	6/1/2019	Organic	2-Chloronaphthalene	n/a	=	61	%	EPA 625	-88	-88	43	130	
2018/19-5	Lab	LCS, RPD	6/1/2019	Organic	2-Chloronaphthalene	n/a	=	24	%	EPA 625	-88	-88	0	30	
2018/19-5	Lab	LCS	6/1/2019	Organic	2-Chloronaphthalene	n/a	=	19.5	µg/L	EPA 625	0.45	1			
2018/19-5	Lab	LCS, rec	6/1/2019	Organic	2-Chloronaphthalene	n/a	=	78	%	EPA 625	-88	-88	43	130	
2018/19-5	Lab	method blank	6/3/2019	Organic	2-Chloronaphthalene	n/a	<	0.45	µg/L	EPA 625	0.45	1			
2018/19-5	Lab	LCS	6/3/2019	Organic	2-Chloronaphthalene	n/a	=	16.1	µg/L	EPA 625	0.45	1			
2018/19-5	Lab	LCS, rec	6/3/2019	Organic	2-Chloronaphthalene	n/a	=	64	%	EPA 625	-88	-88	43	130	
2018/19-5	Lab	method blank	6/6/2019	Organic	2-Chloronaphthalene	n/a	<	0.45	µg/L	EPA 625	0.45	1			
2018/19-5	Lab	LCS	6/6/2019	Organic	2-Chloronaphthalene	n/a	=	15.9	µg/L	EPA 625	0.45	1			
2018/19-5	Lab	LCS, rec	6/6/2019	Organic	2-Chloronaphthalene	n/a	=	64	%	EPA 625	-88	-88	43	130	
2018/19-5	000NONPJ	matrix spike	5/7/2019	Organic	2-Chlorophenol	n/a	=	12.2	µg/L	EPA 625	0.28	1			
2018/19-5	000NONPJ	matrix spike, rec	5/7/2019	Organic	2-Chlorophenol	n/a	=	49	%	EPA 625	-88	-88	23	130	

Appendix F
Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2018/19-5	000NONPJ	matrix spike dup	5/7/2019	Organic	2-Chlorophenol	n/a	=	13.5	µg/L	EPA 625	0.28	1			
2018/19-5	000NONPJ	matrix spike dup, rec	5/7/2019	Organic	2-Chlorophenol	n/a	=	54	%	EPA 625	-88	-88	23	130	
2018/19-5	000NONPJ	matrix spike, RPD	5/7/2019	Organic	2-Chlorophenol	n/a	=	10	%	EPA 625	-88	-88	0	30	
2018/19-5	000NONPJ	matrix spike	6/6/2019	Organic	2-Chlorophenol	n/a	=	16.4	µg/L	EPA 625	2.8	10			
2018/19-5	000NONPJ	matrix spike, rec	6/6/2019	Organic	2-Chlorophenol	n/a	=	66	%	EPA 625	-88	-88	23	130	
2018/19-5	000NONPJ	matrix spike dup	6/6/2019	Organic	2-Chlorophenol	n/a	=	15.5	µg/L	EPA 625	2.8	10			
2018/19-5	000NONPJ	matrix spike dup, rec	6/6/2019	Organic	2-Chlorophenol	n/a	=	62	%	EPA 625	-88	-88	23	130	
2018/19-5	000NONPJ	matrix spike, RPD	6/6/2019	Organic	2-Chlorophenol	n/a	=	6	%	EPA 625	-88	-88	0	30	
2018/19-5	Lab	method blank	5/6/2019	Organic	2-Chlorophenol	n/a	<	0.28	µg/L	EPA 625	0.28	1			
2018/19-5	Lab	LCS dup	5/6/2019	Organic	2-Chlorophenol	n/a	=	13.4	µg/L	EPA 625	0.28	1			
2018/19-5	Lab	LCS dup, rec	5/6/2019	Organic	2-Chlorophenol	n/a	=	54	%	EPA 625	-88	-88	44	120	
2018/19-5	Lab	LCS, RPD	5/6/2019	Organic	2-Chlorophenol	n/a	=	19	%	EPA 625	-88	-88	0	30	
2018/19-5	Lab	LCS	5/7/2019	Organic	2-Chlorophenol	n/a	=	16.2	µg/L	EPA 625	0.28	1			
2018/19-5	Lab	LCS, rec	5/7/2019	Organic	2-Chlorophenol	n/a	=	65	%	EPA 625	-88	-88	44	120	
2018/19-5	Lab	method blank	5/21/2019	Organic	2-Chlorophenol	n/a	<	0.65	µg/L	EPA 8270C	0.65	1			
2018/19-5	Lab	LCS	5/21/2019	Organic	2-Chlorophenol	n/a	=	6.58	µg/L	EPA 8270C	0.65	1			
2018/19-5	Lab	LCS, rec	5/21/2019	Organic	2-Chlorophenol	n/a	=	66	%	EPA 8270C	-88	-88	27	90	
2018/19-5	Lab	LCS dup	5/21/2019	Organic	2-Chlorophenol	n/a	=	6.01	µg/L	EPA 8270C	0.65	1			
2018/19-5	Lab	LCS dup, rec	5/21/2019	Organic	2-Chlorophenol	n/a	=	60	%	EPA 8270C	-88	-88	27	90	
2018/19-5	Lab	LCS, RPD	5/21/2019	Organic	2-Chlorophenol	n/a	=	9	%	EPA 8270C	-88	-88	0	30	
2018/19-5	Lab	method blank	5/22/2019	Organic	2-Chlorophenol	n/a	<	0.65	µg/L	EPA 8270C	0.65	1			
2018/19-5	Lab	LCS	5/22/2019	Organic	2-Chlorophenol	n/a	=	7.03	µg/L	EPA 8270C	0.65	1			
2018/19-5	Lab	LCS, rec	5/22/2019	Organic	2-Chlorophenol	n/a	=	70	%	EPA 8270C	-88	-88	27	90	
2018/19-5	Lab	LCS dup	5/22/2019	Organic	2-Chlorophenol	n/a	=	6.09	µg/L	EPA 8270C	0.65	1			
2018/19-5	Lab	LCS dup, rec	5/22/2019	Organic	2-Chlorophenol	n/a	=	61	%	EPA 8270C	-88	-88	27	90	
2018/19-5	Lab	LCS, RPD	5/22/2019	Organic	2-Chlorophenol	n/a	=	14	%	EPA 8270C	-88	-88	0	30	
2018/19-5	Lab	method blank	5/24/2019	Organic	2-Chlorophenol	n/a	<	0.28	µg/L	EPA 625	0.28	1			
2018/19-5	Lab	LCS	5/24/2019	Organic	2-Chlorophenol	n/a	=	18.5	µg/L	EPA 625	0.28	1			
2018/19-5	Lab	LCS, rec	5/24/2019	Organic	2-Chlorophenol	n/a	=	74	%	EPA 625	-88	-88	44	120	
2018/19-5	Lab	LCS dup	5/24/2019	Organic	2-Chlorophenol	n/a	=	21	µg/L	EPA 625	0.28	1			
2018/19-5	Lab	LCS dup, rec	5/24/2019	Organic	2-Chlorophenol	n/a	=	84	%	EPA 625	-88	-88	44	120	
2018/19-5	Lab	LCS, RPD	5/24/2019	Organic	2-Chlorophenol	n/a	=	13	%	EPA 625	-88	-88	0	30	
2018/19-5	Lab	method blank	6/1/2019	Organic	2-Chlorophenol	n/a	<	0.28	µg/L	EPA 625	0.28	1			
2018/19-5	Lab	LCS dup	6/1/2019	Organic	2-Chlorophenol	n/a	=	16.8	µg/L	EPA 625	0.28	1			
2018/19-5	Lab	LCS dup, rec	6/1/2019	Organic	2-Chlorophenol	n/a	=	67	%	EPA 625	-88	-88	44	120	
2018/19-5	Lab	LCS, RPD	6/1/2019	Organic	2-Chlorophenol	n/a	=	16	%	EPA 625	-88	-88	0	30	
2018/19-5	Lab	LCS	6/1/2019	Organic	2-Chlorophenol	n/a	=	19.8	µg/L	EPA 625	0.28	1			
2018/19-5	Lab	LCS, rec	6/1/2019	Organic	2-Chlorophenol	n/a	=	79	%	EPA 625	-88	-88	44	120	
2018/19-5	Lab	method blank	6/3/2019	Organic	2-Chlorophenol	n/a	<	0.28	µg/L	EPA 625	0.28	1			
2018/19-5	Lab	LCS	6/3/2019	Organic	2-Chlorophenol	n/a	=	17.3	µg/L	EPA 625	0.28	1			
2018/19-5	Lab	LCS, rec	6/3/2019	Organic	2-Chlorophenol	n/a	=	69	%	EPA 625	-88	-88	44	120	
2018/19-5	Lab	method blank	6/6/2019	Organic	2-Chlorophenol	n/a	<	0.28	µg/L	EPA 625	0.28	1			
2018/19-5	Lab	LCS	6/6/2019	Organic	2-Chlorophenol	n/a	=	16.9	µg/L	EPA 625	0.28	1			
2018/19-5	Lab	LCS, rec	6/6/2019	Organic	2-Chlorophenol	n/a	=	68	%	EPA 625	-88	-88	44	120	
2018/19-5	000NONPJ	srgt matrix spike	5/7/2019	Organic	2-Fluorobiphenyl	n/a	=	9.76	µg/L	EPA 625	-88	-88			GN
2018/19-5	000NONPJ	srgt matrix spike, rec	5/7/2019	Organic	2-Fluorobiphenyl	n/a	=	39	%	EPA 625	-88	-88	43	120	GN
2018/19-5	000NONPJ	srgt matrix spike dup	5/7/2019	Organic	2-Fluorobiphenyl	n/a	=	11.3	µg/L	EPA 625	-88	-88			

Appendix F
Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2018/19-5	000NONPJ	srgt matrix spike dup, rec	5/7/2019	Organic	2-Fluorobiphenyl	n/a	=	45	%	EPA 625	-88	-88	43	120	
2018/19-5	000NONPJ	srgt matrix spike	6/6/2019	Organic	2-Fluorobiphenyl	n/a	=	15.5	µg/L	EPA 625	-88	-88			
2018/19-5	000NONPJ	srgt matrix spike, rec	6/6/2019	Organic	2-Fluorobiphenyl	n/a	=	62	%	EPA 625	-88	-88	43	120	
2018/19-5	000NONPJ	srgt matrix spike dup	6/6/2019	Organic	2-Fluorobiphenyl	n/a	=	16	µg/L	EPA 625	-88	-88			
2018/19-5	000NONPJ	srgt matrix spike dup, rec	6/6/2019	Organic	2-Fluorobiphenyl	n/a	=	64	%	EPA 625	-88	-88	43	120	
2018/19-5	Lab	srgt method blank	5/6/2019	Organic	2-Fluorobiphenyl	n/a	=	12.2	µg/L	EPA 625	-88	-88			
2018/19-5	Lab	srgt method blank, rec	5/6/2019	Organic	2-Fluorobiphenyl	n/a	=	49	%	EPA 625	-88	-88	43	120	
2018/19-5	Lab	srgt LCS dup	5/6/2019	Organic	2-Fluorobiphenyl	n/a	=	11.7	µg/L	EPA 625	-88	-88			
2018/19-5	Lab	srgt LCS dup, rec	5/6/2019	Organic	2-Fluorobiphenyl	n/a	=	47	%	EPA 625	-88	-88	43	120	
2018/19-5	Lab	srgt LCS	5/7/2019	Organic	2-Fluorobiphenyl	n/a	=	15.4	µg/L	EPA 625	-88	-88			
2018/19-5	Lab	srgt LCS, rec	5/7/2019	Organic	2-Fluorobiphenyl	n/a	=	61	%	EPA 625	-88	-88	43	120	
2018/19-5	Lab	srgt method blank	5/24/2019	Organic	2-Fluorobiphenyl	n/a	=	15.6	µg/L	EPA 625	-88	-88			
2018/19-5	Lab	srgt method blank, rec	5/24/2019	Organic	2-Fluorobiphenyl	n/a	=	62	%	EPA 625	-88	-88	43	120	
2018/19-5	Lab	srgt LCS	5/24/2019	Organic	2-Fluorobiphenyl	n/a	=	17.7	µg/L	EPA 625	-88	-88			
2018/19-5	Lab	srgt LCS, rec	5/24/2019	Organic	2-Fluorobiphenyl	n/a	=	71	%	EPA 625	-88	-88	43	120	
2018/19-5	Lab	srgt LCS dup	5/24/2019	Organic	2-Fluorobiphenyl	n/a	=	20.2	µg/L	EPA 625	-88	-88			
2018/19-5	Lab	srgt LCS dup, rec	5/24/2019	Organic	2-Fluorobiphenyl	n/a	=	81	%	EPA 625	-88	-88	43	120	
2018/19-5	Lab	srgt method blank	6/1/2019	Organic	2-Fluorobiphenyl	n/a	=	15.2	µg/L	EPA 625	-88	-88			
2018/19-5	Lab	srgt method blank, rec	6/1/2019	Organic	2-Fluorobiphenyl	n/a	=	61	%	EPA 625	-88	-88	43	120	
2018/19-5	Lab	srgt LCS dup	6/1/2019	Organic	2-Fluorobiphenyl	n/a	=	15	µg/L	EPA 625	-88	-88			
2018/19-5	Lab	srgt LCS dup, rec	6/1/2019	Organic	2-Fluorobiphenyl	n/a	=	60	%	EPA 625	-88	-88	43	120	
2018/19-5	Lab	srgt LCS	6/1/2019	Organic	2-Fluorobiphenyl	n/a	=	19	µg/L	EPA 625	-88	-88			
2018/19-5	Lab	srgt LCS, rec	6/1/2019	Organic	2-Fluorobiphenyl	n/a	=	76	%	EPA 625	-88	-88	43	120	
2018/19-5	Lab	srgt method blank	6/3/2019	Organic	2-Fluorobiphenyl	n/a	=	16.4	µg/L	EPA 625	-88	-88			
2018/19-5	Lab	srgt method blank, rec	6/3/2019	Organic	2-Fluorobiphenyl	n/a	=	65	%	EPA 625	-88	-88	43	120	
2018/19-5	Lab	srgt LCS	6/3/2019	Organic	2-Fluorobiphenyl	n/a	=	16	µg/L	EPA 625	-88	-88			
2018/19-5	Lab	srgt LCS, rec	6/3/2019	Organic	2-Fluorobiphenyl	n/a	=	64	%	EPA 625	-88	-88	43	120	
2018/19-5	Lab	srgt method blank	6/6/2019	Organic	2-Fluorobiphenyl	n/a	=	16	µg/L	EPA 625	-88	-88			
2018/19-5	Lab	srgt method blank, rec	6/6/2019	Organic	2-Fluorobiphenyl	n/a	=	64	%	EPA 625	-88	-88	43	120	
2018/19-5	Lab	srgt LCS	6/6/2019	Organic	2-Fluorobiphenyl	n/a	=	16	µg/L	EPA 625	-88	-88			
2018/19-5	Lab	srgt LCS, rec	6/6/2019	Organic	2-Fluorobiphenyl	n/a	=	64	%	EPA 625	-88	-88	43	120	
2018/19-5	Lab	srgt method blank	6/6/2019	Organic	2-Fluorobiphenyl	n/a	=	14.9	µg/L	EPA 625	-88	-88			
2018/19-5	Lab	srgt method blank, rec	6/6/2019	Organic	2-Fluorobiphenyl	n/a	=	60	%	EPA 625	-88	-88	43	120	
2018/19-5	Lab	srgt LCS	6/6/2019	Organic	2-Fluorobiphenyl	n/a	=	15	µg/L	EPA 625	-88	-88			
2018/19-5	Lab	srgt LCS, rec	6/6/2019	Organic	2-Fluorobiphenyl	n/a	=	60	%	EPA 625	-88	-88	43	120	
2018/19-5	Lab	srgt LCS dup	6/6/2019	Organic	2-Fluorobiphenyl	n/a	=	18.8	µg/L	EPA 625	-88	-88			
2018/19-5	Lab	srgt LCS dup, rec	6/6/2019	Organic	2-Fluorobiphenyl	n/a	=	75	%	EPA 625	-88	-88	43	120	
2018/19-5	Lab	srgt method blank	6/7/2019	Organic	2-Fluorobiphenyl	n/a	=	3.26	µg/L	EPA 8270C	-88	-88			
2018/19-5	Lab	srgt method blank, rec	6/7/2019	Organic	2-Fluorobiphenyl	n/a	=	65	%	EPA 8270C	-88	-88	51	139	
2018/19-5	Lab	srgt LCS	6/7/2019	Organic	2-Fluorobiphenyl	n/a	=	3.77	µg/L	EPA 8270C	-88	-88			
2018/19-5	Lab	srgt LCS, rec	6/7/2019	Organic	2-Fluorobiphenyl	n/a	=	75	%	EPA 8270C	-88	-88	51	139	
2018/19-5	Lab	srgt LCS dup	6/8/2019	Organic	2-Fluorobiphenyl	n/a	=	3.29	µg/L	EPA 8270C	-88	-88			
2018/19-5	Lab	srgt LCS dup, rec	6/8/2019	Organic	2-Fluorobiphenyl	n/a	=	66	%	EPA 8270C	-88	-88	51	139	
2018/19-5	Lab	srgt method blank	6/8/2019	Organic	2-Fluorobiphenyl	n/a	=	3.74	µg/L	EPA 8270C	-88	-88			
2018/19-5	Lab	srgt method blank, rec	6/8/2019	Organic	2-Fluorobiphenyl	n/a	=	75	%	EPA 8270C	-88	-88	51	139	
2018/19-5	Lab	srgt LCS	6/8/2019	Organic	2-Fluorobiphenyl	n/a	=	3.82	µg/L	EPA 8270C	-88	-88			
2018/19-5	Lab	srgt LCS, rec	6/8/2019	Organic	2-Fluorobiphenyl	n/a	=	76	%	EPA 8270C	-88	-88	51	139	

Appendix F
Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2018/19-5	Lab	srgt LCS dup	6/8/2019	Organic	2-Fluorobiphenyl	n/a	=	3.41	µg/L	EPA 8270C	-88	-88			
2018/19-5	Lab	srgt LCS dup, rec	6/8/2019	Organic	2-Fluorobiphenyl	n/a	=	68	%	EPA 8270C	-88	-88	51	139	
2018/19-5	ME-CC	srgt environ	5/24/2019	Organic	2-Fluorobiphenyl	n/a	=	15.7	µg/L	EPA 625	-88	-88			
2018/19-5	ME-CC	srgt environ, rec	5/24/2019	Organic	2-Fluorobiphenyl	n/a	=	63	%	EPA 625	-88	-88	43	120	
2018/19-5	ME-CC	srgt environ	6/8/2019	Organic	2-Fluorobiphenyl	n/a	=	3.6	µg/L	EPA 8270C	-88	-88			
2018/19-5	ME-CC	srgt environ, rec	6/8/2019	Organic	2-Fluorobiphenyl	n/a	=	72	%	EPA 8270C	-88	-88	51	139	
2018/19-5	ME-SCR	srgt environ	6/1/2019	Organic	2-Fluorobiphenyl	n/a	=	15.6	µg/L	EPA 625	-88	-88			
2018/19-5	ME-SCR	srgt environ, rec	6/1/2019	Organic	2-Fluorobiphenyl	n/a	=	62	%	EPA 625	-88	-88	43	120	
2018/19-5	ME-SCR	srgt environ	6/8/2019	Organic	2-Fluorobiphenyl	n/a	=	3.53	µg/L	EPA 8270C	-88	-88			
2018/19-5	ME-SCR	srgt environ, rec	6/8/2019	Organic	2-Fluorobiphenyl	n/a	=	71	%	EPA 8270C	-88	-88	51	139	
2018/19-5	ME-VR2	srgt environ	6/3/2019	Organic	2-Fluorobiphenyl	n/a	=	18	µg/L	EPA 625	-88	-88			
2018/19-5	ME-VR2	srgt environ, rec	6/3/2019	Organic	2-Fluorobiphenyl	n/a	=	72	%	EPA 625	-88	-88	43	120	
2018/19-5	ME-VR2	srgt environ	6/8/2019	Organic	2-Fluorobiphenyl	n/a	=	3.79	µg/L	EPA 8270C	-88	-88			
2018/19-5	ME-VR2	srgt environ, rec	6/8/2019	Organic	2-Fluorobiphenyl	n/a	=	76	%	EPA 8270C	-88	-88	51	139	
2018/19-5	MO-CAM	srgt environ	5/24/2019	Organic	2-Fluorobiphenyl	n/a	=	10.1	µg/L	EPA 625	-88	-88			GN
2018/19-5	MO-CAM	srgt environ, rec	5/24/2019	Organic	2-Fluorobiphenyl	n/a	=	40	%	EPA 625	-88	-88	43	120	GN
2018/19-5	MO-CAM	srgt environ	6/8/2019	Organic	2-Fluorobiphenyl	n/a	=	2.03	µg/L	EPA 8270C	-88	-88			GN
2018/19-5	MO-CAM	srgt environ, rec	6/8/2019	Organic	2-Fluorobiphenyl	n/a	=	41	%	EPA 8270C	-88	-88	51	139	GN
2018/19-5	MO-FIL	srgt environ	6/1/2019	Organic	2-Fluorobiphenyl	n/a	=	15.4	µg/L	EPA 625	-88	-88			
2018/19-5	MO-FIL	srgt environ, rec	6/1/2019	Organic	2-Fluorobiphenyl	n/a	=	62	%	EPA 625	-88	-88	43	120	
2018/19-5	MO-FIL	srgt environ	6/8/2019	Organic	2-Fluorobiphenyl	n/a	=	3.44	µg/L	EPA 8270C	-88	-88			
2018/19-5	MO-FIL	srgt environ, rec	6/8/2019	Organic	2-Fluorobiphenyl	n/a	=	69	%	EPA 8270C	-88	-88	51	139	
2018/19-5	MO-HUE	srgt environ	6/3/2019	Organic	2-Fluorobiphenyl	n/a	=	14.1	µg/L	EPA 625	-88	-88			
2018/19-5	MO-HUE	srgt environ, rec	6/3/2019	Organic	2-Fluorobiphenyl	n/a	=	57	%	EPA 625	-88	-88	43	120	
2018/19-5	MO-HUE	srgt environ	6/8/2019	Organic	2-Fluorobiphenyl	n/a	=	3.34	µg/L	EPA 8270C	-88	-88			
2018/19-5	MO-HUE	srgt environ, rec	6/8/2019	Organic	2-Fluorobiphenyl	n/a	=	67	%	EPA 8270C	-88	-88	51	139	
2018/19-5	MO-MPK	srgt environ	5/24/2019	Organic	2-Fluorobiphenyl	n/a	=	13.7	µg/L	EPA 625	-88	-88			
2018/19-5	MO-MPK	srgt environ, rec	5/24/2019	Organic	2-Fluorobiphenyl	n/a	=	55	%	EPA 625	-88	-88	43	120	
2018/19-5	MO-MPK	srgt environ	6/8/2019	Organic	2-Fluorobiphenyl	n/a	=	1.98	µg/L	EPA 8270C	-88	-88			GN
2018/19-5	MO-MPK	srgt environ, rec	6/8/2019	Organic	2-Fluorobiphenyl	n/a	=	40	%	EPA 8270C	-88	-88	51	139	GN
2018/19-5	MO-OJA	srgt environ	6/3/2019	Organic	2-Fluorobiphenyl	n/a	=	13.5	µg/L	EPA 625	-88	-88			
2018/19-5	MO-OJA	srgt environ, rec	6/3/2019	Organic	2-Fluorobiphenyl	n/a	=	54	%	EPA 625	-88	-88	43	120	
2018/19-5	MO-OJA	srgt environ	6/8/2019	Organic	2-Fluorobiphenyl	n/a	=	3.09	µg/L	EPA 8270C	-88	-88			
2018/19-5	MO-OJA	srgt environ, rec	6/8/2019	Organic	2-Fluorobiphenyl	n/a	=	62	%	EPA 8270C	-88	-88	51	139	
2018/19-5	MO-SIM	srgt environ	5/24/2019	Organic	2-Fluorobiphenyl	n/a	=	2.26	µg/L	EPA 625	-88	-88			GN
2018/19-5	MO-SIM	srgt environ, rec	5/24/2019	Organic	2-Fluorobiphenyl	n/a	=	9	%	EPA 625	-88	-88	43	120	GN
2018/19-5	MO-SIM	srgt environ	6/8/2019	Organic	2-Fluorobiphenyl	n/a	=	3.41	µg/L	EPA 8270C	-88	-88			
2018/19-5	MO-SIM	srgt environ, rec	6/8/2019	Organic	2-Fluorobiphenyl	n/a	=	68	%	EPA 8270C	-88	-88	51	139	
2018/19-5	MO-THO	srgt environ	5/24/2019	Organic	2-Fluorobiphenyl	n/a	=	16	µg/L	EPA 625	-88	-88			
2018/19-5	MO-THO	srgt environ, rec	5/24/2019	Organic	2-Fluorobiphenyl	n/a	=	64	%	EPA 625	-88	-88	43	120	
2018/19-5	MO-THO	srgt environ	6/8/2019	Organic	2-Fluorobiphenyl	n/a	=	3.7	µg/L	EPA 8270C	-88	-88			
2018/19-5	MO-THO	srgt environ, rec	6/8/2019	Organic	2-Fluorobiphenyl	n/a	=	74	%	EPA 8270C	-88	-88	51	139	
2018/19-5	MO-VEN	srgt environ	6/1/2019	Organic	2-Fluorobiphenyl	n/a	=	2.6	µg/L	EPA 625	-88	-88			GN
2018/19-5	MO-VEN	srgt environ, rec	6/1/2019	Organic	2-Fluorobiphenyl	n/a	=	10	%	EPA 625	-88	-88	43	120	GN
2018/19-5	MO-VEN	srgt environ	6/8/2019	Organic	2-Fluorobiphenyl	n/a	=	0.449	µg/L	EPA 8270C	-88	-88			GN
2018/19-5	MO-VEN	srgt environ, rec	6/8/2019	Organic	2-Fluorobiphenyl	n/a	=	9	%	EPA 8270C	-88	-88	51	139	GN
2018/19-5	000NONPJ	srgt matrix spike	5/7/2019	Organic	2-Fluorophenol	n/a	=	15.2	µg/L	EPA 625	-88	-88			GN

Appendix F
Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2018/19-5	000NONPJ	srgt matrix spike, rec	5/7/2019	Organic	2-Fluorophenol	n/a	=	30	%	EPA 625	-88	-88	31	100	GN
2018/19-5	000NONPJ	srgt matrix spike dup	5/7/2019	Organic	2-Fluorophenol	n/a	=	16.5	µg/L	EPA 625	-88	-88			
2018/19-5	000NONPJ	srgt matrix spike dup, rec	5/7/2019	Organic	2-Fluorophenol	n/a	=	33	%	EPA 625	-88	-88	31	100	
2018/19-5	000NONPJ	srgt matrix spike	6/6/2019	Organic	2-Fluorophenol	n/a	=	17.7	µg/L	EPA 625	-88	-88			
2018/19-5	000NONPJ	srgt matrix spike, rec	6/6/2019	Organic	2-Fluorophenol	n/a	=	35	%	EPA 625	-88	-88	31	100	
2018/19-5	000NONPJ	srgt matrix spike dup	6/6/2019	Organic	2-Fluorophenol	n/a	=	17.8	µg/L	EPA 625	-88	-88			
2018/19-5	000NONPJ	srgt matrix spike dup, rec	6/6/2019	Organic	2-Fluorophenol	n/a	=	36	%	EPA 625	-88	-88	31	100	
2018/19-5	Lab	srgt method blank	5/6/2019	Organic	2-Fluorophenol	n/a	=	18.8	µg/L	EPA 625	-88	-88			
2018/19-5	Lab	srgt method blank, rec	5/6/2019	Organic	2-Fluorophenol	n/a	=	38	%	EPA 625	-88	-88	31	100	
2018/19-5	Lab	srgt LCS dup	5/6/2019	Organic	2-Fluorophenol	n/a	=	17.3	µg/L	EPA 625	-88	-88			
2018/19-5	Lab	srgt LCS dup, rec	5/6/2019	Organic	2-Fluorophenol	n/a	=	35	%	EPA 625	-88	-88	31	100	
2018/19-5	Lab	srgt LCS	5/7/2019	Organic	2-Fluorophenol	n/a	=	20.6	µg/L	EPA 625	-88	-88			
2018/19-5	Lab	srgt LCS, rec	5/7/2019	Organic	2-Fluorophenol	n/a	=	41	%	EPA 625	-88	-88	31	100	
2018/19-5	Lab	srgt method blank	5/21/2019	Organic	2-Fluorophenol	n/a	=	3.79	µg/L	EPA 8270C	-88	-88			
2018/19-5	Lab	srgt method blank, rec	5/21/2019	Organic	2-Fluorophenol	n/a	=	38	%	EPA 8270C	-88	-88	11	62	
2018/19-5	Lab	srgt LCS	5/21/2019	Organic	2-Fluorophenol	n/a	=	4.03	µg/L	EPA 8270C	-88	-88			
2018/19-5	Lab	srgt LCS, rec	5/21/2019	Organic	2-Fluorophenol	n/a	=	40	%	EPA 8270C	-88	-88	11	62	
2018/19-5	Lab	srgt LCS dup	5/21/2019	Organic	2-Fluorophenol	n/a	=	3.6	µg/L	EPA 8270C	-88	-88			
2018/19-5	Lab	srgt LCS dup, rec	5/21/2019	Organic	2-Fluorophenol	n/a	=	36	%	EPA 8270C	-88	-88	11	62	
2018/19-5	Lab	srgt method blank	5/22/2019	Organic	2-Fluorophenol	n/a	=	4.48	µg/L	EPA 8270C	-88	-88			
2018/19-5	Lab	srgt method blank, rec	5/22/2019	Organic	2-Fluorophenol	n/a	=	45	%	EPA 8270C	-88	-88	11	62	
2018/19-5	Lab	srgt LCS	5/22/2019	Organic	2-Fluorophenol	n/a	=	4.3	µg/L	EPA 8270C	-88	-88			
2018/19-5	Lab	srgt LCS, rec	5/22/2019	Organic	2-Fluorophenol	n/a	=	43	%	EPA 8270C	-88	-88	11	62	
2018/19-5	Lab	srgt LCS dup	5/22/2019	Organic	2-Fluorophenol	n/a	=	3.62	µg/L	EPA 8270C	-88	-88			
2018/19-5	Lab	srgt LCS dup, rec	5/22/2019	Organic	2-Fluorophenol	n/a	=	36	%	EPA 8270C	-88	-88	11	62	
2018/19-5	Lab	srgt method blank	5/24/2019	Organic	2-Fluorophenol	n/a	=	21.4	µg/L	EPA 625	-88	-88			
2018/19-5	Lab	srgt method blank, rec	5/24/2019	Organic	2-Fluorophenol	n/a	=	43	%	EPA 625	-88	-88	31	100	
2018/19-5	Lab	srgt LCS	5/24/2019	Organic	2-Fluorophenol	n/a	=	23.1	µg/L	EPA 625	-88	-88			
2018/19-5	Lab	srgt LCS, rec	5/24/2019	Organic	2-Fluorophenol	n/a	=	46	%	EPA 625	-88	-88	31	100	
2018/19-5	Lab	srgt LCS dup	5/24/2019	Organic	2-Fluorophenol	n/a	=	25.6	µg/L	EPA 625	-88	-88			
2018/19-5	Lab	srgt LCS dup, rec	5/24/2019	Organic	2-Fluorophenol	n/a	=	51	%	EPA 625	-88	-88	31	100	
2018/19-5	Lab	srgt method blank	6/1/2019	Organic	2-Fluorophenol	n/a	=	22.9	µg/L	EPA 625	-88	-88			
2018/19-5	Lab	srgt method blank, rec	6/1/2019	Organic	2-Fluorophenol	n/a	=	46	%	EPA 625	-88	-88	31	100	
2018/19-5	Lab	srgt LCS dup	6/1/2019	Organic	2-Fluorophenol	n/a	=	21.7	µg/L	EPA 625	-88	-88			
2018/19-5	Lab	srgt LCS dup, rec	6/1/2019	Organic	2-Fluorophenol	n/a	=	43	%	EPA 625	-88	-88	31	100	
2018/19-5	Lab	srgt LCS	6/1/2019	Organic	2-Fluorophenol	n/a	=	25.3	µg/L	EPA 625	-88	-88			
2018/19-5	Lab	srgt LCS, rec	6/1/2019	Organic	2-Fluorophenol	n/a	=	51	%	EPA 625	-88	-88	31	100	
2018/19-5	Lab	srgt method blank	6/3/2019	Organic	2-Fluorophenol	n/a	=	24.7	µg/L	EPA 625	-88	-88			
2018/19-5	Lab	srgt method blank, rec	6/3/2019	Organic	2-Fluorophenol	n/a	=	49	%	EPA 625	-88	-88	31	100	
2018/19-5	Lab	srgt LCS	6/3/2019	Organic	2-Fluorophenol	n/a	=	23.2	µg/L	EPA 625	-88	-88			
2018/19-5	Lab	srgt LCS, rec	6/3/2019	Organic	2-Fluorophenol	n/a	=	46	%	EPA 625	-88	-88	31	100	
2018/19-5	Lab	srgt method blank	6/6/2019	Organic	2-Fluorophenol	n/a	=	23.4	µg/L	EPA 625	-88	-88			
2018/19-5	Lab	srgt method blank, rec	6/6/2019	Organic	2-Fluorophenol	n/a	=	47	%	EPA 625	-88	-88	31	100	
2018/19-5	Lab	srgt LCS	6/6/2019	Organic	2-Fluorophenol	n/a	=	21.9	µg/L	EPA 625	-88	-88			
2018/19-5	Lab	srgt LCS, rec	6/6/2019	Organic	2-Fluorophenol	n/a	=	44	%	EPA 625	-88	-88	31	100	
2018/19-5	Lab	srgt method blank	6/6/2019	Organic	2-Fluorophenol	n/a	=	21.2	µg/L	EPA 625	-88	-88			
2018/19-5	Lab	srgt method blank, rec	6/6/2019	Organic	2-Fluorophenol	n/a	=	42	%	EPA 625	-88	-88	31	100	

Appendix F
Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2018/19-5	Lab	srgt LCS	6/6/2019	Organic	2-Fluorophenol	n/a	=	20.1	µg/L	EPA 625	-88	-88			
2018/19-5	Lab	srgt LCS, rec	6/6/2019	Organic	2-Fluorophenol	n/a	=	40	%	EPA 625	-88	-88	31	100	
2018/19-5	Lab	srgt LCS dup	6/6/2019	Organic	2-Fluorophenol	n/a	=	23.2	µg/L	EPA 625	-88	-88			
2018/19-5	Lab	srgt LCS dup, rec	6/6/2019	Organic	2-Fluorophenol	n/a	=	46	%	EPA 625	-88	-88	31	100	
2018/19-5	ME-CC	srgt environ	5/22/2019	Organic	2-Fluorophenol	n/a	=	3.93	µg/L	EPA 8270C	-88	-88			
2018/19-5	ME-CC	srgt environ, rec	5/22/2019	Organic	2-Fluorophenol	n/a	=	39	%	EPA 8270C	-88	-88	11	62	
2018/19-5	ME-CC	srgt environ	5/24/2019	Organic	2-Fluorophenol	n/a	=	21.7	µg/L	EPA 625	-88	-88			
2018/19-5	ME-CC	srgt environ, rec	5/24/2019	Organic	2-Fluorophenol	n/a	=	43	%	EPA 625	-88	-88	31	100	
2018/19-5	ME-SCR	srgt environ	5/21/2019	Organic	2-Fluorophenol	n/a	=	3.54	µg/L	EPA 8270C	-88	-88			
2018/19-5	ME-SCR	srgt environ, rec	5/21/2019	Organic	2-Fluorophenol	n/a	=	35	%	EPA 8270C	-88	-88	11	62	
2018/19-5	ME-SCR	srgt environ	6/1/2019	Organic	2-Fluorophenol	n/a	=	20.7	µg/L	EPA 625	-88	-88			
2018/19-5	ME-SCR	srgt environ, rec	6/1/2019	Organic	2-Fluorophenol	n/a	=	41	%	EPA 625	-88	-88	31	100	
2018/19-5	ME-VR2	srgt environ	5/22/2019	Organic	2-Fluorophenol	n/a	=	4.33	µg/L	EPA 8270C	-88	-88			
2018/19-5	ME-VR2	srgt environ, rec	5/22/2019	Organic	2-Fluorophenol	n/a	=	43	%	EPA 8270C	-88	-88	11	62	
2018/19-5	ME-VR2	srgt environ	6/3/2019	Organic	2-Fluorophenol	n/a	=	23.1	µg/L	EPA 625	-88	-88			
2018/19-5	ME-VR2	srgt environ, rec	6/3/2019	Organic	2-Fluorophenol	n/a	=	46	%	EPA 625	-88	-88	31	100	
2018/19-5	MO-CAM	srgt environ	5/22/2019	Organic	2-Fluorophenol	n/a	=	2.74	µg/L	EPA 8270C	-88	-88			
2018/19-5	MO-CAM	srgt environ, rec	5/22/2019	Organic	2-Fluorophenol	n/a	=	27	%	EPA 8270C	-88	-88	11	62	
2018/19-5	MO-CAM	srgt environ	5/24/2019	Organic	2-Fluorophenol	n/a	=	16.7	µg/L	EPA 625	-88	-88			
2018/19-5	MO-CAM	srgt environ, rec	5/24/2019	Organic	2-Fluorophenol	n/a	=	33	%	EPA 625	-88	-88	31	100	
2018/19-5	MO-FIL	srgt environ	5/21/2019	Organic	2-Fluorophenol	n/a	=	3.97	µg/L	EPA 8270C	-88	-88			
2018/19-5	MO-FIL	srgt environ, rec	5/21/2019	Organic	2-Fluorophenol	n/a	=	40	%	EPA 8270C	-88	-88	11	62	
2018/19-5	MO-FIL	srgt environ	6/1/2019	Organic	2-Fluorophenol	n/a	=	20.5	µg/L	EPA 625	-88	-88			
2018/19-5	MO-FIL	srgt environ, rec	6/1/2019	Organic	2-Fluorophenol	n/a	=	41	%	EPA 625	-88	-88	31	100	
2018/19-5	MO-HUE	srgt environ	5/22/2019	Organic	2-Fluorophenol	n/a	=	3.39	µg/L	EPA 8270C	-88	-88			
2018/19-5	MO-HUE	srgt environ, rec	5/22/2019	Organic	2-Fluorophenol	n/a	=	34	%	EPA 8270C	-88	-88	11	62	
2018/19-5	MO-HUE	srgt environ	6/3/2019	Organic	2-Fluorophenol	n/a	=	20.8	µg/L	EPA 625	-88	-88			
2018/19-5	MO-HUE	srgt environ, rec	6/3/2019	Organic	2-Fluorophenol	n/a	=	42	%	EPA 625	-88	-88	31	100	
2018/19-5	MO-MPK	srgt environ	5/22/2019	Organic	2-Fluorophenol	n/a	=	2.69	µg/L	EPA 8270C	-88	-88			
2018/19-5	MO-MPK	srgt environ, rec	5/22/2019	Organic	2-Fluorophenol	n/a	=	27	%	EPA 8270C	-88	-88	11	62	
2018/19-5	MO-MPK	srgt environ	5/24/2019	Organic	2-Fluorophenol	n/a	=	17.9	µg/L	EPA 625	-88	-88			
2018/19-5	MO-MPK	srgt environ, rec	5/24/2019	Organic	2-Fluorophenol	n/a	=	36	%	EPA 625	-88	-88	31	100	
2018/19-5	MO-OJA	srgt environ	5/22/2019	Organic	2-Fluorophenol	n/a	=	3.49	µg/L	EPA 8270C	-88	-88			
2018/19-5	MO-OJA	srgt environ, rec	5/22/2019	Organic	2-Fluorophenol	n/a	=	35	%	EPA 8270C	-88	-88	11	62	
2018/19-5	MO-OJA	srgt environ	6/3/2019	Organic	2-Fluorophenol	n/a	=	20	µg/L	EPA 625	-88	-88			
2018/19-5	MO-OJA	srgt environ, rec	6/3/2019	Organic	2-Fluorophenol	n/a	=	40	%	EPA 625	-88	-88	31	100	
2018/19-5	MO-SIM	srgt environ	5/22/2019	Organic	2-Fluorophenol	n/a	=	3.69	µg/L	EPA 8270C	-88	-88			
2018/19-5	MO-SIM	srgt environ, rec	5/22/2019	Organic	2-Fluorophenol	n/a	=	37	%	EPA 8270C	-88	-88	11	62	
2018/19-5	MO-SIM	srgt environ	5/24/2019	Organic	2-Fluorophenol	n/a	=	3	µg/L	EPA 625	-88	-88			GN
2018/19-5	MO-SIM	srgt environ, rec	5/24/2019	Organic	2-Fluorophenol	n/a	=	6	%	EPA 625	-88	-88	31	100	GN
2018/19-5	MO-THO	srgt environ	5/22/2019	Organic	2-Fluorophenol	n/a	=	4.05	µg/L	EPA 8270C	-88	-88			
2018/19-5	MO-THO	srgt environ, rec	5/22/2019	Organic	2-Fluorophenol	n/a	=	40	%	EPA 8270C	-88	-88	11	62	
2018/19-5	MO-THO	srgt environ	5/24/2019	Organic	2-Fluorophenol	n/a	=	23.6	µg/L	EPA 625	-88	-88			
2018/19-5	MO-THO	srgt environ, rec	5/24/2019	Organic	2-Fluorophenol	n/a	=	47	%	EPA 625	-88	-88	31	100	
2018/19-5	MO-VEN	srgt environ	5/21/2019	Organic	2-Fluorophenol	n/a	=	0.518	µg/L	EPA 8270C	-88	-88			GN
2018/19-5	MO-VEN	srgt environ, rec	5/21/2019	Organic	2-Fluorophenol	n/a	=	5	%	EPA 8270C	-88	-88	11	62	GN
2018/19-5	MO-VEN	srgt environ	6/1/2019	Organic	2-Fluorophenol	n/a	=	4.28	µg/L	EPA 625	-88	-88			GN

Appendix F
Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2018/19-5	MO-VEN	srgt environ, rec	6/1/2019	Organic	2-Fluorophenol	n/a	=	9	%	EPA 625	-88	-88	31	100	GN
2018/19-5	Lab	method blank	6/7/2019	Organic	2-Methylnaphthalene	n/a	<	0.1	µg/L	EPA 8270C	0.1	0.1			
2018/19-5	Lab	method blank	6/8/2019	Organic	2-Methylnaphthalene	n/a	<	0.1	µg/L	EPA 8270C	0.1	0.1			
2018/19-5	Lab	method blank	5/21/2019	Organic	2-Methylphenol	n/a	<	0.34	µg/L	EPA 8270C	0.34	1			
2018/19-5	Lab	method blank	5/22/2019	Organic	2-Methylphenol	n/a	<	0.34	µg/L	EPA 8270C	0.34	1			
2018/19-5	000NONPJ	matrix spike	5/7/2019	Organic	2-Nitrophenol	n/a	=	16.9	µg/L	EPA 625	0.26	1			
2018/19-5	000NONPJ	matrix spike, rec	5/7/2019	Organic	2-Nitrophenol	n/a	=	67	%	EPA 625	-88	-88	37	130	
2018/19-5	000NONPJ	matrix spike dup	5/7/2019	Organic	2-Nitrophenol	n/a	=	19.3	µg/L	EPA 625	0.26	1			
2018/19-5	000NONPJ	matrix spike dup, rec	5/7/2019	Organic	2-Nitrophenol	n/a	=	77	%	EPA 625	-88	-88	37	130	
2018/19-5	000NONPJ	matrix spike, RPD	5/7/2019	Organic	2-Nitrophenol	n/a	=	14	%	EPA 625	-88	-88	0	30	
2018/19-5	000NONPJ	matrix spike	6/6/2019	Organic	2-Nitrophenol	n/a	=	17	µg/L	EPA 625	2.6	10			
2018/19-5	000NONPJ	matrix spike, rec	6/6/2019	Organic	2-Nitrophenol	n/a	=	68	%	EPA 625	-88	-88	37	130	
2018/19-5	000NONPJ	matrix spike dup	6/6/2019	Organic	2-Nitrophenol	n/a	=	16.2	µg/L	EPA 625	2.6	10			
2018/19-5	000NONPJ	matrix spike dup, rec	6/6/2019	Organic	2-Nitrophenol	n/a	=	65	%	EPA 625	-88	-88	37	130	
2018/19-5	000NONPJ	matrix spike, RPD	6/6/2019	Organic	2-Nitrophenol	n/a	=	5	%	EPA 625	-88	-88	0	30	
2018/19-5	Lab	method blank	5/6/2019	Organic	2-Nitrophenol	n/a	<	0.26	µg/L	EPA 625	0.26	1			
2018/19-5	Lab	LCS dup	5/6/2019	Organic	2-Nitrophenol	n/a	=	18.9	µg/L	EPA 625	0.26	1			
2018/19-5	Lab	LCS dup, rec	5/6/2019	Organic	2-Nitrophenol	n/a	=	76	%	EPA 625	-88	-88	41	130	
2018/19-5	Lab	LCS, RPD	5/6/2019	Organic	2-Nitrophenol	n/a	=	20	%	EPA 625	-88	-88	0	30	
2018/19-5	Lab	LCS	5/7/2019	Organic	2-Nitrophenol	n/a	=	23.3	µg/L	EPA 625	0.26	1			
2018/19-5	Lab	LCS, rec	5/7/2019	Organic	2-Nitrophenol	n/a	=	93	%	EPA 625	-88	-88	41	130	
2018/19-5	Lab	method blank	5/21/2019	Organic	2-Nitrophenol	n/a	<	0.71	µg/L	EPA 8270C	0.71	1			
2018/19-5	Lab	LCS	5/21/2019	Organic	2-Nitrophenol	n/a	=	8.64	µg/L	EPA 8270C	0.71	1			
2018/19-5	Lab	LCS, rec	5/21/2019	Organic	2-Nitrophenol	n/a	=	86	%	EPA 8270C	-88	-88	33	103	
2018/19-5	Lab	LCS dup	5/21/2019	Organic	2-Nitrophenol	n/a	=	7.91	µg/L	EPA 8270C	0.71	1			
2018/19-5	Lab	LCS dup, rec	5/21/2019	Organic	2-Nitrophenol	n/a	=	79	%	EPA 8270C	-88	-88	33	103	
2018/19-5	Lab	LCS, RPD	5/21/2019	Organic	2-Nitrophenol	n/a	=	9	%	EPA 8270C	-88	-88	0	30	
2018/19-5	Lab	method blank	5/22/2019	Organic	2-Nitrophenol	n/a	<	0.71	µg/L	EPA 8270C	0.71	1			
2018/19-5	Lab	LCS	5/22/2019	Organic	2-Nitrophenol	n/a	=	9.79	µg/L	EPA 8270C	0.71	1			
2018/19-5	Lab	LCS, rec	5/22/2019	Organic	2-Nitrophenol	n/a	=	98	%	EPA 8270C	-88	-88	33	103	
2018/19-5	Lab	LCS dup	5/22/2019	Organic	2-Nitrophenol	n/a	=	8.9	µg/L	EPA 8270C	0.71	1			
2018/19-5	Lab	LCS dup, rec	5/22/2019	Organic	2-Nitrophenol	n/a	=	89	%	EPA 8270C	-88	-88	33	103	
2018/19-5	Lab	LCS, RPD	5/22/2019	Organic	2-Nitrophenol	n/a	=	10	%	EPA 8270C	-88	-88	0	30	
2018/19-5	Lab	method blank	5/24/2019	Organic	2-Nitrophenol	n/a	<	0.26	µg/L	EPA 625	0.26	1			
2018/19-5	Lab	LCS	5/24/2019	Organic	2-Nitrophenol	n/a	=	19.8	µg/L	EPA 625	0.26	1			
2018/19-5	Lab	LCS, rec	5/24/2019	Organic	2-Nitrophenol	n/a	=	79	%	EPA 625	-88	-88	41	130	
2018/19-5	Lab	LCS dup	5/24/2019	Organic	2-Nitrophenol	n/a	=	22.7	µg/L	EPA 625	0.26	1			
2018/19-5	Lab	LCS dup, rec	5/24/2019	Organic	2-Nitrophenol	n/a	=	91	%	EPA 625	-88	-88	41	130	
2018/19-5	Lab	LCS, RPD	5/24/2019	Organic	2-Nitrophenol	n/a	=	14	%	EPA 625	-88	-88	0	30	
2018/19-5	Lab	method blank	6/1/2019	Organic	2-Nitrophenol	n/a	<	0.26	µg/L	EPA 625	0.26	1			
2018/19-5	Lab	LCS dup	6/1/2019	Organic	2-Nitrophenol	n/a	=	17.6	µg/L	EPA 625	0.26	1			
2018/19-5	Lab	LCS dup, rec	6/1/2019	Organic	2-Nitrophenol	n/a	=	70	%	EPA 625	-88	-88	41	130	
2018/19-5	Lab	LCS, RPD	6/1/2019	Organic	2-Nitrophenol	n/a	=	20	%	EPA 625	-88	-88	0	30	
2018/19-5	Lab	LCS	6/1/2019	Organic	2-Nitrophenol	n/a	=	21.5	µg/L	EPA 625	0.26	1			
2018/19-5	Lab	LCS, rec	6/1/2019	Organic	2-Nitrophenol	n/a	=	86	%	EPA 625	-88	-88	41	130	
2018/19-5	Lab	method blank	6/3/2019	Organic	2-Nitrophenol	n/a	<	0.26	µg/L	EPA 625	0.26	1			
2018/19-5	Lab	LCS	6/3/2019	Organic	2-Nitrophenol	n/a	=	17.5	µg/L	EPA 625	0.26	1			

Appendix F
Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2018/19-5	Lab	LCS, rec	6/3/2019	Organic	2-Nitrophenol	n/a	=	70	%	EPA 625	-88	-88	41	130	
2018/19-5	Lab	method blank	6/6/2019	Organic	2-Nitrophenol	n/a	<	0.26	µg/L	EPA 625	0.26	1			
2018/19-5	Lab	LCS	6/6/2019	Organic	2-Nitrophenol	n/a	=	17.4	µg/L	EPA 625	0.26	1			
2018/19-5	Lab	LCS, rec	6/6/2019	Organic	2-Nitrophenol	n/a	=	70	%	EPA 625	-88	-88	41	130	
2018/19-5	000NONPJ	matrix spike	5/7/2019	Organic	3,3'-Dichlorobenzidine	n/a	<	1.2	µg/L	EPA 625	1.2	5			GB
2018/19-5	000NONPJ	matrix spike, rec	5/7/2019	Organic	3,3'-Dichlorobenzidine	n/a	=	0	%	EPA 625	-88	-88	0.1	222	GB
2018/19-5	000NONPJ	matrix spike dup	5/7/2019	Organic	3,3'-Dichlorobenzidine	n/a	<	1.2	µg/L	EPA 625	1.2	5			GB
2018/19-5	000NONPJ	matrix spike dup, rec	5/7/2019	Organic	3,3'-Dichlorobenzidine	n/a	=	0	%	EPA 625	-88	-88	0.1	222	GB
2018/19-5	000NONPJ	matrix spike, RPD	5/7/2019	Organic	3,3'-Dichlorobenzidine	n/a	=	0	%	EPA 625	-88	-88	0	30	GB
2018/19-5	000NONPJ	matrix spike	6/6/2019	Organic	3,3'-Dichlorobenzidine	n/a	<	12	µg/L	EPA 625	12	50			GB
2018/19-5	000NONPJ	matrix spike, rec	6/6/2019	Organic	3,3'-Dichlorobenzidine	n/a	=	0	%	EPA 625	-88	-88	0.1	222	GB
2018/19-5	000NONPJ	matrix spike dup	6/6/2019	Organic	3,3'-Dichlorobenzidine	n/a	<	12	µg/L	EPA 625	12	50			GB
2018/19-5	000NONPJ	matrix spike dup, rec	6/6/2019	Organic	3,3'-Dichlorobenzidine	n/a	=	0	%	EPA 625	-88	-88	0.1	222	GB
2018/19-5	000NONPJ	matrix spike, RPD	6/6/2019	Organic	3,3'-Dichlorobenzidine	n/a	=	0	%	EPA 625	-88	-88	0	30	GB
2018/19-5	Lab	method blank	5/6/2019	Organic	3,3'-Dichlorobenzidine	n/a	<	1.2	µg/L	EPA 625	1.2	5			
2018/19-5	Lab	LCS dup	5/6/2019	Organic	3,3'-Dichlorobenzidine	n/a	=	22.4	µg/L	EPA 625	1.2	5			
2018/19-5	Lab	LCS dup, rec	5/6/2019	Organic	3,3'-Dichlorobenzidine	n/a	=	90	%	EPA 625	-88	-88	18	143	
2018/19-5	Lab	LCS, RPD	5/6/2019	Organic	3,3'-Dichlorobenzidine	n/a	=	0.3	%	EPA 625	-88	-88	0	30	
2018/19-5	Lab	LCS	5/7/2019	Organic	3,3'-Dichlorobenzidine	n/a	=	22.5	µg/L	EPA 625	1.2	5			
2018/19-5	Lab	LCS, rec	5/7/2019	Organic	3,3'-Dichlorobenzidine	n/a	=	90	%	EPA 625	-88	-88	18	143	
2018/19-5	Lab	method blank	5/24/2019	Organic	3,3'-Dichlorobenzidine	n/a	<	1.2	µg/L	EPA 625	1.2	5			
2018/19-5	Lab	LCS	5/24/2019	Organic	3,3'-Dichlorobenzidine	n/a	=	24.9	µg/L	EPA 625	1.2	5			
2018/19-5	Lab	LCS, rec	5/24/2019	Organic	3,3'-Dichlorobenzidine	n/a	=	100	%	EPA 625	-88	-88	18	143	
2018/19-5	Lab	LCS dup	5/24/2019	Organic	3,3'-Dichlorobenzidine	n/a	=	24.8	µg/L	EPA 625	1.2	5			
2018/19-5	Lab	LCS dup, rec	5/24/2019	Organic	3,3'-Dichlorobenzidine	n/a	=	99	%	EPA 625	-88	-88	18	143	
2018/19-5	Lab	LCS, RPD	5/24/2019	Organic	3,3'-Dichlorobenzidine	n/a	=	0.5	%	EPA 625	-88	-88	0	30	
2018/19-5	Lab	method blank	6/1/2019	Organic	3,3'-Dichlorobenzidine	n/a	<	1.2	µg/L	EPA 625	1.2	5			
2018/19-5	Lab	LCS dup	6/1/2019	Organic	3,3'-Dichlorobenzidine	n/a	=	23.6	µg/L	EPA 625	1.2	5			
2018/19-5	Lab	LCS dup, rec	6/1/2019	Organic	3,3'-Dichlorobenzidine	n/a	=	95	%	EPA 625	-88	-88	18	143	
2018/19-5	Lab	LCS, RPD	6/1/2019	Organic	3,3'-Dichlorobenzidine	n/a	=	2	%	EPA 625	-88	-88	0	30	
2018/19-5	Lab	LCS	6/1/2019	Organic	3,3'-Dichlorobenzidine	n/a	=	24.2	µg/L	EPA 625	1.2	5			
2018/19-5	Lab	LCS, rec	6/1/2019	Organic	3,3'-Dichlorobenzidine	n/a	=	97	%	EPA 625	-88	-88	18	143	
2018/19-5	Lab	method blank	6/3/2019	Organic	3,3'-Dichlorobenzidine	n/a	<	1.2	µg/L	EPA 625	1.2	5			
2018/19-5	Lab	LCS	6/3/2019	Organic	3,3'-Dichlorobenzidine	n/a	=	22.5	µg/L	EPA 625	1.2	5			
2018/19-5	Lab	LCS, rec	6/3/2019	Organic	3,3'-Dichlorobenzidine	n/a	=	90	%	EPA 625	-88	-88	18	143	
2018/19-5	Lab	method blank	6/6/2019	Organic	3,3'-Dichlorobenzidine	n/a	<	1.2	µg/L	EPA 625	1.2	5			
2018/19-5	Lab	LCS	6/6/2019	Organic	3,3'-Dichlorobenzidine	n/a	=	21.3	µg/L	EPA 625	1.2	5			
2018/19-5	Lab	LCS, rec	6/6/2019	Organic	3,3'-Dichlorobenzidine	n/a	=	85	%	EPA 625	-88	-88	18	143	
2018/19-5	Lab	method blank	5/21/2019	Organic	3-/4-Methylphenol	n/a	<	0.3	µg/L	EPA 8270C	0.3	1			
2018/19-5	Lab	method blank	5/22/2019	Organic	3-/4-Methylphenol	n/a	<	0.3	µg/L	EPA 8270C	0.3	1			
2018/19-5	000NONPJ	matrix spike	5/7/2019	Organic	4,6-Dinitro-2-methylphenol	n/a	=	29.4	µg/L	EPA 625	1.7	5			
2018/19-5	000NONPJ	matrix spike, rec	5/7/2019	Organic	4,6-Dinitro-2-methylphenol	n/a	=	118	%	EPA 625	-88	-88	30	150	
2018/19-5	000NONPJ	matrix spike dup	5/7/2019	Organic	4,6-Dinitro-2-methylphenol	n/a	=	33	µg/L	EPA 625	1.7	5			
2018/19-5	000NONPJ	matrix spike dup, rec	5/7/2019	Organic	4,6-Dinitro-2-methylphenol	n/a	=	132	%	EPA 625	-88	-88	30	150	
2018/19-5	000NONPJ	matrix spike, RPD	5/7/2019	Organic	4,6-Dinitro-2-methylphenol	n/a	=	11	%	EPA 625	-88	-88	0	30	
2018/19-5	000NONPJ	matrix spike	6/6/2019	Organic	4,6-Dinitro-2-methylphenol	n/a	DNQ	19.4	µg/L	EPA 625	17	50			
2018/19-5	000NONPJ	matrix spike, rec	6/6/2019	Organic	4,6-Dinitro-2-methylphenol	n/a	=	78	%	EPA 625	-88	-88	30	150	

Appendix F
Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2018/19-5	000NONPJ	matrix spike dup	6/6/2019	Organic	4,6-Dinitro-2-methylphenol	n/a	DNQ	18.6	µg/L	EPA 625	17	50			
2018/19-5	000NONPJ	matrix spike dup, rec	6/6/2019	Organic	4,6-Dinitro-2-methylphenol	n/a	=	75	%	EPA 625	-88	-88	30	150	
2018/19-5	000NONPJ	matrix spike, RPD	6/6/2019	Organic	4,6-Dinitro-2-methylphenol	n/a	=	4	%	EPA 625	-88	-88	0	30	
2018/19-5	Lab	method blank	5/6/2019	Organic	4,6-Dinitro-2-methylphenol	n/a	<	1.7	µg/L	EPA 625	1.7	5			
2018/19-5	Lab	LCS dup	5/6/2019	Organic	4,6-Dinitro-2-methylphenol	n/a	=	34.6	µg/L	EPA 625	1.7	5			
2018/19-5	Lab	LCS dup, rec	5/6/2019	Organic	4,6-Dinitro-2-methylphenol	n/a	=	138	%	EPA 625	-88	-88	42	150	
2018/19-5	Lab	LCS, RPD	5/6/2019	Organic	4,6-Dinitro-2-methylphenol	n/a	=	5	%	EPA 625	-88	-88	0	30	
2018/19-5	Lab	LCS	5/7/2019	Organic	4,6-Dinitro-2-methylphenol	n/a	=	36.2	µg/L	EPA 625	1.7	5			
2018/19-5	Lab	LCS, rec	5/7/2019	Organic	4,6-Dinitro-2-methylphenol	n/a	=	145	%	EPA 625	-88	-88	42	150	
2018/19-5	Lab	method blank	5/21/2019	Organic	4,6-Dinitro-2-methylphenol	n/a	<	0.14	µg/L	EPA 8270C	0.14	1			
2018/19-5	Lab	LCS	5/21/2019	Organic	4,6-Dinitro-2-methylphenol	n/a	=	11.3	µg/L	EPA 8270C	0.14	1			
2018/19-5	Lab	LCS, rec	5/21/2019	Organic	4,6-Dinitro-2-methylphenol	n/a	=	113	%	EPA 8270C	-88	-88	33	118	
2018/19-5	Lab	LCS dup	5/21/2019	Organic	4,6-Dinitro-2-methylphenol	n/a	=	10.9	µg/L	EPA 8270C	0.14	1			
2018/19-5	Lab	LCS dup, rec	5/21/2019	Organic	4,6-Dinitro-2-methylphenol	n/a	=	109	%	EPA 8270C	-88	-88	33	118	
2018/19-5	Lab	LCS, RPD	5/21/2019	Organic	4,6-Dinitro-2-methylphenol	n/a	=	4	%	EPA 8270C	-88	-88	0	30	
2018/19-5	Lab	method blank	5/22/2019	Organic	4,6-Dinitro-2-methylphenol	n/a	<	0.14	µg/L	EPA 8270C	0.14	1			
2018/19-5	Lab	LCS	5/22/2019	Organic	4,6-Dinitro-2-methylphenol	n/a	=	12.4	µg/L	EPA 8270C	0.14	1			EUM
2018/19-5	Lab	LCS, rec	5/22/2019	Organic	4,6-Dinitro-2-methylphenol	n/a	=	124	%	EPA 8270C	-88	-88	33	118	EUM
2018/19-5	Lab	LCS dup	5/22/2019	Organic	4,6-Dinitro-2-methylphenol	n/a	=	13.7	µg/L	EPA 8270C	0.14	1			EUM
2018/19-5	Lab	LCS dup, rec	5/22/2019	Organic	4,6-Dinitro-2-methylphenol	n/a	=	137	%	EPA 8270C	-88	-88	33	118	EUM
2018/19-5	Lab	LCS, RPD	5/22/2019	Organic	4,6-Dinitro-2-methylphenol	n/a	=	10	%	EPA 8270C	-88	-88	0	30	EUM
2018/19-5	Lab	method blank	5/24/2019	Organic	4,6-Dinitro-2-methylphenol	n/a	<	1.7	µg/L	EPA 625	1.7	5			
2018/19-5	Lab	LCS	5/24/2019	Organic	4,6-Dinitro-2-methylphenol	n/a	=	27.3	µg/L	EPA 625	1.7	5			
2018/19-5	Lab	LCS, rec	5/24/2019	Organic	4,6-Dinitro-2-methylphenol	n/a	=	109	%	EPA 625	-88	-88	42	150	
2018/19-5	Lab	LCS dup	5/24/2019	Organic	4,6-Dinitro-2-methylphenol	n/a	=	27.5	µg/L	EPA 625	1.7	5			
2018/19-5	Lab	LCS dup, rec	5/24/2019	Organic	4,6-Dinitro-2-methylphenol	n/a	=	110	%	EPA 625	-88	-88	42	150	
2018/19-5	Lab	LCS, RPD	5/24/2019	Organic	4,6-Dinitro-2-methylphenol	n/a	=	0.6	%	EPA 625	-88	-88	0	30	
2018/19-5	Lab	method blank	6/1/2019	Organic	4,6-Dinitro-2-methylphenol	n/a	<	1.7	µg/L	EPA 625	1.7	5			
2018/19-5	Lab	LCS dup	6/1/2019	Organic	4,6-Dinitro-2-methylphenol	n/a	=	25.9	µg/L	EPA 625	1.7	5			
2018/19-5	Lab	LCS dup, rec	6/1/2019	Organic	4,6-Dinitro-2-methylphenol	n/a	=	104	%	EPA 625	-88	-88	42	150	
2018/19-5	Lab	LCS, RPD	6/1/2019	Organic	4,6-Dinitro-2-methylphenol	n/a	=	7	%	EPA 625	-88	-88	0	30	
2018/19-5	Lab	LCS	6/1/2019	Organic	4,6-Dinitro-2-methylphenol	n/a	=	27.8	µg/L	EPA 625	1.7	5			
2018/19-5	Lab	LCS, rec	6/1/2019	Organic	4,6-Dinitro-2-methylphenol	n/a	=	111	%	EPA 625	-88	-88	42	150	
2018/19-5	Lab	method blank	6/3/2019	Organic	4,6-Dinitro-2-methylphenol	n/a	<	1.7	µg/L	EPA 625	1.7	5			
2018/19-5	Lab	LCS	6/3/2019	Organic	4,6-Dinitro-2-methylphenol	n/a	=	22.4	µg/L	EPA 625	1.7	5			
2018/19-5	Lab	LCS, rec	6/3/2019	Organic	4,6-Dinitro-2-methylphenol	n/a	=	89	%	EPA 625	-88	-88	42	150	
2018/19-5	Lab	method blank	6/6/2019	Organic	4,6-Dinitro-2-methylphenol	n/a	<	1.7	µg/L	EPA 625	1.7	5			
2018/19-5	Lab	LCS	6/6/2019	Organic	4,6-Dinitro-2-methylphenol	n/a	=	24.6	µg/L	EPA 625	1.7	5			
2018/19-5	Lab	LCS, rec	6/6/2019	Organic	4,6-Dinitro-2-methylphenol	n/a	=	98	%	EPA 625	-88	-88	42	150	
2018/19-5	000NONPJ	srgt matrix spike	5/3/2019	Organic	4-Bromofluorobenzene	n/a	=	51.3	µg/L	EPA 624	-88	-88			
2018/19-5	000NONPJ	srgt matrix spike, rec	5/3/2019	Organic	4-Bromofluorobenzene	n/a	=	103	%	EPA 624	-88	-88	88	108	
2018/19-5	000NONPJ	srgt matrix spike dup	5/3/2019	Organic	4-Bromofluorobenzene	n/a	=	51.4	µg/L	EPA 624	-88	-88			
2018/19-5	000NONPJ	srgt matrix spike dup, rec	5/3/2019	Organic	4-Bromofluorobenzene	n/a	=	103	%	EPA 624	-88	-88	88	108	
2018/19-5	000NONPJ	srgt matrix spike	5/17/2019	Organic	4-Bromofluorobenzene	n/a	=	50.4	µg/L	EPA 624	-88	-88			
2018/19-5	000NONPJ	srgt matrix spike, rec	5/17/2019	Organic	4-Bromofluorobenzene	n/a	=	101	%	EPA 624	-88	-88	88	108	
2018/19-5	000NONPJ	srgt matrix spike dup	5/17/2019	Organic	4-Bromofluorobenzene	n/a	=	50.5	µg/L	EPA 624	-88	-88			
2018/19-5	000NONPJ	srgt matrix spike dup, rec	5/17/2019	Organic	4-Bromofluorobenzene	n/a	=	101	%	EPA 624	-88	-88	88	108	

Appendix F
Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2018/19-5	Lab	srgt LCS	5/3/2019	Organic	4-Bromofluorobenzene	n/a	=	51.2	µg/L	EPA 624	-88	-88			
2018/19-5	Lab	srgt LCS, rec	5/3/2019	Organic	4-Bromofluorobenzene	n/a	=	102	%	EPA 624	-88	-88	88	108	
2018/19-5	Lab	srgt LCS dup	5/3/2019	Organic	4-Bromofluorobenzene	n/a	=	52.2	µg/L	EPA 624	-88	-88			
2018/19-5	Lab	srgt LCS dup, rec	5/3/2019	Organic	4-Bromofluorobenzene	n/a	=	104	%	EPA 624	-88	-88	88	108	
2018/19-5	Lab	srgt method blank	5/3/2019	Organic	4-Bromofluorobenzene	n/a	=	50.5	µg/L	EPA 624	-88	-88			
2018/19-5	Lab	srgt method blank, rec	5/3/2019	Organic	4-Bromofluorobenzene	n/a	=	101	%	EPA 624	-88	-88	88	108	
2018/19-5	Lab	srgt LCS	5/6/2019	Organic	4-Bromofluorobenzene	n/a	=	50.1	µg/L	LUFT GC/MS	-88	-88			
2018/19-5	Lab	srgt LCS, rec	5/6/2019	Organic	4-Bromofluorobenzene	n/a	=	100	%	LUFT GC/MS	-88	-88	83	110	
2018/19-5	Lab	srgt LCS dup	5/6/2019	Organic	4-Bromofluorobenzene	n/a	=	50.8	µg/L	LUFT GC/MS	-88	-88			
2018/19-5	Lab	srgt LCS dup, rec	5/6/2019	Organic	4-Bromofluorobenzene	n/a	=	102	%	LUFT GC/MS	-88	-88	83	110	
2018/19-5	Lab	srgt method blank	5/6/2019	Organic	4-Bromofluorobenzene	n/a	=	50.2	µg/L	LUFT GC/MS	-88	-88			
2018/19-5	Lab	srgt method blank, rec	5/6/2019	Organic	4-Bromofluorobenzene	n/a	=	100	%	LUFT GC/MS	-88	-88	83	110	
2018/19-5	Lab	srgt LCS	5/10/2019	Organic	4-Bromofluorobenzene	n/a	=	51.4	µg/L	EPA 624	-88	-88			
2018/19-5	Lab	srgt LCS, rec	5/10/2019	Organic	4-Bromofluorobenzene	n/a	=	103	%	EPA 624	-88	-88	88	108	
2018/19-5	Lab	srgt LCS dup	5/10/2019	Organic	4-Bromofluorobenzene	n/a	=	51.4	µg/L	EPA 624	-88	-88			
2018/19-5	Lab	srgt LCS dup, rec	5/10/2019	Organic	4-Bromofluorobenzene	n/a	=	103	%	EPA 624	-88	-88	88	108	
2018/19-5	Lab	srgt method blank	5/10/2019	Organic	4-Bromofluorobenzene	n/a	=	48.9	µg/L	EPA 624	-88	-88			
2018/19-5	Lab	srgt method blank, rec	5/10/2019	Organic	4-Bromofluorobenzene	n/a	=	98	%	EPA 624	-88	-88	88	108	
2018/19-5	Lab	srgt LCS	5/12/2019	Organic	4-Bromofluorobenzene	n/a	=	51.3	µg/L	LUFT GC/MS	-88	-88			
2018/19-5	Lab	srgt LCS, rec	5/12/2019	Organic	4-Bromofluorobenzene	n/a	=	103	%	LUFT GC/MS	-88	-88	83	110	
2018/19-5	Lab	srgt LCS dup	5/12/2019	Organic	4-Bromofluorobenzene	n/a	=	51.7	µg/L	LUFT GC/MS	-88	-88			
2018/19-5	Lab	srgt LCS dup, rec	5/12/2019	Organic	4-Bromofluorobenzene	n/a	=	103	%	LUFT GC/MS	-88	-88	83	110	
2018/19-5	Lab	srgt method blank	5/12/2019	Organic	4-Bromofluorobenzene	n/a	=	50.5	µg/L	LUFT GC/MS	-88	-88			
2018/19-5	Lab	srgt method blank, rec	5/12/2019	Organic	4-Bromofluorobenzene	n/a	=	101	%	LUFT GC/MS	-88	-88	83	110	
2018/19-5	Lab	srgt LCS	5/16/2019	Organic	4-Bromofluorobenzene	n/a	=	51	µg/L	EPA 624	-88	-88			
2018/19-5	Lab	srgt LCS, rec	5/16/2019	Organic	4-Bromofluorobenzene	n/a	=	102	%	EPA 624	-88	-88	88	108	
2018/19-5	Lab	srgt LCS dup	5/16/2019	Organic	4-Bromofluorobenzene	n/a	=	50.2	µg/L	EPA 624	-88	-88			
2018/19-5	Lab	srgt LCS dup, rec	5/16/2019	Organic	4-Bromofluorobenzene	n/a	=	100	%	EPA 624	-88	-88	88	108	
2018/19-5	Lab	srgt method blank	5/16/2019	Organic	4-Bromofluorobenzene	n/a	=	48.5	µg/L	EPA 624	-88	-88			
2018/19-5	Lab	srgt method blank, rec	5/16/2019	Organic	4-Bromofluorobenzene	n/a	=	97	%	EPA 624	-88	-88	88	108	
2018/19-5	Lab	srgt LCS	5/24/2019	Organic	4-Bromofluorobenzene	n/a	=	50.6	µg/L	LUFT GC/MS	-88	-88			
2018/19-5	Lab	srgt LCS, rec	5/24/2019	Organic	4-Bromofluorobenzene	n/a	=	101	%	LUFT GC/MS	-88	-88	83	110	
2018/19-5	Lab	srgt LCS dup	5/24/2019	Organic	4-Bromofluorobenzene	n/a	=	50.7	µg/L	LUFT GC/MS	-88	-88			
2018/19-5	Lab	srgt LCS dup, rec	5/24/2019	Organic	4-Bromofluorobenzene	n/a	=	101	%	LUFT GC/MS	-88	-88	83	110	
2018/19-5	Lab	srgt method blank	5/24/2019	Organic	4-Bromofluorobenzene	n/a	=	50.6	µg/L	LUFT GC/MS	-88	-88			
2018/19-5	Lab	srgt method blank, rec	5/24/2019	Organic	4-Bromofluorobenzene	n/a	=	101	%	LUFT GC/MS	-88	-88	83	110	
2018/19-5	ME-CC	srgt environ	5/17/2019	Organic	4-Bromofluorobenzene	n/a	=	48.2	µg/L	EPA 624	-88	-88			
2018/19-5	ME-CC	srgt environ, rec	5/17/2019	Organic	4-Bromofluorobenzene	n/a	=	96	%	EPA 624	-88	-88	88	108	
2018/19-5	ME-CC	srgt environ	5/24/2019	Organic	4-Bromofluorobenzene	n/a	=	50.3	µg/L	LUFT GC/MS	-88	-88			
2018/19-5	ME-CC	srgt environ, rec	5/24/2019	Organic	4-Bromofluorobenzene	n/a	=	101	%	LUFT GC/MS	-88	-88	83	110	
2018/19-5	ME-SCR	srgt environ	5/3/2019	Organic	4-Bromofluorobenzene	n/a	=	49.9	µg/L	EPA 624	-88	-88			
2018/19-5	ME-SCR	srgt environ, rec	5/3/2019	Organic	4-Bromofluorobenzene	n/a	=	100	%	EPA 624	-88	-88	88	108	
2018/19-5	ME-SCR	srgt environ	5/6/2019	Organic	4-Bromofluorobenzene	n/a	=	49.6	µg/L	LUFT GC/MS	-88	-88			
2018/19-5	ME-SCR	srgt environ, rec	5/6/2019	Organic	4-Bromofluorobenzene	n/a	=	99	%	LUFT GC/MS	-88	-88	83	110	
2018/19-5	ME-VR2	srgt environ	5/10/2019	Organic	4-Bromofluorobenzene	n/a	=	48.3	µg/L	EPA 624	-88	-88			
2018/19-5	ME-VR2	srgt environ, rec	5/10/2019	Organic	4-Bromofluorobenzene	n/a	=	97	%	EPA 624	-88	-88	88	108	
2018/19-5	ME-VR2	srgt environ	5/12/2019	Organic	4-Bromofluorobenzene	n/a	=	50.1	µg/L	LUFT GC/MS	-88	-88			

Appendix F
Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2018/19-5	ME-VR2	srqt environ, rec	5/12/2019	Organic	4-Bromofluorobenzene	n/a	=	100	%	LUFT GC/MS	-88	-88	83	110	
2018/19-5	MO-CAM	srqt environ	5/17/2019	Organic	4-Bromofluorobenzene	n/a	=	53.2	µg/L	EPA 624	-88	-88			
2018/19-5	MO-CAM	srqt environ, rec	5/17/2019	Organic	4-Bromofluorobenzene	n/a	=	106	%	EPA 624	-88	-88	88	108	
2018/19-5	MO-CAM	srqt environ	5/24/2019	Organic	4-Bromofluorobenzene	n/a	=	50.2	µg/L	LUFT GC/MS	-88	-88			
2018/19-5	MO-CAM	srqt environ, rec	5/24/2019	Organic	4-Bromofluorobenzene	n/a	=	100	%	LUFT GC/MS	-88	-88	83	110	
2018/19-5	MO-FIL	srqt environ	5/3/2019	Organic	4-Bromofluorobenzene	n/a	=	48.5	µg/L	EPA 624	-88	-88			
2018/19-5	MO-FIL	srqt environ, rec	5/3/2019	Organic	4-Bromofluorobenzene	n/a	=	97	%	EPA 624	-88	-88	88	108	
2018/19-5	MO-FIL	srqt environ	5/6/2019	Organic	4-Bromofluorobenzene	n/a	=	49.2	µg/L	LUFT GC/MS	-88	-88			
2018/19-5	MO-FIL	srqt environ, rec	5/6/2019	Organic	4-Bromofluorobenzene	n/a	=	98	%	LUFT GC/MS	-88	-88	83	110	
2018/19-5	MO-HUE	srqt environ	5/10/2019	Organic	4-Bromofluorobenzene	n/a	=	48.4	µg/L	EPA 624	-88	-88			
2018/19-5	MO-HUE	srqt environ, rec	5/10/2019	Organic	4-Bromofluorobenzene	n/a	=	97	%	EPA 624	-88	-88	88	108	
2018/19-5	MO-HUE	srqt environ	5/12/2019	Organic	4-Bromofluorobenzene	n/a	=	50	µg/L	LUFT GC/MS	-88	-88			
2018/19-5	MO-HUE	srqt environ, rec	5/12/2019	Organic	4-Bromofluorobenzene	n/a	=	100	%	LUFT GC/MS	-88	-88	83	110	
2018/19-5	MO-MPK	srqt environ	5/17/2019	Organic	4-Bromofluorobenzene	n/a	=	51	µg/L	EPA 624	-88	-88			
2018/19-5	MO-MPK	srqt environ, rec	5/17/2019	Organic	4-Bromofluorobenzene	n/a	=	102	%	EPA 624	-88	-88	88	108	
2018/19-5	MO-MPK	srqt environ	5/25/2019	Organic	4-Bromofluorobenzene	n/a	=	49.7	µg/L	LUFT GC/MS	-88	-88			
2018/19-5	MO-MPK	srqt environ, rec	5/25/2019	Organic	4-Bromofluorobenzene	n/a	=	99	%	LUFT GC/MS	-88	-88	83	110	
2018/19-5	MO-OJA	srqt environ	5/10/2019	Organic	4-Bromofluorobenzene	n/a	=	49.1	µg/L	EPA 624	-88	-88			
2018/19-5	MO-OJA	srqt environ, rec	5/10/2019	Organic	4-Bromofluorobenzene	n/a	=	98	%	EPA 624	-88	-88	88	108	
2018/19-5	MO-OJA	srqt environ	5/12/2019	Organic	4-Bromofluorobenzene	n/a	=	49.5	µg/L	LUFT GC/MS	-88	-88			
2018/19-5	MO-OJA	srqt environ, rec	5/12/2019	Organic	4-Bromofluorobenzene	n/a	=	99	%	LUFT GC/MS	-88	-88	83	110	
2018/19-5	MO-SIM	srqt environ	5/17/2019	Organic	4-Bromofluorobenzene	n/a	=	49.6	µg/L	EPA 624	-88	-88			
2018/19-5	MO-SIM	srqt environ, rec	5/17/2019	Organic	4-Bromofluorobenzene	n/a	=	99	%	EPA 624	-88	-88	88	108	
2018/19-5	MO-SIM	srqt environ	5/25/2019	Organic	4-Bromofluorobenzene	n/a	=	50	µg/L	LUFT GC/MS	-88	-88			
2018/19-5	MO-SIM	srqt environ, rec	5/25/2019	Organic	4-Bromofluorobenzene	n/a	=	100	%	LUFT GC/MS	-88	-88	83	110	
2018/19-5	MO-THO	srqt environ	5/17/2019	Organic	4-Bromofluorobenzene	n/a	=	49.4	µg/L	EPA 624	-88	-88			
2018/19-5	MO-THO	srqt environ, rec	5/17/2019	Organic	4-Bromofluorobenzene	n/a	=	99	%	EPA 624	-88	-88	88	108	
2018/19-5	MO-THO	srqt environ	5/25/2019	Organic	4-Bromofluorobenzene	n/a	=	50.3	µg/L	LUFT GC/MS	-88	-88			
2018/19-5	MO-THO	srqt environ, rec	5/25/2019	Organic	4-Bromofluorobenzene	n/a	=	101	%	LUFT GC/MS	-88	-88	83	110	
2018/19-5	MO-VEN	srqt environ	5/3/2019	Organic	4-Bromofluorobenzene	n/a	=	49.7	µg/L	EPA 624	-88	-88			
2018/19-5	MO-VEN	srqt environ, rec	5/3/2019	Organic	4-Bromofluorobenzene	n/a	=	99	%	EPA 624	-88	-88	88	108	
2018/19-5	MO-VEN	srqt environ	5/6/2019	Organic	4-Bromofluorobenzene	n/a	=	49.6	µg/L	LUFT GC/MS	-88	-88			
2018/19-5	MO-VEN	srqt environ, rec	5/6/2019	Organic	4-Bromofluorobenzene	n/a	=	99	%	LUFT GC/MS	-88	-88	83	110	
2018/19-5	000NONPJ	matrix spike	5/7/2019	Organic	4-Bromophenyl phenyl ether	n/a	=	16.8	µg/L	EPA 625	0.36	1			
2018/19-5	000NONPJ	matrix spike, rec	5/7/2019	Organic	4-Bromophenyl phenyl ether	n/a	=	67	%	EPA 625	-88	-88	54	130	
2018/19-5	000NONPJ	matrix spike dup	5/7/2019	Organic	4-Bromophenyl phenyl ether	n/a	=	19.5	µg/L	EPA 625	0.36	1			
2018/19-5	000NONPJ	matrix spike dup, rec	5/7/2019	Organic	4-Bromophenyl phenyl ether	n/a	=	78	%	EPA 625	-88	-88	54	130	
2018/19-5	000NONPJ	matrix spike, RPD	5/7/2019	Organic	4-Bromophenyl phenyl ether	n/a	=	15	%	EPA 625	-88	-88	0	30	
2018/19-5	000NONPJ	matrix spike	6/6/2019	Organic	4-Bromophenyl phenyl ether	n/a	=	19.6	µg/L	EPA 625	3.6	10			
2018/19-5	000NONPJ	matrix spike, rec	6/6/2019	Organic	4-Bromophenyl phenyl ether	n/a	=	78	%	EPA 625	-88	-88	54	130	
2018/19-5	000NONPJ	matrix spike dup	6/6/2019	Organic	4-Bromophenyl phenyl ether	n/a	=	20.1	µg/L	EPA 625	3.6	10			
2018/19-5	000NONPJ	matrix spike dup, rec	6/6/2019	Organic	4-Bromophenyl phenyl ether	n/a	=	80	%	EPA 625	-88	-88	54	130	
2018/19-5	000NONPJ	matrix spike, RPD	6/6/2019	Organic	4-Bromophenyl phenyl ether	n/a	=	3	%	EPA 625	-88	-88	0	30	
2018/19-5	Lab	method blank	5/6/2019	Organic	4-Bromophenyl phenyl ether	n/a	<	0.36	µg/L	EPA 625	0.36	1			
2018/19-5	Lab	LCS dup	5/6/2019	Organic	4-Bromophenyl phenyl ether	n/a	=	21.3	µg/L	EPA 625	0.36	1			
2018/19-5	Lab	LCS dup, rec	5/6/2019	Organic	4-Bromophenyl phenyl ether	n/a	=	85	%	EPA 625	-88	-88	53	130	
2018/19-5	Lab	LCS, RPD	5/6/2019	Organic	4-Bromophenyl phenyl ether	n/a	=	16	%	EPA 625	-88	-88	0	30	

Appendix F
Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2018/19-5	Lab	LCS	5/7/2019	Organic	4-Bromophenyl phenyl ether	n/a	=	24.9	µg/L	EPA 625	0.36	1			
2018/19-5	Lab	LCS, rec	5/7/2019	Organic	4-Bromophenyl phenyl ether	n/a	=	100	%	EPA 625	-88	-88	53	130	
2018/19-5	Lab	method blank	5/24/2019	Organic	4-Bromophenyl phenyl ether	n/a	<	0.36	µg/L	EPA 625	0.36	1			
2018/19-5	Lab	LCS	5/24/2019	Organic	4-Bromophenyl phenyl ether	n/a	=	21.2	µg/L	EPA 625	0.36	1			
2018/19-5	Lab	LCS, rec	5/24/2019	Organic	4-Bromophenyl phenyl ether	n/a	=	85	%	EPA 625	-88	-88	53	130	
2018/19-5	Lab	LCS dup	5/24/2019	Organic	4-Bromophenyl phenyl ether	n/a	=	22.2	µg/L	EPA 625	0.36	1			
2018/19-5	Lab	LCS dup, rec	5/24/2019	Organic	4-Bromophenyl phenyl ether	n/a	=	89	%	EPA 625	-88	-88	53	130	
2018/19-5	Lab	LCS, RPD	5/24/2019	Organic	4-Bromophenyl phenyl ether	n/a	=	5	%	EPA 625	-88	-88	0	30	
2018/19-5	Lab	method blank	6/1/2019	Organic	4-Bromophenyl phenyl ether	n/a	<	0.36	µg/L	EPA 625	0.36	1			
2018/19-5	Lab	LCS dup	6/1/2019	Organic	4-Bromophenyl phenyl ether	n/a	=	20.4	µg/L	EPA 625	0.36	1			
2018/19-5	Lab	LCS dup, rec	6/1/2019	Organic	4-Bromophenyl phenyl ether	n/a	=	81	%	EPA 625	-88	-88	53	130	
2018/19-5	Lab	LCS, RPD	6/1/2019	Organic	4-Bromophenyl phenyl ether	n/a	=	15	%	EPA 625	-88	-88	0	30	
2018/19-5	Lab	LCS	6/1/2019	Organic	4-Bromophenyl phenyl ether	n/a	=	23.7	µg/L	EPA 625	0.36	1			
2018/19-5	Lab	LCS, rec	6/1/2019	Organic	4-Bromophenyl phenyl ether	n/a	=	95	%	EPA 625	-88	-88	53	130	
2018/19-5	Lab	method blank	6/3/2019	Organic	4-Bromophenyl phenyl ether	n/a	<	0.36	µg/L	EPA 625	0.36	1			
2018/19-5	Lab	LCS	6/3/2019	Organic	4-Bromophenyl phenyl ether	n/a	=	19.1	µg/L	EPA 625	0.36	1			
2018/19-5	Lab	LCS, rec	6/3/2019	Organic	4-Bromophenyl phenyl ether	n/a	=	76	%	EPA 625	-88	-88	53	130	
2018/19-5	Lab	method blank	6/6/2019	Organic	4-Bromophenyl phenyl ether	n/a	<	0.36	µg/L	EPA 625	0.36	1			
2018/19-5	Lab	LCS	6/6/2019	Organic	4-Bromophenyl phenyl ether	n/a	=	19.4	µg/L	EPA 625	0.36	1			
2018/19-5	Lab	LCS, rec	6/6/2019	Organic	4-Bromophenyl phenyl ether	n/a	=	77	%	EPA 625	-88	-88	53	130	
2018/19-5	000NONPJ	matrix spike	5/7/2019	Organic	4-Chloro-3-methylphenol	n/a	=	11.4	µg/L	EPA 625	0.23	1			
2018/19-5	000NONPJ	matrix spike, rec	5/7/2019	Organic	4-Chloro-3-methylphenol	n/a	=	46	%	EPA 625	-88	-88	24	130	
2018/19-5	000NONPJ	matrix spike dup	5/7/2019	Organic	4-Chloro-3-methylphenol	n/a	=	13	µg/L	EPA 625	0.23	1			
2018/19-5	000NONPJ	matrix spike dup, rec	5/7/2019	Organic	4-Chloro-3-methylphenol	n/a	=	52	%	EPA 625	-88	-88	24	130	
2018/19-5	000NONPJ	matrix spike, RPD	5/7/2019	Organic	4-Chloro-3-methylphenol	n/a	=	13	%	EPA 625	-88	-88	0	30	
2018/19-5	000NONPJ	matrix spike	6/6/2019	Organic	4-Chloro-3-methylphenol	n/a	=	10.3	µg/L	EPA 625	2.3	10			
2018/19-5	000NONPJ	matrix spike, rec	6/6/2019	Organic	4-Chloro-3-methylphenol	n/a	=	41	%	EPA 625	-88	-88	24	130	
2018/19-5	000NONPJ	matrix spike dup	6/6/2019	Organic	4-Chloro-3-methylphenol	n/a	=	10.2	µg/L	EPA 625	2.3	10			
2018/19-5	000NONPJ	matrix spike dup, rec	6/6/2019	Organic	4-Chloro-3-methylphenol	n/a	=	41	%	EPA 625	-88	-88	24	130	
2018/19-5	000NONPJ	matrix spike, RPD	6/6/2019	Organic	4-Chloro-3-methylphenol	n/a	=	0.8	%	EPA 625	-88	-88	0	30	
2018/19-5	Lab	method blank	5/6/2019	Organic	4-Chloro-3-methylphenol	n/a	<	0.23	µg/L	EPA 625	0.23	1			
2018/19-5	Lab	LCS dup	5/6/2019	Organic	4-Chloro-3-methylphenol	n/a	=	12.1	µg/L	EPA 625	0.23	1			
2018/19-5	Lab	LCS dup, rec	5/6/2019	Organic	4-Chloro-3-methylphenol	n/a	=	48	%	EPA 625	-88	-88	47	130	
2018/19-5	Lab	LCS, RPD	5/6/2019	Organic	4-Chloro-3-methylphenol	n/a	=	26	%	EPA 625	-88	-88	0	30	
2018/19-5	Lab	LCS	5/7/2019	Organic	4-Chloro-3-methylphenol	n/a	=	15.6	µg/L	EPA 625	0.23	1			
2018/19-5	Lab	LCS, rec	5/7/2019	Organic	4-Chloro-3-methylphenol	n/a	=	62	%	EPA 625	-88	-88	47	130	
2018/19-5	Lab	method blank	5/21/2019	Organic	4-Chloro-3-methylphenol	n/a	<	0.37	µg/L	EPA 8270C	0.37	1			
2018/19-5	Lab	LCS	5/21/2019	Organic	4-Chloro-3-methylphenol	n/a	=	6.72	µg/L	EPA 8270C	0.37	1			
2018/19-5	Lab	LCS, rec	5/21/2019	Organic	4-Chloro-3-methylphenol	n/a	=	67	%	EPA 8270C	-88	-88	29	108	
2018/19-5	Lab	LCS dup	5/21/2019	Organic	4-Chloro-3-methylphenol	n/a	=	5.91	µg/L	EPA 8270C	0.37	1			
2018/19-5	Lab	LCS dup, rec	5/21/2019	Organic	4-Chloro-3-methylphenol	n/a	=	59	%	EPA 8270C	-88	-88	29	108	
2018/19-5	Lab	LCS, RPD	5/21/2019	Organic	4-Chloro-3-methylphenol	n/a	=	13	%	EPA 8270C	-88	-88	0	30	
2018/19-5	Lab	method blank	5/22/2019	Organic	4-Chloro-3-methylphenol	n/a	<	0.37	µg/L	EPA 8270C	0.37	1			
2018/19-5	Lab	LCS	5/22/2019	Organic	4-Chloro-3-methylphenol	n/a	=	7.29	µg/L	EPA 8270C	0.37	1			
2018/19-5	Lab	LCS, rec	5/22/2019	Organic	4-Chloro-3-methylphenol	n/a	=	73	%	EPA 8270C	-88	-88	29	108	
2018/19-5	Lab	LCS dup	5/22/2019	Organic	4-Chloro-3-methylphenol	n/a	=	6.84	µg/L	EPA 8270C	0.37	1			
2018/19-5	Lab	LCS dup, rec	5/22/2019	Organic	4-Chloro-3-methylphenol	n/a	=	68	%	EPA 8270C	-88	-88	29	108	

Appendix F
Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2018/19-5	Lab	LCS, RPD	5/22/2019	Organic	4-Chloro-3-methylphenol	n/a	=	6	%	EPA 8270C	-88	-88	0	30	
2018/19-5	Lab	method blank	5/24/2019	Organic	4-Chloro-3-methylphenol	n/a	<	0.23	µg/L	EPA 625	0.23	1			
2018/19-5	Lab	LCS	5/24/2019	Organic	4-Chloro-3-methylphenol	n/a	=	18	µg/L	EPA 625	0.23	1			
2018/19-5	Lab	LCS, rec	5/24/2019	Organic	4-Chloro-3-methylphenol	n/a	=	72	%	EPA 625	-88	-88	47	130	
2018/19-5	Lab	LCS dup	5/24/2019	Organic	4-Chloro-3-methylphenol	n/a	=	20.4	µg/L	EPA 625	0.23	1			
2018/19-5	Lab	LCS dup, rec	5/24/2019	Organic	4-Chloro-3-methylphenol	n/a	=	82	%	EPA 625	-88	-88	47	130	
2018/19-5	Lab	LCS, RPD	5/24/2019	Organic	4-Chloro-3-methylphenol	n/a	=	13	%	EPA 625	-88	-88	0	30	
2018/19-5	Lab	method blank	6/1/2019	Organic	4-Chloro-3-methylphenol	n/a	<	0.23	µg/L	EPA 625	0.23	1			
2018/19-5	Lab	LCS dup	6/1/2019	Organic	4-Chloro-3-methylphenol	n/a	=	16.6	µg/L	EPA 625	0.23	1			
2018/19-5	Lab	LCS dup, rec	6/1/2019	Organic	4-Chloro-3-methylphenol	n/a	=	66	%	EPA 625	-88	-88	47	130	
2018/19-5	Lab	LCS, RPD	6/1/2019	Organic	4-Chloro-3-methylphenol	n/a	=	21	%	EPA 625	-88	-88	0	30	
2018/19-5	Lab	LCS	6/1/2019	Organic	4-Chloro-3-methylphenol	n/a	=	20.4	µg/L	EPA 625	0.23	1			
2018/19-5	Lab	LCS, rec	6/1/2019	Organic	4-Chloro-3-methylphenol	n/a	=	82	%	EPA 625	-88	-88	47	130	
2018/19-5	Lab	method blank	6/3/2019	Organic	4-Chloro-3-methylphenol	n/a	<	0.23	µg/L	EPA 625	0.23	1			
2018/19-5	Lab	LCS	6/3/2019	Organic	4-Chloro-3-methylphenol	n/a	=	16.7	µg/L	EPA 625	0.23	1			
2018/19-5	Lab	LCS, rec	6/3/2019	Organic	4-Chloro-3-methylphenol	n/a	=	67	%	EPA 625	-88	-88	47	130	
2018/19-5	Lab	method blank	6/6/2019	Organic	4-Chloro-3-methylphenol	n/a	<	0.23	µg/L	EPA 625	0.23	1			
2018/19-5	Lab	LCS	6/6/2019	Organic	4-Chloro-3-methylphenol	n/a	=	16.6	µg/L	EPA 625	0.23	1			
2018/19-5	Lab	LCS, rec	6/6/2019	Organic	4-Chloro-3-methylphenol	n/a	=	66	%	EPA 625	-88	-88	47	130	
2018/19-5	000NONPJ	matrix spike	5/7/2019	Organic	4-Chlorophenyl phenyl ether	n/a	=	12.7	µg/L	EPA 625	0.41	1			
2018/19-5	000NONPJ	matrix spike, rec	5/7/2019	Organic	4-Chlorophenyl phenyl ether	n/a	=	51	%	EPA 625	-88	-88	49	120	
2018/19-5	000NONPJ	matrix spike dup	5/7/2019	Organic	4-Chlorophenyl phenyl ether	n/a	=	14.9	µg/L	EPA 625	0.41	1			
2018/19-5	000NONPJ	matrix spike dup, rec	5/7/2019	Organic	4-Chlorophenyl phenyl ether	n/a	=	59	%	EPA 625	-88	-88	49	120	
2018/19-5	000NONPJ	matrix spike, RPD	5/7/2019	Organic	4-Chlorophenyl phenyl ether	n/a	=	15	%	EPA 625	-88	-88	0	30	
2018/19-5	000NONPJ	matrix spike	6/6/2019	Organic	4-Chlorophenyl phenyl ether	n/a	=	17.7	µg/L	EPA 625	4.1	10			
2018/19-5	000NONPJ	matrix spike, rec	6/6/2019	Organic	4-Chlorophenyl phenyl ether	n/a	=	71	%	EPA 625	-88	-88	49	120	
2018/19-5	000NONPJ	matrix spike dup	6/6/2019	Organic	4-Chlorophenyl phenyl ether	n/a	=	17.2	µg/L	EPA 625	4.1	10			
2018/19-5	000NONPJ	matrix spike dup, rec	6/6/2019	Organic	4-Chlorophenyl phenyl ether	n/a	=	69	%	EPA 625	-88	-88	49	120	
2018/19-5	000NONPJ	matrix spike, RPD	6/6/2019	Organic	4-Chlorophenyl phenyl ether	n/a	=	3	%	EPA 625	-88	-88	0	30	
2018/19-5	Lab	method blank	5/6/2019	Organic	4-Chlorophenyl phenyl ether	n/a	<	0.41	µg/L	EPA 625	0.41	1			
2018/19-5	Lab	LCS dup	5/6/2019	Organic	4-Chlorophenyl phenyl ether	n/a	=	15.6	µg/L	EPA 625	0.41	1			
2018/19-5	Lab	LCS dup, rec	5/6/2019	Organic	4-Chlorophenyl phenyl ether	n/a	=	62	%	EPA 625	-88	-88	44	130	
2018/19-5	Lab	LCS, RPD	5/6/2019	Organic	4-Chlorophenyl phenyl ether	n/a	=	25	%	EPA 625	-88	-88	0	30	
2018/19-5	Lab	LCS	5/7/2019	Organic	4-Chlorophenyl phenyl ether	n/a	=	20.2	µg/L	EPA 625	0.41	1			
2018/19-5	Lab	LCS, rec	5/7/2019	Organic	4-Chlorophenyl phenyl ether	n/a	=	81	%	EPA 625	-88	-88	44	130	
2018/19-5	Lab	method blank	5/24/2019	Organic	4-Chlorophenyl phenyl ether	n/a	<	0.41	µg/L	EPA 625	0.41	1			
2018/19-5	Lab	LCS	5/24/2019	Organic	4-Chlorophenyl phenyl ether	n/a	=	18.8	µg/L	EPA 625	0.41	1			
2018/19-5	Lab	LCS, rec	5/24/2019	Organic	4-Chlorophenyl phenyl ether	n/a	=	75	%	EPA 625	-88	-88	44	130	
2018/19-5	Lab	LCS dup	5/24/2019	Organic	4-Chlorophenyl phenyl ether	n/a	=	20.5	µg/L	EPA 625	0.41	1			
2018/19-5	Lab	LCS dup, rec	5/24/2019	Organic	4-Chlorophenyl phenyl ether	n/a	=	82	%	EPA 625	-88	-88	44	130	
2018/19-5	Lab	LCS, RPD	5/24/2019	Organic	4-Chlorophenyl phenyl ether	n/a	=	9	%	EPA 625	-88	-88	0	30	
2018/19-5	Lab	method blank	6/1/2019	Organic	4-Chlorophenyl phenyl ether	n/a	<	0.41	µg/L	EPA 625	0.41	1			
2018/19-5	Lab	LCS dup	6/1/2019	Organic	4-Chlorophenyl phenyl ether	n/a	=	17.2	µg/L	EPA 625	0.41	1			
2018/19-5	Lab	LCS dup, rec	6/1/2019	Organic	4-Chlorophenyl phenyl ether	n/a	=	69	%	EPA 625	-88	-88	44	130	
2018/19-5	Lab	LCS, RPD	6/1/2019	Organic	4-Chlorophenyl phenyl ether	n/a	=	20	%	EPA 625	-88	-88	0	30	
2018/19-5	Lab	LCS	6/1/2019	Organic	4-Chlorophenyl phenyl ether	n/a	=	21.1	µg/L	EPA 625	0.41	1			
2018/19-5	Lab	LCS, rec	6/1/2019	Organic	4-Chlorophenyl phenyl ether	n/a	=	84	%	EPA 625	-88	-88	44	130	

Appendix F
Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2018/19-5	Lab	method blank	6/3/2019	Organic	4-Chlorophenyl phenyl ether	n/a	<	0.41	µg/L	EPA 625	0.41	1			
2018/19-5	Lab	LCS	6/3/2019	Organic	4-Chlorophenyl phenyl ether	n/a	=	16.6	µg/L	EPA 625	0.41	1			
2018/19-5	Lab	LCS, rec	6/3/2019	Organic	4-Chlorophenyl phenyl ether	n/a	=	67	%	EPA 625	-88	-88	44	130	
2018/19-5	Lab	method blank	6/6/2019	Organic	4-Chlorophenyl phenyl ether	n/a	<	0.41	µg/L	EPA 625	0.41	1			
2018/19-5	Lab	LCS	6/6/2019	Organic	4-Chlorophenyl phenyl ether	n/a	=	16.7	µg/L	EPA 625	0.41	1			
2018/19-5	Lab	LCS, rec	6/6/2019	Organic	4-Chlorophenyl phenyl ether	n/a	=	67	%	EPA 625	-88	-88	44	130	
2018/19-5	000NONPJ	matrix spike	5/7/2019	Organic	4-Nitrophenol	n/a	=	10.1	µg/L	EPA 625	0.45	5			
2018/19-5	000NONPJ	matrix spike, rec	5/7/2019	Organic	4-Nitrophenol	n/a	=	40	%	EPA 625	-88	-88	5	120	
2018/19-5	000NONPJ	matrix spike dup	5/7/2019	Organic	4-Nitrophenol	n/a	=	11.4	µg/L	EPA 625	0.45	5			
2018/19-5	000NONPJ	matrix spike dup, rec	5/7/2019	Organic	4-Nitrophenol	n/a	=	46	%	EPA 625	-88	-88	5	120	
2018/19-5	000NONPJ	matrix spike, RPD	5/7/2019	Organic	4-Nitrophenol	n/a	=	12	%	EPA 625	-88	-88	0	30	
2018/19-5	000NONPJ	matrix spike	6/6/2019	Organic	4-Nitrophenol	n/a	DNQ	7.72	µg/L	EPA 625	4.5	50			
2018/19-5	000NONPJ	matrix spike, rec	6/6/2019	Organic	4-Nitrophenol	n/a	=	31	%	EPA 625	-88	-88	5	120	
2018/19-5	000NONPJ	matrix spike dup	6/6/2019	Organic	4-Nitrophenol	n/a	DNQ	7.15	µg/L	EPA 625	4.5	50			
2018/19-5	000NONPJ	matrix spike dup, rec	6/6/2019	Organic	4-Nitrophenol	n/a	=	29	%	EPA 625	-88	-88	5	120	
2018/19-5	000NONPJ	matrix spike, RPD	6/6/2019	Organic	4-Nitrophenol	n/a	=	8	%	EPA 625	-88	-88	0	30	
2018/19-5	Lab	method blank	5/6/2019	Organic	4-Nitrophenol	n/a	<	0.45	µg/L	EPA 625	0.45	5			
2018/19-5	Lab	LCS dup	5/6/2019	Organic	4-Nitrophenol	n/a	=	11.3	µg/L	EPA 625	0.45	5			
2018/19-5	Lab	LCS dup, rec	5/6/2019	Organic	4-Nitrophenol	n/a	=	45	%	EPA 625	-88	-88	24	100	
2018/19-5	Lab	LCS, RPD	5/6/2019	Organic	4-Nitrophenol	n/a	=	10	%	EPA 625	-88	-88	0	30	
2018/19-5	Lab	LCS	5/7/2019	Organic	4-Nitrophenol	n/a	=	12.5	µg/L	EPA 625	0.45	5			
2018/19-5	Lab	LCS, rec	5/7/2019	Organic	4-Nitrophenol	n/a	=	50	%	EPA 625	-88	-88	24	100	
2018/19-5	Lab	method blank	5/21/2019	Organic	4-Nitrophenol	n/a	<	1	µg/L	EPA 8270C	1	2			
2018/19-5	Lab	LCS	5/21/2019	Organic	4-Nitrophenol	n/a	=	3.02	µg/L	EPA 8270C	1	2			
2018/19-5	Lab	LCS, rec	5/21/2019	Organic	4-Nitrophenol	n/a	=	30	%	EPA 8270C	-88	-88	6	46	
2018/19-5	Lab	LCS dup	5/21/2019	Organic	4-Nitrophenol	n/a	=	2.84	µg/L	EPA 8270C	1	2			
2018/19-5	Lab	LCS dup, rec	5/21/2019	Organic	4-Nitrophenol	n/a	=	28	%	EPA 8270C	-88	-88	6	46	
2018/19-5	Lab	LCS, RPD	5/21/2019	Organic	4-Nitrophenol	n/a	=	6	%	EPA 8270C	-88	-88	0	30	
2018/19-5	Lab	method blank	5/22/2019	Organic	4-Nitrophenol	n/a	<	1	µg/L	EPA 8270C	1	2			
2018/19-5	Lab	LCS	5/22/2019	Organic	4-Nitrophenol	n/a	=	3.27	µg/L	EPA 8270C	1	2			
2018/19-5	Lab	LCS, rec	5/22/2019	Organic	4-Nitrophenol	n/a	=	33	%	EPA 8270C	-88	-88	6	46	
2018/19-5	Lab	LCS dup	5/22/2019	Organic	4-Nitrophenol	n/a	=	3.54	µg/L	EPA 8270C	1	2			
2018/19-5	Lab	LCS dup, rec	5/22/2019	Organic	4-Nitrophenol	n/a	=	35	%	EPA 8270C	-88	-88	6	46	
2018/19-5	Lab	LCS, RPD	5/22/2019	Organic	4-Nitrophenol	n/a	=	8	%	EPA 8270C	-88	-88	0	30	
2018/19-5	Lab	method blank	5/24/2019	Organic	4-Nitrophenol	n/a	<	0.45	µg/L	EPA 625	0.45	5			
2018/19-5	Lab	LCS	5/24/2019	Organic	4-Nitrophenol	n/a	=	10.3	µg/L	EPA 625	0.45	5			
2018/19-5	Lab	LCS, rec	5/24/2019	Organic	4-Nitrophenol	n/a	=	41	%	EPA 625	-88	-88	24	100	
2018/19-5	Lab	LCS dup	5/24/2019	Organic	4-Nitrophenol	n/a	=	10.5	µg/L	EPA 625	0.45	5			
2018/19-5	Lab	LCS dup, rec	5/24/2019	Organic	4-Nitrophenol	n/a	=	42	%	EPA 625	-88	-88	24	100	
2018/19-5	Lab	LCS, RPD	5/24/2019	Organic	4-Nitrophenol	n/a	=	2	%	EPA 625	-88	-88	0	30	
2018/19-5	Lab	method blank	6/1/2019	Organic	4-Nitrophenol	n/a	<	0.45	µg/L	EPA 625	0.45	5			
2018/19-5	Lab	LCS dup	6/1/2019	Organic	4-Nitrophenol	n/a	=	11.3	µg/L	EPA 625	0.45	5			
2018/19-5	Lab	LCS dup, rec	6/1/2019	Organic	4-Nitrophenol	n/a	=	45	%	EPA 625	-88	-88	24	100	
2018/19-5	Lab	LCS, RPD	6/1/2019	Organic	4-Nitrophenol	n/a	=	8	%	EPA 625	-88	-88	0	30	
2018/19-5	Lab	LCS	6/1/2019	Organic	4-Nitrophenol	n/a	=	12.2	µg/L	EPA 625	0.45	5			
2018/19-5	Lab	LCS, rec	6/1/2019	Organic	4-Nitrophenol	n/a	=	49	%	EPA 625	-88	-88	24	100	
2018/19-5	Lab	method blank	6/3/2019	Organic	4-Nitrophenol	n/a	<	0.45	µg/L	EPA 625	0.45	5			

Appendix F
Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2018/19-5	Lab	LCS	6/3/2019	Organic	4-Nitrophenol	n/a	=	10.4	µg/L	EPA 625	0.45	5			
2018/19-5	Lab	LCS, rec	6/3/2019	Organic	4-Nitrophenol	n/a	=	42	%	EPA 625	-88	-88	24	100	
2018/19-5	Lab	method blank	6/6/2019	Organic	4-Nitrophenol	n/a	<	0.45	µg/L	EPA 625	0.45	5			
2018/19-5	Lab	LCS	6/6/2019	Organic	4-Nitrophenol	n/a	=	10.2	µg/L	EPA 625	0.45	5			
2018/19-5	Lab	LCS, rec	6/6/2019	Organic	4-Nitrophenol	n/a	=	41	%	EPA 625	-88	-88	24	100	
2018/19-5	000NONPJ	matrix spike	5/7/2019	Organic	Acenaphthene	n/a	=	4.99	µg/L	EPA 625	0.38	1			GB
2018/19-5	000NONPJ	matrix spike, rec	5/7/2019	Organic	Acenaphthene	n/a	=	20	%	EPA 625	-88	-88	47	130	GB
2018/19-5	000NONPJ	matrix spike dup	5/7/2019	Organic	Acenaphthene	n/a	=	6.08	µg/L	EPA 625	0.38	1			GB
2018/19-5	000NONPJ	matrix spike dup, rec	5/7/2019	Organic	Acenaphthene	n/a	=	24	%	EPA 625	-88	-88	47	130	GB
2018/19-5	000NONPJ	matrix spike, RPD	5/7/2019	Organic	Acenaphthene	n/a	=	20	%	EPA 625	-88	-88	0	30	GB
2018/19-5	000NONPJ	matrix spike	6/6/2019	Organic	Acenaphthene	n/a	<	3.8	µg/L	EPA 625	3.8	10			GB
2018/19-5	000NONPJ	matrix spike, rec	6/6/2019	Organic	Acenaphthene	n/a	=	0	%	EPA 625	-88	-88	47	130	GB
2018/19-5	000NONPJ	matrix spike dup	6/6/2019	Organic	Acenaphthene	n/a	<	3.8	µg/L	EPA 625	3.8	10			GB
2018/19-5	000NONPJ	matrix spike dup, rec	6/6/2019	Organic	Acenaphthene	n/a	=	0	%	EPA 625	-88	-88	47	130	GB
2018/19-5	000NONPJ	matrix spike, RPD	6/6/2019	Organic	Acenaphthene	n/a	=	0	%	EPA 625	-88	-88	0	30	GB
2018/19-5	Lab	method blank	5/6/2019	Organic	Acenaphthene	n/a	<	0.38	µg/L	EPA 625	0.38	1			
2018/19-5	Lab	LCS dup	5/6/2019	Organic	Acenaphthene	n/a	=	14.9	µg/L	EPA 625	0.38	1			
2018/19-5	Lab	LCS dup, rec	5/6/2019	Organic	Acenaphthene	n/a	=	60	%	EPA 625	-88	-88	47	130	
2018/19-5	Lab	LCS, RPD	5/6/2019	Organic	Acenaphthene	n/a	=	27	%	EPA 625	-88	-88	0	30	
2018/19-5	Lab	LCS	5/7/2019	Organic	Acenaphthene	n/a	=	19.6	µg/L	EPA 625	0.38	1			
2018/19-5	Lab	LCS, rec	5/7/2019	Organic	Acenaphthene	n/a	=	79	%	EPA 625	-88	-88	47	130	
2018/19-5	Lab	method blank	5/24/2019	Organic	Acenaphthene	n/a	<	0.38	µg/L	EPA 625	0.38	1			
2018/19-5	Lab	LCS	5/24/2019	Organic	Acenaphthene	n/a	=	19.1	µg/L	EPA 625	0.38	1			
2018/19-5	Lab	LCS, rec	5/24/2019	Organic	Acenaphthene	n/a	=	76	%	EPA 625	-88	-88	47	130	
2018/19-5	Lab	LCS dup	5/24/2019	Organic	Acenaphthene	n/a	=	21.4	µg/L	EPA 625	0.38	1			
2018/19-5	Lab	LCS dup, rec	5/24/2019	Organic	Acenaphthene	n/a	=	85	%	EPA 625	-88	-88	47	130	
2018/19-5	Lab	LCS, RPD	5/24/2019	Organic	Acenaphthene	n/a	=	11	%	EPA 625	-88	-88	0	30	
2018/19-5	Lab	method blank	6/1/2019	Organic	Acenaphthene	n/a	<	0.38	µg/L	EPA 625	0.38	1			
2018/19-5	Lab	LCS dup	6/1/2019	Organic	Acenaphthene	n/a	=	16.7	µg/L	EPA 625	0.38	1			
2018/19-5	Lab	LCS dup, rec	6/1/2019	Organic	Acenaphthene	n/a	=	67	%	EPA 625	-88	-88	47	130	
2018/19-5	Lab	LCS, RPD	6/1/2019	Organic	Acenaphthene	n/a	=	23	%	EPA 625	-88	-88	0	30	
2018/19-5	Lab	LCS	6/1/2019	Organic	Acenaphthene	n/a	=	21.1	µg/L	EPA 625	0.38	1			
2018/19-5	Lab	LCS, rec	6/1/2019	Organic	Acenaphthene	n/a	=	84	%	EPA 625	-88	-88	47	130	
2018/19-5	Lab	method blank	6/3/2019	Organic	Acenaphthene	n/a	<	0.38	µg/L	EPA 625	0.38	1			
2018/19-5	Lab	LCS	6/3/2019	Organic	Acenaphthene	n/a	=	17.3	µg/L	EPA 625	0.38	1			
2018/19-5	Lab	LCS, rec	6/3/2019	Organic	Acenaphthene	n/a	=	69	%	EPA 625	-88	-88	47	130	
2018/19-5	Lab	method blank	6/6/2019	Organic	Acenaphthene	n/a	<	0.38	µg/L	EPA 625	0.38	1			
2018/19-5	Lab	LCS	6/6/2019	Organic	Acenaphthene	n/a	=	17.2	µg/L	EPA 625	0.38	1			
2018/19-5	Lab	LCS, rec	6/6/2019	Organic	Acenaphthene	n/a	=	69	%	EPA 625	-88	-88	47	130	
2018/19-5	Lab	method blank	6/7/2019	Organic	Acenaphthene	n/a	<	0.1	µg/L	EPA 8270C	0.1	0.1			
2018/19-5	Lab	LCS	6/7/2019	Organic	Acenaphthene	n/a	=	7.45	µg/L	EPA 8270C	0.1	0.1			
2018/19-5	Lab	LCS, rec	6/7/2019	Organic	Acenaphthene	n/a	=	74	%	EPA 8270C	-88	-88	11	122	
2018/19-5	Lab	LCS dup	6/8/2019	Organic	Acenaphthene	n/a	=	6.47	µg/L	EPA 8270C	0.1	0.1			
2018/19-5	Lab	LCS dup, rec	6/8/2019	Organic	Acenaphthene	n/a	=	65	%	EPA 8270C	-88	-88	11	122	
2018/19-5	Lab	LCS, RPD	6/8/2019	Organic	Acenaphthene	n/a	=	14	%	EPA 8270C	-88	-88	0	30	
2018/19-5	Lab	method blank	6/8/2019	Organic	Acenaphthene	n/a	<	0.1	µg/L	EPA 8270C	0.1	0.1			
2018/19-5	Lab	LCS	6/8/2019	Organic	Acenaphthene	n/a	=	7.45	µg/L	EPA 8270C	0.1	0.1			

Appendix F
Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2018/19-5	Lab	LCS, rec	6/8/2019	Organic	Acenaphthene	n/a	=	74	%	EPA 8270C	-88	-88	11	122	
2018/19-5	Lab	LCS dup	6/8/2019	Organic	Acenaphthene	n/a	=	7.08	µg/L	EPA 8270C	0.1	0.1			
2018/19-5	Lab	LCS dup, rec	6/8/2019	Organic	Acenaphthene	n/a	=	71	%	EPA 8270C	-88	-88	11	122	
2018/19-5	Lab	LCS, RPD	6/8/2019	Organic	Acenaphthene	n/a	=	5	%	EPA 8270C	-88	-88	0	30	
2018/19-5	000NONPJ	matrix spike	5/7/2019	Organic	Acenaphthylene	n/a	<	0.4	µg/L	EPA 625	0.4	1			GB
2018/19-5	000NONPJ	matrix spike, rec	5/7/2019	Organic	Acenaphthylene	n/a	=	0	%	EPA 625	-88	-88	33	130	GB
2018/19-5	000NONPJ	matrix spike dup	5/7/2019	Organic	Acenaphthylene	n/a	<	0.4	µg/L	EPA 625	0.4	1			GB
2018/19-5	000NONPJ	matrix spike dup, rec	5/7/2019	Organic	Acenaphthylene	n/a	=	0	%	EPA 625	-88	-88	33	130	GB
2018/19-5	000NONPJ	matrix spike, RPD	5/7/2019	Organic	Acenaphthylene	n/a	=	0	%	EPA 625	-88	-88	0	30	GB
2018/19-5	000NONPJ	matrix spike	6/6/2019	Organic	Acenaphthylene	n/a	<	4	µg/L	EPA 625	4	10			GB
2018/19-5	000NONPJ	matrix spike, rec	6/6/2019	Organic	Acenaphthylene	n/a	=	0	%	EPA 625	-88	-88	33	130	GB
2018/19-5	000NONPJ	matrix spike dup	6/6/2019	Organic	Acenaphthylene	n/a	<	4	µg/L	EPA 625	4	10			GB
2018/19-5	000NONPJ	matrix spike dup, rec	6/6/2019	Organic	Acenaphthylene	n/a	=	0	%	EPA 625	-88	-88	33	130	GB
2018/19-5	000NONPJ	matrix spike, RPD	6/6/2019	Organic	Acenaphthylene	n/a	=	0	%	EPA 625	-88	-88	0	30	GB
2018/19-5	Lab	method blank	5/6/2019	Organic	Acenaphthylene	n/a	<	0.4	µg/L	EPA 625	0.4	1			
2018/19-5	Lab	LCS dup	5/6/2019	Organic	Acenaphthylene	n/a	=	13.2	µg/L	EPA 625	0.4	1			
2018/19-5	Lab	LCS dup, rec	5/6/2019	Organic	Acenaphthylene	n/a	=	53	%	EPA 625	-88	-88	44	130	
2018/19-5	Lab	LCS, RPD	5/6/2019	Organic	Acenaphthylene	n/a	=	30	%	EPA 625	-88	-88	0	30	
2018/19-5	Lab	LCS	5/7/2019	Organic	Acenaphthylene	n/a	=	17.8	µg/L	EPA 625	0.4	1			
2018/19-5	Lab	LCS, rec	5/7/2019	Organic	Acenaphthylene	n/a	=	71	%	EPA 625	-88	-88	44	130	
2018/19-5	Lab	method blank	5/24/2019	Organic	Acenaphthylene	n/a	<	0.4	µg/L	EPA 625	0.4	1			
2018/19-5	Lab	LCS	5/24/2019	Organic	Acenaphthylene	n/a	=	19.9	µg/L	EPA 625	0.4	1			
2018/19-5	Lab	LCS, rec	5/24/2019	Organic	Acenaphthylene	n/a	=	80	%	EPA 625	-88	-88	44	130	
2018/19-5	Lab	LCS dup	5/24/2019	Organic	Acenaphthylene	n/a	=	22.4	µg/L	EPA 625	0.4	1			
2018/19-5	Lab	LCS dup, rec	5/24/2019	Organic	Acenaphthylene	n/a	=	89	%	EPA 625	-88	-88	44	130	
2018/19-5	Lab	LCS, RPD	5/24/2019	Organic	Acenaphthylene	n/a	=	11	%	EPA 625	-88	-88	0	30	
2018/19-5	Lab	method blank	6/1/2019	Organic	Acenaphthylene	n/a	<	0.4	µg/L	EPA 625	0.4	1			
2018/19-5	Lab	LCS dup	6/1/2019	Organic	Acenaphthylene	n/a	=	16.5	µg/L	EPA 625	0.4	1			
2018/19-5	Lab	LCS dup, rec	6/1/2019	Organic	Acenaphthylene	n/a	=	66	%	EPA 625	-88	-88	44	130	
2018/19-5	Lab	LCS, RPD	6/1/2019	Organic	Acenaphthylene	n/a	=	24	%	EPA 625	-88	-88	0	30	
2018/19-5	Lab	LCS	6/1/2019	Organic	Acenaphthylene	n/a	=	20.9	µg/L	EPA 625	0.4	1			
2018/19-5	Lab	LCS, rec	6/1/2019	Organic	Acenaphthylene	n/a	=	83	%	EPA 625	-88	-88	44	130	
2018/19-5	Lab	method blank	6/3/2019	Organic	Acenaphthylene	n/a	<	0.4	µg/L	EPA 625	0.4	1			
2018/19-5	Lab	LCS	6/3/2019	Organic	Acenaphthylene	n/a	=	16.8	µg/L	EPA 625	0.4	1			
2018/19-5	Lab	LCS, rec	6/3/2019	Organic	Acenaphthylene	n/a	=	67	%	EPA 625	-88	-88	44	130	
2018/19-5	Lab	method blank	6/6/2019	Organic	Acenaphthylene	n/a	<	0.4	µg/L	EPA 625	0.4	1			
2018/19-5	Lab	LCS	6/6/2019	Organic	Acenaphthylene	n/a	=	17.2	µg/L	EPA 625	0.4	1			
2018/19-5	Lab	LCS, rec	6/6/2019	Organic	Acenaphthylene	n/a	=	69	%	EPA 625	-88	-88	44	130	
2018/19-5	Lab	method blank	6/7/2019	Organic	Acenaphthylene	n/a	<	0.1	µg/L	EPA 8270C	0.1	0.1			
2018/19-5	Lab	LCS	6/7/2019	Organic	Acenaphthylene	n/a	=	7.86	µg/L	EPA 8270C	0.1	0.1			
2018/19-5	Lab	LCS, rec	6/7/2019	Organic	Acenaphthylene	n/a	=	79	%	EPA 8270C	-88	-88	4	135	
2018/19-5	Lab	LCS dup	6/8/2019	Organic	Acenaphthylene	n/a	=	6.85	µg/L	EPA 8270C	0.1	0.1			
2018/19-5	Lab	LCS dup, rec	6/8/2019	Organic	Acenaphthylene	n/a	=	68	%	EPA 8270C	-88	-88	4	135	
2018/19-5	Lab	LCS, RPD	6/8/2019	Organic	Acenaphthylene	n/a	=	14	%	EPA 8270C	-88	-88	0	30	
2018/19-5	Lab	method blank	6/8/2019	Organic	Acenaphthylene	n/a	<	0.1	µg/L	EPA 8270C	0.1	0.1			
2018/19-5	Lab	LCS	6/8/2019	Organic	Acenaphthylene	n/a	=	7.95	µg/L	EPA 8270C	0.1	0.1			
2018/19-5	Lab	LCS, rec	6/8/2019	Organic	Acenaphthylene	n/a	=	79	%	EPA 8270C	-88	-88	4	135	

Appendix F
Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2018/19-5	Lab	LCS dup	6/8/2019	Organic	Acenaphthylene	n/a	=	7.45	µg/L	EPA 8270C	0.1	0.1			
2018/19-5	Lab	LCS dup, rec	6/8/2019	Organic	Acenaphthylene	n/a	=	75	%	EPA 8270C	-88	-88	4	135	
2018/19-5	Lab	LCS, RPD	6/8/2019	Organic	Acenaphthylene	n/a	=	6	%	EPA 8270C	-88	-88	0	30	
2018/19-5	000NONPJ	matrix spike	5/7/2019	Organic	Anthracene	n/a	=	6.5	µg/L	EPA 625	0.34	1			GB
2018/19-5	000NONPJ	matrix spike, rec	5/7/2019	Organic	Anthracene	n/a	=	26	%	EPA 625	-88	-88	27	130	GB
2018/19-5	000NONPJ	matrix spike dup	5/7/2019	Organic	Anthracene	n/a	=	7.62	µg/L	EPA 625	0.34	1			
2018/19-5	000NONPJ	matrix spike dup, rec	5/7/2019	Organic	Anthracene	n/a	=	30	%	EPA 625	-88	-88	27	130	
2018/19-5	000NONPJ	matrix spike, RPD	5/7/2019	Organic	Anthracene	n/a	=	16	%	EPA 625	-88	-88	0	30	
2018/19-5	000NONPJ	matrix spike	6/6/2019	Organic	Anthracene	n/a	<	3.4	µg/L	EPA 625	3.4	10			GB
2018/19-5	000NONPJ	matrix spike, rec	6/6/2019	Organic	Anthracene	n/a	=	0	%	EPA 625	-88	-88	27	130	GB
2018/19-5	000NONPJ	matrix spike dup	6/6/2019	Organic	Anthracene	n/a	<	3.4	µg/L	EPA 625	3.4	10			GB
2018/19-5	000NONPJ	matrix spike dup, rec	6/6/2019	Organic	Anthracene	n/a	=	0	%	EPA 625	-88	-88	27	130	GB
2018/19-5	000NONPJ	matrix spike, RPD	6/6/2019	Organic	Anthracene	n/a	=	0	%	EPA 625	-88	-88	0	30	GB
2018/19-5	Lab	method blank	5/6/2019	Organic	Anthracene	n/a	<	0.34	µg/L	EPA 625	0.34	1			
2018/19-5	Lab	LCS dup	5/6/2019	Organic	Anthracene	n/a	=	19.2	µg/L	EPA 625	0.34	1			
2018/19-5	Lab	LCS dup, rec	5/6/2019	Organic	Anthracene	n/a	=	77	%	EPA 625	-88	-88	56	130	
2018/19-5	Lab	LCS, RPD	5/6/2019	Organic	Anthracene	n/a	=	12	%	EPA 625	-88	-88	0	30	
2018/19-5	Lab	LCS	5/7/2019	Organic	Anthracene	n/a	=	21.6	µg/L	EPA 625	0.34	1			
2018/19-5	Lab	LCS, rec	5/7/2019	Organic	Anthracene	n/a	=	87	%	EPA 625	-88	-88	56	130	
2018/19-5	Lab	method blank	5/24/2019	Organic	Anthracene	n/a	<	0.34	µg/L	EPA 625	0.34	1			
2018/19-5	Lab	LCS	5/24/2019	Organic	Anthracene	n/a	=	23.5	µg/L	EPA 625	0.34	1			
2018/19-5	Lab	LCS, rec	5/24/2019	Organic	Anthracene	n/a	=	94	%	EPA 625	-88	-88	56	130	
2018/19-5	Lab	LCS dup	5/24/2019	Organic	Anthracene	n/a	=	23.5	µg/L	EPA 625	0.34	1			
2018/19-5	Lab	LCS dup, rec	5/24/2019	Organic	Anthracene	n/a	=	94	%	EPA 625	-88	-88	56	130	
2018/19-5	Lab	LCS, RPD	5/24/2019	Organic	Anthracene	n/a	=	0.2	%	EPA 625	-88	-88	0	30	
2018/19-5	Lab	method blank	6/1/2019	Organic	Anthracene	n/a	<	0.34	µg/L	EPA 625	0.34	1			
2018/19-5	Lab	LCS dup	6/1/2019	Organic	Anthracene	n/a	=	21.7	µg/L	EPA 625	0.34	1			
2018/19-5	Lab	LCS dup, rec	6/1/2019	Organic	Anthracene	n/a	=	87	%	EPA 625	-88	-88	56	130	
2018/19-5	Lab	LCS, RPD	6/1/2019	Organic	Anthracene	n/a	=	9	%	EPA 625	-88	-88	0	30	
2018/19-5	Lab	LCS	6/1/2019	Organic	Anthracene	n/a	=	23.9	µg/L	EPA 625	0.34	1			
2018/19-5	Lab	LCS, rec	6/1/2019	Organic	Anthracene	n/a	=	96	%	EPA 625	-88	-88	56	130	
2018/19-5	Lab	method blank	6/3/2019	Organic	Anthracene	n/a	<	0.34	µg/L	EPA 625	0.34	1			
2018/19-5	Lab	LCS	6/3/2019	Organic	Anthracene	n/a	=	21.3	µg/L	EPA 625	0.34	1			
2018/19-5	Lab	LCS, rec	6/3/2019	Organic	Anthracene	n/a	=	85	%	EPA 625	-88	-88	56	130	
2018/19-5	Lab	method blank	6/6/2019	Organic	Anthracene	n/a	<	0.34	µg/L	EPA 625	0.34	1			
2018/19-5	Lab	LCS	6/6/2019	Organic	Anthracene	n/a	=	21.5	µg/L	EPA 625	0.34	1			
2018/19-5	Lab	LCS, rec	6/6/2019	Organic	Anthracene	n/a	=	86	%	EPA 625	-88	-88	56	130	
2018/19-5	Lab	method blank	6/7/2019	Organic	Anthracene	n/a	<	0.1	µg/L	EPA 8270C	0.1	0.1			
2018/19-5	Lab	LCS	6/7/2019	Organic	Anthracene	n/a	=	8.52	µg/L	EPA 8270C	0.1	0.1			
2018/19-5	Lab	LCS, rec	6/7/2019	Organic	Anthracene	n/a	=	85	%	EPA 8270C	-88	-88	22	127	
2018/19-5	Lab	LCS dup	6/8/2019	Organic	Anthracene	n/a	=	7.65	µg/L	EPA 8270C	0.1	0.1			
2018/19-5	Lab	LCS dup, rec	6/8/2019	Organic	Anthracene	n/a	=	76	%	EPA 8270C	-88	-88	22	127	
2018/19-5	Lab	LCS, RPD	6/8/2019	Organic	Anthracene	n/a	=	11	%	EPA 8270C	-88	-88	0	30	
2018/19-5	Lab	method blank	6/8/2019	Organic	Anthracene	n/a	<	0.1	µg/L	EPA 8270C	0.1	0.1			
2018/19-5	Lab	LCS	6/8/2019	Organic	Anthracene	n/a	=	7.98	µg/L	EPA 8270C	0.1	0.1			
2018/19-5	Lab	LCS, rec	6/8/2019	Organic	Anthracene	n/a	=	80	%	EPA 8270C	-88	-88	22	127	
2018/19-5	Lab	LCS dup	6/8/2019	Organic	Anthracene	n/a	=	8.23	µg/L	EPA 8270C	0.1	0.1			

Appendix F
Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2018/19-5	Lab	LCS dup, rec	6/8/2019	Organic	Anthracene	n/a	=	82	%	EPA 8270C	-88	-88	22	127	
2018/19-5	Lab	LCS, RPD	6/8/2019	Organic	Anthracene	n/a	=	3	%	EPA 8270C	-88	-88	0	30	
2018/19-5	000NONPJ	matrix spike	5/7/2019	Organic	Benz(a)anthracene	n/a	=	15.5	µg/L	EPA 625	0.19	1			
2018/19-5	000NONPJ	matrix spike, rec	5/7/2019	Organic	Benz(a)anthracene	n/a	=	62	%	EPA 625	-88	-88	39	130	
2018/19-5	000NONPJ	matrix spike dup	5/7/2019	Organic	Benz(a)anthracene	n/a	=	17.9	µg/L	EPA 625	0.19	1			
2018/19-5	000NONPJ	matrix spike dup, rec	5/7/2019	Organic	Benz(a)anthracene	n/a	=	72	%	EPA 625	-88	-88	39	130	
2018/19-5	000NONPJ	matrix spike, RPD	5/7/2019	Organic	Benz(a)anthracene	n/a	=	14	%	EPA 625	-88	-88	0	30	
2018/19-5	000NONPJ	matrix spike	6/6/2019	Organic	Benz(a)anthracene	n/a	<	1.9	µg/L	EPA 625	1.9	10			GB
2018/19-5	000NONPJ	matrix spike, rec	6/6/2019	Organic	Benz(a)anthracene	n/a	=	0	%	EPA 625	-88	-88	39	130	GB
2018/19-5	000NONPJ	matrix spike dup	6/6/2019	Organic	Benz(a)anthracene	n/a	<	1.9	µg/L	EPA 625	1.9	10			GB
2018/19-5	000NONPJ	matrix spike dup, rec	6/6/2019	Organic	Benz(a)anthracene	n/a	=	0	%	EPA 625	-88	-88	39	130	GB
2018/19-5	000NONPJ	matrix spike, RPD	6/6/2019	Organic	Benz(a)anthracene	n/a	=	0	%	EPA 625	-88	-88	0	30	GB
2018/19-5	Lab	method blank	5/6/2019	Organic	Benz(a)anthracene	n/a	<	0.19	µg/L	EPA 625	0.19	1			
2018/19-5	Lab	LCS dup	5/6/2019	Organic	Benz(a)anthracene	n/a	=	21.3	µg/L	EPA 625	0.19	1			
2018/19-5	Lab	LCS dup, rec	5/6/2019	Organic	Benz(a)anthracene	n/a	=	85	%	EPA 625	-88	-88	50	130	
2018/19-5	Lab	LCS, RPD	5/6/2019	Organic	Benz(a)anthracene	n/a	=	0.9	%	EPA 625	-88	-88	0	30	
2018/19-5	Lab	LCS	5/7/2019	Organic	Benz(a)anthracene	n/a	=	21.5	µg/L	EPA 625	0.19	1			
2018/19-5	Lab	LCS, rec	5/7/2019	Organic	Benz(a)anthracene	n/a	=	86	%	EPA 625	-88	-88	50	130	
2018/19-5	Lab	method blank	5/24/2019	Organic	Benz(a)anthracene	n/a	<	0.19	µg/L	EPA 625	0.19	1			
2018/19-5	Lab	LCS	5/24/2019	Organic	Benz(a)anthracene	n/a	=	25	µg/L	EPA 625	0.19	1			
2018/19-5	Lab	LCS, rec	5/24/2019	Organic	Benz(a)anthracene	n/a	=	100	%	EPA 625	-88	-88	50	130	
2018/19-5	Lab	LCS dup	5/24/2019	Organic	Benz(a)anthracene	n/a	=	24.2	µg/L	EPA 625	0.19	1			
2018/19-5	Lab	LCS dup, rec	5/24/2019	Organic	Benz(a)anthracene	n/a	=	97	%	EPA 625	-88	-88	50	130	
2018/19-5	Lab	LCS, RPD	5/24/2019	Organic	Benz(a)anthracene	n/a	=	3	%	EPA 625	-88	-88	0	30	
2018/19-5	Lab	method blank	6/1/2019	Organic	Benz(a)anthracene	n/a	<	0.19	µg/L	EPA 625	0.19	1			
2018/19-5	Lab	LCS dup	6/1/2019	Organic	Benz(a)anthracene	n/a	=	24.4	µg/L	EPA 625	0.19	1			
2018/19-5	Lab	LCS dup, rec	6/1/2019	Organic	Benz(a)anthracene	n/a	=	98	%	EPA 625	-88	-88	50	130	
2018/19-5	Lab	LCS, RPD	6/1/2019	Organic	Benz(a)anthracene	n/a	=	3	%	EPA 625	-88	-88	0	30	
2018/19-5	Lab	LCS	6/1/2019	Organic	Benz(a)anthracene	n/a	=	25.1	µg/L	EPA 625	0.19	1			
2018/19-5	Lab	LCS, rec	6/1/2019	Organic	Benz(a)anthracene	n/a	=	100	%	EPA 625	-88	-88	50	130	
2018/19-5	Lab	method blank	6/3/2019	Organic	Benz(a)anthracene	n/a	<	0.19	µg/L	EPA 625	0.19	1			
2018/19-5	Lab	LCS	6/3/2019	Organic	Benz(a)anthracene	n/a	=	25.2	µg/L	EPA 625	0.19	1			
2018/19-5	Lab	LCS, rec	6/3/2019	Organic	Benz(a)anthracene	n/a	=	101	%	EPA 625	-88	-88	50	130	
2018/19-5	Lab	method blank	6/6/2019	Organic	Benz(a)anthracene	n/a	<	0.19	µg/L	EPA 625	0.19	1			
2018/19-5	Lab	LCS	6/6/2019	Organic	Benz(a)anthracene	n/a	=	25.5	µg/L	EPA 625	0.19	1			
2018/19-5	Lab	LCS, rec	6/6/2019	Organic	Benz(a)anthracene	n/a	=	102	%	EPA 625	-88	-88	50	130	
2018/19-5	Lab	method blank	6/7/2019	Organic	Benz(a)anthracene	n/a	<	0.1	µg/L	EPA 8270C	0.1	0.1			
2018/19-5	Lab	LCS	6/7/2019	Organic	Benz(a)anthracene	n/a	=	9.63	µg/L	EPA 8270C	0.1	0.1			
2018/19-5	Lab	LCS, rec	6/7/2019	Organic	Benz(a)anthracene	n/a	=	96	%	EPA 8270C	-88	-88	17	131	
2018/19-5	Lab	LCS dup	6/8/2019	Organic	Benz(a)anthracene	n/a	=	9.67	µg/L	EPA 8270C	0.1	0.1			
2018/19-5	Lab	LCS dup, rec	6/8/2019	Organic	Benz(a)anthracene	n/a	=	97	%	EPA 8270C	-88	-88	17	131	
2018/19-5	Lab	LCS, RPD	6/8/2019	Organic	Benz(a)anthracene	n/a	=	0.4	%	EPA 8270C	-88	-88	0	30	
2018/19-5	Lab	method blank	6/8/2019	Organic	Benz(a)anthracene	n/a	<	0.1	µg/L	EPA 8270C	0.1	0.1			
2018/19-5	Lab	LCS	6/8/2019	Organic	Benz(a)anthracene	n/a	=	9.19	µg/L	EPA 8270C	0.1	0.1			
2018/19-5	Lab	LCS, rec	6/8/2019	Organic	Benz(a)anthracene	n/a	=	92	%	EPA 8270C	-88	-88	17	131	
2018/19-5	Lab	LCS dup	6/8/2019	Organic	Benz(a)anthracene	n/a	=	9.3	µg/L	EPA 8270C	0.1	0.1			
2018/19-5	Lab	LCS dup, rec	6/8/2019	Organic	Benz(a)anthracene	n/a	=	93	%	EPA 8270C	-88	-88	17	131	

Appendix F
Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2018/19-5	Lab	LCS, RPD	6/8/2019	Organic	Benz(a)anthracene	n/a	=	1	%	EPA 8270C	-88	-88	0	30	
2018/19-5	Lab	method blank	5/6/2019	Organic	Benzidine	n/a	<	3.7	µg/L	EPA 625	3.7	10			
2018/19-5	Lab	method blank	5/24/2019	Organic	Benzidine	n/a	<	3.7	µg/L	EPA 625	3.7	10			
2018/19-5	Lab	method blank	6/1/2019	Organic	Benzidine	n/a	<	3.7	µg/L	EPA 625	3.7	10			
2018/19-5	Lab	method blank	6/3/2019	Organic	Benzidine	n/a	<	3.7	µg/L	EPA 625	3.7	5			
2018/19-5	Lab	method blank	6/6/2019	Organic	Benzidine	n/a	<	3.7	µg/L	EPA 625	3.7	5			
2018/19-5	000NONPJ	matrix spike	5/6/2019	Organic	Benzo(a)pyrene	n/a	=	4.96	µg/L	EPA 525.2	0.07	0.1			
2018/19-5	000NONPJ	matrix spike, rec	5/6/2019	Organic	Benzo(a)pyrene	n/a	=	99	%	EPA 525.2	-88	-88	60	130	
2018/19-5	000NONPJ	matrix spike dup	5/6/2019	Organic	Benzo(a)pyrene	n/a	=	4.72	µg/L	EPA 525.2	0.07	0.1			
2018/19-5	000NONPJ	matrix spike dup, rec	5/6/2019	Organic	Benzo(a)pyrene	n/a	=	94	%	EPA 525.2	-88	-88	60	130	
2018/19-5	000NONPJ	matrix spike, RPD	5/6/2019	Organic	Benzo(a)pyrene	n/a	=	5	%	EPA 525.2	-88	-88	0	30	
2018/19-5	000NONPJ	matrix spike	5/7/2019	Organic	Benzo(a)pyrene	n/a	=	6.73	µg/L	EPA 625	0.13	1			
2018/19-5	000NONPJ	matrix spike, rec	5/7/2019	Organic	Benzo(a)pyrene	n/a	=	27	%	EPA 625	-88	-88	17	130	
2018/19-5	000NONPJ	matrix spike dup	5/7/2019	Organic	Benzo(a)pyrene	n/a	=	8.13	µg/L	EPA 625	0.13	1			
2018/19-5	000NONPJ	matrix spike dup, rec	5/7/2019	Organic	Benzo(a)pyrene	n/a	=	33	%	EPA 625	-88	-88	17	130	
2018/19-5	000NONPJ	matrix spike, RPD	5/7/2019	Organic	Benzo(a)pyrene	n/a	=	19	%	EPA 625	-88	-88	0	30	
2018/19-5	000NONPJ	matrix spike	5/14/2019	Organic	Benzo(a)pyrene	n/a	=	4.23	µg/L	EPA 525.2	0.07	0.1			
2018/19-5	000NONPJ	matrix spike, rec	5/14/2019	Organic	Benzo(a)pyrene	n/a	=	85	%	EPA 525.2	-88	-88	60	130	
2018/19-5	000NONPJ	matrix spike dup	5/14/2019	Organic	Benzo(a)pyrene	n/a	=	4.85	µg/L	EPA 525.2	0.07	0.1			
2018/19-5	000NONPJ	matrix spike dup, rec	5/14/2019	Organic	Benzo(a)pyrene	n/a	=	97	%	EPA 525.2	-88	-88	60	130	
2018/19-5	000NONPJ	matrix spike, RPD	5/14/2019	Organic	Benzo(a)pyrene	n/a	=	14	%	EPA 525.2	-88	-88	0	30	
2018/19-5	000NONPJ	matrix spike	6/6/2019	Organic	Benzo(a)pyrene	n/a	<	1.3	µg/L	EPA 625	1.3	10			GB
2018/19-5	000NONPJ	matrix spike, rec	6/6/2019	Organic	Benzo(a)pyrene	n/a	=	0	%	EPA 625	-88	-88	17	130	GB
2018/19-5	000NONPJ	matrix spike dup	6/6/2019	Organic	Benzo(a)pyrene	n/a	<	1.3	µg/L	EPA 625	1.3	10			GB
2018/19-5	000NONPJ	matrix spike dup, rec	6/6/2019	Organic	Benzo(a)pyrene	n/a	=	0	%	EPA 625	-88	-88	17	130	GB
2018/19-5	000NONPJ	matrix spike, RPD	6/6/2019	Organic	Benzo(a)pyrene	n/a	=	0	%	EPA 625	-88	-88	0	30	GB
2018/19-5	Lab	method blank	5/6/2019	Organic	Benzo(a)pyrene	n/a	<	0.07	µg/L	EPA 525.2	0.07	0.1			
2018/19-5	Lab	LCS	5/6/2019	Organic	Benzo(a)pyrene	n/a	=	4.69	µg/L	EPA 525.2	0.07	0.1			
2018/19-5	Lab	LCS, rec	5/6/2019	Organic	Benzo(a)pyrene	n/a	=	94	%	EPA 525.2	-88	-88	60	130	
2018/19-5	Lab	method blank	5/6/2019	Organic	Benzo(a)pyrene	n/a	<	0.13	µg/L	EPA 625	0.13	1			
2018/19-5	Lab	LCS dup	5/6/2019	Organic	Benzo(a)pyrene	n/a	=	21.9	µg/L	EPA 625	0.13	1			
2018/19-5	Lab	LCS dup, rec	5/6/2019	Organic	Benzo(a)pyrene	n/a	=	88	%	EPA 625	-88	-88	58	130	
2018/19-5	Lab	LCS, RPD	5/6/2019	Organic	Benzo(a)pyrene	n/a	=	3	%	EPA 625	-88	-88	0	30	
2018/19-5	Lab	LCS	5/7/2019	Organic	Benzo(a)pyrene	n/a	=	22.6	µg/L	EPA 625	0.13	1			
2018/19-5	Lab	LCS, rec	5/7/2019	Organic	Benzo(a)pyrene	n/a	=	90	%	EPA 625	-88	-88	58	130	
2018/19-5	Lab	LCS	5/14/2019	Organic	Benzo(a)pyrene	n/a	=	4.75	µg/L	EPA 525.2	0.07	0.1			
2018/19-5	Lab	LCS, rec	5/14/2019	Organic	Benzo(a)pyrene	n/a	=	95	%	EPA 525.2	-88	-88	60	130	
2018/19-5	Lab	LCS dup	5/14/2019	Organic	Benzo(a)pyrene	n/a	=	4.77	µg/L	EPA 525.2	0.07	0.1			
2018/19-5	Lab	LCS dup, rec	5/14/2019	Organic	Benzo(a)pyrene	n/a	=	95	%	EPA 525.2	-88	-88	60	130	
2018/19-5	Lab	LCS, RPD	5/14/2019	Organic	Benzo(a)pyrene	n/a	=	0.5	%	EPA 525.2	-88	-88	0	30	
2018/19-5	Lab	method blank	5/15/2019	Organic	Benzo(a)pyrene	n/a	<	0.02	µg/L	EPA 525.2	0.02	0.1			
2018/19-5	Lab	method blank	5/16/2019	Organic	Benzo(a)pyrene	n/a	<	0.07	µg/L	EPA 525.2	0.07	0.1			
2018/19-5	Lab	LCS	5/16/2019	Organic	Benzo(a)pyrene	n/a	=	4.84	µg/L	EPA 525.2	0.07	0.1			
2018/19-5	Lab	LCS, rec	5/16/2019	Organic	Benzo(a)pyrene	n/a	=	97	%	EPA 525.2	-88	-88	60	130	
2018/19-5	Lab	LCS dup	5/16/2019	Organic	Benzo(a)pyrene	n/a	=	4.69	µg/L	EPA 525.2	0.07	0.1			
2018/19-5	Lab	LCS dup, rec	5/16/2019	Organic	Benzo(a)pyrene	n/a	=	94	%	EPA 525.2	-88	-88	60	130	
2018/19-5	Lab	LCS, RPD	5/16/2019	Organic	Benzo(a)pyrene	n/a	=	3	%	EPA 525.2	-88	-88	0	30	

Appendix F
Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2018/19-5	Lab	method blank	5/24/2019	Organic	Benzo(a)pyrene	n/a	<	0.13	µg/L	EPA 625	0.13	1			
2018/19-5	Lab	LCS	5/24/2019	Organic	Benzo(a)pyrene	n/a	=	24.8	µg/L	EPA 625	0.13	1			
2018/19-5	Lab	LCS, rec	5/24/2019	Organic	Benzo(a)pyrene	n/a	=	99	%	EPA 625	-88	-88	58	130	
2018/19-5	Lab	LCS dup	5/24/2019	Organic	Benzo(a)pyrene	n/a	=	24.1	µg/L	EPA 625	0.13	1			
2018/19-5	Lab	LCS dup, rec	5/24/2019	Organic	Benzo(a)pyrene	n/a	=	96	%	EPA 625	-88	-88	58	130	
2018/19-5	Lab	LCS, RPD	5/24/2019	Organic	Benzo(a)pyrene	n/a	=	3	%	EPA 625	-88	-88	0	30	
2018/19-5	Lab	method blank	6/1/2019	Organic	Benzo(a)pyrene	n/a	<	0.13	µg/L	EPA 625	0.13	1			
2018/19-5	Lab	LCS dup	6/1/2019	Organic	Benzo(a)pyrene	n/a	=	23.6	µg/L	EPA 625	0.13	1			
2018/19-5	Lab	LCS dup, rec	6/1/2019	Organic	Benzo(a)pyrene	n/a	=	95	%	EPA 625	-88	-88	58	130	
2018/19-5	Lab	LCS, RPD	6/1/2019	Organic	Benzo(a)pyrene	n/a	=	3	%	EPA 625	-88	-88	0	30	
2018/19-5	Lab	LCS	6/1/2019	Organic	Benzo(a)pyrene	n/a	=	24.3	µg/L	EPA 625	0.13	1			
2018/19-5	Lab	LCS, rec	6/1/2019	Organic	Benzo(a)pyrene	n/a	=	97	%	EPA 625	-88	-88	58	130	
2018/19-5	Lab	method blank	6/3/2019	Organic	Benzo(a)pyrene	n/a	<	0.13	µg/L	EPA 625	0.13	1			
2018/19-5	Lab	LCS	6/3/2019	Organic	Benzo(a)pyrene	n/a	=	23.4	µg/L	EPA 625	0.13	1			
2018/19-5	Lab	LCS, rec	6/3/2019	Organic	Benzo(a)pyrene	n/a	=	94	%	EPA 625	-88	-88	58	130	
2018/19-5	Lab	method blank	6/6/2019	Organic	Benzo(a)pyrene	n/a	<	0.13	µg/L	EPA 625	0.13	1			
2018/19-5	Lab	LCS	6/6/2019	Organic	Benzo(a)pyrene	n/a	=	22.4	µg/L	EPA 625	0.13	1			
2018/19-5	Lab	LCS, rec	6/6/2019	Organic	Benzo(a)pyrene	n/a	=	90	%	EPA 625	-88	-88	58	130	
2018/19-5	Lab	method blank	6/7/2019	Organic	Benzo(a)pyrene	n/a	<	0.1	µg/L	EPA 8270C	0.1	0.1			
2018/19-5	Lab	LCS	6/7/2019	Organic	Benzo(a)pyrene	n/a	=	9.52	µg/L	EPA 8270C	0.1	0.1			
2018/19-5	Lab	LCS, rec	6/7/2019	Organic	Benzo(a)pyrene	n/a	=	95	%	EPA 8270C	-88	-88	12	131	
2018/19-5	Lab	LCS dup	6/8/2019	Organic	Benzo(a)pyrene	n/a	=	9.55	µg/L	EPA 8270C	0.1	0.1			
2018/19-5	Lab	LCS dup, rec	6/8/2019	Organic	Benzo(a)pyrene	n/a	=	96	%	EPA 8270C	-88	-88	12	131	
2018/19-5	Lab	LCS, RPD	6/8/2019	Organic	Benzo(a)pyrene	n/a	=	0.3	%	EPA 8270C	-88	-88	0	30	
2018/19-5	Lab	method blank	6/8/2019	Organic	Benzo(a)pyrene	n/a	<	0.1	µg/L	EPA 8270C	0.1	0.1			
2018/19-5	Lab	LCS	6/8/2019	Organic	Benzo(a)pyrene	n/a	=	9.32	µg/L	EPA 8270C	0.1	0.1			
2018/19-5	Lab	LCS, rec	6/8/2019	Organic	Benzo(a)pyrene	n/a	=	93	%	EPA 8270C	-88	-88	12	131	
2018/19-5	Lab	LCS dup	6/8/2019	Organic	Benzo(a)pyrene	n/a	=	9.37	µg/L	EPA 8270C	0.1	0.1			
2018/19-5	Lab	LCS dup, rec	6/8/2019	Organic	Benzo(a)pyrene	n/a	=	94	%	EPA 8270C	-88	-88	12	131	
2018/19-5	Lab	LCS, RPD	6/8/2019	Organic	Benzo(a)pyrene	n/a	=	0.5	%	EPA 8270C	-88	-88	0	30	
2018/19-5	000NONPJ	matrix spike	5/7/2019	Organic	Benzo(b)fluoranthene	n/a	=	20.4	µg/L	EPA 625	0.14	1			
2018/19-5	000NONPJ	matrix spike, rec	5/7/2019	Organic	Benzo(b)fluoranthene	n/a	=	82	%	EPA 625	-88	-88	54	130	
2018/19-5	000NONPJ	matrix spike dup	5/7/2019	Organic	Benzo(b)fluoranthene	n/a	=	22.5	µg/L	EPA 625	0.14	1			
2018/19-5	000NONPJ	matrix spike dup, rec	5/7/2019	Organic	Benzo(b)fluoranthene	n/a	=	90	%	EPA 625	-88	-88	54	130	
2018/19-5	000NONPJ	matrix spike, RPD	5/7/2019	Organic	Benzo(b)fluoranthene	n/a	=	10	%	EPA 625	-88	-88	0	30	
2018/19-5	000NONPJ	matrix spike	6/6/2019	Organic	Benzo(b)fluoranthene	n/a	=	20.3	µg/L	EPA 625	1.4	10			
2018/19-5	000NONPJ	matrix spike, rec	6/6/2019	Organic	Benzo(b)fluoranthene	n/a	=	81	%	EPA 625	-88	-88	54	130	
2018/19-5	000NONPJ	matrix spike dup	6/6/2019	Organic	Benzo(b)fluoranthene	n/a	=	21.4	µg/L	EPA 625	1.4	10			
2018/19-5	000NONPJ	matrix spike dup, rec	6/6/2019	Organic	Benzo(b)fluoranthene	n/a	=	86	%	EPA 625	-88	-88	54	130	
2018/19-5	000NONPJ	matrix spike, RPD	6/6/2019	Organic	Benzo(b)fluoranthene	n/a	=	5	%	EPA 625	-88	-88	0	30	
2018/19-5	Lab	method blank	5/6/2019	Organic	Benzo(b)fluoranthene	n/a	<	0.14	µg/L	EPA 625	0.14	1			
2018/19-5	Lab	LCS dup	5/6/2019	Organic	Benzo(b)fluoranthene	n/a	=	24.6	µg/L	EPA 625	0.14	1			
2018/19-5	Lab	LCS dup, rec	5/6/2019	Organic	Benzo(b)fluoranthene	n/a	=	98	%	EPA 625	-88	-88	57	130	
2018/19-5	Lab	LCS, RPD	5/6/2019	Organic	Benzo(b)fluoranthene	n/a	=	4	%	EPA 625	-88	-88	0	30	
2018/19-5	Lab	LCS	5/7/2019	Organic	Benzo(b)fluoranthene	n/a	=	25.6	µg/L	EPA 625	0.14	1			
2018/19-5	Lab	LCS, rec	5/7/2019	Organic	Benzo(b)fluoranthene	n/a	=	103	%	EPA 625	-88	-88	57	130	
2018/19-5	Lab	method blank	5/24/2019	Organic	Benzo(b)fluoranthene	n/a	<	0.14	µg/L	EPA 625	0.14	1			

Appendix F
Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2018/19-5	Lab	LCS	5/24/2019	Organic	Benzo(b)fluoranthene	n/a	=	27.7	µg/L	EPA 625	0.14	1			
2018/19-5	Lab	LCS, rec	5/24/2019	Organic	Benzo(b)fluoranthene	n/a	=	111	%	EPA 625	-88	-88	57	130	
2018/19-5	Lab	LCS dup	5/24/2019	Organic	Benzo(b)fluoranthene	n/a	=	25.6	µg/L	EPA 625	0.14	1			
2018/19-5	Lab	LCS dup, rec	5/24/2019	Organic	Benzo(b)fluoranthene	n/a	=	103	%	EPA 625	-88	-88	57	130	
2018/19-5	Lab	LCS, RPD	5/24/2019	Organic	Benzo(b)fluoranthene	n/a	=	8	%	EPA 625	-88	-88	0	30	
2018/19-5	Lab	method blank	6/1/2019	Organic	Benzo(b)fluoranthene	n/a	<	0.14	µg/L	EPA 625	0.14	1			
2018/19-5	Lab	LCS dup	6/1/2019	Organic	Benzo(b)fluoranthene	n/a	=	25.9	µg/L	EPA 625	0.14	1			
2018/19-5	Lab	LCS dup, rec	6/1/2019	Organic	Benzo(b)fluoranthene	n/a	=	103	%	EPA 625	-88	-88	57	130	
2018/19-5	Lab	LCS, RPD	6/1/2019	Organic	Benzo(b)fluoranthene	n/a	=	2	%	EPA 625	-88	-88	0	30	
2018/19-5	Lab	LCS	6/1/2019	Organic	Benzo(b)fluoranthene	n/a	=	26.4	µg/L	EPA 625	0.14	1			
2018/19-5	Lab	LCS, rec	6/1/2019	Organic	Benzo(b)fluoranthene	n/a	=	106	%	EPA 625	-88	-88	57	130	
2018/19-5	Lab	method blank	6/3/2019	Organic	Benzo(b)fluoranthene	n/a	<	0.14	µg/L	EPA 625	0.14	1			
2018/19-5	Lab	LCS	6/3/2019	Organic	Benzo(b)fluoranthene	n/a	=	25.8	µg/L	EPA 625	0.14	1			
2018/19-5	Lab	LCS, rec	6/3/2019	Organic	Benzo(b)fluoranthene	n/a	=	103	%	EPA 625	-88	-88	57	130	
2018/19-5	Lab	method blank	6/6/2019	Organic	Benzo(b)fluoranthene	n/a	<	0.14	µg/L	EPA 625	0.14	1			
2018/19-5	Lab	LCS	6/6/2019	Organic	Benzo(b)fluoranthene	n/a	=	25.4	µg/L	EPA 625	0.14	1			
2018/19-5	Lab	LCS, rec	6/6/2019	Organic	Benzo(b)fluoranthene	n/a	=	101	%	EPA 625	-88	-88	57	130	
2018/19-5	Lab	method blank	6/7/2019	Organic	Benzo(b)fluoranthene	n/a	<	0.1	µg/L	EPA 8270C	0.1	0.1			
2018/19-5	Lab	LCS	6/7/2019	Organic	Benzo(b)fluoranthene	n/a	=	10.5	µg/L	EPA 8270C	0.1	0.1			
2018/19-5	Lab	LCS, rec	6/7/2019	Organic	Benzo(b)fluoranthene	n/a	=	105	%	EPA 8270C	-88	-88	19	129	
2018/19-5	Lab	LCS dup	6/8/2019	Organic	Benzo(b)fluoranthene	n/a	=	10.6	µg/L	EPA 8270C	0.1	0.1			
2018/19-5	Lab	LCS dup, rec	6/8/2019	Organic	Benzo(b)fluoranthene	n/a	=	106	%	EPA 8270C	-88	-88	19	129	
2018/19-5	Lab	LCS, RPD	6/8/2019	Organic	Benzo(b)fluoranthene	n/a	=	0.7	%	EPA 8270C	-88	-88	0	30	
2018/19-5	Lab	method blank	6/8/2019	Organic	Benzo(b)fluoranthene	n/a	<	0.1	µg/L	EPA 8270C	0.1	0.1			
2018/19-5	Lab	LCS	6/8/2019	Organic	Benzo(b)fluoranthene	n/a	=	10.3	µg/L	EPA 8270C	0.1	0.1			
2018/19-5	Lab	LCS, rec	6/8/2019	Organic	Benzo(b)fluoranthene	n/a	=	103	%	EPA 8270C	-88	-88	19	129	
2018/19-5	Lab	LCS dup	6/8/2019	Organic	Benzo(b)fluoranthene	n/a	=	10.3	µg/L	EPA 8270C	0.1	0.1			
2018/19-5	Lab	LCS dup, rec	6/8/2019	Organic	Benzo(b)fluoranthene	n/a	=	103	%	EPA 8270C	-88	-88	19	129	
2018/19-5	Lab	LCS, RPD	6/8/2019	Organic	Benzo(b)fluoranthene	n/a	=	0.9	%	EPA 8270C	-88	-88	0	30	
2018/19-5	000NONPJ	matrix spike	5/7/2019	Organic	Benzo(g,h,i)perylene	n/a	=	20.3	µg/L	EPA 625	0.1	2			
2018/19-5	000NONPJ	matrix spike, rec	5/7/2019	Organic	Benzo(g,h,i)perylene	n/a	=	81	%	EPA 625	-88	-88	22	130	
2018/19-5	000NONPJ	matrix spike dup	5/7/2019	Organic	Benzo(g,h,i)perylene	n/a	=	21.3	µg/L	EPA 625	0.1	2			
2018/19-5	000NONPJ	matrix spike dup, rec	5/7/2019	Organic	Benzo(g,h,i)perylene	n/a	=	85	%	EPA 625	-88	-88	22	130	
2018/19-5	000NONPJ	matrix spike, RPD	5/7/2019	Organic	Benzo(g,h,i)perylene	n/a	=	5	%	EPA 625	-88	-88	0	30	
2018/19-5	000NONPJ	matrix spike	6/6/2019	Organic	Benzo(g,h,i)perylene	n/a	DNQ	8.09	µg/L	EPA 625	1	20			
2018/19-5	000NONPJ	matrix spike, rec	6/6/2019	Organic	Benzo(g,h,i)perylene	n/a	=	32	%	EPA 625	-88	-88	22	130	
2018/19-5	000NONPJ	matrix spike dup	6/6/2019	Organic	Benzo(g,h,i)perylene	n/a	DNQ	10.8	µg/L	EPA 625	1	20			
2018/19-5	000NONPJ	matrix spike dup, rec	6/6/2019	Organic	Benzo(g,h,i)perylene	n/a	=	43	%	EPA 625	-88	-88	22	130	
2018/19-5	000NONPJ	matrix spike, RPD	6/6/2019	Organic	Benzo(g,h,i)perylene	n/a	=	29	%	EPA 625	-88	-88	0	30	
2018/19-5	Lab	method blank	5/6/2019	Organic	Benzo(g,h,i)perylene	n/a	<	0.1	µg/L	EPA 625	0.1	2			
2018/19-5	Lab	LCS dup	5/6/2019	Organic	Benzo(g,h,i)perylene	n/a	=	25.1	µg/L	EPA 625	0.1	2			
2018/19-5	Lab	LCS dup, rec	5/6/2019	Organic	Benzo(g,h,i)perylene	n/a	=	100	%	EPA 625	-88	-88	30	143	
2018/19-5	Lab	LCS, RPD	5/6/2019	Organic	Benzo(g,h,i)perylene	n/a	=	5	%	EPA 625	-88	-88	0	30	
2018/19-5	Lab	LCS	5/7/2019	Organic	Benzo(g,h,i)perylene	n/a	=	26.3	µg/L	EPA 625	0.1	2			
2018/19-5	Lab	LCS, rec	5/7/2019	Organic	Benzo(g,h,i)perylene	n/a	=	105	%	EPA 625	-88	-88	30	143	
2018/19-5	Lab	method blank	5/24/2019	Organic	Benzo(g,h,i)perylene	n/a	<	0.1	µg/L	EPA 625	0.1	2			
2018/19-5	Lab	LCS	5/24/2019	Organic	Benzo(g,h,i)perylene	n/a	=	28.2	µg/L	EPA 625	0.1	2			

Appendix F
Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2018/19-5	Lab	LCS, rec	5/24/2019	Organic	Benzo(g,h,i)perylene	n/a	=	113	%	EPA 625	-88	-88	30	143	
2018/19-5	Lab	LCS dup	5/24/2019	Organic	Benzo(g,h,i)perylene	n/a	=	27.3	µg/L	EPA 625	0.1	2			
2018/19-5	Lab	LCS dup, rec	5/24/2019	Organic	Benzo(g,h,i)perylene	n/a	=	109	%	EPA 625	-88	-88	30	143	
2018/19-5	Lab	LCS, RPD	5/24/2019	Organic	Benzo(g,h,i)perylene	n/a	=	3	%	EPA 625	-88	-88	0	30	
2018/19-5	Lab	method blank	6/1/2019	Organic	Benzo(g,h,i)perylene	n/a	<	0.1	µg/L	EPA 625	0.1	2			
2018/19-5	Lab	LCS dup	6/1/2019	Organic	Benzo(g,h,i)perylene	n/a	=	24	µg/L	EPA 625	0.1	2			
2018/19-5	Lab	LCS dup, rec	6/1/2019	Organic	Benzo(g,h,i)perylene	n/a	=	96	%	EPA 625	-88	-88	30	143	
2018/19-5	Lab	LCS, RPD	6/1/2019	Organic	Benzo(g,h,i)perylene	n/a	=	2	%	EPA 625	-88	-88	0	30	
2018/19-5	Lab	LCS	6/1/2019	Organic	Benzo(g,h,i)perylene	n/a	=	24.4	µg/L	EPA 625	0.1	2			
2018/19-5	Lab	LCS, rec	6/1/2019	Organic	Benzo(g,h,i)perylene	n/a	=	98	%	EPA 625	-88	-88	30	143	
2018/19-5	Lab	method blank	6/3/2019	Organic	Benzo(g,h,i)perylene	n/a	<	0.1	µg/L	EPA 625	0.1	2			
2018/19-5	Lab	LCS	6/3/2019	Organic	Benzo(g,h,i)perylene	n/a	=	23.5	µg/L	EPA 625	0.1	2			
2018/19-5	Lab	LCS, rec	6/3/2019	Organic	Benzo(g,h,i)perylene	n/a	=	94	%	EPA 625	-88	-88	30	143	
2018/19-5	Lab	method blank	6/6/2019	Organic	Benzo(g,h,i)perylene	n/a	<	0.1	µg/L	EPA 625	0.1	2			
2018/19-5	Lab	LCS	6/6/2019	Organic	Benzo(g,h,i)perylene	n/a	=	21.9	µg/L	EPA 625	0.1	2			
2018/19-5	Lab	LCS, rec	6/6/2019	Organic	Benzo(g,h,i)perylene	n/a	=	87	%	EPA 625	-88	-88	30	143	
2018/19-5	Lab	method blank	6/6/2019	Organic	Benzo(g,h,i)perylene	n/a	<	0.1	µg/L	EPA 625	0.1	2			
2018/19-5	Lab	LCS	6/6/2019	Organic	Benzo(g,h,i)perylene	n/a	=	21.7	µg/L	EPA 625	0.1	2			
2018/19-5	Lab	LCS, rec	6/6/2019	Organic	Benzo(g,h,i)perylene	n/a	=	87	%	EPA 625	-88	-88	30	143	
2018/19-5	Lab	LCS dup	6/6/2019	Organic	Benzo(g,h,i)perylene	n/a	=	22.3	µg/L	EPA 625	0.1	2			
2018/19-5	Lab	LCS dup, rec	6/6/2019	Organic	Benzo(g,h,i)perylene	n/a	=	89	%	EPA 625	-88	-88	30	143	
2018/19-5	Lab	LCS, RPD	6/6/2019	Organic	Benzo(g,h,i)perylene	n/a	=	3	%	EPA 625	-88	-88	0	30	
2018/19-5	Lab	method blank	6/7/2019	Organic	Benzo(g,h,i)perylene	n/a	<	0.1	µg/L	EPA 8270C	0.1	0.1			
2018/19-5	Lab	LCS	6/7/2019	Organic	Benzo(g,h,i)perylene	n/a	=	9.6	µg/L	EPA 8270C	0.1	0.1			
2018/19-5	Lab	LCS, rec	6/7/2019	Organic	Benzo(g,h,i)perylene	n/a	=	96	%	EPA 8270C	-88	-88	14	139	
2018/19-5	Lab	LCS dup	6/8/2019	Organic	Benzo(g,h,i)perylene	n/a	=	9.73	µg/L	EPA 8270C	0.1	0.1			
2018/19-5	Lab	LCS dup, rec	6/8/2019	Organic	Benzo(g,h,i)perylene	n/a	=	97	%	EPA 8270C	-88	-88	14	139	
2018/19-5	Lab	LCS, RPD	6/8/2019	Organic	Benzo(g,h,i)perylene	n/a	=	1	%	EPA 8270C	-88	-88	0	30	
2018/19-5	Lab	method blank	6/8/2019	Organic	Benzo(g,h,i)perylene	n/a	<	0.1	µg/L	EPA 8270C	0.1	0.1			
2018/19-5	Lab	LCS	6/8/2019	Organic	Benzo(g,h,i)perylene	n/a	=	9.16	µg/L	EPA 8270C	0.1	0.1			
2018/19-5	Lab	LCS, rec	6/8/2019	Organic	Benzo(g,h,i)perylene	n/a	=	92	%	EPA 8270C	-88	-88	14	139	
2018/19-5	Lab	LCS dup	6/8/2019	Organic	Benzo(g,h,i)perylene	n/a	=	9.16	µg/L	EPA 8270C	0.1	0.1			
2018/19-5	Lab	LCS dup, rec	6/8/2019	Organic	Benzo(g,h,i)perylene	n/a	=	92	%	EPA 8270C	-88	-88	14	139	
2018/19-5	Lab	LCS, RPD	6/8/2019	Organic	Benzo(g,h,i)perylene	n/a	=	0.04	%	EPA 8270C	-88	-88	0	30	
2018/19-5	000NONPJ	matrix spike	5/7/2019	Organic	Benzo(k)fluoranthene	n/a	=	17.5	µg/L	EPA 625	0.22	1			
2018/19-5	000NONPJ	matrix spike, rec	5/7/2019	Organic	Benzo(k)fluoranthene	n/a	=	70	%	EPA 625	-88	-88	44	130	
2018/19-5	000NONPJ	matrix spike dup	5/7/2019	Organic	Benzo(k)fluoranthene	n/a	=	20.1	µg/L	EPA 625	0.22	1			
2018/19-5	000NONPJ	matrix spike dup, rec	5/7/2019	Organic	Benzo(k)fluoranthene	n/a	=	80	%	EPA 625	-88	-88	44	130	
2018/19-5	000NONPJ	matrix spike, RPD	5/7/2019	Organic	Benzo(k)fluoranthene	n/a	=	14	%	EPA 625	-88	-88	0	30	
2018/19-5	000NONPJ	matrix spike	6/6/2019	Organic	Benzo(k)fluoranthene	n/a	=	16.7	µg/L	EPA 625	2.2	10			
2018/19-5	000NONPJ	matrix spike, rec	6/6/2019	Organic	Benzo(k)fluoranthene	n/a	=	67	%	EPA 625	-88	-88	44	130	
2018/19-5	000NONPJ	matrix spike dup	6/6/2019	Organic	Benzo(k)fluoranthene	n/a	=	18	µg/L	EPA 625	2.2	10			
2018/19-5	000NONPJ	matrix spike dup, rec	6/6/2019	Organic	Benzo(k)fluoranthene	n/a	=	72	%	EPA 625	-88	-88	44	130	
2018/19-5	000NONPJ	matrix spike, RPD	6/6/2019	Organic	Benzo(k)fluoranthene	n/a	=	7	%	EPA 625	-88	-88	0	30	
2018/19-5	Lab	method blank	5/6/2019	Organic	Benzo(k)fluoranthene	n/a	<	0.22	µg/L	EPA 625	0.22	1			
2018/19-5	Lab	LCS dup	5/6/2019	Organic	Benzo(k)fluoranthene	n/a	=	23.6	µg/L	EPA 625	0.22	1			
2018/19-5	Lab	LCS dup, rec	5/6/2019	Organic	Benzo(k)fluoranthene	n/a	=	94	%	EPA 625	-88	-88	57	130	

Appendix F
Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2018/19-5	Lab	LCS, RPD	5/6/2019	Organic	Benzo(k)fluoranthene	n/a	=	2	%	EPA 625	-88	-88	0	30	
2018/19-5	Lab	LCS	5/7/2019	Organic	Benzo(k)fluoranthene	n/a	=	24.1	µg/L	EPA 625	0.22	1			
2018/19-5	Lab	LCS, rec	5/7/2019	Organic	Benzo(k)fluoranthene	n/a	=	96	%	EPA 625	-88	-88	57	130	
2018/19-5	Lab	method blank	5/24/2019	Organic	Benzo(k)fluoranthene	n/a	<	0.22	µg/L	EPA 625	0.22	1			
2018/19-5	Lab	LCS	5/24/2019	Organic	Benzo(k)fluoranthene	n/a	=	27.5	µg/L	EPA 625	0.22	1			
2018/19-5	Lab	LCS, rec	5/24/2019	Organic	Benzo(k)fluoranthene	n/a	=	110	%	EPA 625	-88	-88	57	130	
2018/19-5	Lab	LCS dup	5/24/2019	Organic	Benzo(k)fluoranthene	n/a	=	28	µg/L	EPA 625	0.22	1			
2018/19-5	Lab	LCS dup, rec	5/24/2019	Organic	Benzo(k)fluoranthene	n/a	=	112	%	EPA 625	-88	-88	57	130	
2018/19-5	Lab	LCS, RPD	5/24/2019	Organic	Benzo(k)fluoranthene	n/a	=	2	%	EPA 625	-88	-88	0	30	
2018/19-5	Lab	method blank	6/1/2019	Organic	Benzo(k)fluoranthene	n/a	<	0.22	µg/L	EPA 625	0.22	1			
2018/19-5	Lab	LCS dup	6/1/2019	Organic	Benzo(k)fluoranthene	n/a	=	25.7	µg/L	EPA 625	0.22	1			
2018/19-5	Lab	LCS dup, rec	6/1/2019	Organic	Benzo(k)fluoranthene	n/a	=	103	%	EPA 625	-88	-88	57	130	
2018/19-5	Lab	LCS, RPD	6/1/2019	Organic	Benzo(k)fluoranthene	n/a	=	2	%	EPA 625	-88	-88	0	30	
2018/19-5	Lab	LCS	6/1/2019	Organic	Benzo(k)fluoranthene	n/a	=	26.3	µg/L	EPA 625	0.22	1			
2018/19-5	Lab	LCS, rec	6/1/2019	Organic	Benzo(k)fluoranthene	n/a	=	105	%	EPA 625	-88	-88	57	130	
2018/19-5	Lab	method blank	6/3/2019	Organic	Benzo(k)fluoranthene	n/a	<	0.22	µg/L	EPA 625	0.22	1			
2018/19-5	Lab	LCS	6/3/2019	Organic	Benzo(k)fluoranthene	n/a	=	27.1	µg/L	EPA 625	0.22	1			
2018/19-5	Lab	LCS, rec	6/3/2019	Organic	Benzo(k)fluoranthene	n/a	=	109	%	EPA 625	-88	-88	57	130	
2018/19-5	Lab	method blank	6/6/2019	Organic	Benzo(k)fluoranthene	n/a	<	0.22	µg/L	EPA 625	0.22	1			
2018/19-5	Lab	LCS	6/6/2019	Organic	Benzo(k)fluoranthene	n/a	=	25.9	µg/L	EPA 625	0.22	1			
2018/19-5	Lab	LCS, rec	6/6/2019	Organic	Benzo(k)fluoranthene	n/a	=	103	%	EPA 625	-88	-88	57	130	
2018/19-5	Lab	method blank	6/7/2019	Organic	Benzo(k)fluoranthene	n/a	<	0.1	µg/L	EPA 8270C	0.1	0.1			
2018/19-5	Lab	LCS	6/7/2019	Organic	Benzo(k)fluoranthene	n/a	=	9.96	µg/L	EPA 8270C	0.1	0.1			
2018/19-5	Lab	LCS, rec	6/7/2019	Organic	Benzo(k)fluoranthene	n/a	=	100	%	EPA 8270C	-88	-88	22	127	
2018/19-5	Lab	LCS dup	6/8/2019	Organic	Benzo(k)fluoranthene	n/a	=	9.93	µg/L	EPA 8270C	0.1	0.1			
2018/19-5	Lab	LCS dup, rec	6/8/2019	Organic	Benzo(k)fluoranthene	n/a	=	99	%	EPA 8270C	-88	-88	22	127	
2018/19-5	Lab	LCS, RPD	6/8/2019	Organic	Benzo(k)fluoranthene	n/a	=	0.3	%	EPA 8270C	-88	-88	0	30	
2018/19-5	Lab	method blank	6/8/2019	Organic	Benzo(k)fluoranthene	n/a	<	0.1	µg/L	EPA 8270C	0.1	0.1			
2018/19-5	Lab	LCS	6/8/2019	Organic	Benzo(k)fluoranthene	n/a	=	9.5	µg/L	EPA 8270C	0.1	0.1			
2018/19-5	Lab	LCS, rec	6/8/2019	Organic	Benzo(k)fluoranthene	n/a	=	95	%	EPA 8270C	-88	-88	22	127	
2018/19-5	Lab	LCS dup	6/8/2019	Organic	Benzo(k)fluoranthene	n/a	=	9.59	µg/L	EPA 8270C	0.1	0.1			
2018/19-5	Lab	LCS dup, rec	6/8/2019	Organic	Benzo(k)fluoranthene	n/a	=	96	%	EPA 8270C	-88	-88	22	127	
2018/19-5	Lab	LCS, RPD	6/8/2019	Organic	Benzo(k)fluoranthene	n/a	=	0.9	%	EPA 8270C	-88	-88	0	30	
2018/19-5	000NONPJ	matrix spike	5/7/2019	Organic	Bis(2-chloroethoxy)methane	n/a	=	10.8	µg/L	EPA 625	0.25	1			
2018/19-5	000NONPJ	matrix spike, rec	5/7/2019	Organic	Bis(2-chloroethoxy)methane	n/a	=	43	%	EPA 625	-88	-88	33	130	
2018/19-5	000NONPJ	matrix spike dup	5/7/2019	Organic	Bis(2-chloroethoxy)methane	n/a	=	12.6	µg/L	EPA 625	0.25	1			
2018/19-5	000NONPJ	matrix spike dup, rec	5/7/2019	Organic	Bis(2-chloroethoxy)methane	n/a	=	50	%	EPA 625	-88	-88	33	130	
2018/19-5	000NONPJ	matrix spike, RPD	5/7/2019	Organic	Bis(2-chloroethoxy)methane	n/a	=	15	%	EPA 625	-88	-88	0	30	
2018/19-5	000NONPJ	matrix spike	6/6/2019	Organic	Bis(2-chloroethoxy)methane	n/a	=	16.4	µg/L	EPA 625	2.5	10			
2018/19-5	000NONPJ	matrix spike, rec	6/6/2019	Organic	Bis(2-chloroethoxy)methane	n/a	=	66	%	EPA 625	-88	-88	33	130	
2018/19-5	000NONPJ	matrix spike dup	6/6/2019	Organic	Bis(2-chloroethoxy)methane	n/a	=	15.2	µg/L	EPA 625	2.5	10			
2018/19-5	000NONPJ	matrix spike dup, rec	6/6/2019	Organic	Bis(2-chloroethoxy)methane	n/a	=	61	%	EPA 625	-88	-88	33	130	
2018/19-5	000NONPJ	matrix spike, RPD	6/6/2019	Organic	Bis(2-chloroethoxy)methane	n/a	=	8	%	EPA 625	-88	-88	0	30	
2018/19-5	Lab	method blank	5/6/2019	Organic	Bis(2-chloroethoxy)methane	n/a	<	0.25	µg/L	EPA 625	0.25	1			
2018/19-5	Lab	LCS dup	5/6/2019	Organic	Bis(2-chloroethoxy)methane	n/a	=	12.3	µg/L	EPA 625	0.25	1			
2018/19-5	Lab	LCS dup, rec	5/6/2019	Organic	Bis(2-chloroethoxy)methane	n/a	=	49	%	EPA 625	-88	-88	34	130	
2018/19-5	Lab	LCS, RPD	5/6/2019	Organic	Bis(2-chloroethoxy)methane	n/a	=	22	%	EPA 625	-88	-88	0	30	

Appendix F
Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2018/19-5	Lab	LCS	5/7/2019	Organic	Bis(2-chloroethoxy)methane	n/a	=	15.4	µg/L	EPA 625	0.25	1			
2018/19-5	Lab	LCS, rec	5/7/2019	Organic	Bis(2-chloroethoxy)methane	n/a	=	62	%	EPA 625	-88	-88	34	130	
2018/19-5	Lab	method blank	5/24/2019	Organic	Bis(2-chloroethoxy)methane	n/a	<	0.25	µg/L	EPA 625	0.25	1			
2018/19-5	Lab	LCS	5/24/2019	Organic	Bis(2-chloroethoxy)methane	n/a	=	16.8	µg/L	EPA 625	0.25	1			
2018/19-5	Lab	LCS, rec	5/24/2019	Organic	Bis(2-chloroethoxy)methane	n/a	=	67	%	EPA 625	-88	-88	34	130	
2018/19-5	Lab	LCS dup	5/24/2019	Organic	Bis(2-chloroethoxy)methane	n/a	=	18.7	µg/L	EPA 625	0.25	1			
2018/19-5	Lab	LCS dup, rec	5/24/2019	Organic	Bis(2-chloroethoxy)methane	n/a	=	75	%	EPA 625	-88	-88	34	130	
2018/19-5	Lab	LCS, RPD	5/24/2019	Organic	Bis(2-chloroethoxy)methane	n/a	=	11	%	EPA 625	-88	-88	0	30	
2018/19-5	Lab	method blank	6/1/2019	Organic	Bis(2-chloroethoxy)methane	n/a	<	0.25	µg/L	EPA 625	0.25	1			
2018/19-5	Lab	LCS dup	6/1/2019	Organic	Bis(2-chloroethoxy)methane	n/a	=	15.7	µg/L	EPA 625	0.25	1			
2018/19-5	Lab	LCS dup, rec	6/1/2019	Organic	Bis(2-chloroethoxy)methane	n/a	=	63	%	EPA 625	-88	-88	34	130	
2018/19-5	Lab	LCS, RPD	6/1/2019	Organic	Bis(2-chloroethoxy)methane	n/a	=	21	%	EPA 625	-88	-88	0	30	
2018/19-5	Lab	LCS	6/1/2019	Organic	Bis(2-chloroethoxy)methane	n/a	=	19.5	µg/L	EPA 625	0.25	1			
2018/19-5	Lab	LCS, rec	6/1/2019	Organic	Bis(2-chloroethoxy)methane	n/a	=	78	%	EPA 625	-88	-88	34	130	
2018/19-5	Lab	method blank	6/3/2019	Organic	Bis(2-chloroethoxy)methane	n/a	<	0.25	µg/L	EPA 625	0.25	1			
2018/19-5	Lab	LCS	6/3/2019	Organic	Bis(2-chloroethoxy)methane	n/a	=	15.9	µg/L	EPA 625	0.25	1			
2018/19-5	Lab	LCS, rec	6/3/2019	Organic	Bis(2-chloroethoxy)methane	n/a	=	64	%	EPA 625	-88	-88	34	130	
2018/19-5	Lab	method blank	6/6/2019	Organic	Bis(2-chloroethoxy)methane	n/a	<	0.25	µg/L	EPA 625	0.25	1			
2018/19-5	Lab	LCS	6/6/2019	Organic	Bis(2-chloroethoxy)methane	n/a	=	16	µg/L	EPA 625	0.25	1			
2018/19-5	Lab	LCS, rec	6/6/2019	Organic	Bis(2-chloroethoxy)methane	n/a	=	64	%	EPA 625	-88	-88	34	130	
2018/19-5	000NONPJ	matrix spike	5/7/2019	Organic	Bis(2-chloroethyl)ether	n/a	=	10.3	µg/L	EPA 625	0.27	1			
2018/19-5	000NONPJ	matrix spike, rec	5/7/2019	Organic	Bis(2-chloroethyl)ether	n/a	=	41	%	EPA 625	-88	-88	30	130	
2018/19-5	000NONPJ	matrix spike dup	5/7/2019	Organic	Bis(2-chloroethyl)ether	n/a	=	11.6	µg/L	EPA 625	0.27	1			
2018/19-5	000NONPJ	matrix spike dup, rec	5/7/2019	Organic	Bis(2-chloroethyl)ether	n/a	=	46	%	EPA 625	-88	-88	30	130	
2018/19-5	000NONPJ	matrix spike, RPD	5/7/2019	Organic	Bis(2-chloroethyl)ether	n/a	=	12	%	EPA 625	-88	-88	0	30	
2018/19-5	000NONPJ	matrix spike	6/6/2019	Organic	Bis(2-chloroethyl)ether	n/a	=	14.1	µg/L	EPA 625	2.7	10			
2018/19-5	000NONPJ	matrix spike, rec	6/6/2019	Organic	Bis(2-chloroethyl)ether	n/a	=	56	%	EPA 625	-88	-88	30	130	
2018/19-5	000NONPJ	matrix spike dup	6/6/2019	Organic	Bis(2-chloroethyl)ether	n/a	=	14.4	µg/L	EPA 625	2.7	10			
2018/19-5	000NONPJ	matrix spike dup, rec	6/6/2019	Organic	Bis(2-chloroethyl)ether	n/a	=	58	%	EPA 625	-88	-88	30	130	
2018/19-5	000NONPJ	matrix spike, RPD	6/6/2019	Organic	Bis(2-chloroethyl)ether	n/a	=	2	%	EPA 625	-88	-88	0	30	
2018/19-5	Lab	method blank	5/6/2019	Organic	Bis(2-chloroethyl)ether	n/a	<	0.27	µg/L	EPA 625	0.27	1			
2018/19-5	Lab	LCS dup	5/6/2019	Organic	Bis(2-chloroethyl)ether	n/a	=	11.4	µg/L	EPA 625	0.27	1			
2018/19-5	Lab	LCS dup, rec	5/6/2019	Organic	Bis(2-chloroethyl)ether	n/a	=	46	%	EPA 625	-88	-88	39	130	
2018/19-5	Lab	LCS, RPD	5/6/2019	Organic	Bis(2-chloroethyl)ether	n/a	=	21	%	EPA 625	-88	-88	0	30	
2018/19-5	Lab	LCS	5/7/2019	Organic	Bis(2-chloroethyl)ether	n/a	=	14	µg/L	EPA 625	0.27	1			
2018/19-5	Lab	LCS, rec	5/7/2019	Organic	Bis(2-chloroethyl)ether	n/a	=	56	%	EPA 625	-88	-88	39	130	
2018/19-5	Lab	method blank	5/24/2019	Organic	Bis(2-chloroethyl)ether	n/a	<	0.27	µg/L	EPA 625	0.27	1			
2018/19-5	Lab	LCS	5/24/2019	Organic	Bis(2-chloroethyl)ether	n/a	=	15.4	µg/L	EPA 625	0.27	1			
2018/19-5	Lab	LCS, rec	5/24/2019	Organic	Bis(2-chloroethyl)ether	n/a	=	62	%	EPA 625	-88	-88	39	130	
2018/19-5	Lab	LCS dup	5/24/2019	Organic	Bis(2-chloroethyl)ether	n/a	=	17.6	µg/L	EPA 625	0.27	1			
2018/19-5	Lab	LCS dup, rec	5/24/2019	Organic	Bis(2-chloroethyl)ether	n/a	=	70	%	EPA 625	-88	-88	39	130	
2018/19-5	Lab	LCS, RPD	5/24/2019	Organic	Bis(2-chloroethyl)ether	n/a	=	13	%	EPA 625	-88	-88	0	30	
2018/19-5	Lab	method blank	6/1/2019	Organic	Bis(2-chloroethyl)ether	n/a	<	0.27	µg/L	EPA 625	0.27	1			
2018/19-5	Lab	LCS dup	6/1/2019	Organic	Bis(2-chloroethyl)ether	n/a	=	14.8	µg/L	EPA 625	0.27	1			
2018/19-5	Lab	LCS dup, rec	6/1/2019	Organic	Bis(2-chloroethyl)ether	n/a	=	59	%	EPA 625	-88	-88	39	130	
2018/19-5	Lab	LCS, RPD	6/1/2019	Organic	Bis(2-chloroethyl)ether	n/a	=	19	%	EPA 625	-88	-88	0	30	
2018/19-5	Lab	LCS	6/1/2019	Organic	Bis(2-chloroethyl)ether	n/a	=	17.9	µg/L	EPA 625	0.27	1			

Appendix F
Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2018/19-5	Lab	LCS, rec	6/1/2019	Organic	Bis(2-chloroethyl)ether	n/a	=	72	%	EPA 625	-88	-88	39	130	
2018/19-5	Lab	method blank	6/3/2019	Organic	Bis(2-chloroethyl)ether	n/a	<	0.27	µg/L	EPA 625	0.27	1			
2018/19-5	Lab	LCS	6/3/2019	Organic	Bis(2-chloroethyl)ether	n/a	=	15.3	µg/L	EPA 625	0.27	1			
2018/19-5	Lab	LCS, rec	6/3/2019	Organic	Bis(2-chloroethyl)ether	n/a	=	61	%	EPA 625	-88	-88	39	130	
2018/19-5	Lab	method blank	6/6/2019	Organic	Bis(2-chloroethyl)ether	n/a	<	0.27	µg/L	EPA 625	0.27	1			
2018/19-5	Lab	LCS	6/6/2019	Organic	Bis(2-chloroethyl)ether	n/a	=	14.9	µg/L	EPA 625	0.27	1			
2018/19-5	Lab	LCS, rec	6/6/2019	Organic	Bis(2-chloroethyl)ether	n/a	=	60	%	EPA 625	-88	-88	39	130	
2018/19-5	000NONPJ	matrix spike	5/7/2019	Organic	Bis(2-chloroisopropyl)ether	n/a	=	7.83	µg/L	EPA 625	0.38	1			GB
2018/19-5	000NONPJ	matrix spike, rec	5/7/2019	Organic	Bis(2-chloroisopropyl)ether	n/a	=	31	%	EPA 625	-88	-88	36	130	GB
2018/19-5	000NONPJ	matrix spike dup	5/7/2019	Organic	Bis(2-chloroisopropyl)ether	n/a	=	8.99	µg/L	EPA 625	0.38	1			
2018/19-5	000NONPJ	matrix spike dup, rec	5/7/2019	Organic	Bis(2-chloroisopropyl)ether	n/a	=	36	%	EPA 625	-88	-88	36	130	
2018/19-5	000NONPJ	matrix spike, RPD	5/7/2019	Organic	Bis(2-chloroisopropyl)ether	n/a	=	14	%	EPA 625	-88	-88	0	30	
2018/19-5	000NONPJ	matrix spike	6/6/2019	Organic	Bis(2-chloroisopropyl)ether	n/a	=	14.1	µg/L	EPA 625	3.8	10			
2018/19-5	000NONPJ	matrix spike, rec	6/6/2019	Organic	Bis(2-chloroisopropyl)ether	n/a	=	56	%	EPA 625	-88	-88	36	130	
2018/19-5	000NONPJ	matrix spike dup	6/6/2019	Organic	Bis(2-chloroisopropyl)ether	n/a	=	14.3	µg/L	EPA 625	3.8	10			
2018/19-5	000NONPJ	matrix spike dup, rec	6/6/2019	Organic	Bis(2-chloroisopropyl)ether	n/a	=	57	%	EPA 625	-88	-88	36	130	
2018/19-5	000NONPJ	matrix spike, RPD	6/6/2019	Organic	Bis(2-chloroisopropyl)ether	n/a	=	1	%	EPA 625	-88	-88	0	30	
2018/19-5	Lab	method blank	5/6/2019	Organic	Bis(2-chloroisopropyl)ether	n/a	<	0.38	µg/L	EPA 625	0.38	1			
2018/19-5	Lab	LCS dup	5/6/2019	Organic	Bis(2-chloroisopropyl)ether	n/a	=	8.62	µg/L	EPA 625	0.38	1			EUM
2018/19-5	Lab	LCS dup, rec	5/6/2019	Organic	Bis(2-chloroisopropyl)ether	n/a	=	34	%	EPA 625	-88	-88	36	130	EUM
2018/19-5	Lab	LCS, RPD	5/6/2019	Organic	Bis(2-chloroisopropyl)ether	n/a	=	23	%	EPA 625	-88	-88	0	30	EUM
2018/19-5	Lab	LCS	5/7/2019	Organic	Bis(2-chloroisopropyl)ether	n/a	=	10.8	µg/L	EPA 625	0.38	1			
2018/19-5	Lab	LCS, rec	5/7/2019	Organic	Bis(2-chloroisopropyl)ether	n/a	=	43	%	EPA 625	-88	-88	36	130	
2018/19-5	Lab	method blank	5/24/2019	Organic	Bis(2-chloroisopropyl)ether	n/a	<	0.38	µg/L	EPA 625	0.38	1			
2018/19-5	Lab	LCS	5/24/2019	Organic	Bis(2-chloroisopropyl)ether	n/a	=	14.5	µg/L	EPA 625	0.38	1			
2018/19-5	Lab	LCS, rec	5/24/2019	Organic	Bis(2-chloroisopropyl)ether	n/a	=	58	%	EPA 625	-88	-88	36	130	
2018/19-5	Lab	LCS dup	5/24/2019	Organic	Bis(2-chloroisopropyl)ether	n/a	=	16.7	µg/L	EPA 625	0.38	1			
2018/19-5	Lab	LCS dup, rec	5/24/2019	Organic	Bis(2-chloroisopropyl)ether	n/a	=	67	%	EPA 625	-88	-88	36	130	
2018/19-5	Lab	LCS, RPD	5/24/2019	Organic	Bis(2-chloroisopropyl)ether	n/a	=	14	%	EPA 625	-88	-88	0	30	
2018/19-5	Lab	method blank	6/1/2019	Organic	Bis(2-chloroisopropyl)ether	n/a	<	0.38	µg/L	EPA 625	0.38	1			
2018/19-5	Lab	LCS dup	6/1/2019	Organic	Bis(2-chloroisopropyl)ether	n/a	=	15.1	µg/L	EPA 625	0.38	1			
2018/19-5	Lab	LCS dup, rec	6/1/2019	Organic	Bis(2-chloroisopropyl)ether	n/a	=	60	%	EPA 625	-88	-88	36	130	
2018/19-5	Lab	LCS, RPD	6/1/2019	Organic	Bis(2-chloroisopropyl)ether	n/a	=	20	%	EPA 625	-88	-88	0	30	
2018/19-5	Lab	LCS	6/1/2019	Organic	Bis(2-chloroisopropyl)ether	n/a	=	18.4	µg/L	EPA 625	0.38	1			
2018/19-5	Lab	LCS, rec	6/1/2019	Organic	Bis(2-chloroisopropyl)ether	n/a	=	74	%	EPA 625	-88	-88	36	130	
2018/19-5	Lab	method blank	6/3/2019	Organic	Bis(2-chloroisopropyl)ether	n/a	<	0.38	µg/L	EPA 625	0.38	1			
2018/19-5	Lab	LCS	6/3/2019	Organic	Bis(2-chloroisopropyl)ether	n/a	=	15.7	µg/L	EPA 625	0.38	1			
2018/19-5	Lab	LCS, rec	6/3/2019	Organic	Bis(2-chloroisopropyl)ether	n/a	=	63	%	EPA 625	-88	-88	36	130	
2018/19-5	Lab	method blank	6/6/2019	Organic	Bis(2-chloroisopropyl)ether	n/a	<	0.38	µg/L	EPA 625	0.38	1			
2018/19-5	Lab	LCS	6/6/2019	Organic	Bis(2-chloroisopropyl)ether	n/a	=	15.2	µg/L	EPA 625	0.38	1			
2018/19-5	Lab	LCS, rec	6/6/2019	Organic	Bis(2-chloroisopropyl)ether	n/a	=	61	%	EPA 625	-88	-88	36	130	
2018/19-5	000NONPJ	matrix spike	5/6/2019	Organic	Bis(2-ethylhexyl)adipate	n/a	DNQ	4.81	µg/L	EPA 525.2	0.1	5			
2018/19-5	000NONPJ	matrix spike, rec	5/6/2019	Organic	Bis(2-ethylhexyl)adipate	n/a	=	96	%	EPA 525.2	-88	-88	70	130	
2018/19-5	000NONPJ	matrix spike dup	5/6/2019	Organic	Bis(2-ethylhexyl)adipate	n/a	DNQ	4.69	µg/L	EPA 525.2	0.1	5			
2018/19-5	000NONPJ	matrix spike dup, rec	5/6/2019	Organic	Bis(2-ethylhexyl)adipate	n/a	=	94	%	EPA 525.2	-88	-88	70	130	
2018/19-5	000NONPJ	matrix spike, RPD	5/6/2019	Organic	Bis(2-ethylhexyl)adipate	n/a	=	2	%	EPA 525.2	-88	-88	0	30	
2018/19-5	000NONPJ	matrix spike	5/14/2019	Organic	Bis(2-ethylhexyl)adipate	n/a	DNQ	4.21	µg/L	EPA 525.2	0.1	5			

Appendix F
Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2018/19-5	000NONPJ	matrix spike, rec	5/14/2019	Organic	Bis(2-ethylhexyl)adipate	n/a	=	84	%	EPA 525.2	-88	-88	70	130	
2018/19-5	000NONPJ	matrix spike dup	5/14/2019	Organic	Bis(2-ethylhexyl)adipate	n/a	DNQ	4.38	µg/L	EPA 525.2	0.1	5			
2018/19-5	000NONPJ	matrix spike dup, rec	5/14/2019	Organic	Bis(2-ethylhexyl)adipate	n/a	=	88	%	EPA 525.2	-88	-88	70	130	
2018/19-5	000NONPJ	matrix spike, RPD	5/14/2019	Organic	Bis(2-ethylhexyl)adipate	n/a	=	4	%	EPA 525.2	-88	-88	0	30	
2018/19-5	Lab	method blank	5/6/2019	Organic	Bis(2-ethylhexyl)adipate	n/a	<	0.1	µg/L	EPA 525.2	0.1	5			
2018/19-5	Lab	LCS	5/6/2019	Organic	Bis(2-ethylhexyl)adipate	n/a	DNQ	4.11	µg/L	EPA 525.2	0.1	5			
2018/19-5	Lab	LCS, rec	5/6/2019	Organic	Bis(2-ethylhexyl)adipate	n/a	=	82	%	EPA 525.2	-88	-88	70	130	
2018/19-5	Lab	LCS	5/14/2019	Organic	Bis(2-ethylhexyl)adipate	n/a	DNQ	4.65	µg/L	EPA 525.2	0.1	5			
2018/19-5	Lab	LCS, rec	5/14/2019	Organic	Bis(2-ethylhexyl)adipate	n/a	=	93	%	EPA 525.2	-88	-88	70	130	
2018/19-5	Lab	LCS dup	5/14/2019	Organic	Bis(2-ethylhexyl)adipate	n/a	DNQ	4.59	µg/L	EPA 525.2	0.1	5			
2018/19-5	Lab	LCS dup, rec	5/14/2019	Organic	Bis(2-ethylhexyl)adipate	n/a	=	92	%	EPA 525.2	-88	-88	70	130	
2018/19-5	Lab	LCS, RPD	5/14/2019	Organic	Bis(2-ethylhexyl)adipate	n/a	=	1	%	EPA 525.2	-88	-88	0	30	
2018/19-5	Lab	method blank	5/15/2019	Organic	Bis(2-ethylhexyl)adipate	n/a	<	0.1	µg/L	EPA 525.2	0.1	5			
2018/19-5	Lab	method blank	5/16/2019	Organic	Bis(2-ethylhexyl)adipate	n/a	<	0.1	µg/L	EPA 525.2	0.1	5			
2018/19-5	Lab	LCS	5/16/2019	Organic	Bis(2-ethylhexyl)adipate	n/a	DNQ	4.19	µg/L	EPA 525.2	0.1	5			
2018/19-5	Lab	LCS, rec	5/16/2019	Organic	Bis(2-ethylhexyl)adipate	n/a	=	84	%	EPA 525.2	-88	-88	70	130	
2018/19-5	Lab	LCS dup	5/16/2019	Organic	Bis(2-ethylhexyl)adipate	n/a	DNQ	4.19	µg/L	EPA 525.2	0.1	5			
2018/19-5	Lab	LCS dup, rec	5/16/2019	Organic	Bis(2-ethylhexyl)adipate	n/a	=	84	%	EPA 525.2	-88	-88	70	130	
2018/19-5	Lab	LCS, RPD	5/16/2019	Organic	Bis(2-ethylhexyl)adipate	n/a	=	0.07	%	EPA 525.2	-88	-88	0	30	
2018/19-5	000NONPJ	matrix spike	5/6/2019	Organic	Bis(2-ethylhexyl)phthalate	n/a	=	5.38	µg/L	EPA 525.2	1.1	3			
2018/19-5	000NONPJ	matrix spike, rec	5/6/2019	Organic	Bis(2-ethylhexyl)phthalate	n/a	=	108	%	EPA 525.2	-88	-88	70	130	
2018/19-5	000NONPJ	matrix spike dup	5/6/2019	Organic	Bis(2-ethylhexyl)phthalate	n/a	=	5.31	µg/L	EPA 525.2	1.1	3			
2018/19-5	000NONPJ	matrix spike dup, rec	5/6/2019	Organic	Bis(2-ethylhexyl)phthalate	n/a	=	106	%	EPA 525.2	-88	-88	70	130	
2018/19-5	000NONPJ	matrix spike, RPD	5/6/2019	Organic	Bis(2-ethylhexyl)phthalate	n/a	=	1	%	EPA 525.2	-88	-88	0	30	
2018/19-5	000NONPJ	matrix spike	5/7/2019	Organic	Bis(2-ethylhexyl)phthalate	n/a	=	18.9	µg/L	EPA 625	2.3	5			GB
2018/19-5	000NONPJ	matrix spike, rec	5/7/2019	Organic	Bis(2-ethylhexyl)phthalate	n/a	=	-5	%	EPA 625	-88	-88	50	130	GB
2018/19-5	000NONPJ	matrix spike dup	5/7/2019	Organic	Bis(2-ethylhexyl)phthalate	n/a	=	22.2	µg/L	EPA 625	2.3	5			GB
2018/19-5	000NONPJ	matrix spike dup, rec	5/7/2019	Organic	Bis(2-ethylhexyl)phthalate	n/a	=	8	%	EPA 625	-88	-88	50	130	GB
2018/19-5	000NONPJ	matrix spike, RPD	5/7/2019	Organic	Bis(2-ethylhexyl)phthalate	n/a	=	16	%	EPA 625	-88	-88	30		GB
2018/19-5	000NONPJ	matrix spike	5/14/2019	Organic	Bis(2-ethylhexyl)phthalate	n/a	=	4.57	µg/L	EPA 525.2	1.1	3			
2018/19-5	000NONPJ	matrix spike, rec	5/14/2019	Organic	Bis(2-ethylhexyl)phthalate	n/a	=	91	%	EPA 525.2	-88	-88	70	130	
2018/19-5	000NONPJ	matrix spike dup	5/14/2019	Organic	Bis(2-ethylhexyl)phthalate	n/a	=	4.73	µg/L	EPA 525.2	1.1	3			
2018/19-5	000NONPJ	matrix spike dup, rec	5/14/2019	Organic	Bis(2-ethylhexyl)phthalate	n/a	=	95	%	EPA 525.2	-88	-88	70	130	
2018/19-5	000NONPJ	matrix spike, RPD	5/14/2019	Organic	Bis(2-ethylhexyl)phthalate	n/a	=	3	%	EPA 525.2	-88	-88	0	30	
2018/19-5	000NONPJ	matrix spike	6/6/2019	Organic	Bis(2-ethylhexyl)phthalate	n/a	DNQ	23.9	µg/L	EPA 625	23	40			
2018/19-5	000NONPJ	matrix spike, rec	6/6/2019	Organic	Bis(2-ethylhexyl)phthalate	n/a	=	96	%	EPA 625	-88	-88	50	130	
2018/19-5	000NONPJ	matrix spike dup	6/6/2019	Organic	Bis(2-ethylhexyl)phthalate	n/a	DNQ	23.4	µg/L	EPA 625	23	40			
2018/19-5	000NONPJ	matrix spike dup, rec	6/6/2019	Organic	Bis(2-ethylhexyl)phthalate	n/a	=	94	%	EPA 625	-88	-88	50	130	
2018/19-5	000NONPJ	matrix spike, RPD	6/6/2019	Organic	Bis(2-ethylhexyl)phthalate	n/a	=	2	%	EPA 625	-88	-88	0	30	
2018/19-5	Lab	method blank	5/6/2019	Organic	Bis(2-ethylhexyl)phthalate	n/a	<	1.1	µg/L	EPA 525.2	1.1	3			
2018/19-5	Lab	LCS	5/6/2019	Organic	Bis(2-ethylhexyl)phthalate	n/a	=	4.61	µg/L	EPA 525.2	1.1	3			
2018/19-5	Lab	LCS, rec	5/6/2019	Organic	Bis(2-ethylhexyl)phthalate	n/a	=	92	%	EPA 525.2	-88	-88	70	130	
2018/19-5	Lab	method blank	5/6/2019	Organic	Bis(2-ethylhexyl)phthalate	n/a	<	2.3	µg/L	EPA 625	2.3	5			
2018/19-5	Lab	LCS dup	5/6/2019	Organic	Bis(2-ethylhexyl)phthalate	n/a	=	33.3	µg/L	EPA 625	2.3	5			EUM
2018/19-5	Lab	LCS dup, rec	5/6/2019	Organic	Bis(2-ethylhexyl)phthalate	n/a	=	133	%	EPA 625	-88	-88	44	130	EUM
2018/19-5	Lab	LCS, RPD	5/6/2019	Organic	Bis(2-ethylhexyl)phthalate	n/a	=	39	%	EPA 625	-88	-88	0	30	EUM
2018/19-5	Lab	LCS	5/7/2019	Organic	Bis(2-ethylhexyl)phthalate	n/a	=	22.5	µg/L	EPA 625	2.3	5			

Appendix F
Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2018/19-5	Lab	LCS, rec	5/7/2019	Organic	Bis(2-ethylhexyl)phthalate	n/a	=	90	%	EPA 625	-88	-88	44	130	
2018/19-5	Lab	LCS	5/14/2019	Organic	Bis(2-ethylhexyl)phthalate	n/a	=	5.14	µg/L	EPA 525.2	1.1	3			
2018/19-5	Lab	LCS, rec	5/14/2019	Organic	Bis(2-ethylhexyl)phthalate	n/a	=	103	%	EPA 525.2	-88	-88	70	130	
2018/19-5	Lab	LCS dup	5/14/2019	Organic	Bis(2-ethylhexyl)phthalate	n/a	=	5.02	µg/L	EPA 525.2	1.1	3			
2018/19-5	Lab	LCS dup, rec	5/14/2019	Organic	Bis(2-ethylhexyl)phthalate	n/a	=	100	%	EPA 525.2	-88	-88	70	130	
2018/19-5	Lab	LCS, RPD	5/14/2019	Organic	Bis(2-ethylhexyl)phthalate	n/a	=	2	%	EPA 525.2	-88	-88	0	30	
2018/19-5	Lab	method blank	5/15/2019	Organic	Bis(2-ethylhexyl)phthalate	n/a	<	0.6	µg/L	EPA 525.2	0.6	3			
2018/19-5	Lab	method blank	5/16/2019	Organic	Bis(2-ethylhexyl)phthalate	n/a	<	1.1	µg/L	EPA 525.2	1.1	3			
2018/19-5	Lab	LCS	5/16/2019	Organic	Bis(2-ethylhexyl)phthalate	n/a	=	4.87	µg/L	EPA 525.2	1.1	3			
2018/19-5	Lab	LCS, rec	5/16/2019	Organic	Bis(2-ethylhexyl)phthalate	n/a	=	97	%	EPA 525.2	-88	-88	70	130	
2018/19-5	Lab	LCS dup	5/16/2019	Organic	Bis(2-ethylhexyl)phthalate	n/a	=	4.82	µg/L	EPA 525.2	1.1	3			
2018/19-5	Lab	LCS dup, rec	5/16/2019	Organic	Bis(2-ethylhexyl)phthalate	n/a	=	96	%	EPA 525.2	-88	-88	70	130	
2018/19-5	Lab	LCS, RPD	5/16/2019	Organic	Bis(2-ethylhexyl)phthalate	n/a	=	1	%	EPA 525.2	-88	-88	0	30	
2018/19-5	Lab	method blank	5/24/2019	Organic	Bis(2-ethylhexyl)phthalate	n/a	<	2.3	µg/L	EPA 625	2.3	5			
2018/19-5	Lab	LCS	5/24/2019	Organic	Bis(2-ethylhexyl)phthalate	n/a	=	26	µg/L	EPA 625	2.3	5			
2018/19-5	Lab	LCS, rec	5/24/2019	Organic	Bis(2-ethylhexyl)phthalate	n/a	=	104	%	EPA 625	-88	-88	44	130	
2018/19-5	Lab	LCS dup	5/24/2019	Organic	Bis(2-ethylhexyl)phthalate	n/a	=	25.2	µg/L	EPA 625	2.3	5			
2018/19-5	Lab	LCS dup, rec	5/24/2019	Organic	Bis(2-ethylhexyl)phthalate	n/a	=	101	%	EPA 625	-88	-88	44	130	
2018/19-5	Lab	LCS, RPD	5/24/2019	Organic	Bis(2-ethylhexyl)phthalate	n/a	=	3	%	EPA 625	-88	-88	0	30	
2018/19-5	Lab	method blank	6/1/2019	Organic	Bis(2-ethylhexyl)phthalate	n/a	<	2.3	µg/L	EPA 625	2.3	5			
2018/19-5	Lab	LCS dup	6/1/2019	Organic	Bis(2-ethylhexyl)phthalate	n/a	=	37.7	µg/L	EPA 625	2.3	5			EUM
2018/19-5	Lab	LCS dup, rec	6/1/2019	Organic	Bis(2-ethylhexyl)phthalate	n/a	=	151	%	EPA 625	-88	-88	44	130	EUM
2018/19-5	Lab	LCS, RPD	6/1/2019	Organic	Bis(2-ethylhexyl)phthalate	n/a	=	35	%	EPA 625	-88	-88	0	30	EUM
2018/19-5	Lab	LCS	6/1/2019	Organic	Bis(2-ethylhexyl)phthalate	n/a	=	26.5	µg/L	EPA 625	2.3	5			
2018/19-5	Lab	LCS, rec	6/1/2019	Organic	Bis(2-ethylhexyl)phthalate	n/a	=	106	%	EPA 625	-88	-88	44	130	
2018/19-5	Lab	method blank	6/3/2019	Organic	Bis(2-ethylhexyl)phthalate	n/a	<	2.3	µg/L	EPA 625	2.3	4			
2018/19-5	Lab	LCS	6/3/2019	Organic	Bis(2-ethylhexyl)phthalate	n/a	=	26.6	µg/L	EPA 625	2.3	4			
2018/19-5	Lab	LCS, rec	6/3/2019	Organic	Bis(2-ethylhexyl)phthalate	n/a	=	106	%	EPA 625	-88	-88	44	130	
2018/19-5	Lab	method blank	6/6/2019	Organic	Bis(2-ethylhexyl)phthalate	n/a	<	2.3	µg/L	EPA 625	2.3	4			
2018/19-5	Lab	LCS	6/6/2019	Organic	Bis(2-ethylhexyl)phthalate	n/a	=	27.3	µg/L	EPA 625	2.3	4			
2018/19-5	Lab	LCS, rec	6/6/2019	Organic	Bis(2-ethylhexyl)phthalate	n/a	=	109	%	EPA 625	-88	-88	44	130	
2018/19-5	000NONPJ	matrix spike	5/7/2019	Organic	Butyl benzyl phthalate	n/a	=	16.1	µg/L	EPA 625	0.18	1			
2018/19-5	000NONPJ	matrix spike, rec	5/7/2019	Organic	Butyl benzyl phthalate	n/a	=	64	%	EPA 625	-88	-88	56	130	
2018/19-5	000NONPJ	matrix spike dup	5/7/2019	Organic	Butyl benzyl phthalate	n/a	=	18.6	µg/L	EPA 625	0.18	1			
2018/19-5	000NONPJ	matrix spike dup, rec	5/7/2019	Organic	Butyl benzyl phthalate	n/a	=	74	%	EPA 625	-88	-88	56	130	
2018/19-5	000NONPJ	matrix spike, RPD	5/7/2019	Organic	Butyl benzyl phthalate	n/a	=	15	%	EPA 625	-88	-88	0	30	
2018/19-5	000NONPJ	matrix spike	6/6/2019	Organic	Butyl benzyl phthalate	n/a	=	24	µg/L	EPA 625	1.8	10			
2018/19-5	000NONPJ	matrix spike, rec	6/6/2019	Organic	Butyl benzyl phthalate	n/a	=	96	%	EPA 625	-88	-88	56	130	
2018/19-5	000NONPJ	matrix spike dup	6/6/2019	Organic	Butyl benzyl phthalate	n/a	=	23.2	µg/L	EPA 625	1.8	10			
2018/19-5	000NONPJ	matrix spike dup, rec	6/6/2019	Organic	Butyl benzyl phthalate	n/a	=	93	%	EPA 625	-88	-88	56	130	
2018/19-5	000NONPJ	matrix spike, RPD	6/6/2019	Organic	Butyl benzyl phthalate	n/a	=	3	%	EPA 625	-88	-88	0	30	
2018/19-5	Lab	method blank	5/6/2019	Organic	Butyl benzyl phthalate	n/a	DNQ	0.388	µg/L	EPA 625	0.18	1			IP
2018/19-5	Lab	LCS dup	5/6/2019	Organic	Butyl benzyl phthalate	n/a	=	21.3	µg/L	EPA 625	0.18	1			
2018/19-5	Lab	LCS dup, rec	5/6/2019	Organic	Butyl benzyl phthalate	n/a	=	85	%	EPA 625	-88	-88	56	130	
2018/19-5	Lab	LCS, RPD	5/6/2019	Organic	Butyl benzyl phthalate	n/a	=	1	%	EPA 625	-88	-88	0	30	
2018/19-5	Lab	LCS	5/7/2019	Organic	Butyl benzyl phthalate	n/a	=	21.6	µg/L	EPA 625	0.18	1			
2018/19-5	Lab	LCS, rec	5/7/2019	Organic	Butyl benzyl phthalate	n/a	=	86	%	EPA 625	-88	-88	56	130	

Appendix F
Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2018/19-5	Lab	method blank	5/24/2019	Organic	Butyl benzyl phthalate	n/a	<	0.18	µg/L	EPA 625	0.18	1			
2018/19-5	Lab	LCS	5/24/2019	Organic	Butyl benzyl phthalate	n/a	=	24.7	µg/L	EPA 625	0.18	1			
2018/19-5	Lab	LCS, rec	5/24/2019	Organic	Butyl benzyl phthalate	n/a	=	99	%	EPA 625	-88	-88	56	130	
2018/19-5	Lab	LCS dup	5/24/2019	Organic	Butyl benzyl phthalate	n/a	=	24.4	µg/L	EPA 625	0.18	1			
2018/19-5	Lab	LCS dup, rec	5/24/2019	Organic	Butyl benzyl phthalate	n/a	=	97	%	EPA 625	-88	-88	56	130	
2018/19-5	Lab	LCS, RPD	5/24/2019	Organic	Butyl benzyl phthalate	n/a	=	1	%	EPA 625	-88	-88	0	30	
2018/19-5	Lab	method blank	6/1/2019	Organic	Butyl benzyl phthalate	n/a	<	0.18	µg/L	EPA 625	0.18	1			
2018/19-5	Lab	LCS dup	6/1/2019	Organic	Butyl benzyl phthalate	n/a	=	25.4	µg/L	EPA 625	0.18	1			
2018/19-5	Lab	LCS dup, rec	6/1/2019	Organic	Butyl benzyl phthalate	n/a	=	101	%	EPA 625	-88	-88	56	130	
2018/19-5	Lab	LCS, RPD	6/1/2019	Organic	Butyl benzyl phthalate	n/a	=	3	%	EPA 625	-88	-88	0	30	
2018/19-5	Lab	LCS	6/1/2019	Organic	Butyl benzyl phthalate	n/a	=	26.1	µg/L	EPA 625	0.18	1			
2018/19-5	Lab	LCS, rec	6/1/2019	Organic	Butyl benzyl phthalate	n/a	=	104	%	EPA 625	-88	-88	56	130	
2018/19-5	Lab	method blank	6/3/2019	Organic	Butyl benzyl phthalate	n/a	<	0.18	µg/L	EPA 625	0.18	1			
2018/19-5	Lab	LCS	6/3/2019	Organic	Butyl benzyl phthalate	n/a	=	26.5	µg/L	EPA 625	0.18	1			
2018/19-5	Lab	LCS, rec	6/3/2019	Organic	Butyl benzyl phthalate	n/a	=	106	%	EPA 625	-88	-88	56	130	
2018/19-5	Lab	method blank	6/6/2019	Organic	Butyl benzyl phthalate	n/a	<	0.18	µg/L	EPA 625	0.18	1			
2018/19-5	Lab	LCS	6/6/2019	Organic	Butyl benzyl phthalate	n/a	=	26.7	µg/L	EPA 625	0.18	1			
2018/19-5	Lab	LCS, rec	6/6/2019	Organic	Butyl benzyl phthalate	n/a	=	107	%	EPA 625	-88	-88	56	130	
2018/19-5	000NONPJ	matrix spike	5/7/2019	Organic	Chrysene	n/a	=	18.3	µg/L	EPA 625	0.19	1			
2018/19-5	000NONPJ	matrix spike, rec	5/7/2019	Organic	Chrysene	n/a	=	73	%	EPA 625	-88	-88	54	130	
2018/19-5	000NONPJ	matrix spike dup	5/7/2019	Organic	Chrysene	n/a	=	21.2	µg/L	EPA 625	0.19	1			
2018/19-5	000NONPJ	matrix spike dup, rec	5/7/2019	Organic	Chrysene	n/a	=	85	%	EPA 625	-88	-88	54	130	
2018/19-5	000NONPJ	matrix spike, RPD	5/7/2019	Organic	Chrysene	n/a	=	15	%	EPA 625	-88	-88	0	30	
2018/19-5	000NONPJ	matrix spike	6/6/2019	Organic	Chrysene	n/a	=	23.5	µg/L	EPA 625	1.9	10			
2018/19-5	000NONPJ	matrix spike, rec	6/6/2019	Organic	Chrysene	n/a	=	94	%	EPA 625	-88	-88	54	130	
2018/19-5	000NONPJ	matrix spike dup	6/6/2019	Organic	Chrysene	n/a	=	22.9	µg/L	EPA 625	1.9	10			
2018/19-5	000NONPJ	matrix spike dup, rec	6/6/2019	Organic	Chrysene	n/a	=	92	%	EPA 625	-88	-88	54	130	
2018/19-5	000NONPJ	matrix spike, RPD	6/6/2019	Organic	Chrysene	n/a	=	3	%	EPA 625	-88	-88	0	30	
2018/19-5	Lab	method blank	5/6/2019	Organic	Chrysene	n/a	<	0.19	µg/L	EPA 625	0.19	1			
2018/19-5	Lab	LCS dup	5/6/2019	Organic	Chrysene	n/a	=	24.4	µg/L	EPA 625	0.19	1			
2018/19-5	Lab	LCS dup, rec	5/6/2019	Organic	Chrysene	n/a	=	98	%	EPA 625	-88	-88	61	130	
2018/19-5	Lab	LCS, RPD	5/6/2019	Organic	Chrysene	n/a	=	3	%	EPA 625	-88	-88	0	30	
2018/19-5	Lab	LCS	5/7/2019	Organic	Chrysene	n/a	=	25.1	µg/L	EPA 625	0.19	1			
2018/19-5	Lab	LCS, rec	5/7/2019	Organic	Chrysene	n/a	=	100	%	EPA 625	-88	-88	61	130	
2018/19-5	Lab	method blank	5/24/2019	Organic	Chrysene	n/a	<	0.19	µg/L	EPA 625	0.19	1			
2018/19-5	Lab	LCS	5/24/2019	Organic	Chrysene	n/a	=	28.2	µg/L	EPA 625	0.19	1			
2018/19-5	Lab	LCS, rec	5/24/2019	Organic	Chrysene	n/a	=	113	%	EPA 625	-88	-88	61	130	
2018/19-5	Lab	LCS dup	5/24/2019	Organic	Chrysene	n/a	=	27.4	µg/L	EPA 625	0.19	1			
2018/19-5	Lab	LCS dup, rec	5/24/2019	Organic	Chrysene	n/a	=	110	%	EPA 625	-88	-88	61	130	
2018/19-5	Lab	LCS, RPD	5/24/2019	Organic	Chrysene	n/a	=	3	%	EPA 625	-88	-88	0	30	
2018/19-5	Lab	method blank	6/1/2019	Organic	Chrysene	n/a	<	0.19	µg/L	EPA 625	0.19	1			
2018/19-5	Lab	LCS dup	6/1/2019	Organic	Chrysene	n/a	=	26.5	µg/L	EPA 625	0.19	1			
2018/19-5	Lab	LCS dup, rec	6/1/2019	Organic	Chrysene	n/a	=	106	%	EPA 625	-88	-88	61	130	
2018/19-5	Lab	LCS, RPD	6/1/2019	Organic	Chrysene	n/a	=	2	%	EPA 625	-88	-88	0	30	
2018/19-5	Lab	LCS	6/1/2019	Organic	Chrysene	n/a	=	27	µg/L	EPA 625	0.19	1			
2018/19-5	Lab	LCS, rec	6/1/2019	Organic	Chrysene	n/a	=	108	%	EPA 625	-88	-88	61	130	
2018/19-5	Lab	method blank	6/3/2019	Organic	Chrysene	n/a	<	0.19	µg/L	EPA 625	0.19	1			

Appendix F
Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2018/19-5	Lab	LCS	6/3/2019	Organic	Chrysene	n/a	=	27.3	µg/L	EPA 625	0.19	1			
2018/19-5	Lab	LCS, rec	6/3/2019	Organic	Chrysene	n/a	=	109	%	EPA 625	-88	-88	61	130	
2018/19-5	Lab	method blank	6/6/2019	Organic	Chrysene	n/a	<	0.19	µg/L	EPA 625	0.19	1			
2018/19-5	Lab	LCS	6/6/2019	Organic	Chrysene	n/a	=	27.3	µg/L	EPA 625	0.19	1			
2018/19-5	Lab	LCS, rec	6/6/2019	Organic	Chrysene	n/a	=	109	%	EPA 625	-88	-88	61	130	
2018/19-5	Lab	method blank	6/7/2019	Organic	Chrysene	n/a	<	0.1	µg/L	EPA 8270C	0.1	0.1			
2018/19-5	Lab	LCS	6/7/2019	Organic	Chrysene	n/a	=	10.1	µg/L	EPA 8270C	0.1	0.1			
2018/19-5	Lab	LCS, rec	6/7/2019	Organic	Chrysene	n/a	=	101	%	EPA 8270C	-88	-88	32	126	
2018/19-5	Lab	LCS dup	6/8/2019	Organic	Chrysene	n/a	=	10.1	µg/L	EPA 8270C	0.1	0.1			
2018/19-5	Lab	LCS dup, rec	6/8/2019	Organic	Chrysene	n/a	=	101	%	EPA 8270C	-88	-88	32	126	
2018/19-5	Lab	LCS, RPD	6/8/2019	Organic	Chrysene	n/a	=	0.3	%	EPA 8270C	-88	-88	0	30	
2018/19-5	Lab	method blank	6/8/2019	Organic	Chrysene	n/a	<	0.1	µg/L	EPA 8270C	0.1	0.1			
2018/19-5	Lab	LCS	6/8/2019	Organic	Chrysene	n/a	=	9.63	µg/L	EPA 8270C	0.1	0.1			
2018/19-5	Lab	LCS, rec	6/8/2019	Organic	Chrysene	n/a	=	96	%	EPA 8270C	-88	-88	32	126	
2018/19-5	Lab	LCS dup	6/8/2019	Organic	Chrysene	n/a	=	9.72	µg/L	EPA 8270C	0.1	0.1			
2018/19-5	Lab	LCS dup, rec	6/8/2019	Organic	Chrysene	n/a	=	97	%	EPA 8270C	-88	-88	32	126	
2018/19-5	Lab	LCS, RPD	6/8/2019	Organic	Chrysene	n/a	=	0.9	%	EPA 8270C	-88	-88	0	30	
2018/19-5	000NONPJ	matrix spike	5/7/2019	Organic	Dibenz(a,h)anthracene	n/a	=	24.5	µg/L	EPA 625	0.08	2			
2018/19-5	000NONPJ	matrix spike, rec	5/7/2019	Organic	Dibenz(a,h)anthracene	n/a	=	98	%	EPA 625	-88	-88	33	130	
2018/19-5	000NONPJ	matrix spike dup	5/7/2019	Organic	Dibenz(a,h)anthracene	n/a	=	28	µg/L	EPA 625	0.08	2			
2018/19-5	000NONPJ	matrix spike dup, rec	5/7/2019	Organic	Dibenz(a,h)anthracene	n/a	=	112	%	EPA 625	-88	-88	33	130	
2018/19-5	000NONPJ	matrix spike, RPD	5/7/2019	Organic	Dibenz(a,h)anthracene	n/a	=	13	%	EPA 625	-88	-88	0	30	
2018/19-5	000NONPJ	matrix spike	6/6/2019	Organic	Dibenz(a,h)anthracene	n/a	DNQ	8.06	µg/L	EPA 625	0.8	20			GB
2018/19-5	000NONPJ	matrix spike, rec	6/6/2019	Organic	Dibenz(a,h)anthracene	n/a	=	32	%	EPA 625	-88	-88	33	130	GB
2018/19-5	000NONPJ	matrix spike dup	6/6/2019	Organic	Dibenz(a,h)anthracene	n/a	DNQ	10.8	µg/L	EPA 625	0.8	20			
2018/19-5	000NONPJ	matrix spike dup, rec	6/6/2019	Organic	Dibenz(a,h)anthracene	n/a	=	43	%	EPA 625	-88	-88	33	130	
2018/19-5	000NONPJ	matrix spike, RPD	6/6/2019	Organic	Dibenz(a,h)anthracene	n/a	=	29	%	EPA 625	-88	-88	0	30	
2018/19-5	Lab	method blank	5/6/2019	Organic	Dibenz(a,h)anthracene	n/a	<	0.08	µg/L	EPA 625	0.08	2			
2018/19-5	Lab	LCS dup	5/6/2019	Organic	Dibenz(a,h)anthracene	n/a	=	27.7	µg/L	EPA 625	0.08	2			
2018/19-5	Lab	LCS dup, rec	5/6/2019	Organic	Dibenz(a,h)anthracene	n/a	=	111	%	EPA 625	-88	-88	29	130	
2018/19-5	Lab	LCS, RPD	5/6/2019	Organic	Dibenz(a,h)anthracene	n/a	=	6	%	EPA 625	-88	-88	0	30	
2018/19-5	Lab	LCS	5/7/2019	Organic	Dibenz(a,h)anthracene	n/a	=	29.3	µg/L	EPA 625	0.08	2			
2018/19-5	Lab	LCS, rec	5/7/2019	Organic	Dibenz(a,h)anthracene	n/a	=	117	%	EPA 625	-88	-88	29	130	
2018/19-5	Lab	method blank	5/24/2019	Organic	Dibenz(a,h)anthracene	n/a	<	0.08	µg/L	EPA 625	0.08	2			
2018/19-5	Lab	LCS	5/24/2019	Organic	Dibenz(a,h)anthracene	n/a	=	28.2	µg/L	EPA 625	0.08	2			
2018/19-5	Lab	LCS, rec	5/24/2019	Organic	Dibenz(a,h)anthracene	n/a	=	113	%	EPA 625	-88	-88	29	130	
2018/19-5	Lab	LCS dup	5/24/2019	Organic	Dibenz(a,h)anthracene	n/a	=	27.7	µg/L	EPA 625	0.08	2			
2018/19-5	Lab	LCS dup, rec	5/24/2019	Organic	Dibenz(a,h)anthracene	n/a	=	111	%	EPA 625	-88	-88	29	130	
2018/19-5	Lab	LCS, RPD	5/24/2019	Organic	Dibenz(a,h)anthracene	n/a	=	2	%	EPA 625	-88	-88	0	30	
2018/19-5	Lab	method blank	6/1/2019	Organic	Dibenz(a,h)anthracene	n/a	<	0.08	µg/L	EPA 625	0.08	2			
2018/19-5	Lab	LCS dup	6/1/2019	Organic	Dibenz(a,h)anthracene	n/a	=	24.8	µg/L	EPA 625	0.08	2			
2018/19-5	Lab	LCS dup, rec	6/1/2019	Organic	Dibenz(a,h)anthracene	n/a	=	99	%	EPA 625	-88	-88	29	130	
2018/19-5	Lab	LCS, RPD	6/1/2019	Organic	Dibenz(a,h)anthracene	n/a	=	4	%	EPA 625	-88	-88	0	30	
2018/19-5	Lab	LCS	6/1/2019	Organic	Dibenz(a,h)anthracene	n/a	=	25.9	µg/L	EPA 625	0.08	2			
2018/19-5	Lab	LCS, rec	6/1/2019	Organic	Dibenz(a,h)anthracene	n/a	=	104	%	EPA 625	-88	-88	29	130	
2018/19-5	Lab	method blank	6/3/2019	Organic	Dibenz(a,h)anthracene	n/a	<	0.08	µg/L	EPA 625	0.08	2			
2018/19-5	Lab	LCS	6/3/2019	Organic	Dibenz(a,h)anthracene	n/a	=	25.1	µg/L	EPA 625	0.08	2			

Appendix F
Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2018/19-5	Lab	LCS, rec	6/3/2019	Organic	Dibenz(a,h)anthracene	n/a	=	100	%	EPA 625	-88	-88	29	130	
2018/19-5	Lab	method blank	6/6/2019	Organic	Dibenz(a,h)anthracene	n/a	<	0.08	µg/L	EPA 625	0.08	2			
2018/19-5	Lab	LCS	6/6/2019	Organic	Dibenz(a,h)anthracene	n/a	=	23.5	µg/L	EPA 625	0.08	2			
2018/19-5	Lab	LCS, rec	6/6/2019	Organic	Dibenz(a,h)anthracene	n/a	=	94	%	EPA 625	-88	-88	29	130	
2018/19-5	Lab	method blank	6/6/2019	Organic	Dibenz(a,h)anthracene	n/a	<	0.08	µg/L	EPA 625	0.08	2			
2018/19-5	Lab	LCS	6/6/2019	Organic	Dibenz(a,h)anthracene	n/a	=	22.4	µg/L	EPA 625	0.08	2			
2018/19-5	Lab	LCS, rec	6/6/2019	Organic	Dibenz(a,h)anthracene	n/a	=	90	%	EPA 625	-88	-88	29	130	
2018/19-5	Lab	LCS dup	6/6/2019	Organic	Dibenz(a,h)anthracene	n/a	=	23.7	µg/L	EPA 625	0.08	2			
2018/19-5	Lab	LCS dup, rec	6/6/2019	Organic	Dibenz(a,h)anthracene	n/a	=	95	%	EPA 625	-88	-88	29	130	
2018/19-5	Lab	LCS, RPD	6/6/2019	Organic	Dibenz(a,h)anthracene	n/a	=	6	%	EPA 625	-88	-88	0	30	
2018/19-5	Lab	method blank	6/7/2019	Organic	Dibenz(a,h)anthracene	n/a	<	0.1	µg/L	EPA 8270C	0.1	0.1			
2018/19-5	Lab	LCS	6/7/2019	Organic	Dibenz(a,h)anthracene	n/a	=	10.3	µg/L	EPA 8270C	0.1	0.1			
2018/19-5	Lab	LCS, rec	6/7/2019	Organic	Dibenz(a,h)anthracene	n/a	=	103	%	EPA 8270C	-88	-88	9	147	
2018/19-5	Lab	LCS dup	6/8/2019	Organic	Dibenz(a,h)anthracene	n/a	=	10.4	µg/L	EPA 8270C	0.1	0.1			
2018/19-5	Lab	LCS dup, rec	6/8/2019	Organic	Dibenz(a,h)anthracene	n/a	=	104	%	EPA 8270C	-88	-88	9	147	
2018/19-5	Lab	LCS, RPD	6/8/2019	Organic	Dibenz(a,h)anthracene	n/a	=	2	%	EPA 8270C	-88	-88	0	30	
2018/19-5	Lab	method blank	6/8/2019	Organic	Dibenz(a,h)anthracene	n/a	<	0.1	µg/L	EPA 8270C	0.1	0.1			
2018/19-5	Lab	LCS	6/8/2019	Organic	Dibenz(a,h)anthracene	n/a	=	10.3	µg/L	EPA 8270C	0.1	0.1			
2018/19-5	Lab	LCS, rec	6/8/2019	Organic	Dibenz(a,h)anthracene	n/a	=	103	%	EPA 8270C	-88	-88	9	147	
2018/19-5	Lab	LCS dup	6/8/2019	Organic	Dibenz(a,h)anthracene	n/a	=	10.2	µg/L	EPA 8270C	0.1	0.1			
2018/19-5	Lab	LCS dup, rec	6/8/2019	Organic	Dibenz(a,h)anthracene	n/a	=	102	%	EPA 8270C	-88	-88	9	147	
2018/19-5	Lab	LCS, RPD	6/8/2019	Organic	Dibenz(a,h)anthracene	n/a	=	0.5	%	EPA 8270C	-88	-88	0	30	
2018/19-5	000NONPJ	matrix spike	5/7/2019	Organic	Diethyl phthalate	n/a	=	15.4	µg/L	EPA 625	0.15	1			
2018/19-5	000NONPJ	matrix spike, rec	5/7/2019	Organic	Diethyl phthalate	n/a	=	62	%	EPA 625	-88	-88	57	130	
2018/19-5	000NONPJ	matrix spike dup	5/7/2019	Organic	Diethyl phthalate	n/a	=	17.8	µg/L	EPA 625	0.15	1			
2018/19-5	000NONPJ	matrix spike dup, rec	5/7/2019	Organic	Diethyl phthalate	n/a	=	71	%	EPA 625	-88	-88	57	130	
2018/19-5	000NONPJ	matrix spike, RPD	5/7/2019	Organic	Diethyl phthalate	n/a	=	14	%	EPA 625	-88	-88	0	30	
2018/19-5	000NONPJ	matrix spike	6/6/2019	Organic	Diethyl phthalate	n/a	=	19.5	µg/L	EPA 625	1.5	10			
2018/19-5	000NONPJ	matrix spike, rec	6/6/2019	Organic	Diethyl phthalate	n/a	=	78	%	EPA 625	-88	-88	57	130	
2018/19-5	000NONPJ	matrix spike dup	6/6/2019	Organic	Diethyl phthalate	n/a	=	20.2	µg/L	EPA 625	1.5	10			
2018/19-5	000NONPJ	matrix spike dup, rec	6/6/2019	Organic	Diethyl phthalate	n/a	=	81	%	EPA 625	-88	-88	57	130	
2018/19-5	000NONPJ	matrix spike, RPD	6/6/2019	Organic	Diethyl phthalate	n/a	=	3	%	EPA 625	-88	-88	0	30	
2018/19-5	Lab	method blank	5/6/2019	Organic	Diethyl phthalate	n/a	<	0.15	µg/L	EPA 625	0.15	1			
2018/19-5	Lab	LCS dup	5/6/2019	Organic	Diethyl phthalate	n/a	=	19.8	µg/L	EPA 625	0.15	1			
2018/19-5	Lab	LCS dup, rec	5/6/2019	Organic	Diethyl phthalate	n/a	=	79	%	EPA 625	-88	-88	58	130	
2018/19-5	Lab	LCS, RPD	5/6/2019	Organic	Diethyl phthalate	n/a	=	14	%	EPA 625	-88	-88	0	30	
2018/19-5	Lab	LCS	5/7/2019	Organic	Diethyl phthalate	n/a	=	22.8	µg/L	EPA 625	0.15	1			
2018/19-5	Lab	LCS, rec	5/7/2019	Organic	Diethyl phthalate	n/a	=	91	%	EPA 625	-88	-88	58	130	
2018/19-5	Lab	method blank	5/24/2019	Organic	Diethyl phthalate	n/a	<	0.15	µg/L	EPA 625	0.15	1			
2018/19-5	Lab	LCS	5/24/2019	Organic	Diethyl phthalate	n/a	=	21.3	µg/L	EPA 625	0.15	1			
2018/19-5	Lab	LCS, rec	5/24/2019	Organic	Diethyl phthalate	n/a	=	85	%	EPA 625	-88	-88	58	130	
2018/19-5	Lab	LCS dup	5/24/2019	Organic	Diethyl phthalate	n/a	=	21.8	µg/L	EPA 625	0.15	1			
2018/19-5	Lab	LCS dup, rec	5/24/2019	Organic	Diethyl phthalate	n/a	=	87	%	EPA 625	-88	-88	58	130	
2018/19-5	Lab	LCS, RPD	5/24/2019	Organic	Diethyl phthalate	n/a	=	3	%	EPA 625	-88	-88	0	30	
2018/19-5	Lab	method blank	6/1/2019	Organic	Diethyl phthalate	n/a	<	0.15	µg/L	EPA 625	0.15	1			
2018/19-5	Lab	LCS dup	6/1/2019	Organic	Diethyl phthalate	n/a	=	21	µg/L	EPA 625	0.15	1			
2018/19-5	Lab	LCS dup, rec	6/1/2019	Organic	Diethyl phthalate	n/a	=	84	%	EPA 625	-88	-88	58	130	

Appendix F
Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2018/19-5	Lab	LCS, RPD	6/1/2019	Organic	Diethyl phthalate	n/a	=	10	%	EPA 625	-88	-88	0	30	
2018/19-5	Lab	LCS	6/1/2019	Organic	Diethyl phthalate	n/a	=	23.2	µg/L	EPA 625	0.15	1			
2018/19-5	Lab	LCS, rec	6/1/2019	Organic	Diethyl phthalate	n/a	=	93	%	EPA 625	-88	-88	58	130	
2018/19-5	Lab	method blank	6/3/2019	Organic	Diethyl phthalate	n/a	<	0.15	µg/L	EPA 625	0.15	1			
2018/19-5	Lab	LCS	6/3/2019	Organic	Diethyl phthalate	n/a	=	20	µg/L	EPA 625	0.15	1			
2018/19-5	Lab	LCS, rec	6/3/2019	Organic	Diethyl phthalate	n/a	=	80	%	EPA 625	-88	-88	58	130	
2018/19-5	Lab	method blank	6/6/2019	Organic	Diethyl phthalate	n/a	<	0.15	µg/L	EPA 625	0.15	1			
2018/19-5	Lab	LCS	6/6/2019	Organic	Diethyl phthalate	n/a	=	20	µg/L	EPA 625	0.15	1			
2018/19-5	Lab	LCS, rec	6/6/2019	Organic	Diethyl phthalate	n/a	=	80	%	EPA 625	-88	-88	58	130	
2018/19-5	000NONPJ	matrix spike	5/7/2019	Organic	Dimethyl phthalate	n/a	=	11.5	µg/L	EPA 625	0.18	1			GB
2018/19-5	000NONPJ	matrix spike, rec	5/7/2019	Organic	Dimethyl phthalate	n/a	=	46	%	EPA 625	-88	-88	52	120	GB
2018/19-5	000NONPJ	matrix spike dup	5/7/2019	Organic	Dimethyl phthalate	n/a	=	13.2	µg/L	EPA 625	0.18	1			
2018/19-5	000NONPJ	matrix spike dup, rec	5/7/2019	Organic	Dimethyl phthalate	n/a	=	53	%	EPA 625	-88	-88	52	120	
2018/19-5	000NONPJ	matrix spike, RPD	5/7/2019	Organic	Dimethyl phthalate	n/a	=	14	%	EPA 625	-88	-88	0	30	
2018/19-5	000NONPJ	matrix spike	6/6/2019	Organic	Dimethyl phthalate	n/a	=	16.6	µg/L	EPA 625	1.8	10			
2018/19-5	000NONPJ	matrix spike, rec	6/6/2019	Organic	Dimethyl phthalate	n/a	=	67	%	EPA 625	-88	-88	52	120	
2018/19-5	000NONPJ	matrix spike dup	6/6/2019	Organic	Dimethyl phthalate	n/a	=	16.9	µg/L	EPA 625	1.8	10			
2018/19-5	000NONPJ	matrix spike dup, rec	6/6/2019	Organic	Dimethyl phthalate	n/a	=	68	%	EPA 625	-88	-88	52	120	
2018/19-5	000NONPJ	matrix spike, RPD	6/6/2019	Organic	Dimethyl phthalate	n/a	=	2	%	EPA 625	-88	-88	0	30	
2018/19-5	Lab	method blank	5/6/2019	Organic	Dimethyl phthalate	n/a	<	0.18	µg/L	EPA 625	0.18	1			
2018/19-5	Lab	LCS dup	5/6/2019	Organic	Dimethyl phthalate	n/a	=	14.1	µg/L	EPA 625	0.18	1			
2018/19-5	Lab	LCS dup, rec	5/6/2019	Organic	Dimethyl phthalate	n/a	=	57	%	EPA 625	-88	-88	50	130	
2018/19-5	Lab	LCS, RPD	5/6/2019	Organic	Dimethyl phthalate	n/a	=	23	%	EPA 625	-88	-88	0	30	
2018/19-5	Lab	LCS	5/7/2019	Organic	Dimethyl phthalate	n/a	=	17.8	µg/L	EPA 625	0.18	1			
2018/19-5	Lab	LCS, rec	5/7/2019	Organic	Dimethyl phthalate	n/a	=	71	%	EPA 625	-88	-88	50	130	
2018/19-5	Lab	method blank	5/24/2019	Organic	Dimethyl phthalate	n/a	<	0.18	µg/L	EPA 625	0.18	1			
2018/19-5	Lab	LCS	5/24/2019	Organic	Dimethyl phthalate	n/a	=	19.4	µg/L	EPA 625	0.18	1			
2018/19-5	Lab	LCS, rec	5/24/2019	Organic	Dimethyl phthalate	n/a	=	77	%	EPA 625	-88	-88	50	130	
2018/19-5	Lab	LCS dup	5/24/2019	Organic	Dimethyl phthalate	n/a	=	20.9	µg/L	EPA 625	0.18	1			
2018/19-5	Lab	LCS dup, rec	5/24/2019	Organic	Dimethyl phthalate	n/a	=	84	%	EPA 625	-88	-88	50	130	
2018/19-5	Lab	LCS, RPD	5/24/2019	Organic	Dimethyl phthalate	n/a	=	8	%	EPA 625	-88	-88	0	30	
2018/19-5	Lab	method blank	6/1/2019	Organic	Dimethyl phthalate	n/a	<	0.18	µg/L	EPA 625	0.18	1			
2018/19-5	Lab	LCS dup	6/1/2019	Organic	Dimethyl phthalate	n/a	=	19	µg/L	EPA 625	0.18	1			
2018/19-5	Lab	LCS dup, rec	6/1/2019	Organic	Dimethyl phthalate	n/a	=	76	%	EPA 625	-88	-88	50	130	
2018/19-5	Lab	LCS, RPD	6/1/2019	Organic	Dimethyl phthalate	n/a	=	21	%	EPA 625	-88	-88	0	30	
2018/19-5	Lab	LCS	6/1/2019	Organic	Dimethyl phthalate	n/a	=	23.4	µg/L	EPA 625	0.18	1			
2018/19-5	Lab	LCS, rec	6/1/2019	Organic	Dimethyl phthalate	n/a	=	94	%	EPA 625	-88	-88	50	130	
2018/19-5	Lab	method blank	6/3/2019	Organic	Dimethyl phthalate	n/a	<	0.18	µg/L	EPA 625	0.18	1			
2018/19-5	Lab	LCS	6/3/2019	Organic	Dimethyl phthalate	n/a	=	18.2	µg/L	EPA 625	0.18	1			
2018/19-5	Lab	LCS, rec	6/3/2019	Organic	Dimethyl phthalate	n/a	=	73	%	EPA 625	-88	-88	50	130	
2018/19-5	Lab	method blank	6/6/2019	Organic	Dimethyl phthalate	n/a	<	0.18	µg/L	EPA 625	0.18	1			
2018/19-5	Lab	LCS	6/6/2019	Organic	Dimethyl phthalate	n/a	=	18.3	µg/L	EPA 625	0.18	1			
2018/19-5	Lab	LCS, rec	6/6/2019	Organic	Dimethyl phthalate	n/a	=	73	%	EPA 625	-88	-88	50	130	
2018/19-5	000NONPJ	matrix spike	5/7/2019	Organic	Di-n-butylphthalate	n/a	=	15.5	µg/L	EPA 625	0.24	1			
2018/19-5	000NONPJ	matrix spike, rec	5/7/2019	Organic	Di-n-butylphthalate	n/a	=	62	%	EPA 625	-88	-88	46	130	
2018/19-5	000NONPJ	matrix spike dup	5/7/2019	Organic	Di-n-butylphthalate	n/a	=	18.7	µg/L	EPA 625	0.24	1			
2018/19-5	000NONPJ	matrix spike dup, rec	5/7/2019	Organic	Di-n-butylphthalate	n/a	=	75	%	EPA 625	-88	-88	46	130	

Appendix F
Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2018/19-5	000NONPJ	matrix spike, RPD	5/7/2019	Organic	Di-n-butylphthalate	n/a	=	19	%	EPA 625	-88	-88	0	30	
2018/19-5	000NONPJ	matrix spike	6/6/2019	Organic	Di-n-butylphthalate	n/a	=	21.9	µg/L	EPA 625	2.4	10			
2018/19-5	000NONPJ	matrix spike, rec	6/6/2019	Organic	Di-n-butylphthalate	n/a	=	88	%	EPA 625	-88	-88	46	130	
2018/19-5	000NONPJ	matrix spike dup	6/6/2019	Organic	Di-n-butylphthalate	n/a	=	21.6	µg/L	EPA 625	2.4	10			
2018/19-5	000NONPJ	matrix spike dup, rec	6/6/2019	Organic	Di-n-butylphthalate	n/a	=	86	%	EPA 625	-88	-88	46	130	
2018/19-5	000NONPJ	matrix spike, RPD	6/6/2019	Organic	Di-n-butylphthalate	n/a	=	1	%	EPA 625	-88	-88	0	30	
2018/19-5	Lab	method blank	5/6/2019	Organic	Di-n-butylphthalate	n/a	<	0.24	µg/L	EPA 625	0.24	1			
2018/19-5	Lab	LCS dup	5/6/2019	Organic	Di-n-butylphthalate	n/a	=	22.4	µg/L	EPA 625	0.24	1			
2018/19-5	Lab	LCS dup, rec	5/6/2019	Organic	Di-n-butylphthalate	n/a	=	90	%	EPA 625	-88	-88	68	130	
2018/19-5	Lab	LCS, RPD	5/6/2019	Organic	Di-n-butylphthalate	n/a	=	6	%	EPA 625	-88	-88	0	30	
2018/19-5	Lab	LCS	5/7/2019	Organic	Di-n-butylphthalate	n/a	=	23.7	µg/L	EPA 625	0.24	1			
2018/19-5	Lab	LCS, rec	5/7/2019	Organic	Di-n-butylphthalate	n/a	=	95	%	EPA 625	-88	-88	68	130	
2018/19-5	Lab	method blank	5/24/2019	Organic	Di-n-butylphthalate	n/a	<	0.24	µg/L	EPA 625	0.24	1			
2018/19-5	Lab	LCS	5/24/2019	Organic	Di-n-butylphthalate	n/a	=	25.5	µg/L	EPA 625	0.24	1			
2018/19-5	Lab	LCS, rec	5/24/2019	Organic	Di-n-butylphthalate	n/a	=	102	%	EPA 625	-88	-88	68	130	
2018/19-5	Lab	LCS dup	5/24/2019	Organic	Di-n-butylphthalate	n/a	=	24.9	µg/L	EPA 625	0.24	1			
2018/19-5	Lab	LCS dup, rec	5/24/2019	Organic	Di-n-butylphthalate	n/a	=	100	%	EPA 625	-88	-88	68	130	
2018/19-5	Lab	LCS, RPD	5/24/2019	Organic	Di-n-butylphthalate	n/a	=	2	%	EPA 625	-88	-88	0	30	
2018/19-5	Lab	method blank	6/1/2019	Organic	Di-n-butylphthalate	n/a	<	0.24	µg/L	EPA 625	0.24	1			
2018/19-5	Lab	LCS dup	6/1/2019	Organic	Di-n-butylphthalate	n/a	=	24.3	µg/L	EPA 625	0.24	1			
2018/19-5	Lab	LCS dup, rec	6/1/2019	Organic	Di-n-butylphthalate	n/a	=	97	%	EPA 625	-88	-88	68	130	
2018/19-5	Lab	LCS, RPD	6/1/2019	Organic	Di-n-butylphthalate	n/a	=	2	%	EPA 625	-88	-88	0	30	
2018/19-5	Lab	LCS	6/1/2019	Organic	Di-n-butylphthalate	n/a	=	24.9	µg/L	EPA 625	0.24	1			
2018/19-5	Lab	LCS, rec	6/1/2019	Organic	Di-n-butylphthalate	n/a	=	99	%	EPA 625	-88	-88	68	130	
2018/19-5	Lab	method blank	6/3/2019	Organic	Di-n-butylphthalate	n/a	<	0.24	µg/L	EPA 625	0.24	1			
2018/19-5	Lab	LCS	6/3/2019	Organic	Di-n-butylphthalate	n/a	=	25.4	µg/L	EPA 625	0.24	1			
2018/19-5	Lab	LCS, rec	6/3/2019	Organic	Di-n-butylphthalate	n/a	=	102	%	EPA 625	-88	-88	68	130	
2018/19-5	Lab	method blank	6/6/2019	Organic	Di-n-butylphthalate	n/a	<	0.24	µg/L	EPA 625	0.24	1			
2018/19-5	Lab	LCS	6/6/2019	Organic	Di-n-butylphthalate	n/a	=	25.3	µg/L	EPA 625	0.24	1			
2018/19-5	Lab	LCS, rec	6/6/2019	Organic	Di-n-butylphthalate	n/a	=	101	%	EPA 625	-88	-88	68	130	
2018/19-5	000NONPJ	matrix spike	5/7/2019	Organic	Di-n-octylphthalate	n/a	=	20.6	µg/L	EPA 625	0.19	1			
2018/19-5	000NONPJ	matrix spike, rec	5/7/2019	Organic	Di-n-octylphthalate	n/a	=	82	%	EPA 625	-88	-88	60	130	
2018/19-5	000NONPJ	matrix spike dup	5/7/2019	Organic	Di-n-octylphthalate	n/a	=	23.1	µg/L	EPA 625	0.19	1			
2018/19-5	000NONPJ	matrix spike dup, rec	5/7/2019	Organic	Di-n-octylphthalate	n/a	=	92	%	EPA 625	-88	-88	60	130	
2018/19-5	000NONPJ	matrix spike, RPD	5/7/2019	Organic	Di-n-octylphthalate	n/a	=	11	%	EPA 625	-88	-88	0	30	
2018/19-5	000NONPJ	matrix spike	6/6/2019	Organic	Di-n-octylphthalate	n/a	=	23.8	µg/L	EPA 625	1.9	10			
2018/19-5	000NONPJ	matrix spike, rec	6/6/2019	Organic	Di-n-octylphthalate	n/a	=	95	%	EPA 625	-88	-88	60	130	
2018/19-5	000NONPJ	matrix spike dup	6/6/2019	Organic	Di-n-octylphthalate	n/a	=	23.5	µg/L	EPA 625	1.9	10			
2018/19-5	000NONPJ	matrix spike dup, rec	6/6/2019	Organic	Di-n-octylphthalate	n/a	=	94	%	EPA 625	-88	-88	60	130	
2018/19-5	000NONPJ	matrix spike, RPD	6/6/2019	Organic	Di-n-octylphthalate	n/a	=	1	%	EPA 625	-88	-88	0	30	
2018/19-5	Lab	method blank	5/6/2019	Organic	Di-n-octylphthalate	n/a	<	0.19	µg/L	EPA 625	0.19	1			
2018/19-5	Lab	LCS dup	5/6/2019	Organic	Di-n-octylphthalate	n/a	=	25.1	µg/L	EPA 625	0.19	1			
2018/19-5	Lab	LCS dup, rec	5/6/2019	Organic	Di-n-octylphthalate	n/a	=	100	%	EPA 625	-88	-88	41	130	
2018/19-5	Lab	LCS, RPD	5/6/2019	Organic	Di-n-octylphthalate	n/a	=	3	%	EPA 625	-88	-88	0	30	
2018/19-5	Lab	LCS	5/7/2019	Organic	Di-n-octylphthalate	n/a	=	25.7	µg/L	EPA 625	0.19	1			
2018/19-5	Lab	LCS, rec	5/7/2019	Organic	Di-n-octylphthalate	n/a	=	103	%	EPA 625	-88	-88	41	130	
2018/19-5	Lab	method blank	5/24/2019	Organic	Di-n-octylphthalate	n/a	<	0.19	µg/L	EPA 625	0.19	1			

Appendix F
Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2018/19-5	Lab	LCS	5/24/2019	Organic	Di-n-octylphthalate	n/a	=	27.8	µg/L	EPA 625	0.19	1			
2018/19-5	Lab	LCS, rec	5/24/2019	Organic	Di-n-octylphthalate	n/a	=	111	%	EPA 625	-88	-88	41	130	
2018/19-5	Lab	LCS dup	5/24/2019	Organic	Di-n-octylphthalate	n/a	=	27.4	µg/L	EPA 625	0.19	1			
2018/19-5	Lab	LCS dup, rec	5/24/2019	Organic	Di-n-octylphthalate	n/a	=	110	%	EPA 625	-88	-88	41	130	
2018/19-5	Lab	LCS, RPD	5/24/2019	Organic	Di-n-octylphthalate	n/a	=	1	%	EPA 625	-88	-88	0	30	
2018/19-5	Lab	method blank	6/1/2019	Organic	Di-n-octylphthalate	n/a	<	0.19	µg/L	EPA 625	0.19	1			
2018/19-5	Lab	LCS dup	6/1/2019	Organic	Di-n-octylphthalate	n/a	=	27	µg/L	EPA 625	0.19	1			
2018/19-5	Lab	LCS dup, rec	6/1/2019	Organic	Di-n-octylphthalate	n/a	=	108	%	EPA 625	-88	-88	41	130	
2018/19-5	Lab	LCS, RPD	6/1/2019	Organic	Di-n-octylphthalate	n/a	=	3	%	EPA 625	-88	-88	0	30	
2018/19-5	Lab	LCS	6/1/2019	Organic	Di-n-octylphthalate	n/a	=	27.8	µg/L	EPA 625	0.19	1			
2018/19-5	Lab	LCS, rec	6/1/2019	Organic	Di-n-octylphthalate	n/a	=	111	%	EPA 625	-88	-88	41	130	
2018/19-5	Lab	method blank	6/3/2019	Organic	Di-n-octylphthalate	n/a	<	0.19	µg/L	EPA 625	0.19	1			
2018/19-5	Lab	LCS	6/3/2019	Organic	Di-n-octylphthalate	n/a	=	27.2	µg/L	EPA 625	0.19	1			
2018/19-5	Lab	LCS, rec	6/3/2019	Organic	Di-n-octylphthalate	n/a	=	109	%	EPA 625	-88	-88	41	130	
2018/19-5	Lab	method blank	6/6/2019	Organic	Di-n-octylphthalate	n/a	<	0.19	µg/L	EPA 625	0.19	1			
2018/19-5	Lab	LCS	6/6/2019	Organic	Di-n-octylphthalate	n/a	=	27.5	µg/L	EPA 625	0.19	1			
2018/19-5	Lab	LCS, rec	6/6/2019	Organic	Di-n-octylphthalate	n/a	=	110	%	EPA 625	-88	-88	41	130	
2018/19-5	000NONPJ	matrix spike	5/7/2019	Organic	Fluoranthene	n/a	=	16.2	µg/L	EPA 625	0.22	1			
2018/19-5	000NONPJ	matrix spike, rec	5/7/2019	Organic	Fluoranthene	n/a	=	65	%	EPA 625	-88	-88	44	130	
2018/19-5	000NONPJ	matrix spike dup	5/7/2019	Organic	Fluoranthene	n/a	=	18.8	µg/L	EPA 625	0.22	1			
2018/19-5	000NONPJ	matrix spike dup, rec	5/7/2019	Organic	Fluoranthene	n/a	=	75	%	EPA 625	-88	-88	44	130	
2018/19-5	000NONPJ	matrix spike, RPD	5/7/2019	Organic	Fluoranthene	n/a	=	15	%	EPA 625	-88	-88	0	30	
2018/19-5	000NONPJ	matrix spike	6/6/2019	Organic	Fluoranthene	n/a	=	21.2	µg/L	EPA 625	2.2	10			
2018/19-5	000NONPJ	matrix spike, rec	6/6/2019	Organic	Fluoranthene	n/a	=	85	%	EPA 625	-88	-88	44	130	
2018/19-5	000NONPJ	matrix spike dup	6/6/2019	Organic	Fluoranthene	n/a	=	21.4	µg/L	EPA 625	2.2	10			
2018/19-5	000NONPJ	matrix spike dup, rec	6/6/2019	Organic	Fluoranthene	n/a	=	85	%	EPA 625	-88	-88	44	130	
2018/19-5	000NONPJ	matrix spike, RPD	6/6/2019	Organic	Fluoranthene	n/a	=	0.7	%	EPA 625	-88	-88	0	30	
2018/19-5	Lab	method blank	5/6/2019	Organic	Fluoranthene	n/a	<	0.22	µg/L	EPA 625	0.22	1			
2018/19-5	Lab	LCS dup	5/6/2019	Organic	Fluoranthene	n/a	=	23	µg/L	EPA 625	0.22	1			
2018/19-5	Lab	LCS dup, rec	5/6/2019	Organic	Fluoranthene	n/a	=	92	%	EPA 625	-88	-88	61	130	
2018/19-5	Lab	LCS, RPD	5/6/2019	Organic	Fluoranthene	n/a	=	2	%	EPA 625	-88	-88	0	30	
2018/19-5	Lab	LCS	5/7/2019	Organic	Fluoranthene	n/a	=	23.5	µg/L	EPA 625	0.22	1			
2018/19-5	Lab	LCS, rec	5/7/2019	Organic	Fluoranthene	n/a	=	94	%	EPA 625	-88	-88	61	130	
2018/19-5	Lab	method blank	5/24/2019	Organic	Fluoranthene	n/a	<	0.22	µg/L	EPA 625	0.22	1			
2018/19-5	Lab	LCS	5/24/2019	Organic	Fluoranthene	n/a	=	32.4	µg/L	EPA 625	0.22	1			
2018/19-5	Lab	LCS, rec	5/24/2019	Organic	Fluoranthene	n/a	=	130	%	EPA 625	-88	-88	61	130	
2018/19-5	Lab	LCS dup	5/24/2019	Organic	Fluoranthene	n/a	=	31.4	µg/L	EPA 625	0.22	1			
2018/19-5	Lab	LCS dup, rec	5/24/2019	Organic	Fluoranthene	n/a	=	125	%	EPA 625	-88	-88	61	130	
2018/19-5	Lab	LCS, RPD	5/24/2019	Organic	Fluoranthene	n/a	=	3	%	EPA 625	-88	-88	0	30	
2018/19-5	Lab	method blank	6/1/2019	Organic	Fluoranthene	n/a	<	0.22	µg/L	EPA 625	0.22	1			
2018/19-5	Lab	LCS dup	6/1/2019	Organic	Fluoranthene	n/a	=	24.2	µg/L	EPA 625	0.22	1			
2018/19-5	Lab	LCS dup, rec	6/1/2019	Organic	Fluoranthene	n/a	=	97	%	EPA 625	-88	-88	61	130	
2018/19-5	Lab	LCS, RPD	6/1/2019	Organic	Fluoranthene	n/a	=	2	%	EPA 625	-88	-88	0	30	
2018/19-5	Lab	LCS	6/1/2019	Organic	Fluoranthene	n/a	=	24.7	µg/L	EPA 625	0.22	1			
2018/19-5	Lab	LCS, rec	6/1/2019	Organic	Fluoranthene	n/a	=	99	%	EPA 625	-88	-88	61	130	
2018/19-5	Lab	method blank	6/3/2019	Organic	Fluoranthene	n/a	<	0.22	µg/L	EPA 625	0.22	1			
2018/19-5	Lab	LCS	6/3/2019	Organic	Fluoranthene	n/a	=	24.7	µg/L	EPA 625	0.22	1			

Appendix F
Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2018/19-5	Lab	LCS, rec	6/3/2019	Organic	Fluoranthene	n/a	=	99	%	EPA 625	-88	-88	61	130	
2018/19-5	Lab	method blank	6/6/2019	Organic	Fluoranthene	n/a	<	0.22	µg/L	EPA 625	0.22	1			
2018/19-5	Lab	LCS	6/6/2019	Organic	Fluoranthene	n/a	=	24.8	µg/L	EPA 625	0.22	1			
2018/19-5	Lab	LCS, rec	6/6/2019	Organic	Fluoranthene	n/a	=	99	%	EPA 625	-88	-88	61	130	
2018/19-5	Lab	method blank	6/7/2019	Organic	Fluoranthene	n/a	<	0.1	µg/L	EPA 8270C	0.1	0.1			
2018/19-5	Lab	LCS	6/7/2019	Organic	Fluoranthene	n/a	=	9.59	µg/L	EPA 8270C	0.1	0.1			
2018/19-5	Lab	LCS, rec	6/7/2019	Organic	Fluoranthene	n/a	=	96	%	EPA 8270C	-88	-88	22	131	
2018/19-5	Lab	LCS dup	6/8/2019	Organic	Fluoranthene	n/a	=	9.39	µg/L	EPA 8270C	0.1	0.1			
2018/19-5	Lab	LCS dup, rec	6/8/2019	Organic	Fluoranthene	n/a	=	94	%	EPA 8270C	-88	-88	22	131	
2018/19-5	Lab	LCS, RPD	6/8/2019	Organic	Fluoranthene	n/a	=	2	%	EPA 8270C	-88	-88	0	30	
2018/19-5	Lab	method blank	6/8/2019	Organic	Fluoranthene	n/a	<	0.1	µg/L	EPA 8270C	0.1	0.1			
2018/19-5	Lab	LCS	6/8/2019	Organic	Fluoranthene	n/a	=	8.98	µg/L	EPA 8270C	0.1	0.1			
2018/19-5	Lab	LCS, rec	6/8/2019	Organic	Fluoranthene	n/a	=	90	%	EPA 8270C	-88	-88	22	131	
2018/19-5	Lab	LCS dup	6/8/2019	Organic	Fluoranthene	n/a	=	9.13	µg/L	EPA 8270C	0.1	0.1			
2018/19-5	Lab	LCS dup, rec	6/8/2019	Organic	Fluoranthene	n/a	=	91	%	EPA 8270C	-88	-88	22	131	
2018/19-5	Lab	LCS, RPD	6/8/2019	Organic	Fluoranthene	n/a	=	2	%	EPA 8270C	-88	-88	0	30	
2018/19-5	000NONPJ	matrix spike	5/7/2019	Organic	Fluorene	n/a	=	13.6	µg/L	EPA 625	0.35	1			GB
2018/19-5	000NONPJ	matrix spike, rec	5/7/2019	Organic	Fluorene	n/a	=	55	%	EPA 625	-88	-88	59	130	GB
2018/19-5	000NONPJ	matrix spike dup	5/7/2019	Organic	Fluorene	n/a	=	15.9	µg/L	EPA 625	0.35	1			
2018/19-5	000NONPJ	matrix spike dup, rec	5/7/2019	Organic	Fluorene	n/a	=	64	%	EPA 625	-88	-88	59	130	
2018/19-5	000NONPJ	matrix spike, RPD	5/7/2019	Organic	Fluorene	n/a	=	15	%	EPA 625	-88	-88	0	30	
2018/19-5	000NONPJ	matrix spike	6/6/2019	Organic	Fluorene	n/a	=	18.9	µg/L	EPA 625	3.5	10			
2018/19-5	000NONPJ	matrix spike, rec	6/6/2019	Organic	Fluorene	n/a	=	75	%	EPA 625	-88	-88	59	130	
2018/19-5	000NONPJ	matrix spike dup	6/6/2019	Organic	Fluorene	n/a	=	18.9	µg/L	EPA 625	3.5	10			
2018/19-5	000NONPJ	matrix spike dup, rec	6/6/2019	Organic	Fluorene	n/a	=	76	%	EPA 625	-88	-88	59	130	
2018/19-5	000NONPJ	matrix spike, RPD	6/6/2019	Organic	Fluorene	n/a	=	0.4	%	EPA 625	-88	-88	0	30	
2018/19-5	Lab	method blank	5/6/2019	Organic	Fluorene	n/a	<	0.35	µg/L	EPA 625	0.35	1			
2018/19-5	Lab	LCS dup	5/6/2019	Organic	Fluorene	n/a	=	17.3	µg/L	EPA 625	0.35	1			
2018/19-5	Lab	LCS dup, rec	5/6/2019	Organic	Fluorene	n/a	=	69	%	EPA 625	-88	-88	59	130	
2018/19-5	Lab	LCS, RPD	5/6/2019	Organic	Fluorene	n/a	=	26	%	EPA 625	-88	-88	0	30	
2018/19-5	Lab	LCS	5/7/2019	Organic	Fluorene	n/a	=	22.3	µg/L	EPA 625	0.35	1			
2018/19-5	Lab	LCS, rec	5/7/2019	Organic	Fluorene	n/a	=	89	%	EPA 625	-88	-88	59	130	
2018/19-5	Lab	method blank	5/24/2019	Organic	Fluorene	n/a	<	0.35	µg/L	EPA 625	0.35	1			
2018/19-5	Lab	LCS	5/24/2019	Organic	Fluorene	n/a	=	21.9	µg/L	EPA 625	0.35	1			
2018/19-5	Lab	LCS, rec	5/24/2019	Organic	Fluorene	n/a	=	88	%	EPA 625	-88	-88	59	130	
2018/19-5	Lab	LCS dup	5/24/2019	Organic	Fluorene	n/a	=	23.5	µg/L	EPA 625	0.35	1			
2018/19-5	Lab	LCS dup, rec	5/24/2019	Organic	Fluorene	n/a	=	94	%	EPA 625	-88	-88	59	130	
2018/19-5	Lab	LCS, RPD	5/24/2019	Organic	Fluorene	n/a	=	7	%	EPA 625	-88	-88	0	30	
2018/19-5	Lab	method blank	6/1/2019	Organic	Fluorene	n/a	<	0.35	µg/L	EPA 625	0.35	1			
2018/19-5	Lab	LCS dup	6/1/2019	Organic	Fluorene	n/a	=	18.8	µg/L	EPA 625	0.35	1			
2018/19-5	Lab	LCS dup, rec	6/1/2019	Organic	Fluorene	n/a	=	75	%	EPA 625	-88	-88	59	130	
2018/19-5	Lab	LCS, RPD	6/1/2019	Organic	Fluorene	n/a	=	20	%	EPA 625	-88	-88	0	30	
2018/19-5	Lab	LCS	6/1/2019	Organic	Fluorene	n/a	=	23	µg/L	EPA 625	0.35	1			
2018/19-5	Lab	LCS, rec	6/1/2019	Organic	Fluorene	n/a	=	92	%	EPA 625	-88	-88	59	130	
2018/19-5	Lab	method blank	6/3/2019	Organic	Fluorene	n/a	<	0.35	µg/L	EPA 625	0.35	1			
2018/19-5	Lab	LCS	6/3/2019	Organic	Fluorene	n/a	=	17.9	µg/L	EPA 625	0.35	1			
2018/19-5	Lab	LCS, rec	6/3/2019	Organic	Fluorene	n/a	=	71	%	EPA 625	-88	-88	59	130	

Appendix F
Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2018/19-5	Lab	method blank	6/6/2019	Organic	Fluorene	n/a	<	0.35	µg/L	EPA 625	0.35	1			
2018/19-5	Lab	LCS	6/6/2019	Organic	Fluorene	n/a	=	18.2	µg/L	EPA 625	0.35	1			
2018/19-5	Lab	LCS, rec	6/6/2019	Organic	Fluorene	n/a	=	73	%	EPA 625	-88	-88	59	130	
2018/19-5	Lab	method blank	6/7/2019	Organic	Fluorene	n/a	<	0.1	µg/L	EPA 8270C	0.1	0.1			
2018/19-5	Lab	LCS	6/7/2019	Organic	Fluorene	n/a	=	7.72	µg/L	EPA 8270C	0.1	0.1			
2018/19-5	Lab	LCS, rec	6/7/2019	Organic	Fluorene	n/a	=	77	%	EPA 8270C	-88	-88	19	122	
2018/19-5	Lab	LCS dup	6/8/2019	Organic	Fluorene	n/a	=	6.74	µg/L	EPA 8270C	0.1	0.1			
2018/19-5	Lab	LCS dup, rec	6/8/2019	Organic	Fluorene	n/a	=	67	%	EPA 8270C	-88	-88	19	122	
2018/19-5	Lab	LCS, RPD	6/8/2019	Organic	Fluorene	n/a	=	14	%	EPA 8270C	-88	-88	0	30	
2018/19-5	Lab	method blank	6/8/2019	Organic	Fluorene	n/a	<	0.1	µg/L	EPA 8270C	0.1	0.1			
2018/19-5	Lab	LCS	6/8/2019	Organic	Fluorene	n/a	=	7.58	µg/L	EPA 8270C	0.1	0.1			
2018/19-5	Lab	LCS, rec	6/8/2019	Organic	Fluorene	n/a	=	76	%	EPA 8270C	-88	-88	19	122	
2018/19-5	Lab	LCS dup	6/8/2019	Organic	Fluorene	n/a	=	7.42	µg/L	EPA 8270C	0.1	0.1			
2018/19-5	Lab	LCS dup, rec	6/8/2019	Organic	Fluorene	n/a	=	74	%	EPA 8270C	-88	-88	19	122	
2018/19-5	Lab	LCS, RPD	6/8/2019	Organic	Fluorene	n/a	=	2	%	EPA 8270C	-88	-88	0	30	
2018/19-5	000NONPJ	matrix spike	5/7/2019	Organic	Hexachlorobenzene	n/a	=	17.9	µg/L	EPA 625	0.49	1			
2018/19-5	000NONPJ	matrix spike, rec	5/7/2019	Organic	Hexachlorobenzene	n/a	=	72	%	EPA 625	-88	-88	51	130	
2018/19-5	000NONPJ	matrix spike dup	5/7/2019	Organic	Hexachlorobenzene	n/a	=	20.2	µg/L	EPA 625	0.49	1			
2018/19-5	000NONPJ	matrix spike dup, rec	5/7/2019	Organic	Hexachlorobenzene	n/a	=	81	%	EPA 625	-88	-88	51	130	
2018/19-5	000NONPJ	matrix spike, RPD	5/7/2019	Organic	Hexachlorobenzene	n/a	=	12	%	EPA 625	-88	-88	0	30	
2018/19-5	000NONPJ	matrix spike	6/6/2019	Organic	Hexachlorobenzene	n/a	=	21.3	µg/L	EPA 625	4.9	10			
2018/19-5	000NONPJ	matrix spike, rec	6/6/2019	Organic	Hexachlorobenzene	n/a	=	85	%	EPA 625	-88	-88	51	130	
2018/19-5	000NONPJ	matrix spike dup	6/6/2019	Organic	Hexachlorobenzene	n/a	=	21	µg/L	EPA 625	4.9	10			
2018/19-5	000NONPJ	matrix spike dup, rec	6/6/2019	Organic	Hexachlorobenzene	n/a	=	84	%	EPA 625	-88	-88	51	130	
2018/19-5	000NONPJ	matrix spike, RPD	6/6/2019	Organic	Hexachlorobenzene	n/a	=	1	%	EPA 625	-88	-88	0	30	
2018/19-5	Lab	method blank	5/6/2019	Organic	Hexachlorobenzene	n/a	<	0.49	µg/L	EPA 625	0.49	1			
2018/19-5	Lab	LCS dup	5/6/2019	Organic	Hexachlorobenzene	n/a	=	24.2	µg/L	EPA 625	0.49	1			
2018/19-5	Lab	LCS dup, rec	5/6/2019	Organic	Hexachlorobenzene	n/a	=	97	%	EPA 625	-88	-88	55	130	
2018/19-5	Lab	LCS, RPD	5/6/2019	Organic	Hexachlorobenzene	n/a	=	10	%	EPA 625	-88	-88	0	30	
2018/19-5	Lab	LCS	5/7/2019	Organic	Hexachlorobenzene	n/a	=	26.9	µg/L	EPA 625	0.49	1			
2018/19-5	Lab	LCS, rec	5/7/2019	Organic	Hexachlorobenzene	n/a	=	108	%	EPA 625	-88	-88	55	130	
2018/19-5	Lab	method blank	5/24/2019	Organic	Hexachlorobenzene	n/a	<	0.49	µg/L	EPA 625	0.49	1			
2018/19-5	Lab	LCS	5/24/2019	Organic	Hexachlorobenzene	n/a	=	22.6	µg/L	EPA 625	0.49	1			
2018/19-5	Lab	LCS, rec	5/24/2019	Organic	Hexachlorobenzene	n/a	=	90	%	EPA 625	-88	-88	55	130	
2018/19-5	Lab	LCS dup	5/24/2019	Organic	Hexachlorobenzene	n/a	=	22.6	µg/L	EPA 625	0.49	1			
2018/19-5	Lab	LCS dup, rec	5/24/2019	Organic	Hexachlorobenzene	n/a	=	90	%	EPA 625	-88	-88	55	130	
2018/19-5	Lab	LCS, RPD	5/24/2019	Organic	Hexachlorobenzene	n/a	=	0.02	%	EPA 625	-88	-88	0	30	
2018/19-5	Lab	method blank	6/1/2019	Organic	Hexachlorobenzene	n/a	<	0.49	µg/L	EPA 625	0.49	1			
2018/19-5	Lab	LCS dup	6/1/2019	Organic	Hexachlorobenzene	n/a	=	22	µg/L	EPA 625	0.49	1			
2018/19-5	Lab	LCS dup, rec	6/1/2019	Organic	Hexachlorobenzene	n/a	=	88	%	EPA 625	-88	-88	55	130	
2018/19-5	Lab	LCS, RPD	6/1/2019	Organic	Hexachlorobenzene	n/a	=	7	%	EPA 625	-88	-88	0	30	
2018/19-5	Lab	LCS	6/1/2019	Organic	Hexachlorobenzene	n/a	=	23.6	µg/L	EPA 625	0.49	1			
2018/19-5	Lab	LCS, rec	6/1/2019	Organic	Hexachlorobenzene	n/a	=	95	%	EPA 625	-88	-88	55	130	
2018/19-5	Lab	method blank	6/3/2019	Organic	Hexachlorobenzene	n/a	<	0.49	µg/L	EPA 625	0.49	1			
2018/19-5	Lab	LCS	6/3/2019	Organic	Hexachlorobenzene	n/a	=	20.7	µg/L	EPA 625	0.49	1			
2018/19-5	Lab	LCS, rec	6/3/2019	Organic	Hexachlorobenzene	n/a	=	83	%	EPA 625	-88	-88	55	130	
2018/19-5	Lab	method blank	6/6/2019	Organic	Hexachlorobenzene	n/a	<	0.49	µg/L	EPA 625	0.49	1			

Appendix F
Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2018/19-5	Lab	LCS	6/6/2019	Organic	Hexachlorobenzene	n/a	=	21.4	µg/L	EPA 625	0.49	1			
2018/19-5	Lab	LCS, rec	6/6/2019	Organic	Hexachlorobenzene	n/a	=	85	%	EPA 625	-88	-88	55	130	
2018/19-5	000NONPJ	matrix spike	5/7/2019	Organic	Hexachlorobutadiene	n/a	=	13.4	µg/L	EPA 625	0.47	1			
2018/19-5	000NONPJ	matrix spike, rec	5/7/2019	Organic	Hexachlorobutadiene	n/a	=	53	%	EPA 625	-88	-88	42	120	
2018/19-5	000NONPJ	matrix spike dup	5/7/2019	Organic	Hexachlorobutadiene	n/a	=	15.4	µg/L	EPA 625	0.47	1			
2018/19-5	000NONPJ	matrix spike dup, rec	5/7/2019	Organic	Hexachlorobutadiene	n/a	=	62	%	EPA 625	-88	-88	42	120	
2018/19-5	000NONPJ	matrix spike, RPD	5/7/2019	Organic	Hexachlorobutadiene	n/a	=	14	%	EPA 625	-88	-88	0	30	
2018/19-5	000NONPJ	matrix spike	6/6/2019	Organic	Hexachlorobutadiene	n/a	=	18	µg/L	EPA 625	4.7	10			
2018/19-5	000NONPJ	matrix spike, rec	6/6/2019	Organic	Hexachlorobutadiene	n/a	=	72	%	EPA 625	-88	-88	42	120	
2018/19-5	000NONPJ	matrix spike dup	6/6/2019	Organic	Hexachlorobutadiene	n/a	=	18.1	µg/L	EPA 625	4.7	10			
2018/19-5	000NONPJ	matrix spike dup, rec	6/6/2019	Organic	Hexachlorobutadiene	n/a	=	72	%	EPA 625	-88	-88	42	120	
2018/19-5	000NONPJ	matrix spike, RPD	6/6/2019	Organic	Hexachlorobutadiene	n/a	=	0.4	%	EPA 625	-88	-88	0	30	
2018/19-5	Lab	method blank	5/6/2019	Organic	Hexachlorobutadiene	n/a	<	0.47	µg/L	EPA 625	0.47	1			
2018/19-5	Lab	LCS dup	5/6/2019	Organic	Hexachlorobutadiene	n/a	=	15.6	µg/L	EPA 625	0.47	1			
2018/19-5	Lab	LCS dup, rec	5/6/2019	Organic	Hexachlorobutadiene	n/a	=	62	%	EPA 625	-88	-88	41	130	
2018/19-5	Lab	LCS, RPD	5/6/2019	Organic	Hexachlorobutadiene	n/a	=	23	%	EPA 625	-88	-88	0	30	
2018/19-5	Lab	LCS	5/7/2019	Organic	Hexachlorobutadiene	n/a	=	19.6	µg/L	EPA 625	0.47	1			
2018/19-5	Lab	LCS, rec	5/7/2019	Organic	Hexachlorobutadiene	n/a	=	79	%	EPA 625	-88	-88	41	130	
2018/19-5	Lab	method blank	5/24/2019	Organic	Hexachlorobutadiene	n/a	<	0.47	µg/L	EPA 625	0.47	1			
2018/19-5	Lab	LCS	5/24/2019	Organic	Hexachlorobutadiene	n/a	=	19.1	µg/L	EPA 625	0.47	1			
2018/19-5	Lab	LCS, rec	5/24/2019	Organic	Hexachlorobutadiene	n/a	=	77	%	EPA 625	-88	-88	41	130	
2018/19-5	Lab	LCS dup	5/24/2019	Organic	Hexachlorobutadiene	n/a	=	23.3	µg/L	EPA 625	0.47	1			
2018/19-5	Lab	LCS dup, rec	5/24/2019	Organic	Hexachlorobutadiene	n/a	=	93	%	EPA 625	-88	-88	41	130	
2018/19-5	Lab	LCS, RPD	5/24/2019	Organic	Hexachlorobutadiene	n/a	=	20	%	EPA 625	-88	-88	0	30	
2018/19-5	Lab	method blank	6/1/2019	Organic	Hexachlorobutadiene	n/a	<	0.47	µg/L	EPA 625	0.47	1			
2018/19-5	Lab	LCS dup	6/1/2019	Organic	Hexachlorobutadiene	n/a	=	16.9	µg/L	EPA 625	0.47	1			
2018/19-5	Lab	LCS dup, rec	6/1/2019	Organic	Hexachlorobutadiene	n/a	=	68	%	EPA 625	-88	-88	41	130	
2018/19-5	Lab	LCS, RPD	6/1/2019	Organic	Hexachlorobutadiene	n/a	=	22	%	EPA 625	-88	-88	0	30	
2018/19-5	Lab	LCS	6/1/2019	Organic	Hexachlorobutadiene	n/a	=	21.1	µg/L	EPA 625	0.47	1			
2018/19-5	Lab	LCS, rec	6/1/2019	Organic	Hexachlorobutadiene	n/a	=	84	%	EPA 625	-88	-88	41	130	
2018/19-5	Lab	method blank	6/3/2019	Organic	Hexachlorobutadiene	n/a	<	0.47	µg/L	EPA 625	0.47	1			
2018/19-5	Lab	LCS	6/3/2019	Organic	Hexachlorobutadiene	n/a	=	18.6	µg/L	EPA 625	0.47	1			
2018/19-5	Lab	LCS, rec	6/3/2019	Organic	Hexachlorobutadiene	n/a	=	74	%	EPA 625	-88	-88	41	130	
2018/19-5	Lab	method blank	6/6/2019	Organic	Hexachlorobutadiene	n/a	<	0.47	µg/L	EPA 625	0.47	1			
2018/19-5	Lab	LCS	6/6/2019	Organic	Hexachlorobutadiene	n/a	=	18.4	µg/L	EPA 625	0.47	1			
2018/19-5	Lab	LCS, rec	6/6/2019	Organic	Hexachlorobutadiene	n/a	=	74	%	EPA 625	-88	-88	41	130	
2018/19-5	000NONPJ	matrix spike	5/7/2019	Organic	Hexachlorocyclopentadiene	n/a	=	8	µg/L	EPA 625	1.5	5			
2018/19-5	000NONPJ	matrix spike, rec	5/7/2019	Organic	Hexachlorocyclopentadiene	n/a	=	32	%	EPA 625	-88	-88	15	120	
2018/19-5	000NONPJ	matrix spike dup	5/7/2019	Organic	Hexachlorocyclopentadiene	n/a	=	8.61	µg/L	EPA 625	1.5	5			
2018/19-5	000NONPJ	matrix spike dup, rec	5/7/2019	Organic	Hexachlorocyclopentadiene	n/a	=	34	%	EPA 625	-88	-88	15	120	
2018/19-5	000NONPJ	matrix spike, RPD	5/7/2019	Organic	Hexachlorocyclopentadiene	n/a	=	7	%	EPA 625	-88	-88	0	30	
2018/19-5	000NONPJ	matrix spike	6/6/2019	Organic	Hexachlorocyclopentadiene	n/a	<	15	µg/L	EPA 625	15	50			GB
2018/19-5	000NONPJ	matrix spike, rec	6/6/2019	Organic	Hexachlorocyclopentadiene	n/a	=	0	%	EPA 625	-88	-88	15	120	GB
2018/19-5	000NONPJ	matrix spike dup	6/6/2019	Organic	Hexachlorocyclopentadiene	n/a	<	15	µg/L	EPA 625	15	50			GB
2018/19-5	000NONPJ	matrix spike dup, rec	6/6/2019	Organic	Hexachlorocyclopentadiene	n/a	=	0	%	EPA 625	-88	-88	15	120	GB
2018/19-5	000NONPJ	matrix spike, RPD	6/6/2019	Organic	Hexachlorocyclopentadiene	n/a	=	0	%	EPA 625	-88	-88	0	30	GB
2018/19-5	Lab	method blank	5/6/2019	Organic	Hexachlorocyclopentadiene	n/a	<	1.5	µg/L	EPA 625	1.5	5			

Appendix F
Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2018/19-5	Lab	LCS dup	5/6/2019	Organic	Hexachlorocyclopentadiene	n/a	=	7.22	µg/L	EPA 625	1.5	5			
2018/19-5	Lab	LCS dup, rec	5/6/2019	Organic	Hexachlorocyclopentadiene	n/a	=	29	%	EPA 625	-88	-88	6	120	
2018/19-5	Lab	LCS, RPD	5/6/2019	Organic	Hexachlorocyclopentadiene	n/a	=	21	%	EPA 625	-88	-88	0	30	
2018/19-5	Lab	LCS	5/7/2019	Organic	Hexachlorocyclopentadiene	n/a	=	8.93	µg/L	EPA 625	1.5	5			
2018/19-5	Lab	LCS, rec	5/7/2019	Organic	Hexachlorocyclopentadiene	n/a	=	36	%	EPA 625	-88	-88	6	120	
2018/19-5	Lab	method blank	5/24/2019	Organic	Hexachlorocyclopentadiene	n/a	<	1.5	µg/L	EPA 625	1.5	5			
2018/19-5	Lab	LCS	5/24/2019	Organic	Hexachlorocyclopentadiene	n/a	=	8.55	µg/L	EPA 625	1.5	5			
2018/19-5	Lab	LCS, rec	5/24/2019	Organic	Hexachlorocyclopentadiene	n/a	=	34	%	EPA 625	-88	-88	6	120	
2018/19-5	Lab	LCS dup	5/24/2019	Organic	Hexachlorocyclopentadiene	n/a	=	10.7	µg/L	EPA 625	1.5	5			
2018/19-5	Lab	LCS dup, rec	5/24/2019	Organic	Hexachlorocyclopentadiene	n/a	=	43	%	EPA 625	-88	-88	6	120	
2018/19-5	Lab	LCS, RPD	5/24/2019	Organic	Hexachlorocyclopentadiene	n/a	=	23	%	EPA 625	-88	-88	0	30	
2018/19-5	Lab	method blank	6/1/2019	Organic	Hexachlorocyclopentadiene	n/a	<	1.5	µg/L	EPA 625	1.5	5			
2018/19-5	Lab	LCS dup	6/1/2019	Organic	Hexachlorocyclopentadiene	n/a	=	6.66	µg/L	EPA 625	1.5	5			
2018/19-5	Lab	LCS dup, rec	6/1/2019	Organic	Hexachlorocyclopentadiene	n/a	=	27	%	EPA 625	-88	-88	6	120	
2018/19-5	Lab	LCS, RPD	6/1/2019	Organic	Hexachlorocyclopentadiene	n/a	=	22	%	EPA 625	-88	-88	0	30	
2018/19-5	Lab	LCS	6/1/2019	Organic	Hexachlorocyclopentadiene	n/a	=	8.3	µg/L	EPA 625	1.5	5			
2018/19-5	Lab	LCS, rec	6/1/2019	Organic	Hexachlorocyclopentadiene	n/a	=	33	%	EPA 625	-88	-88	6	120	
2018/19-5	Lab	method blank	6/3/2019	Organic	Hexachlorocyclopentadiene	n/a	<	1.5	µg/L	EPA 625	1.5	5			
2018/19-5	Lab	LCS	6/3/2019	Organic	Hexachlorocyclopentadiene	n/a	=	5.91	µg/L	EPA 625	1.5	5			
2018/19-5	Lab	LCS, rec	6/3/2019	Organic	Hexachlorocyclopentadiene	n/a	=	24	%	EPA 625	-88	-88	6	120	
2018/19-5	Lab	method blank	6/6/2019	Organic	Hexachlorocyclopentadiene	n/a	<	1.5	µg/L	EPA 625	1.5	5			
2018/19-5	Lab	LCS	6/6/2019	Organic	Hexachlorocyclopentadiene	n/a	=	5.62	µg/L	EPA 625	1.5	5			
2018/19-5	Lab	LCS, rec	6/6/2019	Organic	Hexachlorocyclopentadiene	n/a	=	22	%	EPA 625	-88	-88	6	120	
2018/19-5	000NONPJ	matrix spike	5/7/2019	Organic	Hexachloroethane	n/a	=	14	µg/L	EPA 625	0.52	1			
2018/19-5	000NONPJ	matrix spike, rec	5/7/2019	Organic	Hexachloroethane	n/a	=	56	%	EPA 625	-88	-88	45	120	
2018/19-5	000NONPJ	matrix spike dup	5/7/2019	Organic	Hexachloroethane	n/a	=	16	µg/L	EPA 625	0.52	1			
2018/19-5	000NONPJ	matrix spike dup, rec	5/7/2019	Organic	Hexachloroethane	n/a	=	64	%	EPA 625	-88	-88	45	120	
2018/19-5	000NONPJ	matrix spike, RPD	5/7/2019	Organic	Hexachloroethane	n/a	=	14	%	EPA 625	-88	-88	0	30	
2018/19-5	000NONPJ	matrix spike	6/6/2019	Organic	Hexachloroethane	n/a	=	15.5	µg/L	EPA 625	5.2	10			
2018/19-5	000NONPJ	matrix spike, rec	6/6/2019	Organic	Hexachloroethane	n/a	=	62	%	EPA 625	-88	-88	45	120	
2018/19-5	000NONPJ	matrix spike dup	6/6/2019	Organic	Hexachloroethane	n/a	=	16.1	µg/L	EPA 625	5.2	10			
2018/19-5	000NONPJ	matrix spike dup, rec	6/6/2019	Organic	Hexachloroethane	n/a	=	64	%	EPA 625	-88	-88	45	120	
2018/19-5	000NONPJ	matrix spike, RPD	6/6/2019	Organic	Hexachloroethane	n/a	=	4	%	EPA 625	-88	-88	0	30	
2018/19-5	Lab	method blank	5/6/2019	Organic	Hexachloroethane	n/a	<	0.52	µg/L	EPA 625	0.52	1			
2018/19-5	Lab	LCS dup	5/6/2019	Organic	Hexachloroethane	n/a	=	16.2	µg/L	EPA 625	0.52	1			
2018/19-5	Lab	LCS dup, rec	5/6/2019	Organic	Hexachloroethane	n/a	=	65	%	EPA 625	-88	-88	42	120	
2018/19-5	Lab	LCS, RPD	5/6/2019	Organic	Hexachloroethane	n/a	=	18	%	EPA 625	-88	-88	0	30	
2018/19-5	Lab	LCS	5/7/2019	Organic	Hexachloroethane	n/a	=	19.3	µg/L	EPA 625	0.52	1			
2018/19-5	Lab	LCS, rec	5/7/2019	Organic	Hexachloroethane	n/a	=	77	%	EPA 625	-88	-88	42	120	
2018/19-5	Lab	method blank	5/24/2019	Organic	Hexachloroethane	n/a	<	0.52	µg/L	EPA 625	0.52	1			
2018/19-5	Lab	LCS	5/24/2019	Organic	Hexachloroethane	n/a	=	16.7	µg/L	EPA 625	0.52	1			
2018/19-5	Lab	LCS, rec	5/24/2019	Organic	Hexachloroethane	n/a	=	67	%	EPA 625	-88	-88	42	120	
2018/19-5	Lab	LCS dup	5/24/2019	Organic	Hexachloroethane	n/a	=	20.2	µg/L	EPA 625	0.52	1			
2018/19-5	Lab	LCS dup, rec	5/24/2019	Organic	Hexachloroethane	n/a	=	81	%	EPA 625	-88	-88	42	120	
2018/19-5	Lab	LCS, RPD	5/24/2019	Organic	Hexachloroethane	n/a	=	19	%	EPA 625	-88	-88	0	30	
2018/19-5	Lab	method blank	6/1/2019	Organic	Hexachloroethane	n/a	<	0.52	µg/L	EPA 625	0.52	1			
2018/19-5	Lab	LCS dup	6/1/2019	Organic	Hexachloroethane	n/a	=	14.8	µg/L	EPA 625	0.52	1			

Appendix F
Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2018/19-5	Lab	LCS dup, rec	6/1/2019	Organic	Hexachloroethane	n/a	=	59	%	EPA 625	-88	-88	42	120	
2018/19-5	Lab	LCS, RPD	6/1/2019	Organic	Hexachloroethane	n/a	=	18	%	EPA 625	-88	-88	0	30	
2018/19-5	Lab	LCS	6/1/2019	Organic	Hexachloroethane	n/a	=	17.7	µg/L	EPA 625	0.52	1			
2018/19-5	Lab	LCS, rec	6/1/2019	Organic	Hexachloroethane	n/a	=	71	%	EPA 625	-88	-88	42	120	
2018/19-5	Lab	method blank	6/3/2019	Organic	Hexachloroethane	n/a	<	0.52	µg/L	EPA 625	0.52	1			
2018/19-5	Lab	LCS	6/3/2019	Organic	Hexachloroethane	n/a	=	16.2	µg/L	EPA 625	0.52	1			
2018/19-5	Lab	LCS, rec	6/3/2019	Organic	Hexachloroethane	n/a	=	65	%	EPA 625	-88	-88	42	120	
2018/19-5	Lab	method blank	6/6/2019	Organic	Hexachloroethane	n/a	<	0.52	µg/L	EPA 625	0.52	1			
2018/19-5	Lab	LCS	6/6/2019	Organic	Hexachloroethane	n/a	=	15.8	µg/L	EPA 625	0.52	1			
2018/19-5	Lab	LCS, rec	6/6/2019	Organic	Hexachloroethane	n/a	=	63	%	EPA 625	-88	-88	42	120	
2018/19-5	000NONPJ	matrix spike	5/7/2019	Organic	Indeno(1,2,3-cd)pyrene	n/a	=	24.2	µg/L	EPA 625	0.12	2			
2018/19-5	000NONPJ	matrix spike, rec	5/7/2019	Organic	Indeno(1,2,3-cd)pyrene	n/a	=	97	%	EPA 625	-88	-88	37	130	
2018/19-5	000NONPJ	matrix spike dup	5/7/2019	Organic	Indeno(1,2,3-cd)pyrene	n/a	=	26.1	µg/L	EPA 625	0.12	2			
2018/19-5	000NONPJ	matrix spike dup, rec	5/7/2019	Organic	Indeno(1,2,3-cd)pyrene	n/a	=	104	%	EPA 625	-88	-88	37	130	
2018/19-5	000NONPJ	matrix spike, RPD	5/7/2019	Organic	Indeno(1,2,3-cd)pyrene	n/a	=	7	%	EPA 625	-88	-88	0	30	
2018/19-5	000NONPJ	matrix spike	6/6/2019	Organic	Indeno(1,2,3-cd)pyrene	n/a	DNQ	8.08	µg/L	EPA 625	1.2	20			GB
2018/19-5	000NONPJ	matrix spike, rec	6/6/2019	Organic	Indeno(1,2,3-cd)pyrene	n/a	=	32	%	EPA 625	-88	-88	37	130	GB
2018/19-5	000NONPJ	matrix spike dup	6/6/2019	Organic	Indeno(1,2,3-cd)pyrene	n/a	DNQ	10	µg/L	EPA 625	1.2	20			
2018/19-5	000NONPJ	matrix spike dup, rec	6/6/2019	Organic	Indeno(1,2,3-cd)pyrene	n/a	=	40	%	EPA 625	-88	-88	37	130	
2018/19-5	000NONPJ	matrix spike, RPD	6/6/2019	Organic	Indeno(1,2,3-cd)pyrene	n/a	=	22	%	EPA 625	-88	-88	0	30	
2018/19-5	Lab	method blank	5/6/2019	Organic	Indeno(1,2,3-cd)pyrene	n/a	<	0.12	µg/L	EPA 625	0.12	2			
2018/19-5	Lab	LCS dup	5/6/2019	Organic	Indeno(1,2,3-cd)pyrene	n/a	=	26.5	µg/L	EPA 625	0.12	2			
2018/19-5	Lab	LCS dup, rec	5/6/2019	Organic	Indeno(1,2,3-cd)pyrene	n/a	=	106	%	EPA 625	-88	-88	42	130	
2018/19-5	Lab	LCS, RPD	5/6/2019	Organic	Indeno(1,2,3-cd)pyrene	n/a	=	4	%	EPA 625	-88	-88	0	30	
2018/19-5	Lab	LCS	5/7/2019	Organic	Indeno(1,2,3-cd)pyrene	n/a	=	27.6	µg/L	EPA 625	0.12	2			
2018/19-5	Lab	LCS, rec	5/7/2019	Organic	Indeno(1,2,3-cd)pyrene	n/a	=	110	%	EPA 625	-88	-88	42	130	
2018/19-5	Lab	method blank	5/24/2019	Organic	Indeno(1,2,3-cd)pyrene	n/a	<	0.12	µg/L	EPA 625	0.12	2			
2018/19-5	Lab	LCS	5/24/2019	Organic	Indeno(1,2,3-cd)pyrene	n/a	=	27.3	µg/L	EPA 625	0.12	2			
2018/19-5	Lab	LCS, rec	5/24/2019	Organic	Indeno(1,2,3-cd)pyrene	n/a	=	109	%	EPA 625	-88	-88	42	130	
2018/19-5	Lab	LCS dup	5/24/2019	Organic	Indeno(1,2,3-cd)pyrene	n/a	=	26.2	µg/L	EPA 625	0.12	2			
2018/19-5	Lab	LCS dup, rec	5/24/2019	Organic	Indeno(1,2,3-cd)pyrene	n/a	=	105	%	EPA 625	-88	-88	42	130	
2018/19-5	Lab	LCS, RPD	5/24/2019	Organic	Indeno(1,2,3-cd)pyrene	n/a	=	4	%	EPA 625	-88	-88	0	30	
2018/19-5	Lab	method blank	6/1/2019	Organic	Indeno(1,2,3-cd)pyrene	n/a	<	0.12	µg/L	EPA 625	0.12	2			
2018/19-5	Lab	LCS dup	6/1/2019	Organic	Indeno(1,2,3-cd)pyrene	n/a	=	23.9	µg/L	EPA 625	0.12	2			
2018/19-5	Lab	LCS dup, rec	6/1/2019	Organic	Indeno(1,2,3-cd)pyrene	n/a	=	96	%	EPA 625	-88	-88	42	130	
2018/19-5	Lab	LCS, RPD	6/1/2019	Organic	Indeno(1,2,3-cd)pyrene	n/a	=	2	%	EPA 625	-88	-88	0	30	
2018/19-5	Lab	LCS	6/1/2019	Organic	Indeno(1,2,3-cd)pyrene	n/a	=	24.5	µg/L	EPA 625	0.12	2			
2018/19-5	Lab	LCS, rec	6/1/2019	Organic	Indeno(1,2,3-cd)pyrene	n/a	=	98	%	EPA 625	-88	-88	42	130	
2018/19-5	Lab	method blank	6/3/2019	Organic	Indeno(1,2,3-cd)pyrene	n/a	<	0.12	µg/L	EPA 625	0.12	2			
2018/19-5	Lab	LCS	6/3/2019	Organic	Indeno(1,2,3-cd)pyrene	n/a	=	23.5	µg/L	EPA 625	0.12	2			
2018/19-5	Lab	LCS, rec	6/3/2019	Organic	Indeno(1,2,3-cd)pyrene	n/a	=	94	%	EPA 625	-88	-88	42	130	
2018/19-5	Lab	method blank	6/6/2019	Organic	Indeno(1,2,3-cd)pyrene	n/a	<	0.12	µg/L	EPA 625	0.12	2			
2018/19-5	Lab	LCS	6/6/2019	Organic	Indeno(1,2,3-cd)pyrene	n/a	=	22.1	µg/L	EPA 625	0.12	2			
2018/19-5	Lab	LCS, rec	6/6/2019	Organic	Indeno(1,2,3-cd)pyrene	n/a	=	88	%	EPA 625	-88	-88	42	130	
2018/19-5	Lab	method blank	6/6/2019	Organic	Indeno(1,2,3-cd)pyrene	n/a	<	0.12	µg/L	EPA 625	0.12	2			
2018/19-5	Lab	LCS	6/6/2019	Organic	Indeno(1,2,3-cd)pyrene	n/a	=	21.9	µg/L	EPA 625	0.12	2			
2018/19-5	Lab	LCS, rec	6/6/2019	Organic	Indeno(1,2,3-cd)pyrene	n/a	=	88	%	EPA 625	-88	-88	42	130	

Appendix F
Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2018/19-5	Lab	LCS dup	6/6/2019	Organic	Indeno(1,2,3-cd)pyrene	n/a	=	22.9	µg/L	EPA 625	0.12	2			
2018/19-5	Lab	LCS dup, rec	6/6/2019	Organic	Indeno(1,2,3-cd)pyrene	n/a	=	92	%	EPA 625	-88	-88	42	130	
2018/19-5	Lab	LCS, RPD	6/6/2019	Organic	Indeno(1,2,3-cd)pyrene	n/a	=	4	%	EPA 625	-88	-88	0	30	
2018/19-5	Lab	method blank	6/7/2019	Organic	Indeno(1,2,3-cd)pyrene	n/a	<	0.1	µg/L	EPA 8270C	0.1	0.1			
2018/19-5	Lab	LCS	6/7/2019	Organic	Indeno(1,2,3-cd)pyrene	n/a	=	9.84	µg/L	EPA 8270C	0.1	0.1			
2018/19-5	Lab	LCS, rec	6/7/2019	Organic	Indeno(1,2,3-cd)pyrene	n/a	=	98	%	EPA 8270C	-88	-88	12	136	
2018/19-5	Lab	LCS dup	6/8/2019	Organic	Indeno(1,2,3-cd)pyrene	n/a	=	9.99	µg/L	EPA 8270C	0.1	0.1			
2018/19-5	Lab	LCS dup, rec	6/8/2019	Organic	Indeno(1,2,3-cd)pyrene	n/a	=	100	%	EPA 8270C	-88	-88	12	136	
2018/19-5	Lab	LCS, RPD	6/8/2019	Organic	Indeno(1,2,3-cd)pyrene	n/a	=	2	%	EPA 8270C	-88	-88	0	30	
2018/19-5	Lab	method blank	6/8/2019	Organic	Indeno(1,2,3-cd)pyrene	n/a	<	0.1	µg/L	EPA 8270C	0.1	0.1			
2018/19-5	Lab	LCS	6/8/2019	Organic	Indeno(1,2,3-cd)pyrene	n/a	=	9.64	µg/L	EPA 8270C	0.1	0.1			
2018/19-5	Lab	LCS, rec	6/8/2019	Organic	Indeno(1,2,3-cd)pyrene	n/a	=	96	%	EPA 8270C	-88	-88	12	136	
2018/19-5	Lab	LCS dup	6/8/2019	Organic	Indeno(1,2,3-cd)pyrene	n/a	=	9.67	µg/L	EPA 8270C	0.1	0.1			
2018/19-5	Lab	LCS dup, rec	6/8/2019	Organic	Indeno(1,2,3-cd)pyrene	n/a	=	97	%	EPA 8270C	-88	-88	12	136	
2018/19-5	Lab	LCS, RPD	6/8/2019	Organic	Indeno(1,2,3-cd)pyrene	n/a	=	0.3	%	EPA 8270C	-88	-88	0	30	
2018/19-5	000NONPJ	matrix spike	5/7/2019	Organic	Isophorone	n/a	=	12.8	µg/L	EPA 625	0.21	1			
2018/19-5	000NONPJ	matrix spike, rec	5/7/2019	Organic	Isophorone	n/a	=	51	%	EPA 625	-88	-88	21	130	
2018/19-5	000NONPJ	matrix spike dup	5/7/2019	Organic	Isophorone	n/a	=	14.7	µg/L	EPA 625	0.21	1			
2018/19-5	000NONPJ	matrix spike dup, rec	5/7/2019	Organic	Isophorone	n/a	=	59	%	EPA 625	-88	-88	21	130	
2018/19-5	000NONPJ	matrix spike, RPD	5/7/2019	Organic	Isophorone	n/a	=	14	%	EPA 625	-88	-88	0	30	
2018/19-5	000NONPJ	matrix spike	6/6/2019	Organic	Isophorone	n/a	=	15.9	µg/L	EPA 625	2.1	10			
2018/19-5	000NONPJ	matrix spike, rec	6/6/2019	Organic	Isophorone	n/a	=	64	%	EPA 625	-88	-88	21	130	
2018/19-5	000NONPJ	matrix spike dup	6/6/2019	Organic	Isophorone	n/a	=	16.3	µg/L	EPA 625	2.1	10			
2018/19-5	000NONPJ	matrix spike dup, rec	6/6/2019	Organic	Isophorone	n/a	=	65	%	EPA 625	-88	-88	21	130	
2018/19-5	000NONPJ	matrix spike, RPD	6/6/2019	Organic	Isophorone	n/a	=	2	%	EPA 625	-88	-88	0	30	
2018/19-5	Lab	method blank	5/6/2019	Organic	Isophorone	n/a	<	0.21	µg/L	EPA 625	0.21	1			
2018/19-5	Lab	LCS dup	5/6/2019	Organic	Isophorone	n/a	=	14.3	µg/L	EPA 625	0.21	1			
2018/19-5	Lab	LCS dup, rec	5/6/2019	Organic	Isophorone	n/a	=	57	%	EPA 625	-88	-88	36	130	
2018/19-5	Lab	LCS, RPD	5/6/2019	Organic	Isophorone	n/a	=	22	%	EPA 625	-88	-88	0	30	
2018/19-5	Lab	LCS	5/7/2019	Organic	Isophorone	n/a	=	17.8	µg/L	EPA 625	0.21	1			
2018/19-5	Lab	LCS, rec	5/7/2019	Organic	Isophorone	n/a	=	71	%	EPA 625	-88	-88	36	130	
2018/19-5	Lab	method blank	5/24/2019	Organic	Isophorone	n/a	<	0.21	µg/L	EPA 625	0.21	1			
2018/19-5	Lab	LCS	5/24/2019	Organic	Isophorone	n/a	=	18.5	µg/L	EPA 625	0.21	1			
2018/19-5	Lab	LCS, rec	5/24/2019	Organic	Isophorone	n/a	=	74	%	EPA 625	-88	-88	36	130	
2018/19-5	Lab	LCS dup	5/24/2019	Organic	Isophorone	n/a	=	20.3	µg/L	EPA 625	0.21	1			
2018/19-5	Lab	LCS dup, rec	5/24/2019	Organic	Isophorone	n/a	=	81	%	EPA 625	-88	-88	36	130	
2018/19-5	Lab	LCS, RPD	5/24/2019	Organic	Isophorone	n/a	=	10	%	EPA 625	-88	-88	0	30	
2018/19-5	Lab	method blank	6/1/2019	Organic	Isophorone	n/a	<	0.21	µg/L	EPA 625	0.21	1			
2018/19-5	Lab	LCS dup	6/1/2019	Organic	Isophorone	n/a	=	16.7	µg/L	EPA 625	0.21	1			
2018/19-5	Lab	LCS dup, rec	6/1/2019	Organic	Isophorone	n/a	=	67	%	EPA 625	-88	-88	36	130	
2018/19-5	Lab	LCS, RPD	6/1/2019	Organic	Isophorone	n/a	=	20	%	EPA 625	-88	-88	0	30	
2018/19-5	Lab	LCS	6/1/2019	Organic	Isophorone	n/a	=	20.5	µg/L	EPA 625	0.21	1			
2018/19-5	Lab	LCS, rec	6/1/2019	Organic	Isophorone	n/a	=	82	%	EPA 625	-88	-88	36	130	
2018/19-5	Lab	method blank	6/3/2019	Organic	Isophorone	n/a	<	0.21	µg/L	EPA 625	0.21	1			
2018/19-5	Lab	LCS	6/3/2019	Organic	Isophorone	n/a	=	17.1	µg/L	EPA 625	0.21	1			
2018/19-5	Lab	LCS, rec	6/3/2019	Organic	Isophorone	n/a	=	69	%	EPA 625	-88	-88	36	130	
2018/19-5	Lab	method blank	6/6/2019	Organic	Isophorone	n/a	<	0.21	µg/L	EPA 625	0.21	1			

Appendix F
Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2018/19-5	Lab	LCS	6/6/2019	Organic	Isophorone	n/a	=	17	µg/L	EPA 625	0.21	1			
2018/19-5	Lab	LCS, rec	6/6/2019	Organic	Isophorone	n/a	=	68	%	EPA 625	-88	-88	36	130	
2018/19-5	Lab	LCS	5/3/2019	Organic	Methyl tert-butyl ether (MTBE)	n/a	=	49.1	µg/L	EPA 624	0.25	1			
2018/19-5	Lab	LCS, rec	5/3/2019	Organic	Methyl tert-butyl ether (MTBE)	n/a	=	98	%	EPA 624	-88	-88	80	128	
2018/19-5	Lab	LCS dup	5/3/2019	Organic	Methyl tert-butyl ether (MTBE)	n/a	=	48.6	µg/L	EPA 624	0.25	1			
2018/19-5	Lab	LCS dup, rec	5/3/2019	Organic	Methyl tert-butyl ether (MTBE)	n/a	=	97	%	EPA 624	-88	-88	80	128	
2018/19-5	Lab	LCS, RPD	5/3/2019	Organic	Methyl tert-butyl ether (MTBE)	n/a	=	1	%	EPA 624	-88	-88	0	25	
2018/19-5	Lab	method blank	5/3/2019	Organic	Methyl tert-butyl ether (MTBE)	n/a	<	0.25	µg/L	EPA 624	0.25	1			
2018/19-5	Lab	LCS	5/10/2019	Organic	Methyl tert-butyl ether (MTBE)	n/a	=	53.2	µg/L	EPA 624	0.25	1			
2018/19-5	Lab	LCS, rec	5/10/2019	Organic	Methyl tert-butyl ether (MTBE)	n/a	=	106	%	EPA 624	-88	-88	80	128	
2018/19-5	Lab	LCS dup	5/10/2019	Organic	Methyl tert-butyl ether (MTBE)	n/a	=	55.5	µg/L	EPA 624	0.25	1			
2018/19-5	Lab	LCS dup, rec	5/10/2019	Organic	Methyl tert-butyl ether (MTBE)	n/a	=	111	%	EPA 624	-88	-88	80	128	
2018/19-5	Lab	LCS, RPD	5/10/2019	Organic	Methyl tert-butyl ether (MTBE)	n/a	=	4	%	EPA 624	-88	-88	0	25	
2018/19-5	Lab	method blank	5/10/2019	Organic	Methyl tert-butyl ether (MTBE)	n/a	<	0.25	µg/L	EPA 624	0.25	1			
2018/19-5	Lab	LCS	5/16/2019	Organic	Methyl tert-butyl ether (MTBE)	n/a	=	51.7	µg/L	EPA 624	0.25	1			
2018/19-5	Lab	LCS, rec	5/16/2019	Organic	Methyl tert-butyl ether (MTBE)	n/a	=	103	%	EPA 624	-88	-88	80	128	
2018/19-5	Lab	LCS dup	5/16/2019	Organic	Methyl tert-butyl ether (MTBE)	n/a	=	52	µg/L	EPA 624	0.25	1			
2018/19-5	Lab	LCS dup, rec	5/16/2019	Organic	Methyl tert-butyl ether (MTBE)	n/a	=	104	%	EPA 624	-88	-88	80	128	
2018/19-5	Lab	LCS, RPD	5/16/2019	Organic	Methyl tert-butyl ether (MTBE)	n/a	=	0.7	%	EPA 624	-88	-88	0	25	
2018/19-5	Lab	method blank	5/16/2019	Organic	Methyl tert-butyl ether (MTBE)	n/a	<	0.25	µg/L	EPA 624	0.25	1			
2018/19-5	000NONPJ	matrix spike	5/7/2019	Organic	Naphthalene	n/a	=	10	µg/L	EPA 625	0.49	1			
2018/19-5	000NONPJ	matrix spike, rec	5/7/2019	Organic	Naphthalene	n/a	=	40	%	EPA 625	-88	-88	39	120	
2018/19-5	000NONPJ	matrix spike dup	5/7/2019	Organic	Naphthalene	n/a	=	11.5	µg/L	EPA 625	0.49	1			
2018/19-5	000NONPJ	matrix spike dup, rec	5/7/2019	Organic	Naphthalene	n/a	=	46	%	EPA 625	-88	-88	39	120	
2018/19-5	000NONPJ	matrix spike, RPD	5/7/2019	Organic	Naphthalene	n/a	=	14	%	EPA 625	-88	-88	0	30	
2018/19-5	000NONPJ	matrix spike	6/6/2019	Organic	Naphthalene	n/a	=	15.3	µg/L	EPA 625	4.9	10			
2018/19-5	000NONPJ	matrix spike, rec	6/6/2019	Organic	Naphthalene	n/a	=	61	%	EPA 625	-88	-88	39	120	
2018/19-5	000NONPJ	matrix spike dup	6/6/2019	Organic	Naphthalene	n/a	=	16.2	µg/L	EPA 625	4.9	10			
2018/19-5	000NONPJ	matrix spike dup, rec	6/6/2019	Organic	Naphthalene	n/a	=	65	%	EPA 625	-88	-88	39	120	
2018/19-5	000NONPJ	matrix spike, RPD	6/6/2019	Organic	Naphthalene	n/a	=	5	%	EPA 625	-88	-88	0	30	
2018/19-5	Lab	method blank	5/6/2019	Organic	Naphthalene	n/a	<	0.49	µg/L	EPA 625	0.49	1			
2018/19-5	Lab	LCS dup	5/6/2019	Organic	Naphthalene	n/a	=	11.6	µg/L	EPA 625	0.49	1			
2018/19-5	Lab	LCS dup, rec	5/6/2019	Organic	Naphthalene	n/a	=	46	%	EPA 625	-88	-88	41	130	
2018/19-5	Lab	LCS, RPD	5/6/2019	Organic	Naphthalene	n/a	=	26	%	EPA 625	-88	-88	0	30	
2018/19-5	Lab	LCS	5/7/2019	Organic	Naphthalene	n/a	=	15.2	µg/L	EPA 625	0.49	1			
2018/19-5	Lab	LCS, rec	5/7/2019	Organic	Naphthalene	n/a	=	61	%	EPA 625	-88	-88	41	130	
2018/19-5	Lab	method blank	5/24/2019	Organic	Naphthalene	n/a	<	0.49	µg/L	EPA 625	0.49	1			
2018/19-5	Lab	LCS	5/24/2019	Organic	Naphthalene	n/a	=	18	µg/L	EPA 625	0.49	1			
2018/19-5	Lab	LCS, rec	5/24/2019	Organic	Naphthalene	n/a	=	72	%	EPA 625	-88	-88	41	130	
2018/19-5	Lab	LCS dup	5/24/2019	Organic	Naphthalene	n/a	=	21.1	µg/L	EPA 625	0.49	1			
2018/19-5	Lab	LCS dup, rec	5/24/2019	Organic	Naphthalene	n/a	=	84	%	EPA 625	-88	-88	41	130	
2018/19-5	Lab	LCS, RPD	5/24/2019	Organic	Naphthalene	n/a	=	16	%	EPA 625	-88	-88	0	30	
2018/19-5	Lab	method blank	6/1/2019	Organic	Naphthalene	n/a	<	0.49	µg/L	EPA 625	0.49	1			
2018/19-5	Lab	LCS dup	6/1/2019	Organic	Naphthalene	n/a	=	16	µg/L	EPA 625	0.49	1			
2018/19-5	Lab	LCS dup, rec	6/1/2019	Organic	Naphthalene	n/a	=	64	%	EPA 625	-88	-88	41	130	
2018/19-5	Lab	LCS, RPD	6/1/2019	Organic	Naphthalene	n/a	=	23	%	EPA 625	-88	-88	0	30	
2018/19-5	Lab	LCS	6/1/2019	Organic	Naphthalene	n/a	=	20.1	µg/L	EPA 625	0.49	1			

Appendix F
Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2018/19-5	Lab	LCS, rec	6/1/2019	Organic	Naphthalene	n/a	=	80	%	EPA 625	-88	-88	41	130	
2018/19-5	Lab	method blank	6/3/2019	Organic	Naphthalene	n/a	<	0.49	µg/L	EPA 625	0.49	1			
2018/19-5	Lab	LCS	6/3/2019	Organic	Naphthalene	n/a	=	16.9	µg/L	EPA 625	0.49	1			
2018/19-5	Lab	LCS, rec	6/3/2019	Organic	Naphthalene	n/a	=	67	%	EPA 625	-88	-88	41	130	
2018/19-5	Lab	method blank	6/6/2019	Organic	Naphthalene	n/a	<	0.49	µg/L	EPA 625	0.49	1			
2018/19-5	Lab	LCS	6/6/2019	Organic	Naphthalene	n/a	=	16.8	µg/L	EPA 625	0.49	1			
2018/19-5	Lab	LCS, rec	6/6/2019	Organic	Naphthalene	n/a	=	67	%	EPA 625	-88	-88	41	130	
2018/19-5	Lab	method blank	6/7/2019	Organic	Naphthalene	n/a	<	0.1	µg/L	EPA 8270C	0.1	0.1			
2018/19-5	Lab	LCS	6/7/2019	Organic	Naphthalene	n/a	=	7.38	µg/L	EPA 8270C	0.1	0.1			
2018/19-5	Lab	LCS, rec	6/7/2019	Organic	Naphthalene	n/a	=	74	%	EPA 8270C	-88	-88	12	136	
2018/19-5	Lab	LCS dup	6/8/2019	Organic	Naphthalene	n/a	=	6.52	µg/L	EPA 8270C	0.1	0.1			
2018/19-5	Lab	LCS dup, rec	6/8/2019	Organic	Naphthalene	n/a	=	65	%	EPA 8270C	-88	-88	12	136	
2018/19-5	Lab	LCS, RPD	6/8/2019	Organic	Naphthalene	n/a	=	12	%	EPA 8270C	-88	-88	0	30	
2018/19-5	Lab	method blank	6/8/2019	Organic	Naphthalene	n/a	<	0.1	µg/L	EPA 8270C	0.1	0.1			
2018/19-5	Lab	LCS	6/8/2019	Organic	Naphthalene	n/a	=	7.54	µg/L	EPA 8270C	0.1	0.1			
2018/19-5	Lab	LCS, rec	6/8/2019	Organic	Naphthalene	n/a	=	75	%	EPA 8270C	-88	-88	12	136	
2018/19-5	Lab	LCS dup	6/8/2019	Organic	Naphthalene	n/a	=	6.73	µg/L	EPA 8270C	0.1	0.1			
2018/19-5	Lab	LCS dup, rec	6/8/2019	Organic	Naphthalene	n/a	=	67	%	EPA 8270C	-88	-88	12	136	
2018/19-5	Lab	LCS, RPD	6/8/2019	Organic	Naphthalene	n/a	=	11	%	EPA 8270C	-88	-88	0	30	
2018/19-5	000NONPJ	matrix spike	5/7/2019	Organic	Nitrobenzene	n/a	=	12.8	µg/L	EPA 625	0.36	1			
2018/19-5	000NONPJ	matrix spike, rec	5/7/2019	Organic	Nitrobenzene	n/a	=	51	%	EPA 625	-88	-88	41	120	
2018/19-5	000NONPJ	matrix spike dup	5/7/2019	Organic	Nitrobenzene	n/a	=	14.4	µg/L	EPA 625	0.36	1			
2018/19-5	000NONPJ	matrix spike dup, rec	5/7/2019	Organic	Nitrobenzene	n/a	=	58	%	EPA 625	-88	-88	41	120	
2018/19-5	000NONPJ	matrix spike, RPD	5/7/2019	Organic	Nitrobenzene	n/a	=	11	%	EPA 625	-88	-88	0	30	
2018/19-5	000NONPJ	matrix spike	6/6/2019	Organic	Nitrobenzene	n/a	=	14.3	µg/L	EPA 625	3.6	10			
2018/19-5	000NONPJ	matrix spike, rec	6/6/2019	Organic	Nitrobenzene	n/a	=	57	%	EPA 625	-88	-88	41	120	
2018/19-5	000NONPJ	matrix spike dup	6/6/2019	Organic	Nitrobenzene	n/a	=	15.2	µg/L	EPA 625	3.6	10			
2018/19-5	000NONPJ	matrix spike dup, rec	6/6/2019	Organic	Nitrobenzene	n/a	=	61	%	EPA 625	-88	-88	41	120	
2018/19-5	000NONPJ	matrix spike, RPD	6/6/2019	Organic	Nitrobenzene	n/a	=	6	%	EPA 625	-88	-88	0	30	
2018/19-5	Lab	method blank	5/6/2019	Organic	Nitrobenzene	n/a	<	0.36	µg/L	EPA 625	0.36	1			
2018/19-5	Lab	LCS dup	5/6/2019	Organic	Nitrobenzene	n/a	=	14.3	µg/L	EPA 625	0.36	1			
2018/19-5	Lab	LCS dup, rec	5/6/2019	Organic	Nitrobenzene	n/a	=	57	%	EPA 625	-88	-88	44	130	
2018/19-5	Lab	LCS, RPD	5/6/2019	Organic	Nitrobenzene	n/a	=	20	%	EPA 625	-88	-88	0	30	
2018/19-5	Lab	LCS	5/7/2019	Organic	Nitrobenzene	n/a	=	17.4	µg/L	EPA 625	0.36	1			
2018/19-5	Lab	LCS, rec	5/7/2019	Organic	Nitrobenzene	n/a	=	70	%	EPA 625	-88	-88	44	130	
2018/19-5	Lab	method blank	5/24/2019	Organic	Nitrobenzene	n/a	<	0.36	µg/L	EPA 625	0.36	1			
2018/19-5	Lab	LCS	5/24/2019	Organic	Nitrobenzene	n/a	=	15.7	µg/L	EPA 625	0.36	1			
2018/19-5	Lab	LCS, rec	5/24/2019	Organic	Nitrobenzene	n/a	=	63	%	EPA 625	-88	-88	44	130	
2018/19-5	Lab	LCS dup	5/24/2019	Organic	Nitrobenzene	n/a	=	17.8	µg/L	EPA 625	0.36	1			
2018/19-5	Lab	LCS dup, rec	5/24/2019	Organic	Nitrobenzene	n/a	=	71	%	EPA 625	-88	-88	44	130	
2018/19-5	Lab	LCS, RPD	5/24/2019	Organic	Nitrobenzene	n/a	=	13	%	EPA 625	-88	-88	0	30	
2018/19-5	Lab	method blank	6/1/2019	Organic	Nitrobenzene	n/a	<	0.36	µg/L	EPA 625	0.36	1			
2018/19-5	Lab	LCS dup	6/1/2019	Organic	Nitrobenzene	n/a	=	14.8	µg/L	EPA 625	0.36	1			
2018/19-5	Lab	LCS dup, rec	6/1/2019	Organic	Nitrobenzene	n/a	=	59	%	EPA 625	-88	-88	44	130	
2018/19-5	Lab	LCS, RPD	6/1/2019	Organic	Nitrobenzene	n/a	=	21	%	EPA 625	-88	-88	0	30	
2018/19-5	Lab	LCS	6/1/2019	Organic	Nitrobenzene	n/a	=	18.3	µg/L	EPA 625	0.36	1			
2018/19-5	Lab	LCS, rec	6/1/2019	Organic	Nitrobenzene	n/a	=	73	%	EPA 625	-88	-88	44	130	

Appendix F
Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2018/19-5	Lab	method blank	6/3/2019	Organic	Nitrobenzene	n/a	<	0.36	µg/L	EPA 625	0.36	1			
2018/19-5	Lab	LCS	6/3/2019	Organic	Nitrobenzene	n/a	=	15.1	µg/L	EPA 625	0.36	1			
2018/19-5	Lab	LCS, rec	6/3/2019	Organic	Nitrobenzene	n/a	=	60	%	EPA 625	-88	-88	44	130	
2018/19-5	Lab	method blank	6/6/2019	Organic	Nitrobenzene	n/a	<	0.36	µg/L	EPA 625	0.36	1			
2018/19-5	Lab	LCS	6/6/2019	Organic	Nitrobenzene	n/a	=	14.8	µg/L	EPA 625	0.36	1			
2018/19-5	Lab	LCS, rec	6/6/2019	Organic	Nitrobenzene	n/a	=	59	%	EPA 625	-88	-88	44	130	
2018/19-5	000NONPJ	srgt matrix spike	5/7/2019	Organic	Nitrobenzene-d5	n/a	=	13.5	µg/L	EPA 625	-88	-88			
2018/19-5	000NONPJ	srgt matrix spike, rec	5/7/2019	Organic	Nitrobenzene-d5	n/a	=	54	%	EPA 625	-88	-88	45	120	
2018/19-5	000NONPJ	srgt matrix spike dup	5/7/2019	Organic	Nitrobenzene-d5	n/a	=	15.1	µg/L	EPA 625	-88	-88			
2018/19-5	000NONPJ	srgt matrix spike dup, rec	5/7/2019	Organic	Nitrobenzene-d5	n/a	=	60	%	EPA 625	-88	-88	45	120	
2018/19-5	000NONPJ	srgt matrix spike	6/6/2019	Organic	Nitrobenzene-d5	n/a	=	16.2	µg/L	EPA 625	-88	-88			
2018/19-5	000NONPJ	srgt matrix spike, rec	6/6/2019	Organic	Nitrobenzene-d5	n/a	=	65	%	EPA 625	-88	-88	45	120	
2018/19-5	000NONPJ	srgt matrix spike dup	6/6/2019	Organic	Nitrobenzene-d5	n/a	=	16.2	µg/L	EPA 625	-88	-88			
2018/19-5	000NONPJ	srgt matrix spike dup, rec	6/6/2019	Organic	Nitrobenzene-d5	n/a	=	65	%	EPA 625	-88	-88	45	120	
2018/19-5	Lab	srgt method blank	5/6/2019	Organic	Nitrobenzene-d5	n/a	=	16.2	µg/L	EPA 625	-88	-88			
2018/19-5	Lab	srgt method blank, rec	5/6/2019	Organic	Nitrobenzene-d5	n/a	=	65	%	EPA 625	-88	-88	45	120	
2018/19-5	Lab	srgt LCS dup	5/6/2019	Organic	Nitrobenzene-d5	n/a	=	15.2	µg/L	EPA 625	-88	-88			
2018/19-5	Lab	srgt LCS dup, rec	5/6/2019	Organic	Nitrobenzene-d5	n/a	=	61	%	EPA 625	-88	-88	45	120	
2018/19-5	Lab	srgt LCS	5/7/2019	Organic	Nitrobenzene-d5	n/a	=	18.3	µg/L	EPA 625	-88	-88			
2018/19-5	Lab	srgt LCS, rec	5/7/2019	Organic	Nitrobenzene-d5	n/a	=	73	%	EPA 625	-88	-88	45	120	
2018/19-5	Lab	srgt method blank	5/24/2019	Organic	Nitrobenzene-d5	n/a	=	14.8	µg/L	EPA 625	-88	-88			
2018/19-5	Lab	srgt method blank, rec	5/24/2019	Organic	Nitrobenzene-d5	n/a	=	59	%	EPA 625	-88	-88	45	120	
2018/19-5	Lab	srgt LCS	5/24/2019	Organic	Nitrobenzene-d5	n/a	=	16	µg/L	EPA 625	-88	-88			
2018/19-5	Lab	srgt LCS, rec	5/24/2019	Organic	Nitrobenzene-d5	n/a	=	64	%	EPA 625	-88	-88	45	120	
2018/19-5	Lab	srgt LCS dup	5/24/2019	Organic	Nitrobenzene-d5	n/a	=	18	µg/L	EPA 625	-88	-88			
2018/19-5	Lab	srgt LCS dup, rec	5/24/2019	Organic	Nitrobenzene-d5	n/a	=	72	%	EPA 625	-88	-88	45	120	
2018/19-5	Lab	srgt method blank	6/1/2019	Organic	Nitrobenzene-d5	n/a	=	17.1	µg/L	EPA 625	-88	-88			
2018/19-5	Lab	srgt method blank, rec	6/1/2019	Organic	Nitrobenzene-d5	n/a	=	68	%	EPA 625	-88	-88	45	120	
2018/19-5	Lab	srgt LCS dup	6/1/2019	Organic	Nitrobenzene-d5	n/a	=	16.7	µg/L	EPA 625	-88	-88			
2018/19-5	Lab	srgt LCS dup, rec	6/1/2019	Organic	Nitrobenzene-d5	n/a	=	67	%	EPA 625	-88	-88	45	120	
2018/19-5	Lab	srgt LCS	6/1/2019	Organic	Nitrobenzene-d5	n/a	=	19.6	µg/L	EPA 625	-88	-88			
2018/19-5	Lab	srgt LCS, rec	6/1/2019	Organic	Nitrobenzene-d5	n/a	=	78	%	EPA 625	-88	-88	45	120	
2018/19-5	Lab	srgt method blank	6/3/2019	Organic	Nitrobenzene-d5	n/a	=	17.4	µg/L	EPA 625	-88	-88			
2018/19-5	Lab	srgt method blank, rec	6/3/2019	Organic	Nitrobenzene-d5	n/a	=	69	%	EPA 625	-88	-88	45	120	
2018/19-5	Lab	srgt LCS	6/3/2019	Organic	Nitrobenzene-d5	n/a	=	16.8	µg/L	EPA 625	-88	-88			
2018/19-5	Lab	srgt LCS, rec	6/3/2019	Organic	Nitrobenzene-d5	n/a	=	67	%	EPA 625	-88	-88	45	120	
2018/19-5	Lab	srgt method blank	6/6/2019	Organic	Nitrobenzene-d5	n/a	=	17.7	µg/L	EPA 625	-88	-88			
2018/19-5	Lab	srgt method blank, rec	6/6/2019	Organic	Nitrobenzene-d5	n/a	=	71	%	EPA 625	-88	-88	45	120	
2018/19-5	Lab	srgt LCS	6/6/2019	Organic	Nitrobenzene-d5	n/a	=	16.6	µg/L	EPA 625	-88	-88			
2018/19-5	Lab	srgt LCS, rec	6/6/2019	Organic	Nitrobenzene-d5	n/a	=	66	%	EPA 625	-88	-88	45	120	
2018/19-5	Lab	srgt method blank	6/6/2019	Organic	Nitrobenzene-d5	n/a	=	16.2	µg/L	EPA 625	-88	-88			
2018/19-5	Lab	srgt method blank, rec	6/6/2019	Organic	Nitrobenzene-d5	n/a	=	65	%	EPA 625	-88	-88	45	120	
2018/19-5	Lab	srgt LCS	6/6/2019	Organic	Nitrobenzene-d5	n/a	=	15.7	µg/L	EPA 625	-88	-88			
2018/19-5	Lab	srgt LCS, rec	6/6/2019	Organic	Nitrobenzene-d5	n/a	=	63	%	EPA 625	-88	-88	45	120	
2018/19-5	Lab	srgt LCS dup	6/6/2019	Organic	Nitrobenzene-d5	n/a	=	18.8	µg/L	EPA 625	-88	-88			
2018/19-5	Lab	srgt LCS dup, rec	6/6/2019	Organic	Nitrobenzene-d5	n/a	=	75	%	EPA 625	-88	-88	45	120	
2018/19-5	Lab	srgt method blank	6/7/2019	Organic	Nitrobenzene-d5	n/a	=	3.4	µg/L	EPA 8270C	-88	-88			

Appendix F
Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2018/19-5	Lab	srgt method blank, rec	6/7/2019	Organic	Nitrobenzene-d5	n/a	=	68	%	EPA 8270C	-88	-88	51	143	
2018/19-5	Lab	srgt LCS	6/7/2019	Organic	Nitrobenzene-d5	n/a	=	3.85	µg/L	EPA 8270C	-88	-88			
2018/19-5	Lab	srgt LCS, rec	6/7/2019	Organic	Nitrobenzene-d5	n/a	=	77	%	EPA 8270C	-88	-88	51	143	
2018/19-5	Lab	srgt LCS dup	6/8/2019	Organic	Nitrobenzene-d5	n/a	=	3.41	µg/L	EPA 8270C	-88	-88			
2018/19-5	Lab	srgt LCS dup, rec	6/8/2019	Organic	Nitrobenzene-d5	n/a	=	68	%	EPA 8270C	-88	-88	51	143	
2018/19-5	Lab	srgt method blank	6/8/2019	Organic	Nitrobenzene-d5	n/a	=	3.72	µg/L	EPA 8270C	-88	-88			
2018/19-5	Lab	srgt method blank, rec	6/8/2019	Organic	Nitrobenzene-d5	n/a	=	74	%	EPA 8270C	-88	-88	51	143	
2018/19-5	Lab	srgt LCS	6/8/2019	Organic	Nitrobenzene-d5	n/a	=	3.9	µg/L	EPA 8270C	-88	-88			
2018/19-5	Lab	srgt LCS, rec	6/8/2019	Organic	Nitrobenzene-d5	n/a	=	78	%	EPA 8270C	-88	-88	51	143	
2018/19-5	Lab	srgt LCS dup	6/8/2019	Organic	Nitrobenzene-d5	n/a	=	3.36	µg/L	EPA 8270C	-88	-88			
2018/19-5	Lab	srgt LCS dup, rec	6/8/2019	Organic	Nitrobenzene-d5	n/a	=	67	%	EPA 8270C	-88	-88	51	143	
2018/19-5	ME-CC	srgt environ	5/24/2019	Organic	Nitrobenzene-d5	n/a	=	15.1	µg/L	EPA 625	-88	-88			
2018/19-5	ME-CC	srgt environ, rec	5/24/2019	Organic	Nitrobenzene-d5	n/a	=	61	%	EPA 625	-88	-88	45	120	
2018/19-5	ME-CC	srgt environ	6/8/2019	Organic	Nitrobenzene-d5	n/a	=	3.57	µg/L	EPA 8270C	-88	-88			
2018/19-5	ME-CC	srgt environ, rec	6/8/2019	Organic	Nitrobenzene-d5	n/a	=	71	%	EPA 8270C	-88	-88	51	143	
2018/19-5	ME-SCR	srgt environ	6/1/2019	Organic	Nitrobenzene-d5	n/a	=	16.6	µg/L	EPA 625	-88	-88			
2018/19-5	ME-SCR	srgt environ, rec	6/1/2019	Organic	Nitrobenzene-d5	n/a	=	67	%	EPA 625	-88	-88	45	120	
2018/19-5	ME-SCR	srgt environ	6/8/2019	Organic	Nitrobenzene-d5	n/a	=	3.43	µg/L	EPA 8270C	-88	-88			
2018/19-5	ME-SCR	srgt environ, rec	6/8/2019	Organic	Nitrobenzene-d5	n/a	=	69	%	EPA 8270C	-88	-88	51	143	
2018/19-5	ME-VR2	srgt environ	6/3/2019	Organic	Nitrobenzene-d5	n/a	=	18.9	µg/L	EPA 625	-88	-88			
2018/19-5	ME-VR2	srgt environ, rec	6/3/2019	Organic	Nitrobenzene-d5	n/a	=	76	%	EPA 625	-88	-88	45	120	
2018/19-5	ME-VR2	srgt environ	6/8/2019	Organic	Nitrobenzene-d5	n/a	=	3.77	µg/L	EPA 8270C	-88	-88			
2018/19-5	ME-VR2	srgt environ, rec	6/8/2019	Organic	Nitrobenzene-d5	n/a	=	75	%	EPA 8270C	-88	-88	51	143	
2018/19-5	MO-CAM	srgt environ	5/24/2019	Organic	Nitrobenzene-d5	n/a	=	10.4	µg/L	EPA 625	-88	-88			GN
2018/19-5	MO-CAM	srgt environ, rec	5/24/2019	Organic	Nitrobenzene-d5	n/a	=	42	%	EPA 625	-88	-88	45	120	GN
2018/19-5	MO-CAM	srgt environ	6/8/2019	Organic	Nitrobenzene-d5	n/a	=	2.25	µg/L	EPA 8270C	-88	-88			GN
2018/19-5	MO-CAM	srgt environ, rec	6/8/2019	Organic	Nitrobenzene-d5	n/a	=	45	%	EPA 8270C	-88	-88	51	143	GN
2018/19-5	MO-FIL	srgt environ	6/1/2019	Organic	Nitrobenzene-d5	n/a	=	16.1	µg/L	EPA 625	-88	-88			
2018/19-5	MO-FIL	srgt environ, rec	6/1/2019	Organic	Nitrobenzene-d5	n/a	=	64	%	EPA 625	-88	-88	45	120	
2018/19-5	MO-FIL	srgt environ	6/8/2019	Organic	Nitrobenzene-d5	n/a	=	3.49	µg/L	EPA 8270C	-88	-88			
2018/19-5	MO-FIL	srgt environ, rec	6/8/2019	Organic	Nitrobenzene-d5	n/a	=	70	%	EPA 8270C	-88	-88	51	143	
2018/19-5	MO-HUE	srgt environ	6/3/2019	Organic	Nitrobenzene-d5	n/a	=	15	µg/L	EPA 625	-88	-88			
2018/19-5	MO-HUE	srgt environ, rec	6/3/2019	Organic	Nitrobenzene-d5	n/a	=	60	%	EPA 625	-88	-88	45	120	
2018/19-5	MO-HUE	srgt environ	6/8/2019	Organic	Nitrobenzene-d5	n/a	=	3.21	µg/L	EPA 8270C	-88	-88			
2018/19-5	MO-HUE	srgt environ, rec	6/8/2019	Organic	Nitrobenzene-d5	n/a	=	64	%	EPA 8270C	-88	-88	51	143	
2018/19-5	MO-MPK	srgt environ	5/24/2019	Organic	Nitrobenzene-d5	n/a	=	12.4	µg/L	EPA 625	-88	-88			
2018/19-5	MO-MPK	srgt environ, rec	5/24/2019	Organic	Nitrobenzene-d5	n/a	=	50	%	EPA 625	-88	-88	45	120	
2018/19-5	MO-MPK	srgt environ	6/8/2019	Organic	Nitrobenzene-d5	n/a	=	2.09	µg/L	EPA 8270C	-88	-88			GN
2018/19-5	MO-MPK	srgt environ, rec	6/8/2019	Organic	Nitrobenzene-d5	n/a	=	42	%	EPA 8270C	-88	-88	51	143	GN
2018/19-5	MO-OJA	srgt environ	6/3/2019	Organic	Nitrobenzene-d5	n/a	=	14.6	µg/L	EPA 625	-88	-88			
2018/19-5	MO-OJA	srgt environ, rec	6/3/2019	Organic	Nitrobenzene-d5	n/a	=	58	%	EPA 625	-88	-88	45	120	
2018/19-5	MO-OJA	srgt environ	6/8/2019	Organic	Nitrobenzene-d5	n/a	=	3.02	µg/L	EPA 8270C	-88	-88			
2018/19-5	MO-OJA	srgt environ, rec	6/8/2019	Organic	Nitrobenzene-d5	n/a	=	60	%	EPA 8270C	-88	-88	51	143	
2018/19-5	MO-SIM	srgt environ	5/24/2019	Organic	Nitrobenzene-d5	n/a	=	2.13	µg/L	EPA 625	-88	-88			GN
2018/19-5	MO-SIM	srgt environ, rec	5/24/2019	Organic	Nitrobenzene-d5	n/a	=	9	%	EPA 625	-88	-88	45	120	GN
2018/19-5	MO-SIM	srgt environ	6/8/2019	Organic	Nitrobenzene-d5	n/a	=	3.42	µg/L	EPA 8270C	-88	-88			
2018/19-5	MO-SIM	srgt environ, rec	6/8/2019	Organic	Nitrobenzene-d5	n/a	=	68	%	EPA 8270C	-88	-88	51	143	

Appendix F
Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2018/19-5	MO-THO	srgt environ	5/24/2019	Organic	Nitrobenzene-d5	n/a	=	15.4	µg/L	EPA 625	-88	-88			
2018/19-5	MO-THO	srgt environ, rec	5/24/2019	Organic	Nitrobenzene-d5	n/a	=	62	%	EPA 625	-88	-88	45	120	
2018/19-5	MO-THO	srgt environ	6/8/2019	Organic	Nitrobenzene-d5	n/a	=	3.59	µg/L	EPA 8270C	-88	-88			
2018/19-5	MO-THO	srgt environ, rec	6/8/2019	Organic	Nitrobenzene-d5	n/a	=	72	%	EPA 8270C	-88	-88	51	143	
2018/19-5	MO-VEN	srgt environ	6/1/2019	Organic	Nitrobenzene-d5	n/a	=	2.07	µg/L	EPA 625	-88	-88			GN
2018/19-5	MO-VEN	srgt environ, rec	6/1/2019	Organic	Nitrobenzene-d5	n/a	=	8	%	EPA 625	-88	-88	45	120	GN
2018/19-5	MO-VEN	srgt environ	6/8/2019	Organic	Nitrobenzene-d5	n/a	=	0.51	µg/L	EPA 8270C	-88	-88			GN
2018/19-5	MO-VEN	srgt environ, rec	6/8/2019	Organic	Nitrobenzene-d5	n/a	=	10	%	EPA 8270C	-88	-88	51	143	GN
2018/19-5	000NONPJ	matrix spike	5/7/2019	Organic	N-Nitrosodimethylamine	n/a	=	7.67	µg/L	EPA 625	0.14	1			
2018/19-5	000NONPJ	matrix spike, rec	5/7/2019	Organic	N-Nitrosodimethylamine	n/a	=	30	%	EPA 625	-88	-88	17	120	
2018/19-5	000NONPJ	matrix spike dup	5/7/2019	Organic	N-Nitrosodimethylamine	n/a	=	8.55	µg/L	EPA 625	0.14	1			
2018/19-5	000NONPJ	matrix spike dup, rec	5/7/2019	Organic	N-Nitrosodimethylamine	n/a	=	34	%	EPA 625	-88	-88	17	120	
2018/19-5	000NONPJ	matrix spike, RPD	5/7/2019	Organic	N-Nitrosodimethylamine	n/a	=	11	%	EPA 625	-88	-88	0	30	
2018/19-5	000NONPJ	matrix spike	6/6/2019	Organic	N-Nitrosodimethylamine	n/a	DNQ	8.09	µg/L	EPA 625	1.4	10			
2018/19-5	000NONPJ	matrix spike, rec	6/6/2019	Organic	N-Nitrosodimethylamine	n/a	=	32	%	EPA 625	-88	-88	17	120	
2018/19-5	000NONPJ	matrix spike dup	6/6/2019	Organic	N-Nitrosodimethylamine	n/a	DNQ	9.15	µg/L	EPA 625	1.4	10			
2018/19-5	000NONPJ	matrix spike dup, rec	6/6/2019	Organic	N-Nitrosodimethylamine	n/a	=	37	%	EPA 625	-88	-88	17	120	
2018/19-5	000NONPJ	matrix spike, RPD	6/6/2019	Organic	N-Nitrosodimethylamine	n/a	=	12	%	EPA 625	-88	-88	0	30	
2018/19-5	Lab	method blank	5/6/2019	Organic	N-Nitrosodimethylamine	n/a	<	0.14	µg/L	EPA 625	0.14	1			
2018/19-5	Lab	LCS dup	5/6/2019	Organic	N-Nitrosodimethylamine	n/a	=	7.55	µg/L	EPA 625	0.14	1			
2018/19-5	Lab	LCS dup, rec	5/6/2019	Organic	N-Nitrosodimethylamine	n/a	=	30	%	EPA 625	-88	-88	7	120	
2018/19-5	Lab	LCS, RPD	5/6/2019	Organic	N-Nitrosodimethylamine	n/a	=	13	%	EPA 625	-88	-88	0	30	
2018/19-5	Lab	LCS	5/7/2019	Organic	N-Nitrosodimethylamine	n/a	=	8.57	µg/L	EPA 625	0.14	1			
2018/19-5	Lab	LCS, rec	5/7/2019	Organic	N-Nitrosodimethylamine	n/a	=	34	%	EPA 625	-88	-88	7	120	
2018/19-5	Lab	method blank	5/24/2019	Organic	N-Nitrosodimethylamine	n/a	<	0.14	µg/L	EPA 625	0.14	1			
2018/19-5	Lab	LCS	5/24/2019	Organic	N-Nitrosodimethylamine	n/a	=	9.98	µg/L	EPA 625	0.14	1			
2018/19-5	Lab	LCS, rec	5/24/2019	Organic	N-Nitrosodimethylamine	n/a	=	40	%	EPA 625	-88	-88	7	120	
2018/19-5	Lab	LCS dup	5/24/2019	Organic	N-Nitrosodimethylamine	n/a	=	11.4	µg/L	EPA 625	0.14	1			
2018/19-5	Lab	LCS dup, rec	5/24/2019	Organic	N-Nitrosodimethylamine	n/a	=	45	%	EPA 625	-88	-88	7	120	
2018/19-5	Lab	LCS, RPD	5/24/2019	Organic	N-Nitrosodimethylamine	n/a	=	13	%	EPA 625	-88	-88	0	30	
2018/19-5	Lab	method blank	6/1/2019	Organic	N-Nitrosodimethylamine	n/a	<	0.14	µg/L	EPA 625	0.14	1			
2018/19-5	Lab	LCS dup	6/1/2019	Organic	N-Nitrosodimethylamine	n/a	=	11.1	µg/L	EPA 625	0.14	1			
2018/19-5	Lab	LCS dup, rec	6/1/2019	Organic	N-Nitrosodimethylamine	n/a	=	44	%	EPA 625	-88	-88	7	120	
2018/19-5	Lab	LCS, RPD	6/1/2019	Organic	N-Nitrosodimethylamine	n/a	=	18	%	EPA 625	-88	-88	0	30	
2018/19-5	Lab	LCS	6/1/2019	Organic	N-Nitrosodimethylamine	n/a	=	13.3	µg/L	EPA 625	0.14	1			
2018/19-5	Lab	LCS, rec	6/1/2019	Organic	N-Nitrosodimethylamine	n/a	=	53	%	EPA 625	-88	-88	7	120	
2018/19-5	Lab	method blank	6/3/2019	Organic	N-Nitrosodimethylamine	n/a	<	0.14	µg/L	EPA 625	0.14	1			
2018/19-5	Lab	LCS	6/3/2019	Organic	N-Nitrosodimethylamine	n/a	=	11.6	µg/L	EPA 625	0.14	1			
2018/19-5	Lab	LCS, rec	6/3/2019	Organic	N-Nitrosodimethylamine	n/a	=	47	%	EPA 625	-88	-88	7	120	
2018/19-5	Lab	method blank	6/6/2019	Organic	N-Nitrosodimethylamine	n/a	<	0.14	µg/L	EPA 625	0.14	1			
2018/19-5	Lab	LCS	6/6/2019	Organic	N-Nitrosodimethylamine	n/a	=	10.4	µg/L	EPA 625	0.14	1			
2018/19-5	Lab	LCS, rec	6/6/2019	Organic	N-Nitrosodimethylamine	n/a	=	42	%	EPA 625	-88	-88	7	120	
2018/19-5	000NONPJ	matrix spike	5/7/2019	Organic	N-Nitrosodi-N-propylamine	n/a	=	11.9	µg/L	EPA 625	0.26	1			
2018/19-5	000NONPJ	matrix spike, rec	5/7/2019	Organic	N-Nitrosodi-N-propylamine	n/a	=	48	%	EPA 625	-88	-88	45	130	
2018/19-5	000NONPJ	matrix spike dup	5/7/2019	Organic	N-Nitrosodi-N-propylamine	n/a	=	13.4	µg/L	EPA 625	0.26	1			
2018/19-5	000NONPJ	matrix spike dup, rec	5/7/2019	Organic	N-Nitrosodi-N-propylamine	n/a	=	54	%	EPA 625	-88	-88	45	130	
2018/19-5	000NONPJ	matrix spike, RPD	5/7/2019	Organic	N-Nitrosodi-N-propylamine	n/a	=	12	%	EPA 625	-88	-88	0	30	

Appendix F
Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2018/19-5	000NONPJ	matrix spike	6/6/2019	Organic	N-Nitrosodi-N-propylamine	n/a	=	15.7	µg/L	EPA 625	2.6	10			
2018/19-5	000NONPJ	matrix spike, rec	6/6/2019	Organic	N-Nitrosodi-N-propylamine	n/a	=	63	%	EPA 625	-88	-88	45	130	
2018/19-5	000NONPJ	matrix spike dup	6/6/2019	Organic	N-Nitrosodi-N-propylamine	n/a	=	15.6	µg/L	EPA 625	2.6	10			
2018/19-5	000NONPJ	matrix spike dup, rec	6/6/2019	Organic	N-Nitrosodi-N-propylamine	n/a	=	63	%	EPA 625	-88	-88	45	130	
2018/19-5	000NONPJ	matrix spike, RPD	6/6/2019	Organic	N-Nitrosodi-N-propylamine	n/a	=	0.4	%	EPA 625	-88	-88	0	30	
2018/19-5	Lab	method blank	5/6/2019	Organic	N-Nitrosodi-N-propylamine	n/a	<	0.26	µg/L	EPA 625	0.26	1			
2018/19-5	Lab	LCS dup	5/6/2019	Organic	N-Nitrosodi-N-propylamine	n/a	=	12.9	µg/L	EPA 625	0.26	1			
2018/19-5	Lab	LCS dup, rec	5/6/2019	Organic	N-Nitrosodi-N-propylamine	n/a	=	52	%	EPA 625	-88	-88	37	130	
2018/19-5	Lab	LCS, RPD	5/6/2019	Organic	N-Nitrosodi-N-propylamine	n/a	=	24	%	EPA 625	-88	-88	0	30	
2018/19-5	Lab	LCS	5/7/2019	Organic	N-Nitrosodi-N-propylamine	n/a	=	16.5	µg/L	EPA 625	0.26	1			
2018/19-5	Lab	LCS, rec	5/7/2019	Organic	N-Nitrosodi-N-propylamine	n/a	=	66	%	EPA 625	-88	-88	37	130	
2018/19-5	Lab	method blank	5/24/2019	Organic	N-Nitrosodi-N-propylamine	n/a	<	0.26	µg/L	EPA 625	0.26	1			
2018/19-5	Lab	LCS	5/24/2019	Organic	N-Nitrosodi-N-propylamine	n/a	=	17.2	µg/L	EPA 625	0.26	1			
2018/19-5	Lab	LCS, rec	5/24/2019	Organic	N-Nitrosodi-N-propylamine	n/a	=	69	%	EPA 625	-88	-88	37	130	
2018/19-5	Lab	LCS dup	5/24/2019	Organic	N-Nitrosodi-N-propylamine	n/a	=	19.4	µg/L	EPA 625	0.26	1			
2018/19-5	Lab	LCS dup, rec	5/24/2019	Organic	N-Nitrosodi-N-propylamine	n/a	=	78	%	EPA 625	-88	-88	37	130	
2018/19-5	Lab	LCS, RPD	5/24/2019	Organic	N-Nitrosodi-N-propylamine	n/a	=	12	%	EPA 625	-88	-88	0	30	
2018/19-5	Lab	method blank	6/1/2019	Organic	N-Nitrosodi-N-propylamine	n/a	<	0.26	µg/L	EPA 625	0.26	1			
2018/19-5	Lab	LCS dup	6/1/2019	Organic	N-Nitrosodi-N-propylamine	n/a	=	15.5	µg/L	EPA 625	0.26	1			
2018/19-5	Lab	LCS dup, rec	6/1/2019	Organic	N-Nitrosodi-N-propylamine	n/a	=	62	%	EPA 625	-88	-88	37	130	
2018/19-5	Lab	LCS, RPD	6/1/2019	Organic	N-Nitrosodi-N-propylamine	n/a	=	23	%	EPA 625	-88	-88	0	30	
2018/19-5	Lab	LCS	6/1/2019	Organic	N-Nitrosodi-N-propylamine	n/a	=	19.5	µg/L	EPA 625	0.26	1			
2018/19-5	Lab	LCS, rec	6/1/2019	Organic	N-Nitrosodi-N-propylamine	n/a	=	78	%	EPA 625	-88	-88	37	130	
2018/19-5	Lab	method blank	6/3/2019	Organic	N-Nitrosodi-N-propylamine	n/a	<	0.26	µg/L	EPA 625	0.26	1			
2018/19-5	Lab	LCS	6/3/2019	Organic	N-Nitrosodi-N-propylamine	n/a	=	16.3	µg/L	EPA 625	0.26	1			
2018/19-5	Lab	LCS, rec	6/3/2019	Organic	N-Nitrosodi-N-propylamine	n/a	=	65	%	EPA 625	-88	-88	37	130	
2018/19-5	Lab	method blank	6/6/2019	Organic	N-Nitrosodi-N-propylamine	n/a	<	0.26	µg/L	EPA 625	0.26	1			
2018/19-5	Lab	LCS	6/6/2019	Organic	N-Nitrosodi-N-propylamine	n/a	=	16.1	µg/L	EPA 625	0.26	1			
2018/19-5	Lab	LCS, rec	6/6/2019	Organic	N-Nitrosodi-N-propylamine	n/a	=	64	%	EPA 625	-88	-88	37	130	
2018/19-5	000NONPJ	matrix spike	5/7/2019	Organic	N-Nitrosodiphenylamine	n/a	=	2.44	µg/L	EPA 625	0.19	1			GB
2018/19-5	000NONPJ	matrix spike, rec	5/7/2019	Organic	N-Nitrosodiphenylamine	n/a	=	10	%	EPA 625	-88	-88	49	120	GB
2018/19-5	000NONPJ	matrix spike dup	5/7/2019	Organic	N-Nitrosodiphenylamine	n/a	=	2.62	µg/L	EPA 625	0.19	1			GB
2018/19-5	000NONPJ	matrix spike dup, rec	5/7/2019	Organic	N-Nitrosodiphenylamine	n/a	=	10	%	EPA 625	-88	-88	49	120	GB
2018/19-5	000NONPJ	matrix spike, RPD	5/7/2019	Organic	N-Nitrosodiphenylamine	n/a	=	7	%	EPA 625	-88	-88	0	30	GB
2018/19-5	000NONPJ	matrix spike	6/6/2019	Organic	N-Nitrosodiphenylamine	n/a	<	1.9	µg/L	EPA 625	1.9	10			GB
2018/19-5	000NONPJ	matrix spike, rec	6/6/2019	Organic	N-Nitrosodiphenylamine	n/a	=	0	%	EPA 625	-88	-88	49	120	GB
2018/19-5	000NONPJ	matrix spike dup	6/6/2019	Organic	N-Nitrosodiphenylamine	n/a	<	1.9	µg/L	EPA 625	1.9	10			GB
2018/19-5	000NONPJ	matrix spike dup, rec	6/6/2019	Organic	N-Nitrosodiphenylamine	n/a	=	0	%	EPA 625	-88	-88	49	120	GB
2018/19-5	000NONPJ	matrix spike, RPD	6/6/2019	Organic	N-Nitrosodiphenylamine	n/a	=	0	%	EPA 625	-88	-88	0	30	GB
2018/19-5	Lab	method blank	5/6/2019	Organic	N-Nitrosodiphenylamine	n/a	<	0.19	µg/L	EPA 625	0.19	1			
2018/19-5	Lab	LCS dup	5/6/2019	Organic	N-Nitrosodiphenylamine	n/a	=	15.1	µg/L	EPA 625	0.19	1			
2018/19-5	Lab	LCS dup, rec	5/6/2019	Organic	N-Nitrosodiphenylamine	n/a	=	60	%	EPA 625	-88	-88	42	120	
2018/19-5	Lab	LCS, RPD	5/6/2019	Organic	N-Nitrosodiphenylamine	n/a	=	13	%	EPA 625	-88	-88	0	30	
2018/19-5	Lab	LCS	5/7/2019	Organic	N-Nitrosodiphenylamine	n/a	=	17.2	µg/L	EPA 625	0.19	1			
2018/19-5	Lab	LCS, rec	5/7/2019	Organic	N-Nitrosodiphenylamine	n/a	=	69	%	EPA 625	-88	-88	42	120	
2018/19-5	Lab	method blank	5/24/2019	Organic	N-Nitrosodiphenylamine	n/a	<	0.19	µg/L	EPA 625	0.19	1			
2018/19-5	Lab	LCS	5/24/2019	Organic	N-Nitrosodiphenylamine	n/a	=	18.3	µg/L	EPA 625	0.19	1			

Appendix F
Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2018/19-5	Lab	LCS, rec	5/24/2019	Organic	N-Nitrosodiphenylamine	n/a	=	73	%	EPA 625	-88	-88	42	120	
2018/19-5	Lab	LCS dup	5/24/2019	Organic	N-Nitrosodiphenylamine	n/a	=	18.6	µg/L	EPA 625	0.19	1			
2018/19-5	Lab	LCS dup, rec	5/24/2019	Organic	N-Nitrosodiphenylamine	n/a	=	75	%	EPA 625	-88	-88	42	120	
2018/19-5	Lab	LCS, RPD	5/24/2019	Organic	N-Nitrosodiphenylamine	n/a	=	2	%	EPA 625	-88	-88	0	30	
2018/19-5	Lab	method blank	6/1/2019	Organic	N-Nitrosodiphenylamine	n/a	<	0.19	µg/L	EPA 625	0.19	1			
2018/19-5	Lab	LCS dup	6/1/2019	Organic	N-Nitrosodiphenylamine	n/a	=	17.2	µg/L	EPA 625	0.19	1			
2018/19-5	Lab	LCS dup, rec	6/1/2019	Organic	N-Nitrosodiphenylamine	n/a	=	69	%	EPA 625	-88	-88	42	120	
2018/19-5	Lab	LCS, RPD	6/1/2019	Organic	N-Nitrosodiphenylamine	n/a	=	10	%	EPA 625	-88	-88	0	30	
2018/19-5	Lab	LCS	6/1/2019	Organic	N-Nitrosodiphenylamine	n/a	=	19	µg/L	EPA 625	0.19	1			
2018/19-5	Lab	LCS, rec	6/1/2019	Organic	N-Nitrosodiphenylamine	n/a	=	76	%	EPA 625	-88	-88	42	120	
2018/19-5	Lab	method blank	6/3/2019	Organic	N-Nitrosodiphenylamine	n/a	<	0.19	µg/L	EPA 625	0.19	1			
2018/19-5	Lab	LCS	6/3/2019	Organic	N-Nitrosodiphenylamine	n/a	=	15	µg/L	EPA 625	0.19	1			
2018/19-5	Lab	LCS, rec	6/3/2019	Organic	N-Nitrosodiphenylamine	n/a	=	60	%	EPA 625	-88	-88	42	120	
2018/19-5	Lab	method blank	6/6/2019	Organic	N-Nitrosodiphenylamine	n/a	<	0.19	µg/L	EPA 625	0.19	1			
2018/19-5	Lab	LCS	6/6/2019	Organic	N-Nitrosodiphenylamine	n/a	=	14.9	µg/L	EPA 625	0.19	1			
2018/19-5	Lab	LCS, rec	6/6/2019	Organic	N-Nitrosodiphenylamine	n/a	=	59	%	EPA 625	-88	-88	42	120	
2018/19-5	000NONPJ	srgt matrix spike	5/6/2019	Organic	Perylene-d12	n/a	=	4.58	µg/L	EPA 525.2	-88	-88			
2018/19-5	000NONPJ	srgt matrix spike, rec	5/6/2019	Organic	Perylene-d12	n/a	=	92	%	EPA 525.2	-88	-88	50	120	
2018/19-5	000NONPJ	srgt matrix spike dup	5/6/2019	Organic	Perylene-d12	n/a	=	4.18	µg/L	EPA 525.2	-88	-88			
2018/19-5	000NONPJ	srgt matrix spike dup, rec	5/6/2019	Organic	Perylene-d12	n/a	=	84	%	EPA 525.2	-88	-88	50	120	
2018/19-5	000NONPJ	srgt matrix spike	5/14/2019	Organic	Perylene-d12	n/a	=	5.08	µg/L	EPA 525.2	-88	-88			
2018/19-5	000NONPJ	srgt matrix spike, rec	5/14/2019	Organic	Perylene-d12	n/a	=	102	%	EPA 525.2	-88	-88	50	120	
2018/19-5	000NONPJ	srgt matrix spike dup	5/14/2019	Organic	Perylene-d12	n/a	=	5.29	µg/L	EPA 525.2	-88	-88			
2018/19-5	000NONPJ	srgt matrix spike dup, rec	5/14/2019	Organic	Perylene-d12	n/a	=	106	%	EPA 525.2	-88	-88	50	120	
2018/19-5	Lab	srgt method blank	5/6/2019	Organic	Perylene-d12	n/a	=	4.59	µg/L	EPA 525.2	-88	-88			
2018/19-5	Lab	srgt method blank, rec	5/6/2019	Organic	Perylene-d12	n/a	=	92	%	EPA 525.2	-88	-88	50	120	
2018/19-5	Lab	srgt LCS	5/6/2019	Organic	Perylene-d12	n/a	=	5.19	µg/L	EPA 525.2	-88	-88			
2018/19-5	Lab	srgt LCS, rec	5/6/2019	Organic	Perylene-d12	n/a	=	104	%	EPA 525.2	-88	-88	50	120	
2018/19-5	Lab	srgt LCS	5/14/2019	Organic	Perylene-d12	n/a	=	5.34	µg/L	EPA 525.2	-88	-88			
2018/19-5	Lab	srgt LCS, rec	5/14/2019	Organic	Perylene-d12	n/a	=	107	%	EPA 525.2	-88	-88	50	120	
2018/19-5	Lab	srgt LCS dup	5/14/2019	Organic	Perylene-d12	n/a	=	5.34	µg/L	EPA 525.2	-88	-88			
2018/19-5	Lab	srgt LCS dup, rec	5/14/2019	Organic	Perylene-d12	n/a	=	107	%	EPA 525.2	-88	-88	50	120	
2018/19-5	Lab	srgt method blank	5/15/2019	Organic	Perylene-d12	n/a	=	4.48	µg/L	EPA 525.2	-88	-88			
2018/19-5	Lab	srgt method blank, rec	5/15/2019	Organic	Perylene-d12	n/a	=	90	%	EPA 525.2	-88	-88	50	120	
2018/19-5	Lab	srgt method blank	5/16/2019	Organic	Perylene-d12	n/a	=	4.67	µg/L	EPA 525.2	-88	-88			
2018/19-5	Lab	srgt method blank, rec	5/16/2019	Organic	Perylene-d12	n/a	=	93	%	EPA 525.2	-88	-88	50	120	
2018/19-5	Lab	srgt LCS	5/16/2019	Organic	Perylene-d12	n/a	=	5.11	µg/L	EPA 525.2	-88	-88			
2018/19-5	Lab	srgt LCS, rec	5/16/2019	Organic	Perylene-d12	n/a	=	102	%	EPA 525.2	-88	-88	50	120	
2018/19-5	Lab	srgt LCS dup	5/16/2019	Organic	Perylene-d12	n/a	=	4.99	µg/L	EPA 525.2	-88	-88			
2018/19-5	Lab	srgt LCS dup, rec	5/16/2019	Organic	Perylene-d12	n/a	=	100	%	EPA 525.2	-88	-88	50	120	
2018/19-5	ME-CC	srgt environ	5/17/2019	Organic	Perylene-d12	n/a	=	20.1	µg/L	EPA 525.2	-88	-88			
2018/19-5	ME-CC	srgt environ, rec	5/17/2019	Organic	Perylene-d12	n/a	=	81	%	EPA 525.2	-88	-88	50	120	
2018/19-5	ME-SCR	srgt environ	5/6/2019	Organic	Perylene-d12	n/a	=	13.2	µg/L	EPA 525.2	-88	-88			
2018/19-5	ME-SCR	srgt environ, rec	5/6/2019	Organic	Perylene-d12	n/a	=	53	%	EPA 525.2	-88	-88	50	120	
2018/19-5	ME-VR2	srgt environ	5/15/2019	Organic	Perylene-d12	n/a	=	4.2	µg/L	EPA 525.2	-88	-88			
2018/19-5	ME-VR2	srgt environ, rec	5/15/2019	Organic	Perylene-d12	n/a	=	84	%	EPA 525.2	-88	-88	50	120	
2018/19-5	MO-CAM	srgt environ	5/17/2019	Organic	Perylene-d12	n/a	=	4.53	µg/L	EPA 525.2	-88	-88			

Appendix F
Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2018/19-5	MO-CAM	srgt environ, rec	5/17/2019	Organic	Perylene-d12	n/a	=	91	%	EPA 525.2	-88	-88	50	120	
2018/19-5	MO-FIL	srgt environ	5/6/2019	Organic	Perylene-d12	n/a	=	4.96	µg/L	EPA 525.2	-88	-88			
2018/19-5	MO-FIL	srgt environ, rec	5/6/2019	Organic	Perylene-d12	n/a	=	99	%	EPA 525.2	-88	-88	50	120	
2018/19-5	MO-HUE	srgt environ	5/15/2019	Organic	Perylene-d12	n/a	=	1.49	µg/L	EPA 525.2	-88	-88			GN
2018/19-5	MO-HUE	srgt environ, rec	5/15/2019	Organic	Perylene-d12	n/a	=	30	%	EPA 525.2	-88	-88	50	120	GN
2018/19-5	MO-MPK	srgt environ	5/17/2019	Organic	Perylene-d12	n/a	=	4.59	µg/L	EPA 525.2	-88	-88			
2018/19-5	MO-MPK	srgt environ, rec	5/17/2019	Organic	Perylene-d12	n/a	=	92	%	EPA 525.2	-88	-88	50	120	
2018/19-5	MO-OJA	srgt environ	5/15/2019	Organic	Perylene-d12	n/a	=	4.31	µg/L	EPA 525.2	-88	-88			
2018/19-5	MO-OJA	srgt environ, rec	5/15/2019	Organic	Perylene-d12	n/a	=	86	%	EPA 525.2	-88	-88	50	120	
2018/19-5	MO-SIM	srgt environ	5/16/2019	Organic	Perylene-d12	n/a	=	4.64	µg/L	EPA 525.2	-88	-88			
2018/19-5	MO-SIM	srgt environ, rec	5/16/2019	Organic	Perylene-d12	n/a	=	93	%	EPA 525.2	-88	-88	50	120	
2018/19-5	MO-THO	srgt environ	5/17/2019	Organic	Perylene-d12	n/a	=	5.38	µg/L	EPA 525.2	-88	-88			
2018/19-5	MO-THO	srgt environ, rec	5/17/2019	Organic	Perylene-d12	n/a	=	108	%	EPA 525.2	-88	-88	50	120	
2018/19-5	MO-VEN	srgt environ	5/6/2019	Organic	Perylene-d12	n/a	=	3.32	µg/L	EPA 525.2	-88	-88			
2018/19-5	MO-VEN	srgt environ, rec	5/6/2019	Organic	Perylene-d12	n/a	=	66	%	EPA 525.2	-88	-88	50	120	
2018/19-5	000NONPJ	matrix spike	5/7/2019	Organic	Phenanthrene	n/a	=	14.2	µg/L	EPA 625	0.32	1			
2018/19-5	000NONPJ	matrix spike, rec	5/7/2019	Organic	Phenanthrene	n/a	=	57	%	EPA 625	-88	-88	54	130	
2018/19-5	000NONPJ	matrix spike dup	5/7/2019	Organic	Phenanthrene	n/a	=	16.7	µg/L	EPA 625	0.32	1			
2018/19-5	000NONPJ	matrix spike dup, rec	5/7/2019	Organic	Phenanthrene	n/a	=	67	%	EPA 625	-88	-88	54	130	
2018/19-5	000NONPJ	matrix spike, RPD	5/7/2019	Organic	Phenanthrene	n/a	=	16	%	EPA 625	-88	-88	0	30	
2018/19-5	000NONPJ	matrix spike	6/6/2019	Organic	Phenanthrene	n/a	=	19.3	µg/L	EPA 625	3.2	10			
2018/19-5	000NONPJ	matrix spike, rec	6/6/2019	Organic	Phenanthrene	n/a	=	77	%	EPA 625	-88	-88	54	130	
2018/19-5	000NONPJ	matrix spike dup	6/6/2019	Organic	Phenanthrene	n/a	=	19.6	µg/L	EPA 625	3.2	10			
2018/19-5	000NONPJ	matrix spike dup, rec	6/6/2019	Organic	Phenanthrene	n/a	=	79	%	EPA 625	-88	-88	54	130	
2018/19-5	000NONPJ	matrix spike, RPD	6/6/2019	Organic	Phenanthrene	n/a	=	2	%	EPA 625	-88	-88	0	30	
2018/19-5	Lab	method blank	5/6/2019	Organic	Phenanthrene	n/a	<	0.32	µg/L	EPA 625	0.32	1			
2018/19-5	Lab	LCS dup	5/6/2019	Organic	Phenanthrene	n/a	=	20.1	µg/L	EPA 625	0.32	1			
2018/19-5	Lab	LCS dup, rec	5/6/2019	Organic	Phenanthrene	n/a	=	81	%	EPA 625	-88	-88	54	130	
2018/19-5	Lab	LCS, RPD	5/6/2019	Organic	Phenanthrene	n/a	=	9	%	EPA 625	-88	-88	0	30	
2018/19-5	Lab	LCS	5/7/2019	Organic	Phenanthrene	n/a	=	22	µg/L	EPA 625	0.32	1			
2018/19-5	Lab	LCS, rec	5/7/2019	Organic	Phenanthrene	n/a	=	88	%	EPA 625	-88	-88	54	130	
2018/19-5	Lab	method blank	5/24/2019	Organic	Phenanthrene	n/a	<	0.32	µg/L	EPA 625	0.32	1			
2018/19-5	Lab	LCS	5/24/2019	Organic	Phenanthrene	n/a	=	24.1	µg/L	EPA 625	0.32	1			
2018/19-5	Lab	LCS, rec	5/24/2019	Organic	Phenanthrene	n/a	=	97	%	EPA 625	-88	-88	54	130	
2018/19-5	Lab	LCS dup	5/24/2019	Organic	Phenanthrene	n/a	=	24.8	µg/L	EPA 625	0.32	1			
2018/19-5	Lab	LCS dup, rec	5/24/2019	Organic	Phenanthrene	n/a	=	99	%	EPA 625	-88	-88	54	130	
2018/19-5	Lab	LCS, RPD	5/24/2019	Organic	Phenanthrene	n/a	=	3	%	EPA 625	-88	-88	0	30	
2018/19-5	Lab	method blank	6/1/2019	Organic	Phenanthrene	n/a	<	0.32	µg/L	EPA 625	0.32	1			
2018/19-5	Lab	LCS dup	6/1/2019	Organic	Phenanthrene	n/a	=	20.3	µg/L	EPA 625	0.32	1			
2018/19-5	Lab	LCS dup, rec	6/1/2019	Organic	Phenanthrene	n/a	=	81	%	EPA 625	-88	-88	54	130	
2018/19-5	Lab	LCS, RPD	6/1/2019	Organic	Phenanthrene	n/a	=	7	%	EPA 625	-88	-88	0	30	
2018/19-5	Lab	LCS	6/1/2019	Organic	Phenanthrene	n/a	=	21.9	µg/L	EPA 625	0.32	1			
2018/19-5	Lab	LCS, rec	6/1/2019	Organic	Phenanthrene	n/a	=	88	%	EPA 625	-88	-88	54	130	
2018/19-5	Lab	method blank	6/3/2019	Organic	Phenanthrene	n/a	<	0.32	µg/L	EPA 625	0.32	1			
2018/19-5	Lab	LCS	6/3/2019	Organic	Phenanthrene	n/a	=	20.7	µg/L	EPA 625	0.32	1			
2018/19-5	Lab	LCS, rec	6/3/2019	Organic	Phenanthrene	n/a	=	83	%	EPA 625	-88	-88	54	130	
2018/19-5	Lab	method blank	6/6/2019	Organic	Phenanthrene	n/a	<	0.32	µg/L	EPA 625	0.32	1			

Appendix F
Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2018/19-5	Lab	LCS	6/6/2019	Organic	Phenanthrene	n/a	=	21.1	µg/L	EPA 625	0.32	1			
2018/19-5	Lab	LCS, rec	6/6/2019	Organic	Phenanthrene	n/a	=	84	%	EPA 625	-88	-88	54	130	
2018/19-5	Lab	method blank	6/7/2019	Organic	Phenanthrene	n/a	<	0.1	µg/L	EPA 8270C	0.1	0.1			
2018/19-5	Lab	LCS	6/7/2019	Organic	Phenanthrene	n/a	=	8.76	µg/L	EPA 8270C	0.1	0.1			
2018/19-5	Lab	LCS, rec	6/7/2019	Organic	Phenanthrene	n/a	=	88	%	EPA 8270C	-88	-88	21	131	
2018/19-5	Lab	LCS dup	6/8/2019	Organic	Phenanthrene	n/a	=	7.84	µg/L	EPA 8270C	0.1	0.1			
2018/19-5	Lab	LCS dup, rec	6/8/2019	Organic	Phenanthrene	n/a	=	78	%	EPA 8270C	-88	-88	21	131	
2018/19-5	Lab	LCS, RPD	6/8/2019	Organic	Phenanthrene	n/a	=	11	%	EPA 8270C	-88	-88	0	30	
2018/19-5	Lab	method blank	6/8/2019	Organic	Phenanthrene	n/a	<	0.1	µg/L	EPA 8270C	0.1	0.1			
2018/19-5	Lab	LCS	6/8/2019	Organic	Phenanthrene	n/a	=	8.2	µg/L	EPA 8270C	0.1	0.1			
2018/19-5	Lab	LCS, rec	6/8/2019	Organic	Phenanthrene	n/a	=	82	%	EPA 8270C	-88	-88	21	131	
2018/19-5	Lab	LCS dup	6/8/2019	Organic	Phenanthrene	n/a	=	8.46	µg/L	EPA 8270C	0.1	0.1			
2018/19-5	Lab	LCS dup, rec	6/8/2019	Organic	Phenanthrene	n/a	=	85	%	EPA 8270C	-88	-88	21	131	
2018/19-5	Lab	LCS, RPD	6/8/2019	Organic	Phenanthrene	n/a	=	3	%	EPA 8270C	-88	-88	0	30	
2018/19-5	000NONPJ	matrix spike	5/7/2019	Organic	Phenol	n/a	=	3.74	µg/L	EPA 625	0.16	1			
2018/19-5	000NONPJ	matrix spike, rec	5/7/2019	Organic	Phenol	n/a	=	15	%	EPA 625	-88	-88	5	120	
2018/19-5	000NONPJ	matrix spike dup	5/7/2019	Organic	Phenol	n/a	=	4.22	µg/L	EPA 625	0.16	1			
2018/19-5	000NONPJ	matrix spike dup, rec	5/7/2019	Organic	Phenol	n/a	=	17	%	EPA 625	-88	-88	5	120	
2018/19-5	000NONPJ	matrix spike, RPD	5/7/2019	Organic	Phenol	n/a	=	12	%	EPA 625	-88	-88	0	30	
2018/19-5	000NONPJ	matrix spike	6/6/2019	Organic	Phenol	n/a	DNQ	2.91	µg/L	EPA 625	1.6	10			
2018/19-5	000NONPJ	matrix spike, rec	6/6/2019	Organic	Phenol	n/a	=	12	%	EPA 625	-88	-88	5	120	
2018/19-5	000NONPJ	matrix spike dup	6/6/2019	Organic	Phenol	n/a	DNQ	3.44	µg/L	EPA 625	1.6	10			
2018/19-5	000NONPJ	matrix spike dup, rec	6/6/2019	Organic	Phenol	n/a	=	14	%	EPA 625	-88	-88	5	120	
2018/19-5	000NONPJ	matrix spike, RPD	6/6/2019	Organic	Phenol	n/a	=	16	%	EPA 625	-88	-88	0	30	
2018/19-5	Lab	method blank	5/6/2019	Organic	Phenol	n/a	<	0.16	µg/L	EPA 625	0.16	1			
2018/19-5	Lab	LCS dup	5/6/2019	Organic	Phenol	n/a	=	4.9	µg/L	EPA 625	0.16	1			
2018/19-5	Lab	LCS dup, rec	5/6/2019	Organic	Phenol	n/a	=	20	%	EPA 625	-88	-88	17	100	
2018/19-5	Lab	LCS, RPD	5/6/2019	Organic	Phenol	n/a	=	22	%	EPA 625	-88	-88	0	30	
2018/19-5	Lab	LCS	5/7/2019	Organic	Phenol	n/a	=	6.1	µg/L	EPA 625	0.16	1			
2018/19-5	Lab	LCS, rec	5/7/2019	Organic	Phenol	n/a	=	24	%	EPA 625	-88	-88	17	100	
2018/19-5	Lab	method blank	5/21/2019	Organic	Phenol	n/a	<	0.35	µg/L	EPA 8270C	0.35	1			
2018/19-5	Lab	LCS	5/21/2019	Organic	Phenol	n/a	=	2.45	µg/L	EPA 8270C	0.35	1			
2018/19-5	Lab	LCS, rec	5/21/2019	Organic	Phenol	n/a	=	25	%	EPA 8270C	-88	-88	6	43	
2018/19-5	Lab	LCS dup	5/21/2019	Organic	Phenol	n/a	=	2.22	µg/L	EPA 8270C	0.35	1			
2018/19-5	Lab	LCS dup, rec	5/21/2019	Organic	Phenol	n/a	=	22	%	EPA 8270C	-88	-88	6	43	
2018/19-5	Lab	LCS, RPD	5/21/2019	Organic	Phenol	n/a	=	10	%	EPA 8270C	-88	-88	0	30	
2018/19-5	Lab	method blank	5/22/2019	Organic	Phenol	n/a	<	0.35	µg/L	EPA 8270C	0.35	1			
2018/19-5	Lab	LCS	5/22/2019	Organic	Phenol	n/a	=	2.65	µg/L	EPA 8270C	0.35	1			
2018/19-5	Lab	LCS, rec	5/22/2019	Organic	Phenol	n/a	=	26	%	EPA 8270C	-88	-88	6	43	
2018/19-5	Lab	LCS dup	5/22/2019	Organic	Phenol	n/a	=	2.32	µg/L	EPA 8270C	0.35	1			
2018/19-5	Lab	LCS dup, rec	5/22/2019	Organic	Phenol	n/a	=	23	%	EPA 8270C	-88	-88	6	43	
2018/19-5	Lab	LCS, RPD	5/22/2019	Organic	Phenol	n/a	=	13	%	EPA 8270C	-88	-88	0	30	
2018/19-5	Lab	method blank	5/24/2019	Organic	Phenol	n/a	<	0.16	µg/L	EPA 625	0.16	1			
2018/19-5	Lab	LCS	5/24/2019	Organic	Phenol	n/a	=	6.72	µg/L	EPA 625	0.16	1			
2018/19-5	Lab	LCS, rec	5/24/2019	Organic	Phenol	n/a	=	27	%	EPA 625	-88	-88	17	100	
2018/19-5	Lab	LCS dup	5/24/2019	Organic	Phenol	n/a	=	7.6	µg/L	EPA 625	0.16	1			
2018/19-5	Lab	LCS dup, rec	5/24/2019	Organic	Phenol	n/a	=	30	%	EPA 625	-88	-88	17	100	

Appendix F
Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2018/19-5	Lab	LCS, RPD	5/24/2019	Organic	Phenol	n/a	=	12	%	EPA 625	-88	-88	0	30	
2018/19-5	Lab	method blank	6/1/2019	Organic	Phenol	n/a	<	0.16	µg/L	EPA 625	0.16	1			
2018/19-5	Lab	LCS dup	6/1/2019	Organic	Phenol	n/a	=	6.54	µg/L	EPA 625	0.16	1			
2018/19-5	Lab	LCS dup, rec	6/1/2019	Organic	Phenol	n/a	=	26	%	EPA 625	-88	-88	17	100	
2018/19-5	Lab	LCS, RPD	6/1/2019	Organic	Phenol	n/a	=	20	%	EPA 625	-88	-88	0	30	
2018/19-5	Lab	LCS	6/1/2019	Organic	Phenol	n/a	=	7.99	µg/L	EPA 625	0.16	1			
2018/19-5	Lab	LCS, rec	6/1/2019	Organic	Phenol	n/a	=	32	%	EPA 625	-88	-88	17	100	
2018/19-5	Lab	method blank	6/3/2019	Organic	Phenol	n/a	<	0.16	µg/L	EPA 625	0.16	1			
2018/19-5	Lab	LCS	6/3/2019	Organic	Phenol	n/a	=	6.48	µg/L	EPA 625	0.16	1			
2018/19-5	Lab	LCS, rec	6/3/2019	Organic	Phenol	n/a	=	26	%	EPA 625	-88	-88	17	100	
2018/19-5	Lab	method blank	6/6/2019	Organic	Phenol	n/a	<	0.16	µg/L	EPA 625	0.16	1			
2018/19-5	Lab	LCS	6/6/2019	Organic	Phenol	n/a	=	6.33	µg/L	EPA 625	0.16	1			
2018/19-5	Lab	LCS, rec	6/6/2019	Organic	Phenol	n/a	=	25	%	EPA 625	-88	-88	17	100	
2018/19-5	000NONPJ	srgt matrix spike	5/7/2019	Organic	Phenol-d5	n/a	=	7.78	µg/L	EPA 625	-88	-88			
2018/19-5	000NONPJ	srgt matrix spike, rec	5/7/2019	Organic	Phenol-d5	n/a	=	16	%	EPA 625	-88	-88	15	100	
2018/19-5	000NONPJ	srgt matrix spike dup	5/7/2019	Organic	Phenol-d5	n/a	=	8.55	µg/L	EPA 625	-88	-88			
2018/19-5	000NONPJ	srgt matrix spike dup, rec	5/7/2019	Organic	Phenol-d5	n/a	=	17	%	EPA 625	-88	-88	15	100	
2018/19-5	000NONPJ	srgt matrix spike	6/6/2019	Organic	Phenol-d5	n/a	=	6.43	µg/L	EPA 625	-88	-88			GN
2018/19-5	000NONPJ	srgt matrix spike, rec	6/6/2019	Organic	Phenol-d5	n/a	=	13	%	EPA 625	-88	-88	15	100	GN
2018/19-5	000NONPJ	srgt matrix spike dup	6/6/2019	Organic	Phenol-d5	n/a	=	7.22	µg/L	EPA 625	-88	-88			GN
2018/19-5	000NONPJ	srgt matrix spike dup, rec	6/6/2019	Organic	Phenol-d5	n/a	=	14	%	EPA 625	-88	-88	15	100	GN
2018/19-5	Lab	srgt method blank	5/6/2019	Organic	Phenol-d5	n/a	=	11.4	µg/L	EPA 625	-88	-88			
2018/19-5	Lab	srgt method blank, rec	5/6/2019	Organic	Phenol-d5	n/a	=	23	%	EPA 625	-88	-88	15	100	
2018/19-5	Lab	srgt LCS dup	5/6/2019	Organic	Phenol-d5	n/a	=	10.3	µg/L	EPA 625	-88	-88			
2018/19-5	Lab	srgt LCS dup, rec	5/6/2019	Organic	Phenol-d5	n/a	=	21	%	EPA 625	-88	-88	15	100	
2018/19-5	Lab	srgt LCS	5/7/2019	Organic	Phenol-d5	n/a	=	12.7	µg/L	EPA 625	-88	-88			
2018/19-5	Lab	srgt LCS, rec	5/7/2019	Organic	Phenol-d5	n/a	=	25	%	EPA 625	-88	-88	15	100	
2018/19-5	Lab	srgt method blank	5/21/2019	Organic	Phenol-d5	n/a	=	2.13	µg/L	EPA 8270C	-88	-88			
2018/19-5	Lab	srgt method blank, rec	5/21/2019	Organic	Phenol-d5	n/a	=	21	%	EPA 8270C	-88	-88	5	46	
2018/19-5	Lab	srgt LCS	5/21/2019	Organic	Phenol-d5	n/a	=	2.37	µg/L	EPA 8270C	-88	-88			
2018/19-5	Lab	srgt LCS, rec	5/21/2019	Organic	Phenol-d5	n/a	=	24	%	EPA 8270C	-88	-88	5	46	
2018/19-5	Lab	srgt LCS dup	5/21/2019	Organic	Phenol-d5	n/a	=	2.13	µg/L	EPA 8270C	-88	-88			
2018/19-5	Lab	srgt LCS dup, rec	5/21/2019	Organic	Phenol-d5	n/a	=	21	%	EPA 8270C	-88	-88	5	46	
2018/19-5	Lab	srgt method blank	5/22/2019	Organic	Phenol-d5	n/a	=	2.58	µg/L	EPA 8270C	-88	-88			
2018/19-5	Lab	srgt method blank, rec	5/22/2019	Organic	Phenol-d5	n/a	=	26	%	EPA 8270C	-88	-88	5	46	
2018/19-5	Lab	srgt LCS	5/22/2019	Organic	Phenol-d5	n/a	=	2.58	µg/L	EPA 8270C	-88	-88			
2018/19-5	Lab	srgt LCS, rec	5/22/2019	Organic	Phenol-d5	n/a	=	26	%	EPA 8270C	-88	-88	5	46	
2018/19-5	Lab	srgt LCS dup	5/22/2019	Organic	Phenol-d5	n/a	=	2.18	µg/L	EPA 8270C	-88	-88			
2018/19-5	Lab	srgt LCS dup, rec	5/22/2019	Organic	Phenol-d5	n/a	=	22	%	EPA 8270C	-88	-88	5	46	
2018/19-5	Lab	srgt method blank	5/24/2019	Organic	Phenol-d5	n/a	=	12.5	µg/L	EPA 625	-88	-88			
2018/19-5	Lab	srgt method blank, rec	5/24/2019	Organic	Phenol-d5	n/a	=	25	%	EPA 625	-88	-88	15	100	
2018/19-5	Lab	srgt LCS	5/24/2019	Organic	Phenol-d5	n/a	=	13.5	µg/L	EPA 625	-88	-88			
2018/19-5	Lab	srgt LCS, rec	5/24/2019	Organic	Phenol-d5	n/a	=	27	%	EPA 625	-88	-88	15	100	
2018/19-5	Lab	srgt LCS dup	5/24/2019	Organic	Phenol-d5	n/a	=	15.3	µg/L	EPA 625	-88	-88			
2018/19-5	Lab	srgt LCS dup, rec	5/24/2019	Organic	Phenol-d5	n/a	=	31	%	EPA 625	-88	-88	15	100	
2018/19-5	Lab	srgt method blank	6/1/2019	Organic	Phenol-d5	n/a	=	14.5	µg/L	EPA 625	-88	-88			
2018/19-5	Lab	srgt method blank, rec	6/1/2019	Organic	Phenol-d5	n/a	=	29	%	EPA 625	-88	-88	15	100	

Appendix F
Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2018/19-5	Lab	srgt LCS dup	6/1/2019	Organic	Phenol-d5	n/a	=	13.7	µg/L	EPA 625	-88	-88			
2018/19-5	Lab	srgt LCS dup, rec	6/1/2019	Organic	Phenol-d5	n/a	=	27	%	EPA 625	-88	-88	15	100	
2018/19-5	Lab	srgt LCS	6/1/2019	Organic	Phenol-d5	n/a	=	16.6	µg/L	EPA 625	-88	-88			
2018/19-5	Lab	srgt LCS, rec	6/1/2019	Organic	Phenol-d5	n/a	=	33	%	EPA 625	-88	-88	15	100	
2018/19-5	Lab	srgt method blank	6/3/2019	Organic	Phenol-d5	n/a	=	14.7	µg/L	EPA 625	-88	-88			
2018/19-5	Lab	srgt method blank, rec	6/3/2019	Organic	Phenol-d5	n/a	=	29	%	EPA 625	-88	-88	15	100	
2018/19-5	Lab	srgt LCS	6/3/2019	Organic	Phenol-d5	n/a	=	13.9	µg/L	EPA 625	-88	-88			
2018/19-5	Lab	srgt LCS, rec	6/3/2019	Organic	Phenol-d5	n/a	=	28	%	EPA 625	-88	-88	15	100	
2018/19-5	Lab	srgt method blank	6/6/2019	Organic	Phenol-d5	n/a	=	14.5	µg/L	EPA 625	-88	-88			
2018/19-5	Lab	srgt method blank, rec	6/6/2019	Organic	Phenol-d5	n/a	=	29	%	EPA 625	-88	-88	15	100	
2018/19-5	Lab	srgt LCS	6/6/2019	Organic	Phenol-d5	n/a	=	13.4	µg/L	EPA 625	-88	-88			
2018/19-5	Lab	srgt LCS, rec	6/6/2019	Organic	Phenol-d5	n/a	=	27	%	EPA 625	-88	-88	15	100	
2018/19-5	Lab	srgt method blank	6/6/2019	Organic	Phenol-d5	n/a	=	13.4	µg/L	EPA 625	-88	-88			
2018/19-5	Lab	srgt method blank, rec	6/6/2019	Organic	Phenol-d5	n/a	=	27	%	EPA 625	-88	-88	15	100	
2018/19-5	Lab	srgt LCS	6/6/2019	Organic	Phenol-d5	n/a	=	12.7	µg/L	EPA 625	-88	-88			
2018/19-5	Lab	srgt LCS, rec	6/6/2019	Organic	Phenol-d5	n/a	=	25	%	EPA 625	-88	-88	15	100	
2018/19-5	Lab	srgt LCS dup	6/6/2019	Organic	Phenol-d5	n/a	=	15.3	µg/L	EPA 625	-88	-88			
2018/19-5	Lab	srgt LCS dup, rec	6/6/2019	Organic	Phenol-d5	n/a	=	31	%	EPA 625	-88	-88	15	100	
2018/19-5	ME-CC	srgt environ	5/22/2019	Organic	Phenol-d5	n/a	=	2.22	µg/L	EPA 8270C	-88	-88			
2018/19-5	ME-CC	srgt environ, rec	5/22/2019	Organic	Phenol-d5	n/a	=	22	%	EPA 8270C	-88	-88	5	46	
2018/19-5	ME-CC	srgt environ	5/24/2019	Organic	Phenol-d5	n/a	=	12.8	µg/L	EPA 625	-88	-88			
2018/19-5	ME-CC	srgt environ, rec	5/24/2019	Organic	Phenol-d5	n/a	=	26	%	EPA 625	-88	-88	15	100	
2018/19-5	ME-SCR	srgt environ	5/21/2019	Organic	Phenol-d5	n/a	=	2.1	µg/L	EPA 8270C	-88	-88			
2018/19-5	ME-SCR	srgt environ, rec	5/21/2019	Organic	Phenol-d5	n/a	=	21	%	EPA 8270C	-88	-88	5	46	
2018/19-5	ME-SCR	srgt environ	6/1/2019	Organic	Phenol-d5	n/a	=	12.2	µg/L	EPA 625	-88	-88			
2018/19-5	ME-SCR	srgt environ, rec	6/1/2019	Organic	Phenol-d5	n/a	=	24	%	EPA 625	-88	-88	15	100	
2018/19-5	ME-VR2	srgt environ	5/22/2019	Organic	Phenol-d5	n/a	=	2.47	µg/L	EPA 8270C	-88	-88			
2018/19-5	ME-VR2	srgt environ, rec	5/22/2019	Organic	Phenol-d5	n/a	=	25	%	EPA 8270C	-88	-88	5	46	
2018/19-5	ME-VR2	srgt environ	6/3/2019	Organic	Phenol-d5	n/a	=	14	µg/L	EPA 625	-88	-88			
2018/19-5	ME-VR2	srgt environ, rec	6/3/2019	Organic	Phenol-d5	n/a	=	28	%	EPA 625	-88	-88	15	100	
2018/19-5	MO-CAM	srgt environ	5/22/2019	Organic	Phenol-d5	n/a	=	1.63	µg/L	EPA 8270C	-88	-88			
2018/19-5	MO-CAM	srgt environ, rec	5/22/2019	Organic	Phenol-d5	n/a	=	16	%	EPA 8270C	-88	-88	5	46	
2018/19-5	MO-CAM	srgt environ	5/24/2019	Organic	Phenol-d5	n/a	=	9.4	µg/L	EPA 625	-88	-88			
2018/19-5	MO-CAM	srgt environ, rec	5/24/2019	Organic	Phenol-d5	n/a	=	19	%	EPA 625	-88	-88	15	100	
2018/19-5	MO-FIL	srgt environ	5/21/2019	Organic	Phenol-d5	n/a	=	2.38	µg/L	EPA 8270C	-88	-88			
2018/19-5	MO-FIL	srgt environ, rec	5/21/2019	Organic	Phenol-d5	n/a	=	24	%	EPA 8270C	-88	-88	5	46	
2018/19-5	MO-FIL	srgt environ	6/1/2019	Organic	Phenol-d5	n/a	=	11.9	µg/L	EPA 625	-88	-88			
2018/19-5	MO-FIL	srgt environ, rec	6/1/2019	Organic	Phenol-d5	n/a	=	24	%	EPA 625	-88	-88	15	100	
2018/19-5	MO-HUE	srgt environ	5/22/2019	Organic	Phenol-d5	n/a	=	1.9	µg/L	EPA 8270C	-88	-88			
2018/19-5	MO-HUE	srgt environ, rec	5/22/2019	Organic	Phenol-d5	n/a	=	19	%	EPA 8270C	-88	-88	5	46	
2018/19-5	MO-HUE	srgt environ	6/3/2019	Organic	Phenol-d5	n/a	=	12.3	µg/L	EPA 625	-88	-88			
2018/19-5	MO-HUE	srgt environ, rec	6/3/2019	Organic	Phenol-d5	n/a	=	25	%	EPA 625	-88	-88	15	100	
2018/19-5	MO-MPK	srgt environ	5/22/2019	Organic	Phenol-d5	n/a	=	1.61	µg/L	EPA 8270C	-88	-88			
2018/19-5	MO-MPK	srgt environ, rec	5/22/2019	Organic	Phenol-d5	n/a	=	16	%	EPA 8270C	-88	-88	5	46	
2018/19-5	MO-MPK	srgt environ	5/24/2019	Organic	Phenol-d5	n/a	=	11.2	µg/L	EPA 625	-88	-88			
2018/19-5	MO-MPK	srgt environ, rec	5/24/2019	Organic	Phenol-d5	n/a	=	22	%	EPA 625	-88	-88	15	100	
2018/19-5	MO-OJA	srgt environ	5/22/2019	Organic	Phenol-d5	n/a	=	2.01	µg/L	EPA 8270C	-88	-88			

Appendix F
Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2018/19-5	MO-OJA	srgt environ, rec	5/22/2019	Organic	Phenol-d5	n/a	=	20	%	EPA 8270C	-88	-88	5	46	
2018/19-5	MO-OJA	srgt environ	6/3/2019	Organic	Phenol-d5	n/a	=	12.2	µg/L	EPA 625	-88	-88			
2018/19-5	MO-OJA	srgt environ, rec	6/3/2019	Organic	Phenol-d5	n/a	=	24	%	EPA 625	-88	-88	15	100	
2018/19-5	MO-SIM	srgt environ	5/22/2019	Organic	Phenol-d5	n/a	=	2.08	µg/L	EPA 8270C	-88	-88			
2018/19-5	MO-SIM	srgt environ, rec	5/22/2019	Organic	Phenol-d5	n/a	=	21	%	EPA 8270C	-88	-88	5	46	
2018/19-5	MO-SIM	srgt environ	5/24/2019	Organic	Phenol-d5	n/a	=	1.7	µg/L	EPA 625	-88	-88			GN
2018/19-5	MO-SIM	srgt environ, rec	5/24/2019	Organic	Phenol-d5	n/a	=	3	%	EPA 625	-88	-88	15	100	GN
2018/19-5	MO-THO	srgt environ	5/22/2019	Organic	Phenol-d5	n/a	=	2.34	µg/L	EPA 8270C	-88	-88			
2018/19-5	MO-THO	srgt environ, rec	5/22/2019	Organic	Phenol-d5	n/a	=	23	%	EPA 8270C	-88	-88	5	46	
2018/19-5	MO-THO	srgt environ	5/24/2019	Organic	Phenol-d5	n/a	=	13.9	µg/L	EPA 625	-88	-88			
2018/19-5	MO-THO	srgt environ, rec	5/24/2019	Organic	Phenol-d5	n/a	=	28	%	EPA 625	-88	-88	15	100	
2018/19-5	MO-VEN	srgt environ	5/21/2019	Organic	Phenol-d5	n/a	=	0.39	µg/L	EPA 8270C	-88	-88			GN
2018/19-5	MO-VEN	srgt environ, rec	5/21/2019	Organic	Phenol-d5	n/a	=	4	%	EPA 8270C	-88	-88	5	46	GN
2018/19-5	MO-VEN	srgt environ	6/1/2019	Organic	Phenol-d5	n/a	=	2.67	µg/L	EPA 625	-88	-88			GN
2018/19-5	MO-VEN	srgt environ, rec	6/1/2019	Organic	Phenol-d5	n/a	=	5	%	EPA 625	-88	-88	15	100	GN
2018/19-5	000NONPJ	srgt matrix spike	5/7/2019	Organic	p-Terphenyl-d14	n/a	=	16.6	µg/L	EPA 625	-88	-88			
2018/19-5	000NONPJ	srgt matrix spike, rec	5/7/2019	Organic	p-Terphenyl-d14	n/a	=	66	%	EPA 625	-88	-88	61	130	
2018/19-5	000NONPJ	srgt matrix spike dup	5/7/2019	Organic	p-Terphenyl-d14	n/a	=	18.9	µg/L	EPA 625	-88	-88			
2018/19-5	000NONPJ	srgt matrix spike dup, rec	5/7/2019	Organic	p-Terphenyl-d14	n/a	=	76	%	EPA 625	-88	-88	61	130	
2018/19-5	000NONPJ	srgt matrix spike	6/6/2019	Organic	p-Terphenyl-d14	n/a	=	23	µg/L	EPA 625	-88	-88			
2018/19-5	000NONPJ	srgt matrix spike, rec	6/6/2019	Organic	p-Terphenyl-d14	n/a	=	92	%	EPA 625	-88	-88	61	130	
2018/19-5	000NONPJ	srgt matrix spike dup	6/6/2019	Organic	p-Terphenyl-d14	n/a	=	22.7	µg/L	EPA 625	-88	-88			
2018/19-5	000NONPJ	srgt matrix spike dup, rec	6/6/2019	Organic	p-Terphenyl-d14	n/a	=	91	%	EPA 625	-88	-88	61	130	
2018/19-5	Lab	srgt method blank	5/6/2019	Organic	p-Terphenyl-d14	n/a	=	20.4	µg/L	EPA 625	-88	-88			
2018/19-5	Lab	srgt method blank, rec	5/6/2019	Organic	p-Terphenyl-d14	n/a	=	82	%	EPA 625	-88	-88	61	130	
2018/19-5	Lab	srgt LCS dup	5/6/2019	Organic	p-Terphenyl-d14	n/a	=	22.5	µg/L	EPA 625	-88	-88			
2018/19-5	Lab	srgt LCS dup, rec	5/6/2019	Organic	p-Terphenyl-d14	n/a	=	90	%	EPA 625	-88	-88	61	130	
2018/19-5	Lab	srgt LCS	5/7/2019	Organic	p-Terphenyl-d14	n/a	=	22.6	µg/L	EPA 625	-88	-88			
2018/19-5	Lab	srgt LCS, rec	5/7/2019	Organic	p-Terphenyl-d14	n/a	=	90	%	EPA 625	-88	-88	61	130	
2018/19-5	Lab	srgt method blank	5/24/2019	Organic	p-Terphenyl-d14	n/a	=	24.7	µg/L	EPA 625	-88	-88			
2018/19-5	Lab	srgt method blank, rec	5/24/2019	Organic	p-Terphenyl-d14	n/a	=	99	%	EPA 625	-88	-88	61	130	
2018/19-5	Lab	srgt LCS	5/24/2019	Organic	p-Terphenyl-d14	n/a	=	25.3	µg/L	EPA 625	-88	-88			
2018/19-5	Lab	srgt LCS, rec	5/24/2019	Organic	p-Terphenyl-d14	n/a	=	101	%	EPA 625	-88	-88	61	130	
2018/19-5	Lab	srgt LCS dup	5/24/2019	Organic	p-Terphenyl-d14	n/a	=	24.5	µg/L	EPA 625	-88	-88			
2018/19-5	Lab	srgt LCS dup, rec	5/24/2019	Organic	p-Terphenyl-d14	n/a	=	98	%	EPA 625	-88	-88	61	130	
2018/19-5	Lab	srgt method blank	6/1/2019	Organic	p-Terphenyl-d14	n/a	=	22.4	µg/L	EPA 625	-88	-88			
2018/19-5	Lab	srgt method blank, rec	6/1/2019	Organic	p-Terphenyl-d14	n/a	=	90	%	EPA 625	-88	-88	61	130	
2018/19-5	Lab	srgt LCS dup	6/1/2019	Organic	p-Terphenyl-d14	n/a	=	24.3	µg/L	EPA 625	-88	-88			
2018/19-5	Lab	srgt LCS dup, rec	6/1/2019	Organic	p-Terphenyl-d14	n/a	=	97	%	EPA 625	-88	-88	61	130	
2018/19-5	Lab	srgt LCS	6/1/2019	Organic	p-Terphenyl-d14	n/a	=	24.6	µg/L	EPA 625	-88	-88			
2018/19-5	Lab	srgt LCS, rec	6/1/2019	Organic	p-Terphenyl-d14	n/a	=	98	%	EPA 625	-88	-88	61	130	
2018/19-5	Lab	srgt method blank	6/3/2019	Organic	p-Terphenyl-d14	n/a	=	25.5	µg/L	EPA 625	-88	-88			
2018/19-5	Lab	srgt method blank, rec	6/3/2019	Organic	p-Terphenyl-d14	n/a	=	102	%	EPA 625	-88	-88	61	130	
2018/19-5	Lab	srgt LCS	6/3/2019	Organic	p-Terphenyl-d14	n/a	=	25.8	µg/L	EPA 625	-88	-88			
2018/19-5	Lab	srgt LCS, rec	6/3/2019	Organic	p-Terphenyl-d14	n/a	=	103	%	EPA 625	-88	-88	61	130	
2018/19-5	Lab	srgt method blank	6/6/2019	Organic	p-Terphenyl-d14	n/a	=	25.8	µg/L	EPA 625	-88	-88			
2018/19-5	Lab	srgt method blank, rec	6/6/2019	Organic	p-Terphenyl-d14	n/a	=	103	%	EPA 625	-88	-88	61	130	

Appendix F
Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2018/19-5	Lab	srgt LCS	6/6/2019	Organic	p-Terphenyl-d14	n/a	=	26.2	µg/L	EPA 625	-88	-88			
2018/19-5	Lab	srgt LCS, rec	6/6/2019	Organic	p-Terphenyl-d14	n/a	=	105	%	EPA 625	-88	-88	61	130	
2018/19-5	Lab	srgt method blank	6/6/2019	Organic	p-Terphenyl-d14	n/a	=	22.9	µg/L	EPA 625	-88	-88			
2018/19-5	Lab	srgt method blank, rec	6/6/2019	Organic	p-Terphenyl-d14	n/a	=	92	%	EPA 625	-88	-88	61	130	
2018/19-5	Lab	srgt LCS	6/6/2019	Organic	p-Terphenyl-d14	n/a	=	24.7	µg/L	EPA 625	-88	-88			
2018/19-5	Lab	srgt LCS, rec	6/6/2019	Organic	p-Terphenyl-d14	n/a	=	99	%	EPA 625	-88	-88	61	130	
2018/19-5	Lab	srgt LCS dup	6/6/2019	Organic	p-Terphenyl-d14	n/a	=	25.3	µg/L	EPA 625	-88	-88			
2018/19-5	Lab	srgt LCS dup, rec	6/6/2019	Organic	p-Terphenyl-d14	n/a	=	101	%	EPA 625	-88	-88	61	130	
2018/19-5	Lab	srgt method blank	6/7/2019	Organic	p-Terphenyl-d14	n/a	=	5.02	µg/L	EPA 8270C	-88	-88			
2018/19-5	Lab	srgt method blank, rec	6/7/2019	Organic	p-Terphenyl-d14	n/a	=	100	%	EPA 8270C	-88	-88	19	134	
2018/19-5	Lab	srgt LCS	6/7/2019	Organic	p-Terphenyl-d14	n/a	=	5.1	µg/L	EPA 8270C	-88	-88			
2018/19-5	Lab	srgt LCS, rec	6/7/2019	Organic	p-Terphenyl-d14	n/a	=	102	%	EPA 8270C	-88	-88	19	134	
2018/19-5	Lab	srgt LCS dup	6/8/2019	Organic	p-Terphenyl-d14	n/a	=	4.99	µg/L	EPA 8270C	-88	-88			
2018/19-5	Lab	srgt LCS dup, rec	6/8/2019	Organic	p-Terphenyl-d14	n/a	=	100	%	EPA 8270C	-88	-88	19	134	
2018/19-5	Lab	srgt method blank	6/8/2019	Organic	p-Terphenyl-d14	n/a	=	4.85	µg/L	EPA 8270C	-88	-88			
2018/19-5	Lab	srgt method blank, rec	6/8/2019	Organic	p-Terphenyl-d14	n/a	=	97	%	EPA 8270C	-88	-88	19	134	
2018/19-5	Lab	srgt LCS	6/8/2019	Organic	p-Terphenyl-d14	n/a	=	4.74	µg/L	EPA 8270C	-88	-88			
2018/19-5	Lab	srgt LCS, rec	6/8/2019	Organic	p-Terphenyl-d14	n/a	=	95	%	EPA 8270C	-88	-88	19	134	
2018/19-5	Lab	srgt LCS dup	6/8/2019	Organic	p-Terphenyl-d14	n/a	=	4.65	µg/L	EPA 8270C	-88	-88			
2018/19-5	Lab	srgt LCS dup, rec	6/8/2019	Organic	p-Terphenyl-d14	n/a	=	93	%	EPA 8270C	-88	-88	19	134	
2018/19-5	ME-CC	srgt environ	5/24/2019	Organic	p-Terphenyl-d14	n/a	=	21	µg/L	EPA 625	-88	-88			
2018/19-5	ME-CC	srgt environ, rec	5/24/2019	Organic	p-Terphenyl-d14	n/a	=	84	%	EPA 625	-88	-88	61	130	
2018/19-5	ME-CC	srgt environ	6/8/2019	Organic	p-Terphenyl-d14	n/a	=	4.74	µg/L	EPA 8270C	-88	-88			
2018/19-5	ME-CC	srgt environ, rec	6/8/2019	Organic	p-Terphenyl-d14	n/a	=	95	%	EPA 8270C	-88	-88	19	134	
2018/19-5	ME-SCR	srgt environ	6/1/2019	Organic	p-Terphenyl-d14	n/a	=	22.3	µg/L	EPA 625	-88	-88			
2018/19-5	ME-SCR	srgt environ, rec	6/1/2019	Organic	p-Terphenyl-d14	n/a	=	89	%	EPA 625	-88	-88	61	130	
2018/19-5	ME-SCR	srgt environ	6/8/2019	Organic	p-Terphenyl-d14	n/a	=	4.68	µg/L	EPA 8270C	-88	-88			
2018/19-5	ME-SCR	srgt environ, rec	6/8/2019	Organic	p-Terphenyl-d14	n/a	=	94	%	EPA 8270C	-88	-88	19	134	
2018/19-5	ME-VR2	srgt environ	6/3/2019	Organic	p-Terphenyl-d14	n/a	=	25.6	µg/L	EPA 625	-88	-88			
2018/19-5	ME-VR2	srgt environ, rec	6/3/2019	Organic	p-Terphenyl-d14	n/a	=	103	%	EPA 625	-88	-88	61	130	
2018/19-5	ME-VR2	srgt environ	6/8/2019	Organic	p-Terphenyl-d14	n/a	=	4.77	µg/L	EPA 8270C	-88	-88			
2018/19-5	ME-VR2	srgt environ, rec	6/8/2019	Organic	p-Terphenyl-d14	n/a	=	95	%	EPA 8270C	-88	-88	19	134	
2018/19-5	MO-CAM	srgt environ	5/24/2019	Organic	p-Terphenyl-d14	n/a	=	15	µg/L	EPA 625	-88	-88			GN
2018/19-5	MO-CAM	srgt environ, rec	5/24/2019	Organic	p-Terphenyl-d14	n/a	=	60	%	EPA 625	-88	-88	61	130	GN
2018/19-5	MO-CAM	srgt environ	6/8/2019	Organic	p-Terphenyl-d14	n/a	=	2.96	µg/L	EPA 8270C	-88	-88			
2018/19-5	MO-CAM	srgt environ, rec	6/8/2019	Organic	p-Terphenyl-d14	n/a	=	59	%	EPA 8270C	-88	-88	19	134	
2018/19-5	MO-FIL	srgt environ	6/1/2019	Organic	p-Terphenyl-d14	n/a	=	22.6	µg/L	EPA 625	-88	-88			
2018/19-5	MO-FIL	srgt environ, rec	6/1/2019	Organic	p-Terphenyl-d14	n/a	=	90	%	EPA 625	-88	-88	61	130	
2018/19-5	MO-FIL	srgt environ	6/8/2019	Organic	p-Terphenyl-d14	n/a	=	4.77	µg/L	EPA 8270C	-88	-88			
2018/19-5	MO-FIL	srgt environ, rec	6/8/2019	Organic	p-Terphenyl-d14	n/a	=	95	%	EPA 8270C	-88	-88	19	134	
2018/19-5	MO-HUE	srgt environ	6/3/2019	Organic	p-Terphenyl-d14	n/a	=	21.9	µg/L	EPA 625	-88	-88			
2018/19-5	MO-HUE	srgt environ, rec	6/3/2019	Organic	p-Terphenyl-d14	n/a	=	88	%	EPA 625	-88	-88	61	130	
2018/19-5	MO-HUE	srgt environ	6/8/2019	Organic	p-Terphenyl-d14	n/a	=	4.53	µg/L	EPA 8270C	-88	-88			
2018/19-5	MO-HUE	srgt environ, rec	6/8/2019	Organic	p-Terphenyl-d14	n/a	=	91	%	EPA 8270C	-88	-88	19	134	
2018/19-5	MO-MPK	srgt environ	5/24/2019	Organic	p-Terphenyl-d14	n/a	=	17.8	µg/L	EPA 625	-88	-88			
2018/19-5	MO-MPK	srgt environ, rec	5/24/2019	Organic	p-Terphenyl-d14	n/a	=	71	%	EPA 625	-88	-88	61	130	
2018/19-5	MO-MPK	srgt environ	6/8/2019	Organic	p-Terphenyl-d14	n/a	=	2.85	µg/L	EPA 8270C	-88	-88			

Appendix F
Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2018/19-5	MO-MPK	srgt environ, rec	6/8/2019	Organic	p-Terphenyl-d14	n/a	=	57	%	EPA 8270C	-88	-88	19	134	
2018/19-5	MO-OJA	srgt environ	6/3/2019	Organic	p-Terphenyl-d14	n/a	=	22.7	µg/L	EPA 625	-88	-88			
2018/19-5	MO-OJA	srgt environ, rec	6/3/2019	Organic	p-Terphenyl-d14	n/a	=	91	%	EPA 625	-88	-88	61	130	
2018/19-5	MO-OJA	srgt environ	6/8/2019	Organic	p-Terphenyl-d14	n/a	=	4.33	µg/L	EPA 8270C	-88	-88			
2018/19-5	MO-OJA	srgt environ, rec	6/8/2019	Organic	p-Terphenyl-d14	n/a	=	87	%	EPA 8270C	-88	-88	19	134	
2018/19-5	MO-SIM	srgt environ	5/24/2019	Organic	p-Terphenyl-d14	n/a	=	2.95	µg/L	EPA 625	-88	-88			GN
2018/19-5	MO-SIM	srgt environ, rec	5/24/2019	Organic	p-Terphenyl-d14	n/a	=	12	%	EPA 625	-88	-88	61	130	GN
2018/19-5	MO-SIM	srgt environ	6/8/2019	Organic	p-Terphenyl-d14	n/a	=	4.9	µg/L	EPA 8270C	-88	-88			
2018/19-5	MO-SIM	srgt environ, rec	6/8/2019	Organic	p-Terphenyl-d14	n/a	=	98	%	EPA 8270C	-88	-88	19	134	
2018/19-5	MO-THO	srgt environ	5/24/2019	Organic	p-Terphenyl-d14	n/a	=	22.1	µg/L	EPA 625	-88	-88			
2018/19-5	MO-THO	srgt environ, rec	5/24/2019	Organic	p-Terphenyl-d14	n/a	=	88	%	EPA 625	-88	-88	61	130	
2018/19-5	MO-THO	srgt environ	6/8/2019	Organic	p-Terphenyl-d14	n/a	=	5.01	µg/L	EPA 8270C	-88	-88			
2018/19-5	MO-THO	srgt environ, rec	6/8/2019	Organic	p-Terphenyl-d14	n/a	=	100	%	EPA 8270C	-88	-88	19	134	
2018/19-5	MO-VEN	srgt environ	6/1/2019	Organic	p-Terphenyl-d14	n/a	=	4.82	µg/L	EPA 625	-88	-88			GN
2018/19-5	MO-VEN	srgt environ, rec	6/1/2019	Organic	p-Terphenyl-d14	n/a	=	19	%	EPA 625	-88	-88	61	130	GN
2018/19-5	MO-VEN	srgt environ	6/8/2019	Organic	p-Terphenyl-d14	n/a	=	0.708	µg/L	EPA 8270C	-88	-88			GN
2018/19-5	MO-VEN	srgt environ, rec	6/8/2019	Organic	p-Terphenyl-d14	n/a	=	14	%	EPA 8270C	-88	-88	19	134	GN
2018/19-5	000NONPJ	matrix spike	5/7/2019	Organic	Pyrene	n/a	=	14.7	µg/L	EPA 625	0.25	1			
2018/19-5	000NONPJ	matrix spike, rec	5/7/2019	Organic	Pyrene	n/a	=	59	%	EPA 625	-88	-88	54	130	
2018/19-5	000NONPJ	matrix spike dup	5/7/2019	Organic	Pyrene	n/a	=	17.3	µg/L	EPA 625	0.25	1			
2018/19-5	000NONPJ	matrix spike dup, rec	5/7/2019	Organic	Pyrene	n/a	=	69	%	EPA 625	-88	-88	54	130	
2018/19-5	000NONPJ	matrix spike, RPD	5/7/2019	Organic	Pyrene	n/a	=	16	%	EPA 625	-88	-88	0	30	
2018/19-5	000NONPJ	matrix spike	6/6/2019	Organic	Pyrene	n/a	<	2.5	µg/L	EPA 625	2.5	10			GB
2018/19-5	000NONPJ	matrix spike, rec	6/6/2019	Organic	Pyrene	n/a	=	0	%	EPA 625	-88	-88	54	115	GB
2018/19-5	000NONPJ	matrix spike dup	6/6/2019	Organic	Pyrene	n/a	DNQ	2.63	µg/L	EPA 625	2.5	10			GB,IL
2018/19-5	000NONPJ	matrix spike dup, rec	6/6/2019	Organic	Pyrene	n/a	=	11	%	EPA 625	-88	-88	54	115	GB,IL
2018/19-5	000NONPJ	matrix spike, RPD	6/6/2019	Organic	Pyrene	n/a	=	200	%	EPA 625	-88	-88	0	30	GB,IL
2018/19-5	Lab	method blank	5/6/2019	Organic	Pyrene	n/a	<	0.25	µg/L	EPA 625	0.25	1			
2018/19-5	Lab	LCS dup	5/6/2019	Organic	Pyrene	n/a	=	23.4	µg/L	EPA 625	0.25	1			
2018/19-5	Lab	LCS dup, rec	5/6/2019	Organic	Pyrene	n/a	=	94	%	EPA 625	-88	-88	55	130	
2018/19-5	Lab	LCS, RPD	5/6/2019	Organic	Pyrene	n/a	=	0.8	%	EPA 625	-88	-88	0	30	
2018/19-5	Lab	LCS	5/7/2019	Organic	Pyrene	n/a	=	23.6	µg/L	EPA 625	0.25	1			
2018/19-5	Lab	LCS, rec	5/7/2019	Organic	Pyrene	n/a	=	94	%	EPA 625	-88	-88	55	130	
2018/19-5	Lab	method blank	5/24/2019	Organic	Pyrene	n/a	<	0.25	µg/L	EPA 625	0.25	1			
2018/19-5	Lab	LCS	5/24/2019	Organic	Pyrene	n/a	=	28.4	µg/L	EPA 625	0.25	1			
2018/19-5	Lab	LCS, rec	5/24/2019	Organic	Pyrene	n/a	=	114	%	EPA 625	-88	-88	55	130	
2018/19-5	Lab	LCS dup	5/24/2019	Organic	Pyrene	n/a	=	27	µg/L	EPA 625	0.25	1			
2018/19-5	Lab	LCS dup, rec	5/24/2019	Organic	Pyrene	n/a	=	108	%	EPA 625	-88	-88	55	130	
2018/19-5	Lab	LCS, RPD	5/24/2019	Organic	Pyrene	n/a	=	5	%	EPA 625	-88	-88	0	30	
2018/19-5	Lab	method blank	6/1/2019	Organic	Pyrene	n/a	<	0.25	µg/L	EPA 625	0.25	1			
2018/19-5	Lab	LCS dup	6/1/2019	Organic	Pyrene	n/a	=	25.4	µg/L	EPA 625	0.25	1			
2018/19-5	Lab	LCS dup, rec	6/1/2019	Organic	Pyrene	n/a	=	102	%	EPA 625	-88	-88	55	130	
2018/19-5	Lab	LCS, RPD	6/1/2019	Organic	Pyrene	n/a	=	5	%	EPA 625	-88	-88	0	30	
2018/19-5	Lab	LCS	6/1/2019	Organic	Pyrene	n/a	=	26.7	µg/L	EPA 625	0.25	1			
2018/19-5	Lab	LCS, rec	6/1/2019	Organic	Pyrene	n/a	=	107	%	EPA 625	-88	-88	55	130	
2018/19-5	Lab	method blank	6/3/2019	Organic	Pyrene	n/a	<	0.25	µg/L	EPA 625	0.25	1			
2018/19-5	Lab	LCS	6/3/2019	Organic	Pyrene	n/a	=	27.9	µg/L	EPA 625	0.25	1			

Appendix F
Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2018/19-5	Lab	LCS, rec	6/3/2019	Organic	Pyrene	n/a	=	112	%	EPA 625	-88	-88	55	115	
2018/19-5	Lab	method blank	6/6/2019	Organic	Pyrene	n/a	<	0.25	µg/L	EPA 625	0.25	1			
2018/19-5	Lab	LCS	6/6/2019	Organic	Pyrene	n/a	=	31.3	µg/L	EPA 625	0.25	1			EUM
2018/19-5	Lab	LCS, rec	6/6/2019	Organic	Pyrene	n/a	=	125	%	EPA 625	-88	-88	55	115	EUM
2018/19-5	Lab	method blank	6/7/2019	Organic	Pyrene	n/a	<	0.1	µg/L	EPA 8270C	0.1	0.1			
2018/19-5	Lab	LCS	6/7/2019	Organic	Pyrene	n/a	=	9.68	µg/L	EPA 8270C	0.1	0.1			
2018/19-5	Lab	LCS, rec	6/7/2019	Organic	Pyrene	n/a	=	97	%	EPA 8270C	-88	-88	26	128	
2018/19-5	Lab	LCS dup	6/8/2019	Organic	Pyrene	n/a	=	9.51	µg/L	EPA 8270C	0.1	0.1			
2018/19-5	Lab	LCS dup, rec	6/8/2019	Organic	Pyrene	n/a	=	95	%	EPA 8270C	-88	-88	26	128	
2018/19-5	Lab	LCS, RPD	6/8/2019	Organic	Pyrene	n/a	=	2	%	EPA 8270C	-88	-88	0	30	
2018/19-5	Lab	method blank	6/8/2019	Organic	Pyrene	n/a	<	0.1	µg/L	EPA 8270C	0.1	0.1			
2018/19-5	Lab	LCS	6/8/2019	Organic	Pyrene	n/a	=	9.14	µg/L	EPA 8270C	0.1	0.1			
2018/19-5	Lab	LCS, rec	6/8/2019	Organic	Pyrene	n/a	=	91	%	EPA 8270C	-88	-88	26	128	
2018/19-5	Lab	LCS dup	6/8/2019	Organic	Pyrene	n/a	=	9.28	µg/L	EPA 8270C	0.1	0.1			
2018/19-5	Lab	LCS dup, rec	6/8/2019	Organic	Pyrene	n/a	=	93	%	EPA 8270C	-88	-88	26	128	
2018/19-5	Lab	LCS, RPD	6/8/2019	Organic	Pyrene	n/a	=	2	%	EPA 8270C	-88	-88	0	30	
2018/19-5	000NONPJ	srgt matrix spike	5/13/2019	Organic	Tetrachloro-m-xylene (TCMX)	n/a	=	0.0613	µg/L	EPA 608	-88	-88			
2018/19-5	000NONPJ	srgt matrix spike, rec	5/13/2019	Organic	Tetrachloro-m-xylene (TCMX)	n/a	=	61	%	EPA 608	-88	-88	35	111	
2018/19-5	000NONPJ	srgt matrix spike dup	5/13/2019	Organic	Tetrachloro-m-xylene (TCMX)	n/a	=	0.0578	µg/L	EPA 608	-88	-88			
2018/19-5	000NONPJ	srgt matrix spike dup, rec	5/13/2019	Organic	Tetrachloro-m-xylene (TCMX)	n/a	=	58	%	EPA 608	-88	-88	35	111	
2018/19-5	000NONPJ	srgt matrix spike	5/13/2019	Organic	Tetrachloro-m-xylene (TCMX)	n/a	=	0.308	µg/L	EPA 608	-88	-88			
2018/19-5	000NONPJ	srgt matrix spike, rec	5/13/2019	Organic	Tetrachloro-m-xylene (TCMX)	n/a	=	62	%	EPA 608	-88	-88	35	111	
2018/19-5	000NONPJ	srgt matrix spike dup	5/13/2019	Organic	Tetrachloro-m-xylene (TCMX)	n/a	=	0.317	µg/L	EPA 608	-88	-88			
2018/19-5	000NONPJ	srgt matrix spike dup, rec	5/13/2019	Organic	Tetrachloro-m-xylene (TCMX)	n/a	=	63	%	EPA 608	-88	-88	35	111	
2018/19-5	000NONPJ	srgt matrix spike	5/14/2019	Organic	Tetrachloro-m-xylene (TCMX)	n/a	=	0.0739	µg/L	EPA 608	-88	-88			
2018/19-5	000NONPJ	srgt matrix spike, rec	5/14/2019	Organic	Tetrachloro-m-xylene (TCMX)	n/a	=	74	%	EPA 608	-88	-88	35	111	
2018/19-5	000NONPJ	srgt matrix spike dup	5/14/2019	Organic	Tetrachloro-m-xylene (TCMX)	n/a	=	0.0747	µg/L	EPA 608	-88	-88			
2018/19-5	000NONPJ	srgt matrix spike dup, rec	5/14/2019	Organic	Tetrachloro-m-xylene (TCMX)	n/a	=	75	%	EPA 608	-88	-88	35	111	
2018/19-5	000NONPJ	srgt matrix spike	5/14/2019	Organic	Tetrachloro-m-xylene (TCMX)	n/a	=	0.334	µg/L	EPA 608	-88	-88			
2018/19-5	000NONPJ	srgt matrix spike, rec	5/14/2019	Organic	Tetrachloro-m-xylene (TCMX)	n/a	=	67	%	EPA 608	-88	-88	35	111	
2018/19-5	000NONPJ	srgt matrix spike dup	5/14/2019	Organic	Tetrachloro-m-xylene (TCMX)	n/a	=	0.307	µg/L	EPA 608	-88	-88			
2018/19-5	000NONPJ	srgt matrix spike dup, rec	5/14/2019	Organic	Tetrachloro-m-xylene (TCMX)	n/a	=	61	%	EPA 608	-88	-88	35	111	
2018/19-5	Lab	srgt method blank	5/10/2019	Organic	Tetrachloro-m-xylene (TCMX)	n/a	=	0.0859	µg/L	EPA 608	-88	-88			
2018/19-5	Lab	srgt method blank, rec	5/10/2019	Organic	Tetrachloro-m-xylene (TCMX)	n/a	=	86	%	EPA 608	-88	-88	35	111	
2018/19-5	Lab	srgt LCS	5/10/2019	Organic	Tetrachloro-m-xylene (TCMX)	n/a	=	0.0792	µg/L	EPA 608	-88	-88			
2018/19-5	Lab	srgt LCS, rec	5/10/2019	Organic	Tetrachloro-m-xylene (TCMX)	n/a	=	79	%	EPA 608	-88	-88	35	111	
2018/19-5	Lab	srgt LCS dup	5/10/2019	Organic	Tetrachloro-m-xylene (TCMX)	n/a	=	0.0838	µg/L	EPA 608	-88	-88			
2018/19-5	Lab	srgt LCS dup, rec	5/10/2019	Organic	Tetrachloro-m-xylene (TCMX)	n/a	=	84	%	EPA 608	-88	-88	35	111	
2018/19-5	Lab	srgt method blank	5/13/2019	Organic	Tetrachloro-m-xylene (TCMX)	n/a	=	0.0723	µg/L	EPA 608	-88	-88			
2018/19-5	Lab	srgt method blank, rec	5/13/2019	Organic	Tetrachloro-m-xylene (TCMX)	n/a	=	72	%	EPA 608	-88	-88	35	111	
2018/19-5	Lab	srgt LCS	5/13/2019	Organic	Tetrachloro-m-xylene (TCMX)	n/a	=	0.0734	µg/L	EPA 608	-88	-88			
2018/19-5	Lab	srgt LCS, rec	5/13/2019	Organic	Tetrachloro-m-xylene (TCMX)	n/a	=	73	%	EPA 608	-88	-88	35	111	
2018/19-5	Lab	srgt method blank	5/14/2019	Organic	Tetrachloro-m-xylene (TCMX)	n/a	=	0.07	µg/L	EPA 608	-88	-88			
2018/19-5	Lab	srgt method blank, rec	5/14/2019	Organic	Tetrachloro-m-xylene (TCMX)	n/a	=	70	%	EPA 608	-88	-88	35	111	
2018/19-5	Lab	srgt LCS	5/14/2019	Organic	Tetrachloro-m-xylene (TCMX)	n/a	=	0.0779	µg/L	EPA 608	-88	-88			
2018/19-5	Lab	srgt LCS, rec	5/14/2019	Organic	Tetrachloro-m-xylene (TCMX)	n/a	=	78	%	EPA 608	-88	-88	35	111	
2018/19-5	Lab	srgt method blank	5/17/2019	Organic	Tetrachloro-m-xylene (TCMX)	n/a	=	0.0939	µg/L	EPA 608	-88	-88			

Appendix F
Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2018/19-5	Lab	srgt method blank, rec	5/17/2019	Organic	Tetrachloro-m-xylene (TCMX)	n/a	=	94	%	EPA 608	-88	-88	35	111	
2018/19-5	Lab	srgt LCS	5/17/2019	Organic	Tetrachloro-m-xylene (TCMX)	n/a	=	0.0948	µg/L	EPA 608	-88	-88			
2018/19-5	Lab	srgt LCS, rec	5/17/2019	Organic	Tetrachloro-m-xylene (TCMX)	n/a	=	95	%	EPA 608	-88	-88	35	111	
2018/19-5	Lab	srgt LCS dup	5/17/2019	Organic	Tetrachloro-m-xylene (TCMX)	n/a	=	0.107	µg/L	EPA 608	-88	-88			
2018/19-5	Lab	srgt LCS dup, rec	5/17/2019	Organic	Tetrachloro-m-xylene (TCMX)	n/a	=	107	%	EPA 608	-88	-88	35	111	
2018/19-5	Lab	srgt method blank	5/21/2019	Organic	Tetrachloro-m-xylene (TCMX)	n/a	=	0.085	µg/L	EPA 608	-88	-88			
2018/19-5	Lab	srgt method blank, rec	5/21/2019	Organic	Tetrachloro-m-xylene (TCMX)	n/a	=	85	%	EPA 608	-88	-88	35	111	
2018/19-5	Lab	srgt LCS	5/21/2019	Organic	Tetrachloro-m-xylene (TCMX)	n/a	=	0.0897	µg/L	EPA 608	-88	-88			
2018/19-5	Lab	srgt LCS, rec	5/21/2019	Organic	Tetrachloro-m-xylene (TCMX)	n/a	=	90	%	EPA 608	-88	-88	35	111	
2018/19-5	Lab	srgt LCS dup	5/21/2019	Organic	Tetrachloro-m-xylene (TCMX)	n/a	=	0.088	µg/L	EPA 608	-88	-88			
2018/19-5	Lab	srgt LCS dup, rec	5/21/2019	Organic	Tetrachloro-m-xylene (TCMX)	n/a	=	88	%	EPA 608	-88	-88	35	111	
2018/19-5	ME-CC	srgt environ	5/21/2019	Organic	Tetrachloro-m-xylene (TCMX)	n/a	=	0.0895	µg/L	EPA 608	-88	-88			
2018/19-5	ME-CC	srgt environ, rec	5/21/2019	Organic	Tetrachloro-m-xylene (TCMX)	n/a	=	89	%	EPA 608	-88	-88	35	111	
2018/19-5	ME-SCR	srgt environ	5/10/2019	Organic	Tetrachloro-m-xylene (TCMX)	n/a	=	0.0728	µg/L	EPA 608	-88	-88			
2018/19-5	ME-SCR	srgt environ, rec	5/10/2019	Organic	Tetrachloro-m-xylene (TCMX)	n/a	=	73	%	EPA 608	-88	-88	35	111	
2018/19-5	ME-VR2	srgt environ	5/14/2019	Organic	Tetrachloro-m-xylene (TCMX)	n/a	=	0.08	µg/L	EPA 608	-88	-88			
2018/19-5	ME-VR2	srgt environ, rec	5/14/2019	Organic	Tetrachloro-m-xylene (TCMX)	n/a	=	80	%	EPA 608	-88	-88	35	111	
2018/19-5	MO-CAM	srgt environ	5/21/2019	Organic	Tetrachloro-m-xylene (TCMX)	n/a	=	0.0776	µg/L	EPA 608	-88	-88			
2018/19-5	MO-CAM	srgt environ, rec	5/21/2019	Organic	Tetrachloro-m-xylene (TCMX)	n/a	=	78	%	EPA 608	-88	-88	35	111	
2018/19-5	MO-FIL	srgt environ	5/11/2019	Organic	Tetrachloro-m-xylene (TCMX)	n/a	=	0.072	µg/L	EPA 608	-88	-88			
2018/19-5	MO-FIL	srgt environ, rec	5/11/2019	Organic	Tetrachloro-m-xylene (TCMX)	n/a	=	72	%	EPA 608	-88	-88	35	111	
2018/19-5	MO-HUE	srgt environ	5/15/2019	Organic	Tetrachloro-m-xylene (TCMX)	n/a	=	0.0783	µg/L	EPA 608	-88	-88			
2018/19-5	MO-HUE	srgt environ, rec	5/15/2019	Organic	Tetrachloro-m-xylene (TCMX)	n/a	=	78	%	EPA 608	-88	-88	35	111	
2018/19-5	MO-MPK	srgt environ	5/21/2019	Organic	Tetrachloro-m-xylene (TCMX)	n/a	=	0.0787	µg/L	EPA 608	-88	-88			
2018/19-5	MO-MPK	srgt environ, rec	5/21/2019	Organic	Tetrachloro-m-xylene (TCMX)	n/a	=	79	%	EPA 608	-88	-88	35	111	
2018/19-5	MO-OJA	srgt environ	5/14/2019	Organic	Tetrachloro-m-xylene (TCMX)	n/a	=	0.0792	µg/L	EPA 608	-88	-88			
2018/19-5	MO-OJA	srgt environ, rec	5/14/2019	Organic	Tetrachloro-m-xylene (TCMX)	n/a	=	79	%	EPA 608	-88	-88	35	111	
2018/19-5	MO-SIM	srgt environ	5/21/2019	Organic	Tetrachloro-m-xylene (TCMX)	n/a	=	0.0842	µg/L	EPA 608	-88	-88			
2018/19-5	MO-SIM	srgt environ, rec	5/21/2019	Organic	Tetrachloro-m-xylene (TCMX)	n/a	=	84	%	EPA 608	-88	-88	35	111	
2018/19-5	MO-THO	srgt environ	5/21/2019	Organic	Tetrachloro-m-xylene (TCMX)	n/a	=	0.0909	µg/L	EPA 608	-88	-88			
2018/19-5	MO-THO	srgt environ, rec	5/21/2019	Organic	Tetrachloro-m-xylene (TCMX)	n/a	=	91	%	EPA 608	-88	-88	35	111	
2018/19-5	MO-VEN	srgt environ	5/10/2019	Organic	Tetrachloro-m-xylene (TCMX)	n/a	=	0.235	µg/L	EPA 608	-88	-88			
2018/19-5	MO-VEN	srgt environ, rec	5/10/2019	Organic	Tetrachloro-m-xylene (TCMX)	n/a	=	47	%	EPA 608	-88	-88	35	111	
2018/19-5	000NONPJ	srgt matrix spike	5/3/2019	Organic	Toluene-d8	n/a	=	50.4	µg/L	EPA 624	-88	-88			
2018/19-5	000NONPJ	srgt matrix spike, rec	5/3/2019	Organic	Toluene-d8	n/a	=	101	%	EPA 624	-88	-88	92	112	
2018/19-5	000NONPJ	srgt matrix spike dup	5/3/2019	Organic	Toluene-d8	n/a	=	50.5	µg/L	EPA 624	-88	-88			
2018/19-5	000NONPJ	srgt matrix spike dup, rec	5/3/2019	Organic	Toluene-d8	n/a	=	101	%	EPA 624	-88	-88	92	112	
2018/19-5	000NONPJ	srgt matrix spike	5/17/2019	Organic	Toluene-d8	n/a	=	50.4	µg/L	EPA 624	-88	-88			
2018/19-5	000NONPJ	srgt matrix spike, rec	5/17/2019	Organic	Toluene-d8	n/a	=	101	%	EPA 624	-88	-88	92	112	
2018/19-5	000NONPJ	srgt matrix spike dup	5/17/2019	Organic	Toluene-d8	n/a	=	50.7	µg/L	EPA 624	-88	-88			
2018/19-5	000NONPJ	srgt matrix spike dup, rec	5/17/2019	Organic	Toluene-d8	n/a	=	101	%	EPA 624	-88	-88	92	112	
2018/19-5	Lab	srgt LCS	5/3/2019	Organic	Toluene-d8	n/a	=	50.6	µg/L	EPA 624	-88	-88			
2018/19-5	Lab	srgt LCS, rec	5/3/2019	Organic	Toluene-d8	n/a	=	101	%	EPA 624	-88	-88	92	112	
2018/19-5	Lab	srgt LCS dup	5/3/2019	Organic	Toluene-d8	n/a	=	50.6	µg/L	EPA 624	-88	-88			
2018/19-5	Lab	srgt LCS dup, rec	5/3/2019	Organic	Toluene-d8	n/a	=	101	%	EPA 624	-88	-88	92	112	
2018/19-5	Lab	srgt method blank	5/3/2019	Organic	Toluene-d8	n/a	=	49.8	µg/L	EPA 624	-88	-88			
2018/19-5	Lab	srgt method blank, rec	5/3/2019	Organic	Toluene-d8	n/a	=	100	%	EPA 624	-88	-88	92	112	

Appendix F
Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2018/19-5	Lab	srgt LCS	5/10/2019	Organic	Toluene-d8	n/a	=	52	µg/L	EPA 624	-88	-88			
2018/19-5	Lab	srgt LCS, rec	5/10/2019	Organic	Toluene-d8	n/a	=	104	%	EPA 624	-88	-88	92	112	
2018/19-5	Lab	srgt LCS dup	5/10/2019	Organic	Toluene-d8	n/a	=	51.8	µg/L	EPA 624	-88	-88			
2018/19-5	Lab	srgt LCS dup, rec	5/10/2019	Organic	Toluene-d8	n/a	=	104	%	EPA 624	-88	-88	92	112	
2018/19-5	Lab	srgt method blank	5/10/2019	Organic	Toluene-d8	n/a	=	50.1	µg/L	EPA 624	-88	-88			
2018/19-5	Lab	srgt method blank, rec	5/10/2019	Organic	Toluene-d8	n/a	=	100	%	EPA 624	-88	-88	92	112	
2018/19-5	Lab	srgt LCS	5/16/2019	Organic	Toluene-d8	n/a	=	50.2	µg/L	EPA 624	-88	-88			
2018/19-5	Lab	srgt LCS, rec	5/16/2019	Organic	Toluene-d8	n/a	=	100	%	EPA 624	-88	-88	92	112	
2018/19-5	Lab	srgt LCS dup	5/16/2019	Organic	Toluene-d8	n/a	=	50.4	µg/L	EPA 624	-88	-88			
2018/19-5	Lab	srgt LCS dup, rec	5/16/2019	Organic	Toluene-d8	n/a	=	101	%	EPA 624	-88	-88	92	112	
2018/19-5	Lab	srgt method blank	5/16/2019	Organic	Toluene-d8	n/a	=	49.5	µg/L	EPA 624	-88	-88			
2018/19-5	Lab	srgt method blank, rec	5/16/2019	Organic	Toluene-d8	n/a	=	99	%	EPA 624	-88	-88	92	112	
2018/19-5	ME-CC	srgt environ	5/17/2019	Organic	Toluene-d8	n/a	=	49.2	µg/L	EPA 624	-88	-88			
2018/19-5	ME-CC	srgt environ, rec	5/17/2019	Organic	Toluene-d8	n/a	=	98	%	EPA 624	-88	-88	92	112	
2018/19-5	ME-SCR	srgt environ	5/3/2019	Organic	Toluene-d8	n/a	=	49.8	µg/L	EPA 624	-88	-88			
2018/19-5	ME-SCR	srgt environ, rec	5/3/2019	Organic	Toluene-d8	n/a	=	100	%	EPA 624	-88	-88	92	112	
2018/19-5	ME-VR2	srgt environ	5/10/2019	Organic	Toluene-d8	n/a	=	50.3	µg/L	EPA 624	-88	-88			
2018/19-5	ME-VR2	srgt environ, rec	5/10/2019	Organic	Toluene-d8	n/a	=	101	%	EPA 624	-88	-88	92	112	
2018/19-5	MO-CAM	srgt environ	5/17/2019	Organic	Toluene-d8	n/a	=	49.1	µg/L	EPA 624	-88	-88			
2018/19-5	MO-CAM	srgt environ, rec	5/17/2019	Organic	Toluene-d8	n/a	=	98	%	EPA 624	-88	-88	92	112	
2018/19-5	MO-FIL	srgt environ	5/3/2019	Organic	Toluene-d8	n/a	=	49.8	µg/L	EPA 624	-88	-88			
2018/19-5	MO-FIL	srgt environ, rec	5/3/2019	Organic	Toluene-d8	n/a	=	100	%	EPA 624	-88	-88	92	112	
2018/19-5	MO-HUE	srgt environ	5/10/2019	Organic	Toluene-d8	n/a	=	50.4	µg/L	EPA 624	-88	-88			
2018/19-5	MO-HUE	srgt environ, rec	5/10/2019	Organic	Toluene-d8	n/a	=	101	%	EPA 624	-88	-88	92	112	
2018/19-5	MO-MPK	srgt environ	5/17/2019	Organic	Toluene-d8	n/a	=	49.3	µg/L	EPA 624	-88	-88			
2018/19-5	MO-MPK	srgt environ, rec	5/17/2019	Organic	Toluene-d8	n/a	=	99	%	EPA 624	-88	-88	92	112	
2018/19-5	MO-OJA	srgt environ	5/10/2019	Organic	Toluene-d8	n/a	=	50.5	µg/L	EPA 624	-88	-88			
2018/19-5	MO-OJA	srgt environ, rec	5/10/2019	Organic	Toluene-d8	n/a	=	101	%	EPA 624	-88	-88	92	112	
2018/19-5	MO-SIM	srgt environ	5/17/2019	Organic	Toluene-d8	n/a	=	48.5	µg/L	EPA 624	-88	-88			
2018/19-5	MO-SIM	srgt environ, rec	5/17/2019	Organic	Toluene-d8	n/a	=	97	%	EPA 624	-88	-88	92	112	
2018/19-5	MO-THO	srgt environ	5/17/2019	Organic	Toluene-d8	n/a	=	48.6	µg/L	EPA 624	-88	-88			
2018/19-5	MO-THO	srgt environ, rec	5/17/2019	Organic	Toluene-d8	n/a	=	97	%	EPA 624	-88	-88	92	112	
2018/19-5	MO-VEN	srgt environ	5/3/2019	Organic	Toluene-d8	n/a	=	49.5	µg/L	EPA 624	-88	-88			
2018/19-5	MO-VEN	srgt environ, rec	5/3/2019	Organic	Toluene-d8	n/a	=	99	%	EPA 624	-88	-88	92	112	
2018/19-5	000NONPJ	srgt matrix spike	5/6/2019	Organic	Triphenylphosphate	n/a	=	6.17	µg/L	EPA 525.2	-88	-88			
2018/19-5	000NONPJ	srgt matrix spike, rec	5/6/2019	Organic	Triphenylphosphate	n/a	=	123	%	EPA 525.2	-88	-88	70	130	
2018/19-5	000NONPJ	srgt matrix spike dup	5/6/2019	Organic	Triphenylphosphate	n/a	=	6.37	µg/L	EPA 525.2	-88	-88			
2018/19-5	000NONPJ	srgt matrix spike dup, rec	5/6/2019	Organic	Triphenylphosphate	n/a	=	127	%	EPA 525.2	-88	-88	70	130	
2018/19-5	000NONPJ	srgt matrix spike	5/14/2019	Organic	Triphenylphosphate	n/a	=	5.77	µg/L	EPA 525.2	-88	-88			
2018/19-5	000NONPJ	srgt matrix spike, rec	5/14/2019	Organic	Triphenylphosphate	n/a	=	115	%	EPA 525.2	-88	-88	70	130	
2018/19-5	000NONPJ	srgt matrix spike dup	5/14/2019	Organic	Triphenylphosphate	n/a	=	5.98	µg/L	EPA 525.2	-88	-88			
2018/19-5	000NONPJ	srgt matrix spike dup, rec	5/14/2019	Organic	Triphenylphosphate	n/a	=	120	%	EPA 525.2	-88	-88	70	130	
2018/19-5	000NONPJ	srgt matrix spike	5/21/2019	Organic	Triphenylphosphate	n/a	=	0.624	µg/L	EPA 525.2m	-88	-88			
2018/19-5	000NONPJ	srgt matrix spike, rec	5/21/2019	Organic	Triphenylphosphate	n/a	=	125	%	EPA 525.2m	-88	-88	40	163	
2018/19-5	000NONPJ	srgt matrix spike dup	5/21/2019	Organic	Triphenylphosphate	n/a	=	0.591	µg/L	EPA 525.2m	-88	-88			
2018/19-5	000NONPJ	srgt matrix spike dup, rec	5/21/2019	Organic	Triphenylphosphate	n/a	=	118	%	EPA 525.2m	-88	-88	40	163	
2018/19-5	000NONPJ	srgt matrix spike	5/21/2019	Organic	Triphenylphosphate	n/a	=	0.533	µg/L	EPA 525.2m	-88	-88			

Appendix F
Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2018/19-5	000NONPJ	srgt matrix spike, rec	5/21/2019	Organic	Triphenylphosphate	n/a	=	107	%	EPA 525.2m	-88	-88	40	163	
2018/19-5	000NONPJ	srgt matrix spike dup	5/21/2019	Organic	Triphenylphosphate	n/a	=	0.675	µg/L	EPA 525.2m	-88	-88			
2018/19-5	000NONPJ	srgt matrix spike dup, rec	5/21/2019	Organic	Triphenylphosphate	n/a	=	135	%	EPA 525.2m	-88	-88	40	163	
2018/19-5	000NONPJ	srgt matrix spike	6/3/2019	Organic	Triphenylphosphate	n/a	=	0.575	µg/L	EPA 525.2m	-88	-88			
2018/19-5	000NONPJ	srgt matrix spike, rec	6/3/2019	Organic	Triphenylphosphate	n/a	=	115	%	EPA 525.2m	-88	-88	40	163	
2018/19-5	000NONPJ	srgt matrix spike dup	6/3/2019	Organic	Triphenylphosphate	n/a	=	0.657	µg/L	EPA 525.2m	-88	-88			
2018/19-5	000NONPJ	srgt matrix spike dup, rec	6/3/2019	Organic	Triphenylphosphate	n/a	=	131	%	EPA 525.2m	-88	-88	40	163	
2018/19-5	Lab	srgt method blank	5/6/2019	Organic	Triphenylphosphate	n/a	=	4.71	µg/L	EPA 525.2	-88	-88			
2018/19-5	Lab	srgt method blank, rec	5/6/2019	Organic	Triphenylphosphate	n/a	=	94	%	EPA 525.2	-88	-88	70	130	
2018/19-5	Lab	srgt LCS	5/6/2019	Organic	Triphenylphosphate	n/a	=	5.7	µg/L	EPA 525.2	-88	-88			
2018/19-5	Lab	srgt LCS, rec	5/6/2019	Organic	Triphenylphosphate	n/a	=	114	%	EPA 525.2	-88	-88	70	130	
2018/19-5	Lab	srgt LCS	5/14/2019	Organic	Triphenylphosphate	n/a	=	6.08	µg/L	EPA 525.2	-88	-88			
2018/19-5	Lab	srgt LCS, rec	5/14/2019	Organic	Triphenylphosphate	n/a	=	122	%	EPA 525.2	-88	-88	70	130	
2018/19-5	Lab	srgt LCS dup	5/14/2019	Organic	Triphenylphosphate	n/a	=	6.25	µg/L	EPA 525.2	-88	-88			
2018/19-5	Lab	srgt LCS dup, rec	5/14/2019	Organic	Triphenylphosphate	n/a	=	125	%	EPA 525.2	-88	-88	70	130	
2018/19-5	Lab	srgt method blank	5/15/2019	Organic	Triphenylphosphate	n/a	=	5.74	µg/L	EPA 525.2	-88	-88			
2018/19-5	Lab	srgt method blank, rec	5/15/2019	Organic	Triphenylphosphate	n/a	=	115	%	EPA 525.2	-88	-88	70	130	
2018/19-5	Lab	srgt method blank	5/16/2019	Organic	Triphenylphosphate	n/a	=	5.13	µg/L	EPA 525.2	-88	-88			
2018/19-5	Lab	srgt method blank, rec	5/16/2019	Organic	Triphenylphosphate	n/a	=	103	%	EPA 525.2	-88	-88	70	130	
2018/19-5	Lab	srgt LCS	5/16/2019	Organic	Triphenylphosphate	n/a	=	5.57	µg/L	EPA 525.2	-88	-88			
2018/19-5	Lab	srgt LCS, rec	5/16/2019	Organic	Triphenylphosphate	n/a	=	111	%	EPA 525.2	-88	-88	70	130	
2018/19-5	Lab	srgt LCS dup	5/16/2019	Organic	Triphenylphosphate	n/a	=	5.79	µg/L	EPA 525.2	-88	-88			
2018/19-5	Lab	srgt LCS dup, rec	5/16/2019	Organic	Triphenylphosphate	n/a	=	116	%	EPA 525.2	-88	-88	70	130	
2018/19-5	Lab	srgt method blank	5/21/2019	Organic	Triphenylphosphate	n/a	=	0.572	µg/L	EPA 525.2m	-88	-88			
2018/19-5	Lab	srgt method blank, rec	5/21/2019	Organic	Triphenylphosphate	n/a	=	114	%	EPA 525.2m	-88	-88	40	163	
2018/19-5	Lab	srgt LCS	5/21/2019	Organic	Triphenylphosphate	n/a	=	0.624	µg/L	EPA 525.2m	-88	-88			
2018/19-5	Lab	srgt LCS, rec	5/21/2019	Organic	Triphenylphosphate	n/a	=	125	%	EPA 525.2m	-88	-88	40	163	
2018/19-5	Lab	srgt method blank	5/21/2019	Organic	Triphenylphosphate	n/a	=	0.609	µg/L	EPA 525.2m	-88	-88			
2018/19-5	Lab	srgt method blank, rec	5/21/2019	Organic	Triphenylphosphate	n/a	=	122	%	EPA 525.2m	-88	-88	40	163	
2018/19-5	Lab	srgt LCS	5/21/2019	Organic	Triphenylphosphate	n/a	=	0.635	µg/L	EPA 525.2m	-88	-88			
2018/19-5	Lab	srgt LCS, rec	5/21/2019	Organic	Triphenylphosphate	n/a	=	127	%	EPA 525.2m	-88	-88	40	163	
2018/19-5	Lab	srgt method blank	6/3/2019	Organic	Triphenylphosphate	n/a	=	0.69	µg/L	EPA 525.2m	-88	-88			
2018/19-5	Lab	srgt method blank, rec	6/3/2019	Organic	Triphenylphosphate	n/a	=	138	%	EPA 525.2m	-88	-88	40	163	
2018/19-5	Lab	srgt LCS	6/3/2019	Organic	Triphenylphosphate	n/a	=	0.625	µg/L	EPA 525.2m	-88	-88			
2018/19-5	Lab	srgt LCS, rec	6/3/2019	Organic	Triphenylphosphate	n/a	=	125	%	EPA 525.2m	-88	-88	40	163	
2018/19-5	ME-CC	srgt environ	5/17/2019	Organic	Triphenylphosphate	n/a	=	29.6	µg/L	EPA 525.2	-88	-88			
2018/19-5	ME-CC	srgt environ, rec	5/17/2019	Organic	Triphenylphosphate	n/a	=	118	%	EPA 525.2	-88	-88	70	130	
2018/19-5	ME-CC	srgt environ	6/3/2019	Organic	Triphenylphosphate	n/a	=	0.868	µg/L	EPA 525.2m	-88	-88			GN
2018/19-5	ME-CC	srgt environ, rec	6/3/2019	Organic	Triphenylphosphate	n/a	=	174	%	EPA 525.2m	-88	-88	40	163	GN
2018/19-5	ME-SCR	srgt environ	5/6/2019	Organic	Triphenylphosphate	n/a	=	29.6	µg/L	EPA 525.2	-88	-88			
2018/19-5	ME-SCR	srgt environ, rec	5/6/2019	Organic	Triphenylphosphate	n/a	=	118	%	EPA 525.2	-88	-88	70	130	
2018/19-5	ME-SCR	srgt environ	5/21/2019	Organic	Triphenylphosphate	n/a	=	0.688	µg/L	EPA 525.2m	-88	-88			
2018/19-5	ME-SCR	srgt environ, rec	5/21/2019	Organic	Triphenylphosphate	n/a	=	138	%	EPA 525.2m	-88	-88	40	163	
2018/19-5	ME-VR2	srgt environ	5/15/2019	Organic	Triphenylphosphate	n/a	=	5.97	µg/L	EPA 525.2	-88	-88			
2018/19-5	ME-VR2	srgt environ, rec	5/15/2019	Organic	Triphenylphosphate	n/a	=	119	%	EPA 525.2	-88	-88	70	130	
2018/19-5	ME-VR2	srgt environ	5/22/2019	Organic	Triphenylphosphate	n/a	=	0.79	µg/L	EPA 525.2m	-88	-88			
2018/19-5	ME-VR2	srgt environ, rec	5/22/2019	Organic	Triphenylphosphate	n/a	=	158	%	EPA 525.2m	-88	-88	40	163	

Appendix F
Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2018/19-5	MO-CAM	srgt environ	5/17/2019	Organic	Triphenylphosphate	n/a	=	6.35	µg/L	EPA 525.2	-88	-88			
2018/19-5	MO-CAM	srgt environ, rec	5/17/2019	Organic	Triphenylphosphate	n/a	=	127	%	EPA 525.2	-88	-88	70	130	
2018/19-5	MO-CAM	srgt environ	5/22/2019	Organic	Triphenylphosphate	n/a	=	0.569	µg/L	EPA 525.2m	-88	-88			
2018/19-5	MO-CAM	srgt environ, rec	5/22/2019	Organic	Triphenylphosphate	n/a	=	114	%	EPA 525.2m	-88	-88	40	163	
2018/19-5	MO-FIL	srgt environ	5/6/2019	Organic	Triphenylphosphate	n/a	=	5.92	µg/L	EPA 525.2	-88	-88			
2018/19-5	MO-FIL	srgt environ, rec	5/6/2019	Organic	Triphenylphosphate	n/a	=	118	%	EPA 525.2	-88	-88	70	130	
2018/19-5	MO-FIL	srgt environ	5/21/2019	Organic	Triphenylphosphate	n/a	=	0.671	µg/L	EPA 525.2m	-88	-88			
2018/19-5	MO-FIL	srgt environ, rec	5/21/2019	Organic	Triphenylphosphate	n/a	=	134	%	EPA 525.2m	-88	-88	40	163	
2018/19-5	MO-HUE	srgt environ	5/15/2019	Organic	Triphenylphosphate	n/a	=	6.41	µg/L	EPA 525.2	-88	-88			
2018/19-5	MO-HUE	srgt environ, rec	5/15/2019	Organic	Triphenylphosphate	n/a	=	128	%	EPA 525.2	-88	-88	70	130	
2018/19-5	MO-HUE	srgt environ	5/22/2019	Organic	Triphenylphosphate	n/a	=	0.678	µg/L	EPA 525.2m	-88	-88			
2018/19-5	MO-HUE	srgt environ, rec	5/22/2019	Organic	Triphenylphosphate	n/a	=	136	%	EPA 525.2m	-88	-88	40	163	
2018/19-5	MO-MPK	srgt environ	5/17/2019	Organic	Triphenylphosphate	n/a	=	5.85	µg/L	EPA 525.2	-88	-88			
2018/19-5	MO-MPK	srgt environ, rec	5/17/2019	Organic	Triphenylphosphate	n/a	=	117	%	EPA 525.2	-88	-88	70	130	
2018/19-5	MO-MPK	srgt environ	5/22/2019	Organic	Triphenylphosphate	n/a	=	0.731	µg/L	EPA 525.2m	-88	-88			
2018/19-5	MO-MPK	srgt environ, rec	5/22/2019	Organic	Triphenylphosphate	n/a	=	146	%	EPA 525.2m	-88	-88	40	163	
2018/19-5	MO-OJA	srgt environ	5/15/2019	Organic	Triphenylphosphate	n/a	=	6.04	µg/L	EPA 525.2	-88	-88			
2018/19-5	MO-OJA	srgt environ, rec	5/15/2019	Organic	Triphenylphosphate	n/a	=	121	%	EPA 525.2	-88	-88	70	130	
2018/19-5	MO-OJA	srgt environ	5/22/2019	Organic	Triphenylphosphate	n/a	=	0.719	µg/L	EPA 525.2m	-88	-88			
2018/19-5	MO-OJA	srgt environ, rec	5/22/2019	Organic	Triphenylphosphate	n/a	=	144	%	EPA 525.2m	-88	-88	40	163	
2018/19-5	MO-SIM	srgt environ	5/16/2019	Organic	Triphenylphosphate	n/a	=	5.97	µg/L	EPA 525.2	-88	-88			
2018/19-5	MO-SIM	srgt environ, rec	5/16/2019	Organic	Triphenylphosphate	n/a	=	119	%	EPA 525.2	-88	-88	70	130	
2018/19-5	MO-SIM	srgt environ	5/22/2019	Organic	Triphenylphosphate	n/a	=	0.642	µg/L	EPA 525.2m	-88	-88			
2018/19-5	MO-SIM	srgt environ, rec	5/22/2019	Organic	Triphenylphosphate	n/a	=	128	%	EPA 525.2m	-88	-88	40	163	
2018/19-5	MO-THO	srgt environ	5/17/2019	Organic	Triphenylphosphate	n/a	=	5.95	µg/L	EPA 525.2	-88	-88			
2018/19-5	MO-THO	srgt environ, rec	5/17/2019	Organic	Triphenylphosphate	n/a	=	119	%	EPA 525.2	-88	-88	70	130	
2018/19-5	MO-THO	srgt environ	5/22/2019	Organic	Triphenylphosphate	n/a	=	0.78	µg/L	EPA 525.2m	-88	-88			
2018/19-5	MO-THO	srgt environ, rec	5/22/2019	Organic	Triphenylphosphate	n/a	=	156	%	EPA 525.2m	-88	-88	40	163	
2018/19-5	MO-VEN	srgt environ	5/6/2019	Organic	Triphenylphosphate	n/a	=	5.5	µg/L	EPA 525.2	-88	-88			
2018/19-5	MO-VEN	srgt environ, rec	5/6/2019	Organic	Triphenylphosphate	n/a	=	110	%	EPA 525.2	-88	-88	70	130	
2018/19-5	MO-VEN	srgt environ	5/22/2019	Organic	Triphenylphosphate	n/a	=	0.784	µg/L	EPA 525.2m	-88	-88			
2018/19-5	MO-VEN	srgt environ, rec	5/22/2019	Organic	Triphenylphosphate	n/a	=	157	%	EPA 525.2m	-88	-88	40	163	
2018/19-5	000NONPJ	srgt matrix spike	5/13/2019	PCB	PCB 209	n/a	=	0.0804	µg/L	EPA 608	-88	-88			
2018/19-5	000NONPJ	srgt matrix spike, rec	5/13/2019	PCB	PCB 209	n/a	=	80	%	EPA 608	-88	-88	34	125	
2018/19-5	000NONPJ	srgt matrix spike dup	5/13/2019	PCB	PCB 209	n/a	=	0.0663	µg/L	EPA 608	-88	-88			
2018/19-5	000NONPJ	srgt matrix spike dup, rec	5/13/2019	PCB	PCB 209	n/a	=	66	%	EPA 608	-88	-88	34	125	
2018/19-5	000NONPJ	srgt matrix spike	5/13/2019	PCB	PCB 209	n/a	=	0.483	µg/L	EPA 608	-88	-88			
2018/19-5	000NONPJ	srgt matrix spike, rec	5/13/2019	PCB	PCB 209	n/a	=	97	%	EPA 608	-88	-88	34	125	
2018/19-5	000NONPJ	srgt matrix spike dup	5/13/2019	PCB	PCB 209	n/a	=	0.457	µg/L	EPA 608	-88	-88			
2018/19-5	000NONPJ	srgt matrix spike dup, rec	5/13/2019	PCB	PCB 209	n/a	=	91	%	EPA 608	-88	-88	34	125	
2018/19-5	000NONPJ	srgt matrix spike	5/14/2019	PCB	PCB 209	n/a	=	0.0954	µg/L	EPA 608	-88	-88			
2018/19-5	000NONPJ	srgt matrix spike, rec	5/14/2019	PCB	PCB 209	n/a	=	95	%	EPA 608	-88	-88	34	125	
2018/19-5	000NONPJ	srgt matrix spike dup	5/14/2019	PCB	PCB 209	n/a	=	0.0925	µg/L	EPA 608	-88	-88			
2018/19-5	000NONPJ	srgt matrix spike dup, rec	5/14/2019	PCB	PCB 209	n/a	=	92	%	EPA 608	-88	-88	34	125	
2018/19-5	000NONPJ	srgt matrix spike	5/14/2019	PCB	PCB 209	n/a	=	0.438	µg/L	EPA 608	-88	-88			
2018/19-5	000NONPJ	srgt matrix spike, rec	5/14/2019	PCB	PCB 209	n/a	=	88	%	EPA 608	-88	-88	34	125	
2018/19-5	000NONPJ	srgt matrix spike dup	5/14/2019	PCB	PCB 209	n/a	=	0.362	µg/L	EPA 608	-88	-88			

Appendix F
Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2018/19-5	000NONPJ	srgt matrix spike dup, rec	5/14/2019	PCB	PCB 209	n/a	=	72	%	EPA 608	-88	-88	34	125	
2018/19-5	Lab	srgt method blank	5/10/2019	PCB	PCB 209	n/a	=	0.0947	µg/L	EPA 608	-88	-88			
2018/19-5	Lab	srgt method blank, rec	5/10/2019	PCB	PCB 209	n/a	=	95	%	EPA 608	-88	-88	34	125	
2018/19-5	Lab	srgt LCS	5/10/2019	PCB	PCB 209	n/a	=	0.0905	µg/L	EPA 608	-88	-88			
2018/19-5	Lab	srgt LCS, rec	5/10/2019	PCB	PCB 209	n/a	=	91	%	EPA 608	-88	-88	34	125	
2018/19-5	Lab	srgt LCS dup	5/10/2019	PCB	PCB 209	n/a	=	0.0795	µg/L	EPA 608	-88	-88			
2018/19-5	Lab	srgt LCS dup, rec	5/10/2019	PCB	PCB 209	n/a	=	80	%	EPA 608	-88	-88	34	125	
2018/19-5	Lab	srgt method blank	5/13/2019	PCB	PCB 209	n/a	=	0.0713	µg/L	EPA 608	-88	-88			
2018/19-5	Lab	srgt method blank, rec	5/13/2019	PCB	PCB 209	n/a	=	71	%	EPA 608	-88	-88	34	125	
2018/19-5	Lab	srgt LCS	5/13/2019	PCB	PCB 209	n/a	=	0.0775	µg/L	EPA 608	-88	-88			
2018/19-5	Lab	srgt LCS, rec	5/13/2019	PCB	PCB 209	n/a	=	77	%	EPA 608	-88	-88	34	125	
2018/19-5	Lab	srgt method blank	5/14/2019	PCB	PCB 209	n/a	=	0.0726	µg/L	EPA 608	-88	-88			
2018/19-5	Lab	srgt method blank, rec	5/14/2019	PCB	PCB 209	n/a	=	73	%	EPA 608	-88	-88	34	125	
2018/19-5	Lab	srgt LCS	5/14/2019	PCB	PCB 209	n/a	=	0.0892	µg/L	EPA 608	-88	-88			
2018/19-5	Lab	srgt LCS, rec	5/14/2019	PCB	PCB 209	n/a	=	89	%	EPA 608	-88	-88	34	125	
2018/19-5	Lab	srgt method blank	5/17/2019	PCB	PCB 209	n/a	=	0.0921	µg/L	EPA 608	-88	-88			
2018/19-5	Lab	srgt method blank, rec	5/17/2019	PCB	PCB 209	n/a	=	92	%	EPA 608	-88	-88	34	125	
2018/19-5	Lab	srgt LCS	5/17/2019	PCB	PCB 209	n/a	=	0.115	µg/L	EPA 608	-88	-88			
2018/19-5	Lab	srgt LCS, rec	5/17/2019	PCB	PCB 209	n/a	=	115	%	EPA 608	-88	-88	34	125	
2018/19-5	Lab	srgt LCS dup	5/17/2019	PCB	PCB 209	n/a	=	0.11	µg/L	EPA 608	-88	-88			
2018/19-5	Lab	srgt LCS dup, rec	5/17/2019	PCB	PCB 209	n/a	=	110	%	EPA 608	-88	-88	34	125	
2018/19-5	Lab	srgt method blank	5/21/2019	PCB	PCB 209	n/a	=	0.1	µg/L	EPA 608	-88	-88			
2018/19-5	Lab	srgt method blank, rec	5/21/2019	PCB	PCB 209	n/a	=	100	%	EPA 608	-88	-88	34	125	
2018/19-5	Lab	srgt LCS	5/21/2019	PCB	PCB 209	n/a	=	0.111	µg/L	EPA 608	-88	-88			
2018/19-5	Lab	srgt LCS, rec	5/21/2019	PCB	PCB 209	n/a	=	111	%	EPA 608	-88	-88	34	125	
2018/19-5	Lab	srgt LCS dup	5/21/2019	PCB	PCB 209	n/a	=	0.11	µg/L	EPA 608	-88	-88			
2018/19-5	Lab	srgt LCS dup, rec	5/21/2019	PCB	PCB 209	n/a	=	110	%	EPA 608	-88	-88	34	125	
2018/19-5	ME-CC	srgt environ	5/21/2019	PCB	PCB 209	n/a	=	0.119	µg/L	EPA 608	-88	-88			
2018/19-5	ME-CC	srgt environ, rec	5/21/2019	PCB	PCB 209	n/a	=	119	%	EPA 608	-88	-88	34	125	
2018/19-5	ME-SCR	srgt environ	5/10/2019	PCB	PCB 209	n/a	=	0.0671	µg/L	EPA 608	-88	-88			
2018/19-5	ME-SCR	srgt environ, rec	5/10/2019	PCB	PCB 209	n/a	=	67	%	EPA 608	-88	-88	34	125	
2018/19-5	ME-VR2	srgt environ	5/14/2019	PCB	PCB 209	n/a	=	0.0957	µg/L	EPA 608	-88	-88			
2018/19-5	ME-VR2	srgt environ, rec	5/14/2019	PCB	PCB 209	n/a	=	96	%	EPA 608	-88	-88	34	125	
2018/19-5	MO-CAM	srgt environ	5/21/2019	PCB	PCB 209	n/a	=	0.109	µg/L	EPA 608	-88	-88			
2018/19-5	MO-CAM	srgt environ, rec	5/21/2019	PCB	PCB 209	n/a	=	109	%	EPA 608	-88	-88	34	125	
2018/19-5	MO-FIL	srgt environ	5/11/2019	PCB	PCB 209	n/a	=	0.0816	µg/L	EPA 608	-88	-88			
2018/19-5	MO-FIL	srgt environ, rec	5/11/2019	PCB	PCB 209	n/a	=	82	%	EPA 608	-88	-88	34	125	
2018/19-5	MO-HUE	srgt environ	5/15/2019	PCB	PCB 209	n/a	=	0.0725	µg/L	EPA 608	-88	-88			
2018/19-5	MO-HUE	srgt environ, rec	5/15/2019	PCB	PCB 209	n/a	=	72	%	EPA 608	-88	-88	34	125	
2018/19-5	MO-MPK	srgt environ	5/21/2019	PCB	PCB 209	n/a	=	0.112	µg/L	EPA 608	-88	-88			
2018/19-5	MO-MPK	srgt environ, rec	5/21/2019	PCB	PCB 209	n/a	=	112	%	EPA 608	-88	-88	34	125	
2018/19-5	MO-OJA	srgt environ	5/14/2019	PCB	PCB 209	n/a	=	0.0908	µg/L	EPA 608	-88	-88			
2018/19-5	MO-OJA	srgt environ, rec	5/14/2019	PCB	PCB 209	n/a	=	91	%	EPA 608	-88	-88	34	125	
2018/19-5	MO-SIM	srgt environ	5/21/2019	PCB	PCB 209	n/a	=	0.117	µg/L	EPA 608	-88	-88			
2018/19-5	MO-SIM	srgt environ, rec	5/21/2019	PCB	PCB 209	n/a	=	117	%	EPA 608	-88	-88	34	125	
2018/19-5	MO-THO	srgt environ	5/21/2019	PCB	PCB 209	n/a	=	0.124	µg/L	EPA 608	-88	-88			
2018/19-5	MO-THO	srgt environ, rec	5/21/2019	PCB	PCB 209	n/a	=	124	%	EPA 608	-88	-88	34	125	

Appendix F
Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2018/19-5	MO-VEN	srgt environ	5/10/2019	PCB	PCB 209	n/a	=	0.28	µg/L	EPA 608	-88	-88			
2018/19-5	MO-VEN	srgt environ, rec	5/10/2019	PCB	PCB 209	n/a	=	56	%	EPA 608	-88	-88	34	125	
2018/19-5	000NONPJ	matrix spike	5/10/2019	Pesticide	2,4,5-T	n/a	=	4.2	µg/L	EPA 515.4	0.07	0.2			
2018/19-5	000NONPJ	matrix spike, rec	5/10/2019	Pesticide	2,4,5-T	n/a	=	105	%	EPA 515.4	-88	-88	70	130	
2018/19-5	000NONPJ	matrix spike dup	5/10/2019	Pesticide	2,4,5-T	n/a	=	3.82	µg/L	EPA 515.4	0.07	0.2			
2018/19-5	000NONPJ	matrix spike dup, rec	5/10/2019	Pesticide	2,4,5-T	n/a	=	95	%	EPA 515.4	-88	-88	70	130	
2018/19-5	000NONPJ	matrix spike, RPD	5/10/2019	Pesticide	2,4,5-T	n/a	=	10	%	EPA 515.4	-88	-88	0	30	
2018/19-5	000NONPJ	matrix spike	5/16/2019	Pesticide	2,4,5-T	n/a	=	3.67	µg/L	EPA 515.4	0.07	0.2			
2018/19-5	000NONPJ	matrix spike, rec	5/16/2019	Pesticide	2,4,5-T	n/a	=	92	%	EPA 515.4	-88	-88	70	130	
2018/19-5	000NONPJ	matrix spike dup	5/16/2019	Pesticide	2,4,5-T	n/a	=	3.53	µg/L	EPA 515.4	0.07	0.2			
2018/19-5	000NONPJ	matrix spike dup, rec	5/16/2019	Pesticide	2,4,5-T	n/a	=	88	%	EPA 515.4	-88	-88	70	130	
2018/19-5	000NONPJ	matrix spike, RPD	5/16/2019	Pesticide	2,4,5-T	n/a	=	4	%	EPA 515.4	-88	-88	0	30	
2018/19-5	000NONPJ	matrix spike	5/23/2019	Pesticide	2,4,5-T	n/a	=	4.21	µg/L	EPA 515.4	0.07	0.2			
2018/19-5	000NONPJ	matrix spike, rec	5/23/2019	Pesticide	2,4,5-T	n/a	=	105	%	EPA 515.4	-88	-88	70	130	
2018/19-5	000NONPJ	matrix spike dup	5/23/2019	Pesticide	2,4,5-T	n/a	=	3.99	µg/L	EPA 515.4	0.07	0.2			
2018/19-5	000NONPJ	matrix spike dup, rec	5/23/2019	Pesticide	2,4,5-T	n/a	=	100	%	EPA 515.4	-88	-88	70	130	
2018/19-5	000NONPJ	matrix spike, RPD	5/23/2019	Pesticide	2,4,5-T	n/a	=	5	%	EPA 515.4	-88	-88	0	30	
2018/19-5	Lab	method blank	5/10/2019	Pesticide	2,4,5-T	n/a	<	0.07	µg/L	EPA 515.4	0.07	0.2			
2018/19-5	Lab	LCS	5/10/2019	Pesticide	2,4,5-T	n/a	=	3.81	µg/L	EPA 515.4	0.07	0.2			
2018/19-5	Lab	LCS, rec	5/10/2019	Pesticide	2,4,5-T	n/a	=	95	%	EPA 515.4	-88	-88	70	130	
2018/19-5	Lab	method blank	5/15/2019	Pesticide	2,4,5-T	n/a	<	0.07	µg/L	EPA 515.4	0.07	0.2			
2018/19-5	Lab	LCS	5/15/2019	Pesticide	2,4,5-T	n/a	=	3.52	µg/L	EPA 515.4	0.07	0.2			
2018/19-5	Lab	LCS, rec	5/15/2019	Pesticide	2,4,5-T	n/a	=	88	%	EPA 515.4	-88	-88	70	130	
2018/19-5	Lab	method blank	5/23/2019	Pesticide	2,4,5-T	n/a	<	0.07	µg/L	EPA 515.4	0.07	0.2			
2018/19-5	Lab	LCS	5/23/2019	Pesticide	2,4,5-T	n/a	=	3.86	µg/L	EPA 515.4	0.07	0.2			
2018/19-5	Lab	LCS, rec	5/23/2019	Pesticide	2,4,5-T	n/a	=	96	%	EPA 515.4	-88	-88	70	130	
2018/19-5	000NONPJ	matrix spike	5/10/2019	Pesticide	2,4,5-TP	n/a	=	4.29	µg/L	EPA 515.4	0.09	0.2			
2018/19-5	000NONPJ	matrix spike, rec	5/10/2019	Pesticide	2,4,5-TP	n/a	=	107	%	EPA 515.4	-88	-88	70	130	
2018/19-5	000NONPJ	matrix spike dup	5/10/2019	Pesticide	2,4,5-TP	n/a	=	4.02	µg/L	EPA 515.4	0.09	0.2			
2018/19-5	000NONPJ	matrix spike dup, rec	5/10/2019	Pesticide	2,4,5-TP	n/a	=	100	%	EPA 515.4	-88	-88	70	130	
2018/19-5	000NONPJ	matrix spike, RPD	5/10/2019	Pesticide	2,4,5-TP	n/a	=	7	%	EPA 515.4	-88	-88	0	30	
2018/19-5	000NONPJ	matrix spike	5/16/2019	Pesticide	2,4,5-TP	n/a	=	4.1	µg/L	EPA 515.4	0.09	0.2			
2018/19-5	000NONPJ	matrix spike, rec	5/16/2019	Pesticide	2,4,5-TP	n/a	=	103	%	EPA 515.4	-88	-88	70	130	
2018/19-5	000NONPJ	matrix spike dup	5/16/2019	Pesticide	2,4,5-TP	n/a	=	3.95	µg/L	EPA 515.4	0.09	0.2			
2018/19-5	000NONPJ	matrix spike dup, rec	5/16/2019	Pesticide	2,4,5-TP	n/a	=	99	%	EPA 515.4	-88	-88	70	130	
2018/19-5	000NONPJ	matrix spike, RPD	5/16/2019	Pesticide	2,4,5-TP	n/a	=	4	%	EPA 515.4	-88	-88	0	30	
2018/19-5	000NONPJ	matrix spike	5/23/2019	Pesticide	2,4,5-TP	n/a	=	4.43	µg/L	EPA 515.4	0.09	0.2			
2018/19-5	000NONPJ	matrix spike, rec	5/23/2019	Pesticide	2,4,5-TP	n/a	=	111	%	EPA 515.4	-88	-88	70	130	
2018/19-5	000NONPJ	matrix spike dup	5/23/2019	Pesticide	2,4,5-TP	n/a	=	4.13	µg/L	EPA 515.4	0.09	0.2			
2018/19-5	000NONPJ	matrix spike dup, rec	5/23/2019	Pesticide	2,4,5-TP	n/a	=	103	%	EPA 515.4	-88	-88	70	130	
2018/19-5	000NONPJ	matrix spike, RPD	5/23/2019	Pesticide	2,4,5-TP	n/a	=	7	%	EPA 515.4	-88	-88	0	30	
2018/19-5	Lab	method blank	5/10/2019	Pesticide	2,4,5-TP	n/a	<	0.09	µg/L	EPA 515.4	0.09	0.2			
2018/19-5	Lab	LCS	5/10/2019	Pesticide	2,4,5-TP	n/a	=	3.91	µg/L	EPA 515.4	0.09	0.2			
2018/19-5	Lab	LCS, rec	5/10/2019	Pesticide	2,4,5-TP	n/a	=	98	%	EPA 515.4	-88	-88	70	130	
2018/19-5	Lab	method blank	5/15/2019	Pesticide	2,4,5-TP	n/a	<	0.09	µg/L	EPA 515.4	0.09	0.2			
2018/19-5	Lab	LCS	5/15/2019	Pesticide	2,4,5-TP	n/a	=	3.75	µg/L	EPA 515.4	0.09	0.2			
2018/19-5	Lab	LCS, rec	5/15/2019	Pesticide	2,4,5-TP	n/a	=	94	%	EPA 515.4	-88	-88	70	130	

Appendix F
Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2018/19-5	Lab	method blank	5/23/2019	Pesticide	2,4,5-TP	n/a	<	0.09	µg/L	EPA 515.4	0.09	0.2			
2018/19-5	Lab	LCS	5/23/2019	Pesticide	2,4,5-TP	n/a	=	3.92	µg/L	EPA 515.4	0.09	0.2			
2018/19-5	Lab	LCS, rec	5/23/2019	Pesticide	2,4,5-TP	n/a	=	98	%	EPA 515.4	-88	-88	70	130	
2018/19-5	000NONPJ	matrix spike	5/10/2019	Pesticide	2,4-D	n/a	=	8.18	µg/L	EPA 515.4	0.07	0.4			
2018/19-5	000NONPJ	matrix spike, rec	5/10/2019	Pesticide	2,4-D	n/a	=	102	%	EPA 515.4	-88	-88	70	130	
2018/19-5	000NONPJ	matrix spike dup	5/10/2019	Pesticide	2,4-D	n/a	=	7.6	µg/L	EPA 515.4	0.07	0.4			
2018/19-5	000NONPJ	matrix spike dup, rec	5/10/2019	Pesticide	2,4-D	n/a	=	95	%	EPA 515.4	-88	-88	70	130	
2018/19-5	000NONPJ	matrix spike, RPD	5/10/2019	Pesticide	2,4-D	n/a	=	7	%	EPA 515.4	-88	-88	0	30	
2018/19-5	000NONPJ	matrix spike	5/16/2019	Pesticide	2,4-D	n/a	=	7.01	µg/L	EPA 515.4	0.07	0.4			
2018/19-5	000NONPJ	matrix spike, rec	5/16/2019	Pesticide	2,4-D	n/a	=	88	%	EPA 515.4	-88	-88	70	130	
2018/19-5	000NONPJ	matrix spike dup	5/16/2019	Pesticide	2,4-D	n/a	=	6.79	µg/L	EPA 515.4	0.07	0.4			
2018/19-5	000NONPJ	matrix spike dup, rec	5/16/2019	Pesticide	2,4-D	n/a	=	85	%	EPA 515.4	-88	-88	70	130	
2018/19-5	000NONPJ	matrix spike, RPD	5/16/2019	Pesticide	2,4-D	n/a	=	3	%	EPA 515.4	-88	-88	0	30	
2018/19-5	000NONPJ	matrix spike	5/23/2019	Pesticide	2,4-D	n/a	=	7.89	µg/L	EPA 515.4	0.07	0.4			
2018/19-5	000NONPJ	matrix spike, rec	5/23/2019	Pesticide	2,4-D	n/a	=	99	%	EPA 515.4	-88	-88	70	130	
2018/19-5	000NONPJ	matrix spike dup	5/23/2019	Pesticide	2,4-D	n/a	=	7.3	µg/L	EPA 515.4	0.07	0.4			
2018/19-5	000NONPJ	matrix spike dup, rec	5/23/2019	Pesticide	2,4-D	n/a	=	91	%	EPA 515.4	-88	-88	70	130	
2018/19-5	000NONPJ	matrix spike, RPD	5/23/2019	Pesticide	2,4-D	n/a	=	8	%	EPA 515.4	-88	-88	0	30	
2018/19-5	Lab	method blank	5/10/2019	Pesticide	2,4-D	n/a	<	0.07	µg/L	EPA 515.4	0.07	0.4			
2018/19-5	Lab	LCS	5/10/2019	Pesticide	2,4-D	n/a	=	7.39	µg/L	EPA 515.4	0.07	0.4			
2018/19-5	Lab	LCS, rec	5/10/2019	Pesticide	2,4-D	n/a	=	92	%	EPA 515.4	-88	-88	70	130	
2018/19-5	Lab	method blank	5/15/2019	Pesticide	2,4-D	n/a	<	0.07	µg/L	EPA 515.4	0.07	0.4			
2018/19-5	Lab	LCS	5/15/2019	Pesticide	2,4-D	n/a	=	6.89	µg/L	EPA 515.4	0.07	0.4			
2018/19-5	Lab	LCS, rec	5/15/2019	Pesticide	2,4-D	n/a	=	86	%	EPA 515.4	-88	-88	70	130	
2018/19-5	Lab	method blank	5/23/2019	Pesticide	2,4-D	n/a	<	0.07	µg/L	EPA 515.4	0.07	0.4			
2018/19-5	Lab	LCS	5/23/2019	Pesticide	2,4-D	n/a	=	7.34	µg/L	EPA 515.4	0.07	0.4			
2018/19-5	Lab	LCS, rec	5/23/2019	Pesticide	2,4-D	n/a	=	92	%	EPA 515.4	-88	-88	70	130	
2018/19-5	000NONPJ	matrix spike	5/10/2019	Pesticide	2,4-DB	n/a	=	18.9	µg/L	EPA 515.4	0.07	2			
2018/19-5	000NONPJ	matrix spike, rec	5/10/2019	Pesticide	2,4-DB	n/a	=	118	%	EPA 515.4	-88	-88	70	130	
2018/19-5	000NONPJ	matrix spike dup	5/10/2019	Pesticide	2,4-DB	n/a	=	18.5	µg/L	EPA 515.4	0.07	2			
2018/19-5	000NONPJ	matrix spike dup, rec	5/10/2019	Pesticide	2,4-DB	n/a	=	116	%	EPA 515.4	-88	-88	70	130	
2018/19-5	000NONPJ	matrix spike, RPD	5/10/2019	Pesticide	2,4-DB	n/a	=	2	%	EPA 515.4	-88	-88	0	30	
2018/19-5	000NONPJ	matrix spike	5/16/2019	Pesticide	2,4-DB	n/a	=	15.5	µg/L	EPA 515.4	0.07	2			
2018/19-5	000NONPJ	matrix spike, rec	5/16/2019	Pesticide	2,4-DB	n/a	=	97	%	EPA 515.4	-88	-88	70	130	
2018/19-5	000NONPJ	matrix spike dup	5/16/2019	Pesticide	2,4-DB	n/a	=	14.5	µg/L	EPA 515.4	0.07	2			
2018/19-5	000NONPJ	matrix spike dup, rec	5/16/2019	Pesticide	2,4-DB	n/a	=	91	%	EPA 515.4	-88	-88	70	130	
2018/19-5	000NONPJ	matrix spike, RPD	5/16/2019	Pesticide	2,4-DB	n/a	=	6	%	EPA 515.4	-88	-88	0	30	
2018/19-5	000NONPJ	matrix spike	5/23/2019	Pesticide	2,4-DB	n/a	=	21.9	µg/L	EPA 515.4	0.07	2			GB
2018/19-5	000NONPJ	matrix spike, rec	5/23/2019	Pesticide	2,4-DB	n/a	=	137	%	EPA 515.4	-88	-88	70	130	GB
2018/19-5	000NONPJ	matrix spike dup	5/23/2019	Pesticide	2,4-DB	n/a	=	20.7	µg/L	EPA 515.4	0.07	2			
2018/19-5	000NONPJ	matrix spike dup, rec	5/23/2019	Pesticide	2,4-DB	n/a	=	129	%	EPA 515.4	-88	-88	70	130	
2018/19-5	000NONPJ	matrix spike, RPD	5/23/2019	Pesticide	2,4-DB	n/a	=	6	%	EPA 515.4	-88	-88	0	30	
2018/19-5	Lab	method blank	5/10/2019	Pesticide	2,4-DB	n/a	<	0.07	µg/L	EPA 515.4	0.07	2			
2018/19-5	Lab	LCS	5/10/2019	Pesticide	2,4-DB	n/a	=	15.6	µg/L	EPA 515.4	0.07	2			
2018/19-5	Lab	LCS, rec	5/10/2019	Pesticide	2,4-DB	n/a	=	98	%	EPA 515.4	-88	-88	70	130	
2018/19-5	Lab	method blank	5/15/2019	Pesticide	2,4-DB	n/a	<	0.07	µg/L	EPA 515.4	0.07	2			
2018/19-5	Lab	LCS	5/15/2019	Pesticide	2,4-DB	n/a	=	13.6	µg/L	EPA 515.4	0.07	2			

Appendix F
Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2018/19-5	Lab	LCS, rec	5/15/2019	Pesticide	2,4-DB	n/a	=	85	%	EPA 515.4	-88	-88	70	130	
2018/19-5	Lab	method blank	5/23/2019	Pesticide	2,4-DB	n/a	<	0.07	µg/L	EPA 515.4	0.07	2			
2018/19-5	Lab	LCS	5/23/2019	Pesticide	2,4-DB	n/a	=	15.8	µg/L	EPA 515.4	0.07	2			
2018/19-5	Lab	LCS, rec	5/23/2019	Pesticide	2,4-DB	n/a	=	99	%	EPA 515.4	-88	-88	70	130	
2018/19-5	000NONPJ	matrix spike	5/10/2019	Pesticide	3,5-Dichlorobenzoic acid	n/a	=	22	µg/L	EPA 515.4	0.09	1			GB
2018/19-5	000NONPJ	matrix spike, rec	5/10/2019	Pesticide	3,5-Dichlorobenzoic acid	n/a	=	275	%	EPA 515.4	-88	-88	70	130	GB
2018/19-5	000NONPJ	matrix spike dup	5/10/2019	Pesticide	3,5-Dichlorobenzoic acid	n/a	=	13.4	µg/L	EPA 515.4	0.09	1			GB,IL
2018/19-5	000NONPJ	matrix spike dup, rec	5/10/2019	Pesticide	3,5-Dichlorobenzoic acid	n/a	=	167	%	EPA 515.4	-88	-88	70	130	GB,IL
2018/19-5	000NONPJ	matrix spike, RPD	5/10/2019	Pesticide	3,5-Dichlorobenzoic acid	n/a	=	49	%	EPA 515.4	-88	-88	0	30	GB,IL
2018/19-5	000NONPJ	matrix spike	5/16/2019	Pesticide	3,5-Dichlorobenzoic acid	n/a	=	9.75	µg/L	EPA 515.4	0.09	1			
2018/19-5	000NONPJ	matrix spike, rec	5/16/2019	Pesticide	3,5-Dichlorobenzoic acid	n/a	=	122	%	EPA 515.4	-88	-88	70	130	
2018/19-5	000NONPJ	matrix spike dup	5/16/2019	Pesticide	3,5-Dichlorobenzoic acid	n/a	=	8.37	µg/L	EPA 515.4	0.09	1			
2018/19-5	000NONPJ	matrix spike dup, rec	5/16/2019	Pesticide	3,5-Dichlorobenzoic acid	n/a	=	105	%	EPA 515.4	-88	-88	70	130	
2018/19-5	000NONPJ	matrix spike, RPD	5/16/2019	Pesticide	3,5-Dichlorobenzoic acid	n/a	=	15	%	EPA 515.4	-88	-88	0	30	
2018/19-5	000NONPJ	matrix spike	5/23/2019	Pesticide	3,5-Dichlorobenzoic acid	n/a	=	10.9	µg/L	EPA 515.4	0.09	1			GB
2018/19-5	000NONPJ	matrix spike, rec	5/23/2019	Pesticide	3,5-Dichlorobenzoic acid	n/a	=	136	%	EPA 515.4	-88	-88	70	130	GB
2018/19-5	000NONPJ	matrix spike dup	5/23/2019	Pesticide	3,5-Dichlorobenzoic acid	n/a	=	9.94	µg/L	EPA 515.4	0.09	1			
2018/19-5	000NONPJ	matrix spike dup, rec	5/23/2019	Pesticide	3,5-Dichlorobenzoic acid	n/a	=	124	%	EPA 515.4	-88	-88	70	130	
2018/19-5	000NONPJ	matrix spike, RPD	5/23/2019	Pesticide	3,5-Dichlorobenzoic acid	n/a	=	9	%	EPA 515.4	-88	-88	0	30	
2018/19-5	Lab	method blank	5/10/2019	Pesticide	3,5-Dichlorobenzoic acid	n/a	<	0.09	µg/L	EPA 515.4	0.09	1			
2018/19-5	Lab	LCS	5/10/2019	Pesticide	3,5-Dichlorobenzoic acid	n/a	=	7.6	µg/L	EPA 515.4	0.09	1			
2018/19-5	Lab	LCS, rec	5/10/2019	Pesticide	3,5-Dichlorobenzoic acid	n/a	=	95	%	EPA 515.4	-88	-88	70	130	
2018/19-5	Lab	method blank	5/15/2019	Pesticide	3,5-Dichlorobenzoic acid	n/a	<	0.09	µg/L	EPA 515.4	0.09	1			
2018/19-5	Lab	LCS	5/15/2019	Pesticide	3,5-Dichlorobenzoic acid	n/a	=	7.19	µg/L	EPA 515.4	0.09	1			
2018/19-5	Lab	LCS, rec	5/15/2019	Pesticide	3,5-Dichlorobenzoic acid	n/a	=	90	%	EPA 515.4	-88	-88	70	130	
2018/19-5	Lab	method blank	5/23/2019	Pesticide	3,5-Dichlorobenzoic acid	n/a	<	0.09	µg/L	EPA 515.4	0.09	1			
2018/19-5	Lab	LCS	5/23/2019	Pesticide	3,5-Dichlorobenzoic acid	n/a	=	7.64	µg/L	EPA 515.4	0.09	1			
2018/19-5	Lab	LCS, rec	5/23/2019	Pesticide	3,5-Dichlorobenzoic acid	n/a	=	95	%	EPA 515.4	-88	-88	70	130	
2018/19-5	000NONPJ	matrix spike	5/13/2019	Pesticide	4,4'-DDD	n/a	=	0.0859	µg/L	EPA 608	0.003	0.005			
2018/19-5	000NONPJ	matrix spike, rec	5/13/2019	Pesticide	4,4'-DDD	n/a	=	86	%	EPA 608	-88	-88	23	124	
2018/19-5	000NONPJ	matrix spike dup	5/13/2019	Pesticide	4,4'-DDD	n/a	=	0.0682	µg/L	EPA 608	0.003	0.005			
2018/19-5	000NONPJ	matrix spike dup, rec	5/13/2019	Pesticide	4,4'-DDD	n/a	=	68	%	EPA 608	-88	-88	23	124	
2018/19-5	000NONPJ	matrix spike, RPD	5/13/2019	Pesticide	4,4'-DDD	n/a	=	23	%	EPA 608	-88	-88	0	30	
2018/19-5	000NONPJ	matrix spike	5/13/2019	Pesticide	4,4'-DDD	n/a	=	0.426	µg/L	EPA 608	0.015	0.025			
2018/19-5	000NONPJ	matrix spike, rec	5/13/2019	Pesticide	4,4'-DDD	n/a	=	85	%	EPA 608	-88	-88	23	124	
2018/19-5	000NONPJ	matrix spike dup	5/13/2019	Pesticide	4,4'-DDD	n/a	=	0.42	µg/L	EPA 608	0.015	0.025			
2018/19-5	000NONPJ	matrix spike dup, rec	5/13/2019	Pesticide	4,4'-DDD	n/a	=	84	%	EPA 608	-88	-88	23	124	
2018/19-5	000NONPJ	matrix spike, RPD	5/13/2019	Pesticide	4,4'-DDD	n/a	=	2	%	EPA 608	-88	-88	0	30	
2018/19-5	000NONPJ	matrix spike	5/14/2019	Pesticide	4,4'-DDD	n/a	=	0.0959	µg/L	EPA 608	0.03	0.05			
2018/19-5	000NONPJ	matrix spike, rec	5/14/2019	Pesticide	4,4'-DDD	n/a	=	96	%	EPA 608	-88	-88	23	124	
2018/19-5	000NONPJ	matrix spike dup	5/14/2019	Pesticide	4,4'-DDD	n/a	=	0.0878	µg/L	EPA 608	0.03	0.05			
2018/19-5	000NONPJ	matrix spike dup, rec	5/14/2019	Pesticide	4,4'-DDD	n/a	=	88	%	EPA 608	-88	-88	23	124	
2018/19-5	000NONPJ	matrix spike, RPD	5/14/2019	Pesticide	4,4'-DDD	n/a	=	9	%	EPA 608	-88	-88	0	30	
2018/19-5	000NONPJ	matrix spike	5/14/2019	Pesticide	4,4'-DDD	n/a	=	0.507	µg/L	EPA 608	0.015	0.025			
2018/19-5	000NONPJ	matrix spike, rec	5/14/2019	Pesticide	4,4'-DDD	n/a	=	101	%	EPA 608	-88	-88	23	124	
2018/19-5	000NONPJ	matrix spike dup	5/14/2019	Pesticide	4,4'-DDD	n/a	=	0.396	µg/L	EPA 608	0.015	0.025			
2018/19-5	000NONPJ	matrix spike dup, rec	5/14/2019	Pesticide	4,4'-DDD	n/a	=	79	%	EPA 608	-88	-88	23	124	

Appendix F
Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2018/19-5	000NONPJ	matrix spike, RPD	5/14/2019	Pesticide	4,4'-DDD	n/a	=	25	%	EPA 608	-88	-88	0	30	
2018/19-5	Lab	method blank	5/10/2019	Pesticide	4,4'-DDD	n/a	<	0.003	µg/L	EPA 608	0.003	0.05			
2018/19-5	Lab	LCS	5/10/2019	Pesticide	4,4'-DDD	n/a	=	0.0953	µg/L	EPA 608	0.003	0.05			
2018/19-5	Lab	LCS, rec	5/10/2019	Pesticide	4,4'-DDD	n/a	=	95	%	EPA 608	-88	-88	42	133	
2018/19-5	Lab	LCS dup	5/10/2019	Pesticide	4,4'-DDD	n/a	=	0.0951	µg/L	EPA 608	0.003	0.05			
2018/19-5	Lab	LCS dup, rec	5/10/2019	Pesticide	4,4'-DDD	n/a	=	95	%	EPA 608	-88	-88	42	133	
2018/19-5	Lab	LCS, RPD	5/10/2019	Pesticide	4,4'-DDD	n/a	=	0.3	%	EPA 608	-88	-88	0	30	
2018/19-5	Lab	method blank	5/13/2019	Pesticide	4,4'-DDD	n/a	<	0.003	µg/L	EPA 608	0.003	0.005			
2018/19-5	Lab	LCS	5/13/2019	Pesticide	4,4'-DDD	n/a	=	0.283	µg/L	EPA 608	0.003	0.005			EUM
2018/19-5	Lab	LCS, rec	5/13/2019	Pesticide	4,4'-DDD	n/a	=	283	%	EPA 608	-88	-88	42	133	EUM
2018/19-5	Lab	method blank	5/14/2019	Pesticide	4,4'-DDD	n/a	<	0.003	µg/L	EPA 608	0.003	0.005			
2018/19-5	Lab	LCS	5/14/2019	Pesticide	4,4'-DDD	n/a	=	0.367	µg/L	EPA 608	0.003	0.005			EUM
2018/19-5	Lab	LCS, rec	5/14/2019	Pesticide	4,4'-DDD	n/a	=	367	%	EPA 608	-88	-88	42	133	EUM
2018/19-5	Lab	method blank	5/17/2019	Pesticide	4,4'-DDD	n/a	<	0.003	µg/L	EPA 608	0.003	0.05			
2018/19-5	Lab	LCS	5/17/2019	Pesticide	4,4'-DDD	n/a	=	0.114	µg/L	EPA 608	0.003	0.05			
2018/19-5	Lab	LCS, rec	5/17/2019	Pesticide	4,4'-DDD	n/a	=	114	%	EPA 608	-88	-88	42	133	
2018/19-5	Lab	LCS dup	5/17/2019	Pesticide	4,4'-DDD	n/a	=	0.119	µg/L	EPA 608	0.003	0.05			
2018/19-5	Lab	LCS dup, rec	5/17/2019	Pesticide	4,4'-DDD	n/a	=	119	%	EPA 608	-88	-88	42	133	
2018/19-5	Lab	LCS, RPD	5/17/2019	Pesticide	4,4'-DDD	n/a	=	5	%	EPA 608	-88	-88	0	30	
2018/19-5	Lab	method blank	5/21/2019	Pesticide	4,4'-DDD	n/a	<	0.003	µg/L	EPA 608	0.003	0.005			
2018/19-5	Lab	LCS	5/21/2019	Pesticide	4,4'-DDD	n/a	=	0.11	µg/L	EPA 608	0.003	0.005			
2018/19-5	Lab	LCS, rec	5/21/2019	Pesticide	4,4'-DDD	n/a	=	110	%	EPA 608	-88	-88	42	133	
2018/19-5	Lab	LCS dup	5/21/2019	Pesticide	4,4'-DDD	n/a	=	0.111	µg/L	EPA 608	0.003	0.005			
2018/19-5	Lab	LCS dup, rec	5/21/2019	Pesticide	4,4'-DDD	n/a	=	111	%	EPA 608	-88	-88	42	133	
2018/19-5	Lab	LCS, RPD	5/21/2019	Pesticide	4,4'-DDD	n/a	=	1	%	EPA 608	-88	-88	0	30	
2018/19-5	000NONPJ	matrix spike	5/13/2019	Pesticide	4,4'-DDE	n/a	=	0.0695	µg/L	EPA 608	0.0025	0.005			
2018/19-5	000NONPJ	matrix spike, rec	5/13/2019	Pesticide	4,4'-DDE	n/a	=	70	%	EPA 608	-88	-88	30	114	
2018/19-5	000NONPJ	matrix spike dup	5/13/2019	Pesticide	4,4'-DDE	n/a	=	0.0652	µg/L	EPA 608	0.0025	0.005			
2018/19-5	000NONPJ	matrix spike dup, rec	5/13/2019	Pesticide	4,4'-DDE	n/a	=	65	%	EPA 608	-88	-88	30	114	
2018/19-5	000NONPJ	matrix spike, RPD	5/13/2019	Pesticide	4,4'-DDE	n/a	=	7	%	EPA 608	-88	-88	0	30	
2018/19-5	000NONPJ	matrix spike	5/13/2019	Pesticide	4,4'-DDE	n/a	=	0.353	µg/L	EPA 608	0.012	0.025			
2018/19-5	000NONPJ	matrix spike, rec	5/13/2019	Pesticide	4,4'-DDE	n/a	=	71	%	EPA 608	-88	-88	30	114	
2018/19-5	000NONPJ	matrix spike dup	5/13/2019	Pesticide	4,4'-DDE	n/a	=	0.354	µg/L	EPA 608	0.012	0.025			
2018/19-5	000NONPJ	matrix spike dup, rec	5/13/2019	Pesticide	4,4'-DDE	n/a	=	71	%	EPA 608	-88	-88	30	114	
2018/19-5	000NONPJ	matrix spike, RPD	5/13/2019	Pesticide	4,4'-DDE	n/a	=	0.5	%	EPA 608	-88	-88	0	30	
2018/19-5	000NONPJ	matrix spike	5/14/2019	Pesticide	4,4'-DDE	n/a	=	0.0803	µg/L	EPA 608	0.025	0.05			
2018/19-5	000NONPJ	matrix spike, rec	5/14/2019	Pesticide	4,4'-DDE	n/a	=	80	%	EPA 608	-88	-88	30	114	
2018/19-5	000NONPJ	matrix spike dup	5/14/2019	Pesticide	4,4'-DDE	n/a	=	0.0817	µg/L	EPA 608	0.025	0.05			
2018/19-5	000NONPJ	matrix spike dup, rec	5/14/2019	Pesticide	4,4'-DDE	n/a	=	82	%	EPA 608	-88	-88	30	114	
2018/19-5	000NONPJ	matrix spike, RPD	5/14/2019	Pesticide	4,4'-DDE	n/a	=	2	%	EPA 608	-88	-88	0	30	
2018/19-5	000NONPJ	matrix spike	5/14/2019	Pesticide	4,4'-DDE	n/a	=	0.392	µg/L	EPA 608	0.012	0.025			
2018/19-5	000NONPJ	matrix spike, rec	5/14/2019	Pesticide	4,4'-DDE	n/a	=	78	%	EPA 608	-88	-88	30	114	
2018/19-5	000NONPJ	matrix spike dup	5/14/2019	Pesticide	4,4'-DDE	n/a	=	0.363	µg/L	EPA 608	0.012	0.025			
2018/19-5	000NONPJ	matrix spike dup, rec	5/14/2019	Pesticide	4,4'-DDE	n/a	=	73	%	EPA 608	-88	-88	30	114	
2018/19-5	000NONPJ	matrix spike, RPD	5/14/2019	Pesticide	4,4'-DDE	n/a	=	8	%	EPA 608	-88	-88	0	30	
2018/19-5	Lab	method blank	5/10/2019	Pesticide	4,4'-DDE	n/a	<	0.0025	µg/L	EPA 608	0.0025	0.05			
2018/19-5	Lab	LCS	5/10/2019	Pesticide	4,4'-DDE	n/a	=	0.0916	µg/L	EPA 608	0.0025	0.05			

Appendix F
Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2018/19-5	Lab	LCS, rec	5/10/2019	Pesticide	4,4'-DDE	n/a	=	92	%	EPA 608	-88	-88	33	126	
2018/19-5	Lab	LCS dup	5/10/2019	Pesticide	4,4'-DDE	n/a	=	0.0924	µg/L	EPA 608	0.0025	0.05			
2018/19-5	Lab	LCS dup, rec	5/10/2019	Pesticide	4,4'-DDE	n/a	=	92	%	EPA 608	-88	-88	33	126	
2018/19-5	Lab	LCS, RPD	5/10/2019	Pesticide	4,4'-DDE	n/a	=	0.8	%	EPA 608	-88	-88	0	30	
2018/19-5	Lab	method blank	5/13/2019	Pesticide	4,4'-DDE	n/a	<	0.0025	µg/L	EPA 608	0.0025	0.005			
2018/19-5	Lab	LCS	5/13/2019	Pesticide	4,4'-DDE	n/a	=	0.083	µg/L	EPA 608	0.0025	0.005			
2018/19-5	Lab	LCS, rec	5/13/2019	Pesticide	4,4'-DDE	n/a	=	83	%	EPA 608	-88	-88	33	126	
2018/19-5	Lab	method blank	5/14/2019	Pesticide	4,4'-DDE	n/a	<	0.0025	µg/L	EPA 608	0.0025	0.005			
2018/19-5	Lab	LCS	5/14/2019	Pesticide	4,4'-DDE	n/a	=	0.0934	µg/L	EPA 608	0.0025	0.005			
2018/19-5	Lab	LCS, rec	5/14/2019	Pesticide	4,4'-DDE	n/a	=	93	%	EPA 608	-88	-88	33	126	
2018/19-5	Lab	method blank	5/17/2019	Pesticide	4,4'-DDE	n/a	<	0.0025	µg/L	EPA 608	0.0025	0.05			
2018/19-5	Lab	LCS	5/17/2019	Pesticide	4,4'-DDE	n/a	=	0.105	µg/L	EPA 608	0.0025	0.05			
2018/19-5	Lab	LCS, rec	5/17/2019	Pesticide	4,4'-DDE	n/a	=	105	%	EPA 608	-88	-88	33	126	
2018/19-5	Lab	LCS dup	5/17/2019	Pesticide	4,4'-DDE	n/a	=	0.117	µg/L	EPA 608	0.0025	0.05			
2018/19-5	Lab	LCS dup, rec	5/17/2019	Pesticide	4,4'-DDE	n/a	=	117	%	EPA 608	-88	-88	33	126	
2018/19-5	Lab	LCS, RPD	5/17/2019	Pesticide	4,4'-DDE	n/a	=	10	%	EPA 608	-88	-88	0	30	
2018/19-5	Lab	method blank	5/21/2019	Pesticide	4,4'-DDE	n/a	<	0.0025	µg/L	EPA 608	0.0025	0.005			
2018/19-5	Lab	LCS	5/21/2019	Pesticide	4,4'-DDE	n/a	=	0.106	µg/L	EPA 608	0.0025	0.005			
2018/19-5	Lab	LCS, rec	5/21/2019	Pesticide	4,4'-DDE	n/a	=	106	%	EPA 608	-88	-88	33	126	
2018/19-5	Lab	LCS dup	5/21/2019	Pesticide	4,4'-DDE	n/a	=	0.1	µg/L	EPA 608	0.0025	0.005			
2018/19-5	Lab	LCS dup, rec	5/21/2019	Pesticide	4,4'-DDE	n/a	=	100	%	EPA 608	-88	-88	33	126	
2018/19-5	Lab	LCS, RPD	5/21/2019	Pesticide	4,4'-DDE	n/a	=	5	%	EPA 608	-88	-88	0	30	
2018/19-5	000NONPJ	matrix spike	5/13/2019	Pesticide	4,4'-DDT	n/a	=	0.0711	µg/L	EPA 608	0.0031	0.005			
2018/19-5	000NONPJ	matrix spike, rec	5/13/2019	Pesticide	4,4'-DDT	n/a	=	71	%	EPA 608	-88	-88	11	151	
2018/19-5	000NONPJ	matrix spike dup	5/13/2019	Pesticide	4,4'-DDT	n/a	=	0.0631	µg/L	EPA 608	0.0031	0.005			
2018/19-5	000NONPJ	matrix spike dup, rec	5/13/2019	Pesticide	4,4'-DDT	n/a	=	63	%	EPA 608	-88	-88	11	151	
2018/19-5	000NONPJ	matrix spike, RPD	5/13/2019	Pesticide	4,4'-DDT	n/a	=	12	%	EPA 608	-88	-88	0	30	
2018/19-5	000NONPJ	matrix spike	5/13/2019	Pesticide	4,4'-DDT	n/a	=	0.253	µg/L	EPA 608	0.016	0.025			
2018/19-5	000NONPJ	matrix spike, rec	5/13/2019	Pesticide	4,4'-DDT	n/a	=	51	%	EPA 608	-88	-88	11	151	
2018/19-5	000NONPJ	matrix spike dup	5/13/2019	Pesticide	4,4'-DDT	n/a	=	0.23	µg/L	EPA 608	0.016	0.025			
2018/19-5	000NONPJ	matrix spike dup, rec	5/13/2019	Pesticide	4,4'-DDT	n/a	=	46	%	EPA 608	-88	-88	11	151	
2018/19-5	000NONPJ	matrix spike, RPD	5/13/2019	Pesticide	4,4'-DDT	n/a	=	10	%	EPA 608	-88	-88	0	30	
2018/19-5	000NONPJ	matrix spike	5/14/2019	Pesticide	4,4'-DDT	n/a	=	0.0688	µg/L	EPA 608	0.031	0.05			
2018/19-5	000NONPJ	matrix spike, rec	5/14/2019	Pesticide	4,4'-DDT	n/a	=	69	%	EPA 608	-88	-88	11	151	
2018/19-5	000NONPJ	matrix spike dup	5/14/2019	Pesticide	4,4'-DDT	n/a	=	0.0665	µg/L	EPA 608	0.031	0.05			
2018/19-5	000NONPJ	matrix spike dup, rec	5/14/2019	Pesticide	4,4'-DDT	n/a	=	67	%	EPA 608	-88	-88	11	151	
2018/19-5	000NONPJ	matrix spike, RPD	5/14/2019	Pesticide	4,4'-DDT	n/a	=	3	%	EPA 608	-88	-88	0	30	
2018/19-5	000NONPJ	matrix spike	5/14/2019	Pesticide	4,4'-DDT	n/a	=	0.384	µg/L	EPA 608	0.016	0.025			
2018/19-5	000NONPJ	matrix spike, rec	5/14/2019	Pesticide	4,4'-DDT	n/a	=	77	%	EPA 608	-88	-88	11	151	
2018/19-5	000NONPJ	matrix spike dup	5/14/2019	Pesticide	4,4'-DDT	n/a	=	0.349	µg/L	EPA 608	0.016	0.025			
2018/19-5	000NONPJ	matrix spike dup, rec	5/14/2019	Pesticide	4,4'-DDT	n/a	=	70	%	EPA 608	-88	-88	11	151	
2018/19-5	000NONPJ	matrix spike, RPD	5/14/2019	Pesticide	4,4'-DDT	n/a	=	10	%	EPA 608	-88	-88	0	30	
2018/19-5	Lab	method blank	5/10/2019	Pesticide	4,4'-DDT	n/a	<	0.0031	µg/L	EPA 608	0.0031	0.01			
2018/19-5	Lab	LCS	5/10/2019	Pesticide	4,4'-DDT	n/a	=	0.0898	µg/L	EPA 608	0.0031	0.01			
2018/19-5	Lab	LCS, rec	5/10/2019	Pesticide	4,4'-DDT	n/a	=	90	%	EPA 608	-88	-88	35	147	
2018/19-5	Lab	LCS dup	5/10/2019	Pesticide	4,4'-DDT	n/a	=	0.0901	µg/L	EPA 608	0.0031	0.01			
2018/19-5	Lab	LCS dup, rec	5/10/2019	Pesticide	4,4'-DDT	n/a	=	90	%	EPA 608	-88	-88	35	147	

Appendix F
Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2018/19-5	Lab	LCS, RPD	5/10/2019	Pesticide	4,4'-DDT	n/a	=	0.2	%	EPA 608	-88	-88	0	30	
2018/19-5	Lab	method blank	5/13/2019	Pesticide	4,4'-DDT	n/a	<	0.0031	µg/L	EPA 608	0.0031	0.005			
2018/19-5	Lab	LCS	5/13/2019	Pesticide	4,4'-DDT	n/a	=	0.0841	µg/L	EPA 608	0.0031	0.005			
2018/19-5	Lab	LCS, rec	5/13/2019	Pesticide	4,4'-DDT	n/a	=	84	%	EPA 608	-88	-88	35	147	
2018/19-5	Lab	method blank	5/14/2019	Pesticide	4,4'-DDT	n/a	<	0.0031	µg/L	EPA 608	0.0031	0.005			
2018/19-5	Lab	LCS	5/14/2019	Pesticide	4,4'-DDT	n/a	=	0.0919	µg/L	EPA 608	0.0031	0.005			
2018/19-5	Lab	LCS, rec	5/14/2019	Pesticide	4,4'-DDT	n/a	=	92	%	EPA 608	-88	-88	35	147	
2018/19-5	Lab	method blank	5/17/2019	Pesticide	4,4'-DDT	n/a	<	0.0031	µg/L	EPA 608	0.0031	0.01			
2018/19-5	Lab	LCS	5/17/2019	Pesticide	4,4'-DDT	n/a	=	0.126	µg/L	EPA 608	0.0031	0.01			
2018/19-5	Lab	LCS, rec	5/17/2019	Pesticide	4,4'-DDT	n/a	=	126	%	EPA 608	-88	-88	35	147	
2018/19-5	Lab	LCS dup	5/17/2019	Pesticide	4,4'-DDT	n/a	=	0.136	µg/L	EPA 608	0.0031	0.01			
2018/19-5	Lab	LCS dup, rec	5/17/2019	Pesticide	4,4'-DDT	n/a	=	136	%	EPA 608	-88	-88	35	147	
2018/19-5	Lab	LCS, RPD	5/17/2019	Pesticide	4,4'-DDT	n/a	=	8	%	EPA 608	-88	-88	0	30	
2018/19-5	Lab	method blank	5/21/2019	Pesticide	4,4'-DDT	n/a	<	0.0031	µg/L	EPA 608	0.0031	0.01			
2018/19-5	Lab	LCS	5/21/2019	Pesticide	4,4'-DDT	n/a	=	0.136	µg/L	EPA 608	0.0031	0.01			
2018/19-5	Lab	LCS, rec	5/21/2019	Pesticide	4,4'-DDT	n/a	=	136	%	EPA 608	-88	-88	35	147	
2018/19-5	Lab	LCS dup	5/21/2019	Pesticide	4,4'-DDT	n/a	=	0.13	µg/L	EPA 608	0.0031	0.01			
2018/19-5	Lab	LCS dup, rec	5/21/2019	Pesticide	4,4'-DDT	n/a	=	130	%	EPA 608	-88	-88	35	147	
2018/19-5	Lab	LCS, RPD	5/21/2019	Pesticide	4,4'-DDT	n/a	=	4	%	EPA 608	-88	-88	0	30	
2018/19-5	000NONPJ	matrix spike	5/10/2019	Pesticide	Acifluorfen	n/a	=	3.94	µg/L	EPA 515.4	0.06	0.4			
2018/19-5	000NONPJ	matrix spike, rec	5/10/2019	Pesticide	Acifluorfen	n/a	=	98	%	EPA 515.4	-88	-88	70	130	
2018/19-5	000NONPJ	matrix spike dup	5/10/2019	Pesticide	Acifluorfen	n/a	=	3.76	µg/L	EPA 515.4	0.06	0.4			
2018/19-5	000NONPJ	matrix spike dup, rec	5/10/2019	Pesticide	Acifluorfen	n/a	=	94	%	EPA 515.4	-88	-88	70	130	
2018/19-5	000NONPJ	matrix spike, RPD	5/10/2019	Pesticide	Acifluorfen	n/a	=	5	%	EPA 515.4	-88	-88	0	30	
2018/19-5	000NONPJ	matrix spike	5/16/2019	Pesticide	Acifluorfen	n/a	=	3.54	µg/L	EPA 515.4	0.06	0.4			
2018/19-5	000NONPJ	matrix spike, rec	5/16/2019	Pesticide	Acifluorfen	n/a	=	88	%	EPA 515.4	-88	-88	70	130	
2018/19-5	000NONPJ	matrix spike dup	5/16/2019	Pesticide	Acifluorfen	n/a	=	3.45	µg/L	EPA 515.4	0.06	0.4			
2018/19-5	000NONPJ	matrix spike dup, rec	5/16/2019	Pesticide	Acifluorfen	n/a	=	86	%	EPA 515.4	-88	-88	70	130	
2018/19-5	000NONPJ	matrix spike, RPD	5/16/2019	Pesticide	Acifluorfen	n/a	=	3	%	EPA 515.4	-88	-88	0	30	
2018/19-5	000NONPJ	matrix spike	5/23/2019	Pesticide	Acifluorfen	n/a	=	4.19	µg/L	EPA 515.4	0.06	0.4			
2018/19-5	000NONPJ	matrix spike, rec	5/23/2019	Pesticide	Acifluorfen	n/a	=	105	%	EPA 515.4	-88	-88	70	130	
2018/19-5	000NONPJ	matrix spike dup	5/23/2019	Pesticide	Acifluorfen	n/a	=	4.14	µg/L	EPA 515.4	0.06	0.4			
2018/19-5	000NONPJ	matrix spike dup, rec	5/23/2019	Pesticide	Acifluorfen	n/a	=	104	%	EPA 515.4	-88	-88	70	130	
2018/19-5	000NONPJ	matrix spike, RPD	5/23/2019	Pesticide	Acifluorfen	n/a	=	1	%	EPA 515.4	-88	-88	0	30	
2018/19-5	Lab	method blank	5/10/2019	Pesticide	Acifluorfen	n/a	<	0.06	µg/L	EPA 515.4	0.06	0.4			
2018/19-5	Lab	LCS	5/10/2019	Pesticide	Acifluorfen	n/a	=	4.04	µg/L	EPA 515.4	0.06	0.4			
2018/19-5	Lab	LCS, rec	5/10/2019	Pesticide	Acifluorfen	n/a	=	101	%	EPA 515.4	-88	-88	70	130	
2018/19-5	Lab	method blank	5/15/2019	Pesticide	Acifluorfen	n/a	<	0.06	µg/L	EPA 515.4	0.06	0.4			
2018/19-5	Lab	LCS	5/15/2019	Pesticide	Acifluorfen	n/a	=	3.61	µg/L	EPA 515.4	0.06	0.4			
2018/19-5	Lab	LCS, rec	5/15/2019	Pesticide	Acifluorfen	n/a	=	90	%	EPA 515.4	-88	-88	70	130	
2018/19-5	Lab	method blank	5/23/2019	Pesticide	Acifluorfen	n/a	<	0.06	µg/L	EPA 515.4	0.06	0.4			
2018/19-5	Lab	LCS	5/23/2019	Pesticide	Acifluorfen	n/a	=	4.28	µg/L	EPA 515.4	0.06	0.4			
2018/19-5	Lab	LCS, rec	5/23/2019	Pesticide	Acifluorfen	n/a	=	107	%	EPA 515.4	-88	-88	70	130	
2018/19-5	000NONPJ	matrix spike	5/6/2019	Pesticide	Alachlor	n/a	=	6.33	µg/L	EPA 525.2	0.022	0.1			
2018/19-5	000NONPJ	matrix spike, rec	5/6/2019	Pesticide	Alachlor	n/a	=	127	%	EPA 525.2	-88	-88	70	130	
2018/19-5	000NONPJ	matrix spike dup	5/6/2019	Pesticide	Alachlor	n/a	=	6.59	µg/L	EPA 525.2	0.022	0.1			GB
2018/19-5	000NONPJ	matrix spike dup, rec	5/6/2019	Pesticide	Alachlor	n/a	=	132	%	EPA 525.2	-88	-88	70	130	GB

Appendix F
Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2018/19-5	000NONPJ	matrix spike, RPD	5/6/2019	Pesticide	Alachlor	n/a	=	4	%	EPA 525.2	-88	-88	0	30	GB
2018/19-5	000NONPJ	matrix spike	5/14/2019	Pesticide	Alachlor	n/a	=	5.44	µg/L	EPA 525.2	0.022	0.1			
2018/19-5	000NONPJ	matrix spike, rec	5/14/2019	Pesticide	Alachlor	n/a	=	109	%	EPA 525.2	-88	-88	70	130	
2018/19-5	000NONPJ	matrix spike dup	5/14/2019	Pesticide	Alachlor	n/a	=	5.35	µg/L	EPA 525.2	0.022	0.1			
2018/19-5	000NONPJ	matrix spike dup, rec	5/14/2019	Pesticide	Alachlor	n/a	=	107	%	EPA 525.2	-88	-88	70	130	
2018/19-5	000NONPJ	matrix spike, RPD	5/14/2019	Pesticide	Alachlor	n/a	=	2	%	EPA 525.2	-88	-88	0	30	
2018/19-5	Lab	method blank	5/6/2019	Pesticide	Alachlor	n/a	<	0.022	µg/L	EPA 525.2	0.022	0.1			
2018/19-5	Lab	LCS	5/6/2019	Pesticide	Alachlor	n/a	=	4.98	µg/L	EPA 525.2	0.022	0.1			
2018/19-5	Lab	LCS, rec	5/6/2019	Pesticide	Alachlor	n/a	=	100	%	EPA 525.2	-88	-88	70	130	
2018/19-5	Lab	LCS	5/14/2019	Pesticide	Alachlor	n/a	=	5.22	µg/L	EPA 525.2	0.022	0.1			
2018/19-5	Lab	LCS, rec	5/14/2019	Pesticide	Alachlor	n/a	=	104	%	EPA 525.2	-88	-88	70	130	
2018/19-5	Lab	LCS dup	5/14/2019	Pesticide	Alachlor	n/a	=	5.05	µg/L	EPA 525.2	0.022	0.1			
2018/19-5	Lab	LCS dup, rec	5/14/2019	Pesticide	Alachlor	n/a	=	101	%	EPA 525.2	-88	-88	70	130	
2018/19-5	Lab	LCS, RPD	5/14/2019	Pesticide	Alachlor	n/a	=	3	%	EPA 525.2	-88	-88	0	30	
2018/19-5	Lab	method blank	5/15/2019	Pesticide	Alachlor	n/a	<	0.022	µg/L	EPA 525.2	0.022	0.1			
2018/19-5	Lab	method blank	5/16/2019	Pesticide	Alachlor	n/a	<	0.022	µg/L	EPA 525.2	0.022	0.1			
2018/19-5	Lab	LCS	5/16/2019	Pesticide	Alachlor	n/a	=	5.07	µg/L	EPA 525.2	0.022	0.1			
2018/19-5	Lab	LCS, rec	5/16/2019	Pesticide	Alachlor	n/a	=	101	%	EPA 525.2	-88	-88	70	130	
2018/19-5	Lab	LCS dup	5/16/2019	Pesticide	Alachlor	n/a	=	5.16	µg/L	EPA 525.2	0.022	0.1			
2018/19-5	Lab	LCS dup, rec	5/16/2019	Pesticide	Alachlor	n/a	=	103	%	EPA 525.2	-88	-88	70	130	
2018/19-5	Lab	LCS, RPD	5/16/2019	Pesticide	Alachlor	n/a	=	2	%	EPA 525.2	-88	-88	0	30	
2018/19-5	000NONPJ	matrix spike	5/13/2019	Pesticide	Aldrin	n/a	=	0.0743	µg/L	EPA 608	0.0015	0.005			
2018/19-5	000NONPJ	matrix spike, rec	5/13/2019	Pesticide	Aldrin	n/a	=	74	%	EPA 608	-88	-88	18	110	
2018/19-5	000NONPJ	matrix spike dup	5/13/2019	Pesticide	Aldrin	n/a	=	0.0676	µg/L	EPA 608	0.0015	0.005			
2018/19-5	000NONPJ	matrix spike dup, rec	5/13/2019	Pesticide	Aldrin	n/a	=	68	%	EPA 608	-88	-88	18	110	
2018/19-5	000NONPJ	matrix spike, RPD	5/13/2019	Pesticide	Aldrin	n/a	=	9	%	EPA 608	-88	-88	0	30	
2018/19-5	000NONPJ	matrix spike	5/13/2019	Pesticide	Aldrin	n/a	=	0.22	µg/L	EPA 608	0.0075	0.025			
2018/19-5	000NONPJ	matrix spike, rec	5/13/2019	Pesticide	Aldrin	n/a	=	44	%	EPA 608	-88	-88	18	110	
2018/19-5	000NONPJ	matrix spike dup	5/13/2019	Pesticide	Aldrin	n/a	=	0.218	µg/L	EPA 608	0.0075	0.025			
2018/19-5	000NONPJ	matrix spike dup, rec	5/13/2019	Pesticide	Aldrin	n/a	=	44	%	EPA 608	-88	-88	18	110	
2018/19-5	000NONPJ	matrix spike, RPD	5/13/2019	Pesticide	Aldrin	n/a	=	1	%	EPA 608	-88	-88	0	30	
2018/19-5	000NONPJ	matrix spike	5/14/2019	Pesticide	Aldrin	n/a	DNQ	0.0491	µg/L	EPA 608	0.015	0.05			
2018/19-5	000NONPJ	matrix spike, rec	5/14/2019	Pesticide	Aldrin	n/a	=	49	%	EPA 608	-88	-88	18	110	
2018/19-5	000NONPJ	matrix spike dup	5/14/2019	Pesticide	Aldrin	n/a	DNQ	0.0495	µg/L	EPA 608	0.015	0.05			
2018/19-5	000NONPJ	matrix spike dup, rec	5/14/2019	Pesticide	Aldrin	n/a	=	49	%	EPA 608	-88	-88	18	110	
2018/19-5	000NONPJ	matrix spike, RPD	5/14/2019	Pesticide	Aldrin	n/a	=	0.7	%	EPA 608	-88	-88	0	30	
2018/19-5	000NONPJ	matrix spike	5/14/2019	Pesticide	Aldrin	n/a	=	0.342	µg/L	EPA 608	0.0075	0.025			
2018/19-5	000NONPJ	matrix spike, rec	5/14/2019	Pesticide	Aldrin	n/a	=	68	%	EPA 608	-88	-88	18	110	
2018/19-5	000NONPJ	matrix spike dup	5/14/2019	Pesticide	Aldrin	n/a	=	0.321	µg/L	EPA 608	0.0075	0.025			
2018/19-5	000NONPJ	matrix spike dup, rec	5/14/2019	Pesticide	Aldrin	n/a	=	64	%	EPA 608	-88	-88	18	110	
2018/19-5	000NONPJ	matrix spike, RPD	5/14/2019	Pesticide	Aldrin	n/a	=	6	%	EPA 608	-88	-88	0	30	
2018/19-5	Lab	method blank	5/10/2019	Pesticide	Aldrin	n/a	<	0.0015	µg/L	EPA 608	0.0015	0.005			
2018/19-5	Lab	LCS	5/10/2019	Pesticide	Aldrin	n/a	=	0.0847	µg/L	EPA 608	0.0015	0.005			
2018/19-5	Lab	LCS, rec	5/10/2019	Pesticide	Aldrin	n/a	=	85	%	EPA 608	-88	-88	18	117	
2018/19-5	Lab	LCS dup	5/10/2019	Pesticide	Aldrin	n/a	=	0.0858	µg/L	EPA 608	0.0015	0.005			
2018/19-5	Lab	LCS dup, rec	5/10/2019	Pesticide	Aldrin	n/a	=	86	%	EPA 608	-88	-88	18	117	
2018/19-5	Lab	LCS, RPD	5/10/2019	Pesticide	Aldrin	n/a	=	1	%	EPA 608	-88	-88	0	30	

Appendix F
Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2018/19-5	Lab	method blank	5/13/2019	Pesticide	Aldrin	n/a	<	0.0015	µg/L	EPA 608	0.0015	0.005			
2018/19-5	Lab	LCS	5/13/2019	Pesticide	Aldrin	n/a	=	0.0832	µg/L	EPA 608	0.0015	0.005			
2018/19-5	Lab	LCS, rec	5/13/2019	Pesticide	Aldrin	n/a	=	83	%	EPA 608	-88	-88	18	117	
2018/19-5	Lab	method blank	5/14/2019	Pesticide	Aldrin	n/a	<	0.0015	µg/L	EPA 608	0.0015	0.005			
2018/19-5	Lab	LCS	5/14/2019	Pesticide	Aldrin	n/a	=	0.087	µg/L	EPA 608	0.0015	0.005			
2018/19-5	Lab	LCS, rec	5/14/2019	Pesticide	Aldrin	n/a	=	87	%	EPA 608	-88	-88	18	117	
2018/19-5	Lab	method blank	5/17/2019	Pesticide	Aldrin	n/a	<	0.0015	µg/L	EPA 608	0.0015	0.005			
2018/19-5	Lab	LCS	5/17/2019	Pesticide	Aldrin	n/a	=	0.102	µg/L	EPA 608	0.0015	0.005			
2018/19-5	Lab	LCS, rec	5/17/2019	Pesticide	Aldrin	n/a	=	102	%	EPA 608	-88	-88	18	117	
2018/19-5	Lab	LCS dup	5/17/2019	Pesticide	Aldrin	n/a	=	0.109	µg/L	EPA 608	0.0015	0.005			
2018/19-5	Lab	LCS dup, rec	5/17/2019	Pesticide	Aldrin	n/a	=	109	%	EPA 608	-88	-88	18	117	
2018/19-5	Lab	LCS, RPD	5/17/2019	Pesticide	Aldrin	n/a	=	7	%	EPA 608	-88	-88	0	30	
2018/19-5	Lab	method blank	5/21/2019	Pesticide	Aldrin	n/a	<	0.0015	µg/L	EPA 608	0.0015	0.005			
2018/19-5	Lab	LCS	5/21/2019	Pesticide	Aldrin	n/a	=	0.106	µg/L	EPA 608	0.0015	0.005			
2018/19-5	Lab	LCS, rec	5/21/2019	Pesticide	Aldrin	n/a	=	106	%	EPA 608	-88	-88	18	117	
2018/19-5	Lab	LCS dup	5/21/2019	Pesticide	Aldrin	n/a	=	0.099	µg/L	EPA 608	0.0015	0.005			
2018/19-5	Lab	LCS dup, rec	5/21/2019	Pesticide	Aldrin	n/a	=	99	%	EPA 608	-88	-88	18	117	
2018/19-5	Lab	LCS, RPD	5/21/2019	Pesticide	Aldrin	n/a	=	7	%	EPA 608	-88	-88	0	30	
2018/19-5	000NONPJ	matrix spike	5/13/2019	Pesticide	alpha-BHC	n/a	=	0.0693	µg/L	EPA 608	0.0018	0.01			
2018/19-5	000NONPJ	matrix spike, rec	5/13/2019	Pesticide	alpha-BHC	n/a	=	69	%	EPA 608	-88	-88	43	114	
2018/19-5	000NONPJ	matrix spike dup	5/13/2019	Pesticide	alpha-BHC	n/a	=	0.0589	µg/L	EPA 608	0.0018	0.01			
2018/19-5	000NONPJ	matrix spike dup, rec	5/13/2019	Pesticide	alpha-BHC	n/a	=	59	%	EPA 608	-88	-88	43	114	
2018/19-5	000NONPJ	matrix spike, RPD	5/13/2019	Pesticide	alpha-BHC	n/a	=	16	%	EPA 608	-88	-88	0	30	
2018/19-5	000NONPJ	matrix spike	5/13/2019	Pesticide	alpha-BHC	n/a	=	0.307	µg/L	EPA 608	0.009	0.05			
2018/19-5	000NONPJ	matrix spike, rec	5/13/2019	Pesticide	alpha-BHC	n/a	=	61	%	EPA 608	-88	-88	43	114	
2018/19-5	000NONPJ	matrix spike dup	5/13/2019	Pesticide	alpha-BHC	n/a	=	0.31	µg/L	EPA 608	0.009	0.05			
2018/19-5	000NONPJ	matrix spike dup, rec	5/13/2019	Pesticide	alpha-BHC	n/a	=	62	%	EPA 608	-88	-88	43	114	
2018/19-5	000NONPJ	matrix spike, RPD	5/13/2019	Pesticide	alpha-BHC	n/a	=	1	%	EPA 608	-88	-88	0	30	
2018/19-5	000NONPJ	matrix spike	5/14/2019	Pesticide	alpha-BHC	n/a	DNQ	0.0689	µg/L	EPA 608	0.018	0.1			
2018/19-5	000NONPJ	matrix spike, rec	5/14/2019	Pesticide	alpha-BHC	n/a	=	69	%	EPA 608	-88	-88	43	114	
2018/19-5	000NONPJ	matrix spike dup	5/14/2019	Pesticide	alpha-BHC	n/a	DNQ	0.0692	µg/L	EPA 608	0.018	0.1			
2018/19-5	000NONPJ	matrix spike dup, rec	5/14/2019	Pesticide	alpha-BHC	n/a	=	69	%	EPA 608	-88	-88	43	114	
2018/19-5	000NONPJ	matrix spike, RPD	5/14/2019	Pesticide	alpha-BHC	n/a	=	0.3	%	EPA 608	-88	-88	0	30	
2018/19-5	000NONPJ	matrix spike	5/14/2019	Pesticide	alpha-BHC	n/a	=	0.339	µg/L	EPA 608	0.009	0.05			
2018/19-5	000NONPJ	matrix spike, rec	5/14/2019	Pesticide	alpha-BHC	n/a	=	68	%	EPA 608	-88	-88	43	114	
2018/19-5	000NONPJ	matrix spike dup	5/14/2019	Pesticide	alpha-BHC	n/a	=	0.292	µg/L	EPA 608	0.009	0.05			
2018/19-5	000NONPJ	matrix spike dup, rec	5/14/2019	Pesticide	alpha-BHC	n/a	=	58	%	EPA 608	-88	-88	43	114	
2018/19-5	000NONPJ	matrix spike, RPD	5/14/2019	Pesticide	alpha-BHC	n/a	=	15	%	EPA 608	-88	-88	0	30	
2018/19-5	Lab	method blank	5/10/2019	Pesticide	alpha-BHC	n/a	<	0.0018	µg/L	EPA 608	0.0018	0.01			
2018/19-5	Lab	LCS	5/10/2019	Pesticide	alpha-BHC	n/a	=	0.0887	µg/L	EPA 608	0.0018	0.01			
2018/19-5	Lab	LCS, rec	5/10/2019	Pesticide	alpha-BHC	n/a	=	89	%	EPA 608	-88	-88	47	119	
2018/19-5	Lab	LCS dup	5/10/2019	Pesticide	alpha-BHC	n/a	=	0.0909	µg/L	EPA 608	0.0018	0.01			
2018/19-5	Lab	LCS dup, rec	5/10/2019	Pesticide	alpha-BHC	n/a	=	91	%	EPA 608	-88	-88	47	119	
2018/19-5	Lab	LCS, RPD	5/10/2019	Pesticide	alpha-BHC	n/a	=	3	%	EPA 608	-88	-88	0	30	
2018/19-5	Lab	method blank	5/13/2019	Pesticide	alpha-BHC	n/a	<	0.0018	µg/L	EPA 608	0.0018	0.01			
2018/19-5	Lab	LCS	5/13/2019	Pesticide	alpha-BHC	n/a	=	0.0884	µg/L	EPA 608	0.0018	0.01			
2018/19-5	Lab	LCS, rec	5/13/2019	Pesticide	alpha-BHC	n/a	=	88	%	EPA 608	-88	-88	47	119	

Appendix F
Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2018/19-5	Lab	method blank	5/14/2019	Pesticide	alpha-BHC	n/a	<	0.0018	µg/L	EPA 608	0.0018	0.01			
2018/19-5	Lab	LCS	5/14/2019	Pesticide	alpha-BHC	n/a	=	0.092	µg/L	EPA 608	0.0018	0.01			
2018/19-5	Lab	LCS, rec	5/14/2019	Pesticide	alpha-BHC	n/a	=	92	%	EPA 608	-88	-88	47	119	
2018/19-5	Lab	method blank	5/17/2019	Pesticide	alpha-BHC	n/a	<	0.0018	µg/L	EPA 608	0.0018	0.01			
2018/19-5	Lab	LCS	5/17/2019	Pesticide	alpha-BHC	n/a	=	0.106	µg/L	EPA 608	0.0018	0.01			
2018/19-5	Lab	LCS, rec	5/17/2019	Pesticide	alpha-BHC	n/a	=	106	%	EPA 608	-88	-88	47	119	
2018/19-5	Lab	LCS dup	5/17/2019	Pesticide	alpha-BHC	n/a	=	0.115	µg/L	EPA 608	0.0018	0.01			
2018/19-5	Lab	LCS dup, rec	5/17/2019	Pesticide	alpha-BHC	n/a	=	115	%	EPA 608	-88	-88	47	119	
2018/19-5	Lab	LCS, RPD	5/17/2019	Pesticide	alpha-BHC	n/a	=	8	%	EPA 608	-88	-88	0	30	
2018/19-5	Lab	method blank	5/21/2019	Pesticide	alpha-BHC	n/a	<	0.0018	µg/L	EPA 608	0.0018	0.01			
2018/19-5	Lab	LCS	5/21/2019	Pesticide	alpha-BHC	n/a	=	0.106	µg/L	EPA 608	0.0018	0.01			
2018/19-5	Lab	LCS, rec	5/21/2019	Pesticide	alpha-BHC	n/a	=	106	%	EPA 608	-88	-88	47	119	
2018/19-5	Lab	LCS dup	5/21/2019	Pesticide	alpha-BHC	n/a	=	0.101	µg/L	EPA 608	0.0018	0.01			
2018/19-5	Lab	LCS dup, rec	5/21/2019	Pesticide	alpha-BHC	n/a	=	101	%	EPA 608	-88	-88	47	119	
2018/19-5	Lab	LCS, RPD	5/21/2019	Pesticide	alpha-BHC	n/a	=	5	%	EPA 608	-88	-88	0	30	
2018/19-5	000NONPJ	matrix spike	5/6/2019	Pesticide	Atrazine	n/a	=	4.97	µg/L	EPA 525.2	0.034	0.1			
2018/19-5	000NONPJ	matrix spike, rec	5/6/2019	Pesticide	Atrazine	n/a	=	99	%	EPA 525.2	-88	-88	70	130	
2018/19-5	000NONPJ	matrix spike dup	5/6/2019	Pesticide	Atrazine	n/a	=	5.34	µg/L	EPA 525.2	0.034	0.1			
2018/19-5	000NONPJ	matrix spike dup, rec	5/6/2019	Pesticide	Atrazine	n/a	=	107	%	EPA 525.2	-88	-88	70	130	
2018/19-5	000NONPJ	matrix spike, RPD	5/6/2019	Pesticide	Atrazine	n/a	=	7	%	EPA 525.2	-88	-88	0	30	
2018/19-5	000NONPJ	matrix spike	5/14/2019	Pesticide	Atrazine	n/a	=	5.6	µg/L	EPA 525.2	0.034	0.1			
2018/19-5	000NONPJ	matrix spike, rec	5/14/2019	Pesticide	Atrazine	n/a	=	112	%	EPA 525.2	-88	-88	70	130	
2018/19-5	000NONPJ	matrix spike dup	5/14/2019	Pesticide	Atrazine	n/a	=	5.3	µg/L	EPA 525.2	0.034	0.1			
2018/19-5	000NONPJ	matrix spike dup, rec	5/14/2019	Pesticide	Atrazine	n/a	=	106	%	EPA 525.2	-88	-88	70	130	
2018/19-5	000NONPJ	matrix spike, RPD	5/14/2019	Pesticide	Atrazine	n/a	=	5	%	EPA 525.2	-88	-88	0	30	
2018/19-5	Lab	method blank	5/6/2019	Pesticide	Atrazine	n/a	<	0.034	µg/L	EPA 525.2	0.034	0.1			
2018/19-5	Lab	LCS	5/6/2019	Pesticide	Atrazine	n/a	=	5.4	µg/L	EPA 525.2	0.034	0.1			
2018/19-5	Lab	LCS, rec	5/6/2019	Pesticide	Atrazine	n/a	=	108	%	EPA 525.2	-88	-88	70	130	
2018/19-5	Lab	LCS	5/14/2019	Pesticide	Atrazine	n/a	=	5.29	µg/L	EPA 525.2	0.034	0.1			
2018/19-5	Lab	LCS, rec	5/14/2019	Pesticide	Atrazine	n/a	=	106	%	EPA 525.2	-88	-88	70	130	
2018/19-5	Lab	LCS dup	5/14/2019	Pesticide	Atrazine	n/a	=	5.16	µg/L	EPA 525.2	0.034	0.1			
2018/19-5	Lab	LCS dup, rec	5/14/2019	Pesticide	Atrazine	n/a	=	103	%	EPA 525.2	-88	-88	70	130	
2018/19-5	Lab	LCS, RPD	5/14/2019	Pesticide	Atrazine	n/a	=	3	%	EPA 525.2	-88	-88	0	30	
2018/19-5	Lab	method blank	5/15/2019	Pesticide	Atrazine	n/a	<	0.034	µg/L	EPA 525.2	0.034	0.1			
2018/19-5	Lab	method blank	5/16/2019	Pesticide	Atrazine	n/a	<	0.034	µg/L	EPA 525.2	0.034	0.1			
2018/19-5	Lab	LCS	5/16/2019	Pesticide	Atrazine	n/a	=	5.39	µg/L	EPA 525.2	0.034	0.1			
2018/19-5	Lab	LCS, rec	5/16/2019	Pesticide	Atrazine	n/a	=	108	%	EPA 525.2	-88	-88	70	130	
2018/19-5	Lab	LCS dup	5/16/2019	Pesticide	Atrazine	n/a	=	5.08	µg/L	EPA 525.2	0.034	0.1			
2018/19-5	Lab	LCS dup, rec	5/16/2019	Pesticide	Atrazine	n/a	=	102	%	EPA 525.2	-88	-88	70	130	
2018/19-5	Lab	LCS, RPD	5/16/2019	Pesticide	Atrazine	n/a	=	6	%	EPA 525.2	-88	-88	0	30	
2018/19-5	000NONPJ	matrix spike	5/21/2019	Pesticide	Azinphos methyl	n/a	=	0.0547	µg/L	EPA 525.2m	0.0055	0.01			
2018/19-5	000NONPJ	matrix spike, rec	5/21/2019	Pesticide	Azinphos methyl	n/a	=	109	%	EPA 525.2m	-88	-88	0.1	154	
2018/19-5	000NONPJ	matrix spike dup	5/21/2019	Pesticide	Azinphos methyl	n/a	=	0.0486	µg/L	EPA 525.2m	0.0055	0.01			
2018/19-5	000NONPJ	matrix spike dup, rec	5/21/2019	Pesticide	Azinphos methyl	n/a	=	97	%	EPA 525.2m	-88	-88	0.1	154	
2018/19-5	000NONPJ	matrix spike, RPD	5/21/2019	Pesticide	Azinphos methyl	n/a	=	12	%	EPA 525.2m	-88	-88	0	30	
2018/19-5	000NONPJ	matrix spike	5/21/2019	Pesticide	Azinphos methyl	n/a	=	0.0481	µg/L	EPA 525.2m	0.0055	0.01			
2018/19-5	000NONPJ	matrix spike, rec	5/21/2019	Pesticide	Azinphos methyl	n/a	=	96	%	EPA 525.2m	-88	-88	0.1	154	

Appendix F
Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2018/19-5	000NONPJ	matrix spike dup	5/21/2019	Pesticide	Azinphos methyl	n/a	=	0.0598	µg/L	EPA 525.2m	0.0055	0.01			
2018/19-5	000NONPJ	matrix spike dup, rec	5/21/2019	Pesticide	Azinphos methyl	n/a	=	120	%	EPA 525.2m	-88	-88	0.1	154	
2018/19-5	000NONPJ	matrix spike, RPD	5/21/2019	Pesticide	Azinphos methyl	n/a	=	22	%	EPA 525.2m	-88	-88	0	30	
2018/19-5	000NONPJ	matrix spike	6/3/2019	Pesticide	Azinphos methyl	n/a	=	0.0553	µg/L	EPA 525.2m	0.0055	0.01			
2018/19-5	000NONPJ	matrix spike, rec	6/3/2019	Pesticide	Azinphos methyl	n/a	=	111	%	EPA 525.2m	-88	-88	0.1	154	
2018/19-5	000NONPJ	matrix spike dup	6/3/2019	Pesticide	Azinphos methyl	n/a	=	0.0679	µg/L	EPA 525.2m	0.0055	0.01			
2018/19-5	000NONPJ	matrix spike dup, rec	6/3/2019	Pesticide	Azinphos methyl	n/a	=	136	%	EPA 525.2m	-88	-88	0.1	154	
2018/19-5	000NONPJ	matrix spike, RPD	6/3/2019	Pesticide	Azinphos methyl	n/a	=	20	%	EPA 525.2m	-88	-88	0	30	
2018/19-5	Lab	method blank	5/21/2019	Pesticide	Azinphos methyl	n/a	<	0.0055	µg/L	EPA 525.2m	0.0055	0.01			
2018/19-5	Lab	LCS	5/21/2019	Pesticide	Azinphos methyl	n/a	=	0.0547	µg/L	EPA 525.2m	0.0055	0.01			
2018/19-5	Lab	LCS, rec	5/21/2019	Pesticide	Azinphos methyl	n/a	=	109	%	EPA 525.2m	-88	-88	0.1	188	
2018/19-5	Lab	method blank	5/21/2019	Pesticide	Azinphos methyl	n/a	<	0.0055	µg/L	EPA 525.2m	0.0055	0.01			
2018/19-5	Lab	LCS	5/21/2019	Pesticide	Azinphos methyl	n/a	=	0.0583	µg/L	EPA 525.2m	0.0055	0.01			
2018/19-5	Lab	LCS, rec	5/21/2019	Pesticide	Azinphos methyl	n/a	=	117	%	EPA 525.2m	-88	-88	0.1	188	
2018/19-5	Lab	method blank	6/3/2019	Pesticide	Azinphos methyl	n/a	<	0.0055	µg/L	EPA 525.2m	0.0055	0.01			
2018/19-5	Lab	LCS	6/3/2019	Pesticide	Azinphos methyl	n/a	=	0.062	µg/L	EPA 525.2m	0.0055	0.01			
2018/19-5	Lab	LCS, rec	6/3/2019	Pesticide	Azinphos methyl	n/a	=	124	%	EPA 525.2m	-88	-88	0.1	188	
2018/19-5	000NONPJ	matrix spike	5/10/2019	Pesticide	Bentazon	n/a	=	17.2	µg/L	EPA 515.4	0.11	2			
2018/19-5	000NONPJ	matrix spike, rec	5/10/2019	Pesticide	Bentazon	n/a	=	108	%	EPA 515.4	-88	-88	70	130	
2018/19-5	000NONPJ	matrix spike dup	5/10/2019	Pesticide	Bentazon	n/a	=	15.2	µg/L	EPA 515.4	0.11	2			
2018/19-5	000NONPJ	matrix spike dup, rec	5/10/2019	Pesticide	Bentazon	n/a	=	95	%	EPA 515.4	-88	-88	70	130	
2018/19-5	000NONPJ	matrix spike, RPD	5/10/2019	Pesticide	Bentazon	n/a	=	12	%	EPA 515.4	-88	-88	0	30	
2018/19-5	000NONPJ	matrix spike	5/16/2019	Pesticide	Bentazon	n/a	=	14.3	µg/L	EPA 515.4	0.11	2			
2018/19-5	000NONPJ	matrix spike, rec	5/16/2019	Pesticide	Bentazon	n/a	=	90	%	EPA 515.4	-88	-88	70	130	
2018/19-5	000NONPJ	matrix spike dup	5/16/2019	Pesticide	Bentazon	n/a	=	14.6	µg/L	EPA 515.4	0.11	2			
2018/19-5	000NONPJ	matrix spike dup, rec	5/16/2019	Pesticide	Bentazon	n/a	=	92	%	EPA 515.4	-88	-88	70	130	
2018/19-5	000NONPJ	matrix spike, RPD	5/16/2019	Pesticide	Bentazon	n/a	=	2	%	EPA 515.4	-88	-88	0	30	
2018/19-5	000NONPJ	matrix spike	5/23/2019	Pesticide	Bentazon	n/a	=	16.7	µg/L	EPA 515.4	0.11	2			
2018/19-5	000NONPJ	matrix spike, rec	5/23/2019	Pesticide	Bentazon	n/a	=	105	%	EPA 515.4	-88	-88	70	130	
2018/19-5	000NONPJ	matrix spike dup	5/23/2019	Pesticide	Bentazon	n/a	=	15.8	µg/L	EPA 515.4	0.11	2			
2018/19-5	000NONPJ	matrix spike dup, rec	5/23/2019	Pesticide	Bentazon	n/a	=	99	%	EPA 515.4	-88	-88	70	130	
2018/19-5	000NONPJ	matrix spike, RPD	5/23/2019	Pesticide	Bentazon	n/a	=	5	%	EPA 515.4	-88	-88	0	30	
2018/19-5	Lab	method blank	5/10/2019	Pesticide	Bentazon	n/a	<	0.11	µg/L	EPA 515.4	0.11	2			
2018/19-5	Lab	LCS	5/10/2019	Pesticide	Bentazon	n/a	=	15.4	µg/L	EPA 515.4	0.11	2			
2018/19-5	Lab	LCS, rec	5/10/2019	Pesticide	Bentazon	n/a	=	97	%	EPA 515.4	-88	-88	70	130	
2018/19-5	Lab	method blank	5/15/2019	Pesticide	Bentazon	n/a	<	0.11	µg/L	EPA 515.4	0.11	2			
2018/19-5	Lab	LCS	5/15/2019	Pesticide	Bentazon	n/a	=	14.4	µg/L	EPA 515.4	0.11	2			
2018/19-5	Lab	LCS, rec	5/15/2019	Pesticide	Bentazon	n/a	=	90	%	EPA 515.4	-88	-88	70	130	
2018/19-5	Lab	method blank	5/23/2019	Pesticide	Bentazon	n/a	<	0.11	µg/L	EPA 515.4	0.11	2			
2018/19-5	Lab	LCS	5/23/2019	Pesticide	Bentazon	n/a	=	16	µg/L	EPA 515.4	0.11	2			
2018/19-5	Lab	LCS, rec	5/23/2019	Pesticide	Bentazon	n/a	=	100	%	EPA 515.4	-88	-88	70	130	
2018/19-5	000NONPJ	matrix spike	5/13/2019	Pesticide	beta-BHC	n/a	=	0.0654	µg/L	EPA 608	0.0031	0.005			
2018/19-5	000NONPJ	matrix spike, rec	5/13/2019	Pesticide	beta-BHC	n/a	=	65	%	EPA 608	-88	-88	24	135	
2018/19-5	000NONPJ	matrix spike dup	5/13/2019	Pesticide	beta-BHC	n/a	=	0.0632	µg/L	EPA 608	0.0031	0.005			
2018/19-5	000NONPJ	matrix spike dup, rec	5/13/2019	Pesticide	beta-BHC	n/a	=	63	%	EPA 608	-88	-88	24	135	
2018/19-5	000NONPJ	matrix spike, RPD	5/13/2019	Pesticide	beta-BHC	n/a	=	3	%	EPA 608	-88	-88	0	30	
2018/19-5	000NONPJ	matrix spike	5/13/2019	Pesticide	beta-BHC	n/a	=	0.565	µg/L	EPA 608	0.016	0.025			

Appendix F
Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2018/19-5	000NONPJ	matrix spike, rec	5/13/2019	Pesticide	beta-BHC	n/a	=	113	%	EPA 608	-88	-88	24	135	
2018/19-5	000NONPJ	matrix spike dup	5/13/2019	Pesticide	beta-BHC	n/a	=	0.608	µg/L	EPA 608	0.016	0.025			
2018/19-5	000NONPJ	matrix spike dup, rec	5/13/2019	Pesticide	beta-BHC	n/a	=	122	%	EPA 608	-88	-88	24	135	
2018/19-5	000NONPJ	matrix spike, RPD	5/13/2019	Pesticide	beta-BHC	n/a	=	7	%	EPA 608	-88	-88	0	30	
2018/19-5	000NONPJ	matrix spike	5/14/2019	Pesticide	beta-BHC	n/a	=	0.0814	µg/L	EPA 608	0.031	0.05			
2018/19-5	000NONPJ	matrix spike, rec	5/14/2019	Pesticide	beta-BHC	n/a	=	81	%	EPA 608	-88	-88	24	135	
2018/19-5	000NONPJ	matrix spike dup	5/14/2019	Pesticide	beta-BHC	n/a	=	0.098	µg/L	EPA 608	0.031	0.05			
2018/19-5	000NONPJ	matrix spike dup, rec	5/14/2019	Pesticide	beta-BHC	n/a	=	98	%	EPA 608	-88	-88	24	135	
2018/19-5	000NONPJ	matrix spike, RPD	5/14/2019	Pesticide	beta-BHC	n/a	=	19	%	EPA 608	-88	-88	0	30	
2018/19-5	000NONPJ	matrix spike	5/14/2019	Pesticide	beta-BHC	n/a	=	0.348	µg/L	EPA 608	0.016	0.025			
2018/19-5	000NONPJ	matrix spike, rec	5/14/2019	Pesticide	beta-BHC	n/a	=	70	%	EPA 608	-88	-88	24	135	
2018/19-5	000NONPJ	matrix spike dup	5/14/2019	Pesticide	beta-BHC	n/a	=	0.328	µg/L	EPA 608	0.016	0.025			
2018/19-5	000NONPJ	matrix spike dup, rec	5/14/2019	Pesticide	beta-BHC	n/a	=	66	%	EPA 608	-88	-88	24	135	
2018/19-5	000NONPJ	matrix spike, RPD	5/14/2019	Pesticide	beta-BHC	n/a	=	6	%	EPA 608	-88	-88	0	30	
2018/19-5	Lab	method blank	5/10/2019	Pesticide	beta-BHC	n/a	<	0.0031	µg/L	EPA 608	0.0031	0.005			
2018/19-5	Lab	LCS	5/10/2019	Pesticide	beta-BHC	n/a	=	0.0941	µg/L	EPA 608	0.0031	0.005			
2018/19-5	Lab	LCS, rec	5/10/2019	Pesticide	beta-BHC	n/a	=	94	%	EPA 608	-88	-88	53	123	
2018/19-5	Lab	LCS dup	5/10/2019	Pesticide	beta-BHC	n/a	=	0.0962	µg/L	EPA 608	0.0031	0.005			
2018/19-5	Lab	LCS dup, rec	5/10/2019	Pesticide	beta-BHC	n/a	=	96	%	EPA 608	-88	-88	53	123	
2018/19-5	Lab	LCS, RPD	5/10/2019	Pesticide	beta-BHC	n/a	=	2	%	EPA 608	-88	-88	0	30	
2018/19-5	Lab	method blank	5/13/2019	Pesticide	beta-BHC	n/a	<	0.0031	µg/L	EPA 608	0.0031	0.005			
2018/19-5	Lab	LCS	5/13/2019	Pesticide	beta-BHC	n/a	=	0.0916	µg/L	EPA 608	0.0031	0.005			
2018/19-5	Lab	LCS, rec	5/13/2019	Pesticide	beta-BHC	n/a	=	92	%	EPA 608	-88	-88	53	123	
2018/19-5	Lab	method blank	5/14/2019	Pesticide	beta-BHC	n/a	<	0.0031	µg/L	EPA 608	0.0031	0.005			
2018/19-5	Lab	LCS	5/14/2019	Pesticide	beta-BHC	n/a	=	0.0965	µg/L	EPA 608	0.0031	0.005			
2018/19-5	Lab	LCS, rec	5/14/2019	Pesticide	beta-BHC	n/a	=	97	%	EPA 608	-88	-88	53	123	
2018/19-5	Lab	method blank	5/17/2019	Pesticide	beta-BHC	n/a	<	0.0031	µg/L	EPA 608	0.0031	0.005			
2018/19-5	Lab	LCS	5/17/2019	Pesticide	beta-BHC	n/a	=	0.116	µg/L	EPA 608	0.0031	0.005			
2018/19-5	Lab	LCS, rec	5/17/2019	Pesticide	beta-BHC	n/a	=	116	%	EPA 608	-88	-88	53	123	
2018/19-5	Lab	LCS dup	5/17/2019	Pesticide	beta-BHC	n/a	=	0.125	µg/L	EPA 608	0.0031	0.005			EUM
2018/19-5	Lab	LCS dup, rec	5/17/2019	Pesticide	beta-BHC	n/a	=	125	%	EPA 608	-88	-88	53	123	EUM
2018/19-5	Lab	LCS, RPD	5/17/2019	Pesticide	beta-BHC	n/a	=	8	%	EPA 608	-88	-88	0	30	EUM
2018/19-5	Lab	method blank	5/21/2019	Pesticide	beta-BHC	n/a	<	0.0031	µg/L	EPA 608	0.0031	0.005			
2018/19-5	Lab	LCS	5/21/2019	Pesticide	beta-BHC	n/a	=	0.113	µg/L	EPA 608	0.0031	0.005			
2018/19-5	Lab	LCS, rec	5/21/2019	Pesticide	beta-BHC	n/a	=	113	%	EPA 608	-88	-88	53	123	
2018/19-5	Lab	LCS dup	5/21/2019	Pesticide	beta-BHC	n/a	=	0.108	µg/L	EPA 608	0.0031	0.005			
2018/19-5	Lab	LCS dup, rec	5/21/2019	Pesticide	beta-BHC	n/a	=	108	%	EPA 608	-88	-88	53	123	
2018/19-5	Lab	LCS, RPD	5/21/2019	Pesticide	beta-BHC	n/a	=	4	%	EPA 608	-88	-88	0	30	
2018/19-5	000NONPJ	matrix spike	5/21/2019	Pesticide	Bolstar	n/a	=	0.0381	µg/L	EPA 525.2m	0.0046	0.01			
2018/19-5	000NONPJ	matrix spike, rec	5/21/2019	Pesticide	Bolstar	n/a	=	76	%	EPA 525.2m	-88	-88	4	184	
2018/19-5	000NONPJ	matrix spike dup	5/21/2019	Pesticide	Bolstar	n/a	=	0.0389	µg/L	EPA 525.2m	0.0046	0.01			
2018/19-5	000NONPJ	matrix spike dup, rec	5/21/2019	Pesticide	Bolstar	n/a	=	78	%	EPA 525.2m	-88	-88	4	184	
2018/19-5	000NONPJ	matrix spike, RPD	5/21/2019	Pesticide	Bolstar	n/a	=	2	%	EPA 525.2m	-88	-88	0	30	
2018/19-5	000NONPJ	matrix spike	5/21/2019	Pesticide	Bolstar	n/a	=	0.0377	µg/L	EPA 525.2m	0.0046	0.01			
2018/19-5	000NONPJ	matrix spike, rec	5/21/2019	Pesticide	Bolstar	n/a	=	75	%	EPA 525.2m	-88	-88	4	184	
2018/19-5	000NONPJ	matrix spike dup	5/21/2019	Pesticide	Bolstar	n/a	=	0.0495	µg/L	EPA 525.2m	0.0046	0.01			
2018/19-5	000NONPJ	matrix spike dup, rec	5/21/2019	Pesticide	Bolstar	n/a	=	99	%	EPA 525.2m	-88	-88	4	184	

Appendix F
Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2018/19-5	000NONPJ	matrix spike, RPD	5/21/2019	Pesticide	Bolstar	n/a	=	27	%	EPA 525.2m	-88	-88	0	30	
2018/19-5	000NONPJ	matrix spike	6/3/2019	Pesticide	Bolstar	n/a	=	0.0322	µg/L	EPA 525.2m	0.0046	0.01			
2018/19-5	000NONPJ	matrix spike, rec	6/3/2019	Pesticide	Bolstar	n/a	=	64	%	EPA 525.2m	-88	-88	4	184	
2018/19-5	000NONPJ	matrix spike dup	6/3/2019	Pesticide	Bolstar	n/a	=	0.0385	µg/L	EPA 525.2m	0.0046	0.01			
2018/19-5	000NONPJ	matrix spike dup, rec	6/3/2019	Pesticide	Bolstar	n/a	=	77	%	EPA 525.2m	-88	-88	4	184	
2018/19-5	000NONPJ	matrix spike, RPD	6/3/2019	Pesticide	Bolstar	n/a	=	18	%	EPA 525.2m	-88	-88	0	30	
2018/19-5	Lab	method blank	5/21/2019	Pesticide	Bolstar	n/a	<	0.0046	µg/L	EPA 525.2m	0.0046	0.01			
2018/19-5	Lab	LCS	5/21/2019	Pesticide	Bolstar	n/a	=	0.0381	µg/L	EPA 525.2m	0.0046	0.01			
2018/19-5	Lab	LCS, rec	5/21/2019	Pesticide	Bolstar	n/a	=	76	%	EPA 525.2m	-88	-88	11	166	
2018/19-5	Lab	method blank	5/21/2019	Pesticide	Bolstar	n/a	<	0.0046	µg/L	EPA 525.2m	0.0046	0.01			
2018/19-5	Lab	LCS	5/21/2019	Pesticide	Bolstar	n/a	=	0.0437	µg/L	EPA 525.2m	0.0046	0.01			
2018/19-5	Lab	LCS, rec	5/21/2019	Pesticide	Bolstar	n/a	=	87	%	EPA 525.2m	-88	-88	11	166	
2018/19-5	Lab	method blank	6/3/2019	Pesticide	Bolstar	n/a	<	0.0046	µg/L	EPA 525.2m	0.0046	0.01			
2018/19-5	Lab	LCS	6/3/2019	Pesticide	Bolstar	n/a	=	0.0372	µg/L	EPA 525.2m	0.0046	0.01			
2018/19-5	Lab	LCS, rec	6/3/2019	Pesticide	Bolstar	n/a	=	74	%	EPA 525.2m	-88	-88	11	166	
2018/19-5	000NONPJ	matrix spike	5/6/2019	Pesticide	Bromacil	n/a	=	7.99	µg/L	EPA 525.2	0.038	1			GB
2018/19-5	000NONPJ	matrix spike, rec	5/6/2019	Pesticide	Bromacil	n/a	=	160	%	EPA 525.2	-88	-88	70	130	GB
2018/19-5	000NONPJ	matrix spike dup	5/6/2019	Pesticide	Bromacil	n/a	=	8.01	µg/L	EPA 525.2	0.038	1			GB
2018/19-5	000NONPJ	matrix spike dup, rec	5/6/2019	Pesticide	Bromacil	n/a	=	160	%	EPA 525.2	-88	-88	70	130	GB
2018/19-5	000NONPJ	matrix spike, RPD	5/6/2019	Pesticide	Bromacil	n/a	=	0.3	%	EPA 525.2	-88	-88	0	30	GB
2018/19-5	000NONPJ	matrix spike	5/14/2019	Pesticide	Bromacil	n/a	=	5.34	µg/L	EPA 525.2	0.038	1			
2018/19-5	000NONPJ	matrix spike, rec	5/14/2019	Pesticide	Bromacil	n/a	=	107	%	EPA 525.2	-88	-88	70	130	
2018/19-5	000NONPJ	matrix spike dup	5/14/2019	Pesticide	Bromacil	n/a	=	5.12	µg/L	EPA 525.2	0.038	1			
2018/19-5	000NONPJ	matrix spike dup, rec	5/14/2019	Pesticide	Bromacil	n/a	=	102	%	EPA 525.2	-88	-88	70	130	
2018/19-5	000NONPJ	matrix spike, RPD	5/14/2019	Pesticide	Bromacil	n/a	=	4	%	EPA 525.2	-88	-88	0	30	
2018/19-5	Lab	method blank	5/6/2019	Pesticide	Bromacil	n/a	<	0.038	µg/L	EPA 525.2	0.038	1			
2018/19-5	Lab	LCS	5/6/2019	Pesticide	Bromacil	n/a	=	4.69	µg/L	EPA 525.2	0.038	1			
2018/19-5	Lab	LCS, rec	5/6/2019	Pesticide	Bromacil	n/a	=	94	%	EPA 525.2	-88	-88	70	130	
2018/19-5	Lab	LCS	5/14/2019	Pesticide	Bromacil	n/a	=	5.17	µg/L	EPA 525.2	0.038	1			
2018/19-5	Lab	LCS, rec	5/14/2019	Pesticide	Bromacil	n/a	=	103	%	EPA 525.2	-88	-88	70	130	
2018/19-5	Lab	LCS dup	5/14/2019	Pesticide	Bromacil	n/a	=	4.96	µg/L	EPA 525.2	0.038	1			
2018/19-5	Lab	LCS dup, rec	5/14/2019	Pesticide	Bromacil	n/a	=	99	%	EPA 525.2	-88	-88	70	130	
2018/19-5	Lab	LCS, RPD	5/14/2019	Pesticide	Bromacil	n/a	=	4	%	EPA 525.2	-88	-88	0	30	
2018/19-5	Lab	method blank	5/15/2019	Pesticide	Bromacil	n/a	<	0.038	µg/L	EPA 525.2	0.038	1			
2018/19-5	Lab	method blank	5/16/2019	Pesticide	Bromacil	n/a	<	0.038	µg/L	EPA 525.2	0.038	1			
2018/19-5	Lab	LCS	5/16/2019	Pesticide	Bromacil	n/a	=	4.47	µg/L	EPA 525.2	0.038	1			
2018/19-5	Lab	LCS, rec	5/16/2019	Pesticide	Bromacil	n/a	=	89	%	EPA 525.2	-88	-88	70	130	
2018/19-5	Lab	LCS dup	5/16/2019	Pesticide	Bromacil	n/a	=	4.33	µg/L	EPA 525.2	0.038	1			
2018/19-5	Lab	LCS dup, rec	5/16/2019	Pesticide	Bromacil	n/a	=	87	%	EPA 525.2	-88	-88	70	130	
2018/19-5	Lab	LCS, RPD	5/16/2019	Pesticide	Bromacil	n/a	=	3	%	EPA 525.2	-88	-88	0	30	
2018/19-5	000NONPJ	matrix spike	5/6/2019	Pesticide	Butachlor	n/a	=	6.11	µg/L	EPA 525.2	0.017	0.2			
2018/19-5	000NONPJ	matrix spike, rec	5/6/2019	Pesticide	Butachlor	n/a	=	122	%	EPA 525.2	-88	-88	70	130	
2018/19-5	000NONPJ	matrix spike dup	5/6/2019	Pesticide	Butachlor	n/a	=	6.43	µg/L	EPA 525.2	0.017	0.2			
2018/19-5	000NONPJ	matrix spike dup, rec	5/6/2019	Pesticide	Butachlor	n/a	=	129	%	EPA 525.2	-88	-88	70	130	
2018/19-5	000NONPJ	matrix spike, RPD	5/6/2019	Pesticide	Butachlor	n/a	=	5	%	EPA 525.2	-88	-88	0	30	
2018/19-5	000NONPJ	matrix spike	5/14/2019	Pesticide	Butachlor	n/a	=	5.09	µg/L	EPA 525.2	0.017	0.2			
2018/19-5	000NONPJ	matrix spike, rec	5/14/2019	Pesticide	Butachlor	n/a	=	102	%	EPA 525.2	-88	-88	70	130	

Appendix F
Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2018/19-5	000NONPJ	matrix spike dup	5/14/2019	Pesticide	Butachlor	n/a	=	5.29	µg/L	EPA 525.2	0.017	0.2			
2018/19-5	000NONPJ	matrix spike dup, rec	5/14/2019	Pesticide	Butachlor	n/a	=	106	%	EPA 525.2	-88	-88	70	130	
2018/19-5	000NONPJ	matrix spike, RPD	5/14/2019	Pesticide	Butachlor	n/a	=	4	%	EPA 525.2	-88	-88	0	30	
2018/19-5	Lab	method blank	5/6/2019	Pesticide	Butachlor	n/a	<	0.017	µg/L	EPA 525.2	0.017	0.2			
2018/19-5	Lab	LCS	5/6/2019	Pesticide	Butachlor	n/a	=	4.79	µg/L	EPA 525.2	0.017	0.2			
2018/19-5	Lab	LCS, rec	5/6/2019	Pesticide	Butachlor	n/a	=	96	%	EPA 525.2	-88	-88	70	130	
2018/19-5	Lab	LCS	5/14/2019	Pesticide	Butachlor	n/a	=	5.27	µg/L	EPA 525.2	0.017	0.2			
2018/19-5	Lab	LCS, rec	5/14/2019	Pesticide	Butachlor	n/a	=	105	%	EPA 525.2	-88	-88	70	130	
2018/19-5	Lab	LCS dup	5/14/2019	Pesticide	Butachlor	n/a	=	5.14	µg/L	EPA 525.2	0.017	0.2			
2018/19-5	Lab	LCS dup, rec	5/14/2019	Pesticide	Butachlor	n/a	=	103	%	EPA 525.2	-88	-88	70	130	
2018/19-5	Lab	LCS, RPD	5/14/2019	Pesticide	Butachlor	n/a	=	3	%	EPA 525.2	-88	-88	0	30	
2018/19-5	Lab	method blank	5/15/2019	Pesticide	Butachlor	n/a	<	0.017	µg/L	EPA 525.2	0.017	0.2			
2018/19-5	Lab	method blank	5/16/2019	Pesticide	Butachlor	n/a	<	0.017	µg/L	EPA 525.2	0.017	0.2			
2018/19-5	Lab	LCS	5/16/2019	Pesticide	Butachlor	n/a	=	4.64	µg/L	EPA 525.2	0.017	0.2			
2018/19-5	Lab	LCS, rec	5/16/2019	Pesticide	Butachlor	n/a	=	93	%	EPA 525.2	-88	-88	70	130	
2018/19-5	Lab	LCS dup	5/16/2019	Pesticide	Butachlor	n/a	=	4.9	µg/L	EPA 525.2	0.017	0.2			
2018/19-5	Lab	LCS dup, rec	5/16/2019	Pesticide	Butachlor	n/a	=	98	%	EPA 525.2	-88	-88	70	130	
2018/19-5	Lab	LCS, RPD	5/16/2019	Pesticide	Butachlor	n/a	=	5	%	EPA 525.2	-88	-88	0	30	
2018/19-5	000NONPJ	matrix spike	5/6/2019	Pesticide	Captan	n/a	=	11.3	µg/L	EPA 525.2	0.86	1			GB
2018/19-5	000NONPJ	matrix spike, rec	5/6/2019	Pesticide	Captan	n/a	=	226	%	EPA 525.2	-88	-88	70	130	GB
2018/19-5	000NONPJ	matrix spike dup	5/6/2019	Pesticide	Captan	n/a	=	11.2	µg/L	EPA 525.2	0.86	1			GB
2018/19-5	000NONPJ	matrix spike dup, rec	5/6/2019	Pesticide	Captan	n/a	=	225	%	EPA 525.2	-88	-88	70	130	GB
2018/19-5	000NONPJ	matrix spike, RPD	5/6/2019	Pesticide	Captan	n/a	=	0.3	%	EPA 525.2	-88	-88	0	30	GB
2018/19-5	000NONPJ	matrix spike	5/14/2019	Pesticide	Captan	n/a	=	5.34	µg/L	EPA 525.2	0.86	1			
2018/19-5	000NONPJ	matrix spike, rec	5/14/2019	Pesticide	Captan	n/a	=	107	%	EPA 525.2	-88	-88	70	130	
2018/19-5	000NONPJ	matrix spike dup	5/14/2019	Pesticide	Captan	n/a	=	4.85	µg/L	EPA 525.2	0.86	1			
2018/19-5	000NONPJ	matrix spike dup, rec	5/14/2019	Pesticide	Captan	n/a	=	97	%	EPA 525.2	-88	-88	70	130	
2018/19-5	000NONPJ	matrix spike, RPD	5/14/2019	Pesticide	Captan	n/a	=	10	%	EPA 525.2	-88	-88	0	30	
2018/19-5	Lab	method blank	5/6/2019	Pesticide	Captan	n/a	<	0.86	µg/L	EPA 525.2	0.86	1			
2018/19-5	Lab	LCS	5/6/2019	Pesticide	Captan	n/a	=	4.44	µg/L	EPA 525.2	0.86	1			
2018/19-5	Lab	LCS, rec	5/6/2019	Pesticide	Captan	n/a	=	89	%	EPA 525.2	-88	-88	70	130	
2018/19-5	Lab	LCS	5/14/2019	Pesticide	Captan	n/a	=	4.89	µg/L	EPA 525.2	0.86	1			
2018/19-5	Lab	LCS, rec	5/14/2019	Pesticide	Captan	n/a	=	98	%	EPA 525.2	-88	-88	70	130	
2018/19-5	Lab	LCS dup	5/14/2019	Pesticide	Captan	n/a	=	4.67	µg/L	EPA 525.2	0.86	1			
2018/19-5	Lab	LCS dup, rec	5/14/2019	Pesticide	Captan	n/a	=	93	%	EPA 525.2	-88	-88	70	130	
2018/19-5	Lab	LCS, RPD	5/14/2019	Pesticide	Captan	n/a	=	5	%	EPA 525.2	-88	-88	0	30	
2018/19-5	Lab	method blank	5/15/2019	Pesticide	Captan	n/a	<	0.86	µg/L	EPA 525.2	0.86	1			
2018/19-5	Lab	method blank	5/16/2019	Pesticide	Captan	n/a	<	0.86	µg/L	EPA 525.2	0.86	1			
2018/19-5	Lab	LCS	5/16/2019	Pesticide	Captan	n/a	=	4.44	µg/L	EPA 525.2	0.86	1			
2018/19-5	Lab	LCS, rec	5/16/2019	Pesticide	Captan	n/a	=	89	%	EPA 525.2	-88	-88	70	130	
2018/19-5	Lab	LCS dup	5/16/2019	Pesticide	Captan	n/a	=	4.21	µg/L	EPA 525.2	0.86	1			
2018/19-5	Lab	LCS dup, rec	5/16/2019	Pesticide	Captan	n/a	=	84	%	EPA 525.2	-88	-88	70	130	
2018/19-5	Lab	LCS, RPD	5/16/2019	Pesticide	Captan	n/a	=	5	%	EPA 525.2	-88	-88	0	30	
2018/19-5	000NONPJ	matrix spike	5/6/2019	Pesticide	Chloroprotham	n/a	=	5.78	µg/L	EPA 525.2	0.01	0.1			
2018/19-5	000NONPJ	matrix spike, rec	5/6/2019	Pesticide	Chloroprotham	n/a	=	116	%	EPA 525.2	-88	-88	70	130	
2018/19-5	000NONPJ	matrix spike dup	5/6/2019	Pesticide	Chloroprotham	n/a	=	6.08	µg/L	EPA 525.2	0.01	0.1			
2018/19-5	000NONPJ	matrix spike dup, rec	5/6/2019	Pesticide	Chloroprotham	n/a	=	122	%	EPA 525.2	-88	-88	70	130	

Appendix F
Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2018/19-5	000NONPJ	matrix spike, RPD	5/6/2019	Pesticide	Chloroprotham	n/a	=	5	%	EPA 525.2	-88	-88	0	30	
2018/19-5	000NONPJ	matrix spike	5/14/2019	Pesticide	Chloroprotham	n/a	=	5.22	µg/L	EPA 525.2	0.01	0.1			
2018/19-5	000NONPJ	matrix spike, rec	5/14/2019	Pesticide	Chloroprotham	n/a	=	104	%	EPA 525.2	-88	-88	70	130	
2018/19-5	000NONPJ	matrix spike dup	5/14/2019	Pesticide	Chloroprotham	n/a	=	4.95	µg/L	EPA 525.2	0.01	0.1			
2018/19-5	000NONPJ	matrix spike dup, rec	5/14/2019	Pesticide	Chloroprotham	n/a	=	99	%	EPA 525.2	-88	-88	70	130	
2018/19-5	000NONPJ	matrix spike, RPD	5/14/2019	Pesticide	Chloroprotham	n/a	=	5	%	EPA 525.2	-88	-88	0	30	
2018/19-5	Lab	method blank	5/6/2019	Pesticide	Chloroprotham	n/a	<	0.01	µg/L	EPA 525.2	0.01	0.1			
2018/19-5	Lab	LCS	5/6/2019	Pesticide	Chloroprotham	n/a	=	4.71	µg/L	EPA 525.2	0.01	0.1			
2018/19-5	Lab	LCS, rec	5/6/2019	Pesticide	Chloroprotham	n/a	=	94	%	EPA 525.2	-88	-88	70	130	
2018/19-5	Lab	LCS	5/14/2019	Pesticide	Chloroprotham	n/a	=	5.03	µg/L	EPA 525.2	0.01	0.1			
2018/19-5	Lab	LCS, rec	5/14/2019	Pesticide	Chloroprotham	n/a	=	101	%	EPA 525.2	-88	-88	70	130	
2018/19-5	Lab	LCS dup	5/14/2019	Pesticide	Chloroprotham	n/a	=	4.84	µg/L	EPA 525.2	0.01	0.1			
2018/19-5	Lab	LCS dup, rec	5/14/2019	Pesticide	Chloroprotham	n/a	=	97	%	EPA 525.2	-88	-88	70	130	
2018/19-5	Lab	LCS, RPD	5/14/2019	Pesticide	Chloroprotham	n/a	=	4	%	EPA 525.2	-88	-88	0	30	
2018/19-5	Lab	method blank	5/15/2019	Pesticide	Chloroprotham	n/a	<	0.01	µg/L	EPA 525.2	0.01	0.1			
2018/19-5	Lab	method blank	5/16/2019	Pesticide	Chloroprotham	n/a	<	0.01	µg/L	EPA 525.2	0.01	0.1			
2018/19-5	Lab	LCS	5/16/2019	Pesticide	Chloroprotham	n/a	=	4.92	µg/L	EPA 525.2	0.01	0.1			
2018/19-5	Lab	LCS, rec	5/16/2019	Pesticide	Chloroprotham	n/a	=	98	%	EPA 525.2	-88	-88	70	130	
2018/19-5	Lab	LCS dup	5/16/2019	Pesticide	Chloroprotham	n/a	=	4.8	µg/L	EPA 525.2	0.01	0.1			
2018/19-5	Lab	LCS dup, rec	5/16/2019	Pesticide	Chloroprotham	n/a	=	96	%	EPA 525.2	-88	-88	70	130	
2018/19-5	Lab	LCS, RPD	5/16/2019	Pesticide	Chloroprotham	n/a	=	3	%	EPA 525.2	-88	-88	0	30	
2018/19-5	000NONPJ	matrix spike	5/21/2019	Pesticide	Chlorpyrifos	n/a	=	0.054	µg/L	EPA 525.2m	0.0069	0.01			
2018/19-5	000NONPJ	matrix spike, rec	5/21/2019	Pesticide	Chlorpyrifos	n/a	=	108	%	EPA 525.2m	-88	-88	37	168	
2018/19-5	000NONPJ	matrix spike dup	5/21/2019	Pesticide	Chlorpyrifos	n/a	=	0.0597	µg/L	EPA 525.2m	0.0069	0.01			
2018/19-5	000NONPJ	matrix spike dup, rec	5/21/2019	Pesticide	Chlorpyrifos	n/a	=	119	%	EPA 525.2m	-88	-88	37	168	
2018/19-5	000NONPJ	matrix spike, RPD	5/21/2019	Pesticide	Chlorpyrifos	n/a	=	10	%	EPA 525.2m	-88	-88	0	30	
2018/19-5	000NONPJ	matrix spike	5/21/2019	Pesticide	Chlorpyrifos	n/a	=	0.0614	µg/L	EPA 525.2m	0.0069	0.01			
2018/19-5	000NONPJ	matrix spike, rec	5/21/2019	Pesticide	Chlorpyrifos	n/a	=	123	%	EPA 525.2m	-88	-88	37	168	
2018/19-5	000NONPJ	matrix spike dup	5/21/2019	Pesticide	Chlorpyrifos	n/a	=	0.0663	µg/L	EPA 525.2m	0.0069	0.01			
2018/19-5	000NONPJ	matrix spike dup, rec	5/21/2019	Pesticide	Chlorpyrifos	n/a	=	133	%	EPA 525.2m	-88	-88	37	168	
2018/19-5	000NONPJ	matrix spike, RPD	5/21/2019	Pesticide	Chlorpyrifos	n/a	=	8	%	EPA 525.2m	-88	-88	0	30	
2018/19-5	000NONPJ	matrix spike	6/3/2019	Pesticide	Chlorpyrifos	n/a	=	0.0695	µg/L	EPA 525.2m	0.0069	0.01			
2018/19-5	000NONPJ	matrix spike, rec	6/3/2019	Pesticide	Chlorpyrifos	n/a	=	139	%	EPA 525.2m	-88	-88	37	168	
2018/19-5	000NONPJ	matrix spike dup	6/3/2019	Pesticide	Chlorpyrifos	n/a	=	0.0697	µg/L	EPA 525.2m	0.0069	0.01			
2018/19-5	000NONPJ	matrix spike dup, rec	6/3/2019	Pesticide	Chlorpyrifos	n/a	=	139	%	EPA 525.2m	-88	-88	37	168	
2018/19-5	000NONPJ	matrix spike, RPD	6/3/2019	Pesticide	Chlorpyrifos	n/a	=	0.2	%	EPA 525.2m	-88	-88	0	30	
2018/19-5	Lab	method blank	5/21/2019	Pesticide	Chlorpyrifos	n/a	<	0.0069	µg/L	EPA 525.2m	0.0069	0.01			
2018/19-5	Lab	LCS	5/21/2019	Pesticide	Chlorpyrifos	n/a	=	0.054	µg/L	EPA 525.2m	0.0069	0.01			
2018/19-5	Lab	LCS, rec	5/21/2019	Pesticide	Chlorpyrifos	n/a	=	108	%	EPA 525.2m	-88	-88	37	169	
2018/19-5	Lab	method blank	5/21/2019	Pesticide	Chlorpyrifos	n/a	<	0.0069	µg/L	EPA 525.2m	0.0069	0.01			
2018/19-5	Lab	LCS	5/21/2019	Pesticide	Chlorpyrifos	n/a	=	0.0598	µg/L	EPA 525.2m	0.0069	0.01			
2018/19-5	Lab	LCS, rec	5/21/2019	Pesticide	Chlorpyrifos	n/a	=	120	%	EPA 525.2m	-88	-88	37	169	
2018/19-5	Lab	method blank	6/3/2019	Pesticide	Chlorpyrifos	n/a	<	0.0069	µg/L	EPA 525.2m	0.0069	0.01			
2018/19-5	Lab	LCS	6/3/2019	Pesticide	Chlorpyrifos	n/a	=	0.0486	µg/L	EPA 525.2m	0.0069	0.01			
2018/19-5	Lab	LCS, rec	6/3/2019	Pesticide	Chlorpyrifos	n/a	=	97	%	EPA 525.2m	-88	-88	37	169	
2018/19-5	000NONPJ	matrix spike	5/21/2019	Pesticide	Coumaphos	n/a	=	0.0508	µg/L	EPA 525.2m	0.0051	0.01			
2018/19-5	000NONPJ	matrix spike, rec	5/21/2019	Pesticide	Coumaphos	n/a	=	102	%	EPA 525.2m	-88	-88	0.1	203	

Appendix F
Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2018/19-5	000NONPJ	matrix spike dup	5/21/2019	Pesticide	Coumaphos	n/a	=	0.0508	µg/L	EPA 525.2m	0.0051	0.01			
2018/19-5	000NONPJ	matrix spike dup, rec	5/21/2019	Pesticide	Coumaphos	n/a	=	102	%	EPA 525.2m	-88	-88	0.1	203	
2018/19-5	000NONPJ	matrix spike, RPD	5/21/2019	Pesticide	Coumaphos	n/a	=	0.1	%	EPA 525.2m	-88	-88	0	30	
2018/19-5	000NONPJ	matrix spike	5/21/2019	Pesticide	Coumaphos	n/a	=	0.0448	µg/L	EPA 525.2m	0.0051	0.01			
2018/19-5	000NONPJ	matrix spike, rec	5/21/2019	Pesticide	Coumaphos	n/a	=	90	%	EPA 525.2m	-88	-88	0.1	203	
2018/19-5	000NONPJ	matrix spike dup	5/21/2019	Pesticide	Coumaphos	n/a	=	0.0557	µg/L	EPA 525.2m	0.0051	0.01			
2018/19-5	000NONPJ	matrix spike dup, rec	5/21/2019	Pesticide	Coumaphos	n/a	=	111	%	EPA 525.2m	-88	-88	0.1	203	
2018/19-5	000NONPJ	matrix spike, RPD	5/21/2019	Pesticide	Coumaphos	n/a	=	22	%	EPA 525.2m	-88	-88	0	30	
2018/19-5	000NONPJ	matrix spike	6/3/2019	Pesticide	Coumaphos	n/a	=	0.0383	µg/L	EPA 525.2m	0.0051	0.01			
2018/19-5	000NONPJ	matrix spike, rec	6/3/2019	Pesticide	Coumaphos	n/a	=	77	%	EPA 525.2m	-88	-88	0.1	203	
2018/19-5	000NONPJ	matrix spike dup	6/3/2019	Pesticide	Coumaphos	n/a	=	0.0469	µg/L	EPA 525.2m	0.0051	0.01			
2018/19-5	000NONPJ	matrix spike dup, rec	6/3/2019	Pesticide	Coumaphos	n/a	=	94	%	EPA 525.2m	-88	-88	0.1	203	
2018/19-5	000NONPJ	matrix spike, RPD	6/3/2019	Pesticide	Coumaphos	n/a	=	20	%	EPA 525.2m	-88	-88	0	30	
2018/19-5	Lab	method blank	5/21/2019	Pesticide	Coumaphos	n/a	<	0.0051	µg/L	EPA 525.2m	0.0051	0.01			
2018/19-5	Lab	LCS	5/21/2019	Pesticide	Coumaphos	n/a	=	0.0508	µg/L	EPA 525.2m	0.0051	0.01			
2018/19-5	Lab	LCS, rec	5/21/2019	Pesticide	Coumaphos	n/a	=	102	%	EPA 525.2m	-88	-88	0.1	225	
2018/19-5	Lab	method blank	5/21/2019	Pesticide	Coumaphos	n/a	<	0.0051	µg/L	EPA 525.2m	0.0051	0.01			
2018/19-5	Lab	LCS	5/21/2019	Pesticide	Coumaphos	n/a	=	0.0554	µg/L	EPA 525.2m	0.0051	0.01			
2018/19-5	Lab	LCS, rec	5/21/2019	Pesticide	Coumaphos	n/a	=	111	%	EPA 525.2m	-88	-88	0.1	225	
2018/19-5	Lab	method blank	6/3/2019	Pesticide	Coumaphos	n/a	<	0.0051	µg/L	EPA 525.2m	0.0051	0.01			
2018/19-5	Lab	LCS	6/3/2019	Pesticide	Coumaphos	n/a	=	0.052	µg/L	EPA 525.2m	0.0051	0.01			
2018/19-5	Lab	LCS, rec	6/3/2019	Pesticide	Coumaphos	n/a	=	104	%	EPA 525.2m	-88	-88	0.1	225	
2018/19-5	000NONPJ	matrix spike	5/6/2019	Pesticide	Cyanazine	n/a	=	3.6	µg/L	EPA 525.2	0.024	0.1			
2018/19-5	000NONPJ	matrix spike, rec	5/6/2019	Pesticide	Cyanazine	n/a	=	72	%	EPA 525.2	-88	-88	70	130	
2018/19-5	000NONPJ	matrix spike dup	5/6/2019	Pesticide	Cyanazine	n/a	=	3.83	µg/L	EPA 525.2	0.024	0.1			
2018/19-5	000NONPJ	matrix spike dup, rec	5/6/2019	Pesticide	Cyanazine	n/a	=	77	%	EPA 525.2	-88	-88	70	130	
2018/19-5	000NONPJ	matrix spike, RPD	5/6/2019	Pesticide	Cyanazine	n/a	=	6	%	EPA 525.2	-88	-88	0	30	
2018/19-5	000NONPJ	matrix spike	5/14/2019	Pesticide	Cyanazine	n/a	=	4.61	µg/L	EPA 525.2	0.024	0.1			
2018/19-5	000NONPJ	matrix spike, rec	5/14/2019	Pesticide	Cyanazine	n/a	=	92	%	EPA 525.2	-88	-88	70	130	
2018/19-5	000NONPJ	matrix spike dup	5/14/2019	Pesticide	Cyanazine	n/a	=	4.35	µg/L	EPA 525.2	0.024	0.1			
2018/19-5	000NONPJ	matrix spike dup, rec	5/14/2019	Pesticide	Cyanazine	n/a	=	87	%	EPA 525.2	-88	-88	70	130	
2018/19-5	000NONPJ	matrix spike, RPD	5/14/2019	Pesticide	Cyanazine	n/a	=	6	%	EPA 525.2	-88	-88	0	30	
2018/19-5	Lab	method blank	5/6/2019	Pesticide	Cyanazine	n/a	<	0.024	µg/L	EPA 525.2	0.024	0.1			
2018/19-5	Lab	LCS	5/6/2019	Pesticide	Cyanazine	n/a	=	4.63	µg/L	EPA 525.2	0.024	0.1			
2018/19-5	Lab	LCS, rec	5/6/2019	Pesticide	Cyanazine	n/a	=	93	%	EPA 525.2	-88	-88	70	130	
2018/19-5	Lab	LCS	5/14/2019	Pesticide	Cyanazine	n/a	=	4.71	µg/L	EPA 525.2	0.024	0.1			
2018/19-5	Lab	LCS, rec	5/14/2019	Pesticide	Cyanazine	n/a	=	94	%	EPA 525.2	-88	-88	70	130	
2018/19-5	Lab	LCS dup	5/14/2019	Pesticide	Cyanazine	n/a	=	4.48	µg/L	EPA 525.2	0.024	0.1			
2018/19-5	Lab	LCS dup, rec	5/14/2019	Pesticide	Cyanazine	n/a	=	90	%	EPA 525.2	-88	-88	70	130	
2018/19-5	Lab	LCS, RPD	5/14/2019	Pesticide	Cyanazine	n/a	=	5	%	EPA 525.2	-88	-88	0	30	
2018/19-5	Lab	method blank	5/15/2019	Pesticide	Cyanazine	n/a	<	0.024	µg/L	EPA 525.2	0.024	0.1			
2018/19-5	Lab	method blank	5/16/2019	Pesticide	Cyanazine	n/a	<	0.024	µg/L	EPA 525.2	0.024	0.1			
2018/19-5	Lab	LCS	5/16/2019	Pesticide	Cyanazine	n/a	=	4.71	µg/L	EPA 525.2	0.024	0.1			
2018/19-5	Lab	LCS, rec	5/16/2019	Pesticide	Cyanazine	n/a	=	94	%	EPA 525.2	-88	-88	70	130	
2018/19-5	Lab	LCS dup	5/16/2019	Pesticide	Cyanazine	n/a	=	4.27	µg/L	EPA 525.2	0.024	0.1			
2018/19-5	Lab	LCS dup, rec	5/16/2019	Pesticide	Cyanazine	n/a	=	85	%	EPA 525.2	-88	-88	70	130	
2018/19-5	Lab	LCS, RPD	5/16/2019	Pesticide	Cyanazine	n/a	=	10	%	EPA 525.2	-88	-88	0	30	

Appendix F
Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2018/19-5	000NONPJ	matrix spike	5/10/2019	Pesticide	Dalapon	n/a	=	5.7	µg/L	EPA 515.4	0.1	0.4			GB
2018/19-5	000NONPJ	matrix spike, rec	5/10/2019	Pesticide	Dalapon	n/a	=	69	%	EPA 515.4	-88	-88	70	130	GB
2018/19-5	000NONPJ	matrix spike dup	5/10/2019	Pesticide	Dalapon	n/a	=	5.64	µg/L	EPA 515.4	0.1	0.4			GB
2018/19-5	000NONPJ	matrix spike dup, rec	5/10/2019	Pesticide	Dalapon	n/a	=	68	%	EPA 515.4	-88	-88	70	130	GB
2018/19-5	000NONPJ	matrix spike, RPD	5/10/2019	Pesticide	Dalapon	n/a	=	1	%	EPA 515.4	-88	-88	0	30	GB
2018/19-5	000NONPJ	matrix spike	5/16/2019	Pesticide	Dalapon	n/a	=	7.25	µg/L	EPA 515.4	0.1	0.4			
2018/19-5	000NONPJ	matrix spike, rec	5/16/2019	Pesticide	Dalapon	n/a	=	91	%	EPA 515.4	-88	-88	70	130	
2018/19-5	000NONPJ	matrix spike dup	5/16/2019	Pesticide	Dalapon	n/a	=	6.35	µg/L	EPA 515.4	0.1	0.4			
2018/19-5	000NONPJ	matrix spike dup, rec	5/16/2019	Pesticide	Dalapon	n/a	=	79	%	EPA 515.4	-88	-88	70	130	
2018/19-5	000NONPJ	matrix spike, RPD	5/16/2019	Pesticide	Dalapon	n/a	=	13	%	EPA 515.4	-88	-88	0	30	
2018/19-5	000NONPJ	matrix spike	5/23/2019	Pesticide	Dalapon	n/a	=	8.4	µg/L	EPA 515.4	0.1	0.4			
2018/19-5	000NONPJ	matrix spike, rec	5/23/2019	Pesticide	Dalapon	n/a	=	105	%	EPA 515.4	-88	-88	70	130	
2018/19-5	000NONPJ	matrix spike dup	5/23/2019	Pesticide	Dalapon	n/a	=	6.96	µg/L	EPA 515.4	0.1	0.4			
2018/19-5	000NONPJ	matrix spike dup, rec	5/23/2019	Pesticide	Dalapon	n/a	=	87	%	EPA 515.4	-88	-88	70	130	
2018/19-5	000NONPJ	matrix spike, RPD	5/23/2019	Pesticide	Dalapon	n/a	=	19	%	EPA 515.4	-88	-88	0	30	
2018/19-5	Lab	method blank	5/10/2019	Pesticide	Dalapon	n/a	<	0.1	µg/L	EPA 515.4	0.1	0.4			
2018/19-5	Lab	LCS	5/10/2019	Pesticide	Dalapon	n/a	=	7.84	µg/L	EPA 515.4	0.1	0.4			
2018/19-5	Lab	LCS, rec	5/10/2019	Pesticide	Dalapon	n/a	=	98	%	EPA 515.4	-88	-88	70	130	
2018/19-5	Lab	method blank	5/15/2019	Pesticide	Dalapon	n/a	<	0.1	µg/L	EPA 515.4	0.1	0.4			
2018/19-5	Lab	LCS	5/15/2019	Pesticide	Dalapon	n/a	=	7.48	µg/L	EPA 515.4	0.1	0.4			
2018/19-5	Lab	LCS, rec	5/15/2019	Pesticide	Dalapon	n/a	=	94	%	EPA 515.4	-88	-88	70	130	
2018/19-5	Lab	method blank	5/23/2019	Pesticide	Dalapon	n/a	<	0.1	µg/L	EPA 515.4	0.1	0.4			
2018/19-5	Lab	LCS	5/23/2019	Pesticide	Dalapon	n/a	=	7.71	µg/L	EPA 515.4	0.1	0.4			
2018/19-5	Lab	LCS, rec	5/23/2019	Pesticide	Dalapon	n/a	=	96	%	EPA 515.4	-88	-88	70	130	
2018/19-5	000NONPJ	matrix spike	5/10/2019	Pesticide	DCPA (Dacthal)	n/a	=	4.19	µg/L	EPA 515.4	0.07	0.1			
2018/19-5	000NONPJ	matrix spike, rec	5/10/2019	Pesticide	DCPA (Dacthal)	n/a	=	105	%	EPA 515.4	-88	-88	70	130	
2018/19-5	000NONPJ	matrix spike dup	5/10/2019	Pesticide	DCPA (Dacthal)	n/a	=	3.91	µg/L	EPA 515.4	0.07	0.1			
2018/19-5	000NONPJ	matrix spike dup, rec	5/10/2019	Pesticide	DCPA (Dacthal)	n/a	=	98	%	EPA 515.4	-88	-88	70	130	
2018/19-5	000NONPJ	matrix spike, RPD	5/10/2019	Pesticide	DCPA (Dacthal)	n/a	=	7	%	EPA 515.4	-88	-88	0	30	
2018/19-5	000NONPJ	matrix spike	5/16/2019	Pesticide	DCPA (Dacthal)	n/a	=	3.75	µg/L	EPA 515.4	0.07	0.1			
2018/19-5	000NONPJ	matrix spike, rec	5/16/2019	Pesticide	DCPA (Dacthal)	n/a	=	94	%	EPA 515.4	-88	-88	70	130	
2018/19-5	000NONPJ	matrix spike dup	5/16/2019	Pesticide	DCPA (Dacthal)	n/a	=	3.65	µg/L	EPA 515.4	0.07	0.1			
2018/19-5	000NONPJ	matrix spike dup, rec	5/16/2019	Pesticide	DCPA (Dacthal)	n/a	=	91	%	EPA 515.4	-88	-88	70	130	
2018/19-5	000NONPJ	matrix spike, RPD	5/16/2019	Pesticide	DCPA (Dacthal)	n/a	=	3	%	EPA 515.4	-88	-88	0	30	
2018/19-5	000NONPJ	matrix spike	5/23/2019	Pesticide	DCPA (Dacthal)	n/a	=	4.31	µg/L	EPA 515.4	0.07	0.1			
2018/19-5	000NONPJ	matrix spike, rec	5/23/2019	Pesticide	DCPA (Dacthal)	n/a	=	108	%	EPA 515.4	-88	-88	70	130	
2018/19-5	000NONPJ	matrix spike dup	5/23/2019	Pesticide	DCPA (Dacthal)	n/a	=	4.03	µg/L	EPA 515.4	0.07	0.1			
2018/19-5	000NONPJ	matrix spike dup, rec	5/23/2019	Pesticide	DCPA (Dacthal)	n/a	=	101	%	EPA 515.4	-88	-88	70	130	
2018/19-5	000NONPJ	matrix spike, RPD	5/23/2019	Pesticide	DCPA (Dacthal)	n/a	=	7	%	EPA 515.4	-88	-88	0	30	
2018/19-5	Lab	method blank	5/10/2019	Pesticide	DCPA (Dacthal)	n/a	<	0.07	µg/L	EPA 515.4	0.07	0.1			
2018/19-5	Lab	LCS	5/10/2019	Pesticide	DCPA (Dacthal)	n/a	=	3.95	µg/L	EPA 515.4	0.07	0.1			
2018/19-5	Lab	LCS, rec	5/10/2019	Pesticide	DCPA (Dacthal)	n/a	=	99	%	EPA 515.4	-88	-88	70	130	
2018/19-5	Lab	method blank	5/15/2019	Pesticide	DCPA (Dacthal)	n/a	<	0.07	µg/L	EPA 515.4	0.07	0.1			
2018/19-5	Lab	LCS	5/15/2019	Pesticide	DCPA (Dacthal)	n/a	=	3.65	µg/L	EPA 515.4	0.07	0.1			
2018/19-5	Lab	LCS, rec	5/15/2019	Pesticide	DCPA (Dacthal)	n/a	=	91	%	EPA 515.4	-88	-88	70	130	
2018/19-5	Lab	method blank	5/23/2019	Pesticide	DCPA (Dacthal)	n/a	<	0.07	µg/L	EPA 515.4	0.07	0.1			
2018/19-5	Lab	LCS	5/23/2019	Pesticide	DCPA (Dacthal)	n/a	=	4	µg/L	EPA 515.4	0.07	0.1			

Appendix F
Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2018/19-5	Lab	LCS, rec	5/23/2019	Pesticide	DCPA (Dacthal)	n/a	=	100	%	EPA 515.4	-88	-88	70	130	
2018/19-5	000NONPJ	matrix spike	5/13/2019	Pesticide	delta-BHC	n/a	=	0.0873	µg/L	EPA 608	0.0025	0.005			
2018/19-5	000NONPJ	matrix spike, rec	5/13/2019	Pesticide	delta-BHC	n/a	=	87	%	EPA 608	-88	-88	37	122	
2018/19-5	000NONPJ	matrix spike dup	5/13/2019	Pesticide	delta-BHC	n/a	=	0.0806	µg/L	EPA 608	0.0025	0.005			
2018/19-5	000NONPJ	matrix spike dup, rec	5/13/2019	Pesticide	delta-BHC	n/a	=	81	%	EPA 608	-88	-88	37	122	
2018/19-5	000NONPJ	matrix spike, RPD	5/13/2019	Pesticide	delta-BHC	n/a	=	8	%	EPA 608	-88	-88	0	30	
2018/19-5	000NONPJ	matrix spike	5/13/2019	Pesticide	delta-BHC	n/a	=	0.375	µg/L	EPA 608	0.012	0.025			
2018/19-5	000NONPJ	matrix spike, rec	5/13/2019	Pesticide	delta-BHC	n/a	=	75	%	EPA 608	-88	-88	37	122	
2018/19-5	000NONPJ	matrix spike dup	5/13/2019	Pesticide	delta-BHC	n/a	=	0.381	µg/L	EPA 608	0.012	0.025			
2018/19-5	000NONPJ	matrix spike dup, rec	5/13/2019	Pesticide	delta-BHC	n/a	=	76	%	EPA 608	-88	-88	37	122	
2018/19-5	000NONPJ	matrix spike, RPD	5/13/2019	Pesticide	delta-BHC	n/a	=	1	%	EPA 608	-88	-88	0	30	
2018/19-5	000NONPJ	matrix spike	5/14/2019	Pesticide	delta-BHC	n/a	=	0.0871	µg/L	EPA 608	0.025	0.05			
2018/19-5	000NONPJ	matrix spike, rec	5/14/2019	Pesticide	delta-BHC	n/a	=	87	%	EPA 608	-88	-88	37	122	
2018/19-5	000NONPJ	matrix spike dup	5/14/2019	Pesticide	delta-BHC	n/a	=	0.0871	µg/L	EPA 608	0.025	0.05			
2018/19-5	000NONPJ	matrix spike dup, rec	5/14/2019	Pesticide	delta-BHC	n/a	=	87	%	EPA 608	-88	-88	37	122	
2018/19-5	000NONPJ	matrix spike, RPD	5/14/2019	Pesticide	delta-BHC	n/a	=	0.02	%	EPA 608	-88	-88	0	30	
2018/19-5	000NONPJ	matrix spike	5/14/2019	Pesticide	delta-BHC	n/a	=	0.456	µg/L	EPA 608	0.012	0.025			
2018/19-5	000NONPJ	matrix spike, rec	5/14/2019	Pesticide	delta-BHC	n/a	=	91	%	EPA 608	-88	-88	37	122	
2018/19-5	000NONPJ	matrix spike dup	5/14/2019	Pesticide	delta-BHC	n/a	=	0.421	µg/L	EPA 608	0.012	0.025			
2018/19-5	000NONPJ	matrix spike dup, rec	5/14/2019	Pesticide	delta-BHC	n/a	=	84	%	EPA 608	-88	-88	37	122	
2018/19-5	000NONPJ	matrix spike, RPD	5/14/2019	Pesticide	delta-BHC	n/a	=	8	%	EPA 608	-88	-88	0	30	
2018/19-5	Lab	method blank	5/10/2019	Pesticide	delta-BHC	n/a	<	0.0025	µg/L	EPA 608	0.0025	0.005			
2018/19-5	Lab	LCS	5/10/2019	Pesticide	delta-BHC	n/a	=	0.104	µg/L	EPA 608	0.0025	0.005			
2018/19-5	Lab	LCS, rec	5/10/2019	Pesticide	delta-BHC	n/a	=	104	%	EPA 608	-88	-88	51	123	
2018/19-5	Lab	LCS dup	5/10/2019	Pesticide	delta-BHC	n/a	=	0.105	µg/L	EPA 608	0.0025	0.005			
2018/19-5	Lab	LCS dup, rec	5/10/2019	Pesticide	delta-BHC	n/a	=	105	%	EPA 608	-88	-88	51	123	
2018/19-5	Lab	LCS, RPD	5/10/2019	Pesticide	delta-BHC	n/a	=	0.2	%	EPA 608	-88	-88	0	30	
2018/19-5	Lab	method blank	5/13/2019	Pesticide	delta-BHC	n/a	<	0.0025	µg/L	EPA 608	0.0025	0.005			
2018/19-5	Lab	LCS	5/13/2019	Pesticide	delta-BHC	n/a	=	0.105	µg/L	EPA 608	0.0025	0.005			
2018/19-5	Lab	LCS, rec	5/13/2019	Pesticide	delta-BHC	n/a	=	105	%	EPA 608	-88	-88	51	123	
2018/19-5	Lab	method blank	5/14/2019	Pesticide	delta-BHC	n/a	<	0.0025	µg/L	EPA 608	0.0025	0.005			
2018/19-5	Lab	LCS	5/14/2019	Pesticide	delta-BHC	n/a	=	0.111	µg/L	EPA 608	0.0025	0.005			
2018/19-5	Lab	LCS, rec	5/14/2019	Pesticide	delta-BHC	n/a	=	111	%	EPA 608	-88	-88	51	123	
2018/19-5	Lab	method blank	5/17/2019	Pesticide	delta-BHC	n/a	<	0.0025	µg/L	EPA 608	0.0025	0.005			
2018/19-5	Lab	LCS	5/17/2019	Pesticide	delta-BHC	n/a	=	0.139	µg/L	EPA 608	0.0025	0.005			EUM
2018/19-5	Lab	LCS, rec	5/17/2019	Pesticide	delta-BHC	n/a	=	139	%	EPA 608	-88	-88	51	123	EUM
2018/19-5	Lab	LCS dup	5/17/2019	Pesticide	delta-BHC	n/a	=	0.146	µg/L	EPA 608	0.0025	0.005			EUM
2018/19-5	Lab	LCS dup, rec	5/17/2019	Pesticide	delta-BHC	n/a	=	146	%	EPA 608	-88	-88	51	123	EUM
2018/19-5	Lab	LCS, RPD	5/17/2019	Pesticide	delta-BHC	n/a	=	5	%	EPA 608	-88	-88	0	30	EUM
2018/19-5	Lab	method blank	5/21/2019	Pesticide	delta-BHC	n/a	<	0.0025	µg/L	EPA 608	0.0025	0.005			
2018/19-5	Lab	LCS	5/21/2019	Pesticide	delta-BHC	n/a	=	0.139	µg/L	EPA 608	0.0025	0.005			EUM
2018/19-5	Lab	LCS, rec	5/21/2019	Pesticide	delta-BHC	n/a	=	139	%	EPA 608	-88	-88	51	123	EUM
2018/19-5	Lab	LCS dup	5/21/2019	Pesticide	delta-BHC	n/a	=	0.134	µg/L	EPA 608	0.0025	0.005			EUM
2018/19-5	Lab	LCS dup, rec	5/21/2019	Pesticide	delta-BHC	n/a	=	134	%	EPA 608	-88	-88	51	123	EUM
2018/19-5	Lab	LCS, RPD	5/21/2019	Pesticide	delta-BHC	n/a	=	4	%	EPA 608	-88	-88	0	30	EUM
2018/19-5	000NONPJ	matrix spike	5/21/2019	Pesticide	Demeton-O	n/a	=	0.0243	µg/L	EPA 525.2m	0.01	0.01			
2018/19-5	000NONPJ	matrix spike, rec	5/21/2019	Pesticide	Demeton-O	n/a	=	49	%	EPA 525.2m	-88	-88	0.1	208	

Appendix F
Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2018/19-5	000NONPJ	matrix spike dup	5/21/2019	Pesticide	Demeton-O	n/a	=	0.0321	µg/L	EPA 525.2m	0.01	0.01			
2018/19-5	000NONPJ	matrix spike dup, rec	5/21/2019	Pesticide	Demeton-O	n/a	=	64	%	EPA 525.2m	-88	-88	0.1	208	
2018/19-5	000NONPJ	matrix spike, RPD	5/21/2019	Pesticide	Demeton-O	n/a	=	28	%	EPA 525.2m	-88	-88	0	30	
2018/19-5	000NONPJ	matrix spike	5/21/2019	Pesticide	Demeton-O	n/a	=	0.0287	µg/L	EPA 525.2m	0.01	0.01			
2018/19-5	000NONPJ	matrix spike, rec	5/21/2019	Pesticide	Demeton-O	n/a	=	57	%	EPA 525.2m	-88	-88	0.1	208	
2018/19-5	000NONPJ	matrix spike dup	5/21/2019	Pesticide	Demeton-O	n/a	=	0.0345	µg/L	EPA 525.2m	0.01	0.01			
2018/19-5	000NONPJ	matrix spike dup, rec	5/21/2019	Pesticide	Demeton-O	n/a	=	69	%	EPA 525.2m	-88	-88	0.1	208	
2018/19-5	000NONPJ	matrix spike, RPD	5/21/2019	Pesticide	Demeton-O	n/a	=	18	%	EPA 525.2m	-88	-88	0	30	
2018/19-5	000NONPJ	matrix spike	6/3/2019	Pesticide	Demeton-O	n/a	=	0.0422	µg/L	EPA 525.2m	0.01	0.01			
2018/19-5	000NONPJ	matrix spike, rec	6/3/2019	Pesticide	Demeton-O	n/a	=	84	%	EPA 525.2m	-88	-88	0.1	208	
2018/19-5	000NONPJ	matrix spike dup	6/3/2019	Pesticide	Demeton-O	n/a	=	0.0366	µg/L	EPA 525.2m	0.01	0.01			
2018/19-5	000NONPJ	matrix spike dup, rec	6/3/2019	Pesticide	Demeton-O	n/a	=	73	%	EPA 525.2m	-88	-88	0.1	208	
2018/19-5	000NONPJ	matrix spike, RPD	6/3/2019	Pesticide	Demeton-O	n/a	=	14	%	EPA 525.2m	-88	-88	0	30	
2018/19-5	Lab	method blank	5/21/2019	Pesticide	Demeton-O	n/a	<	0.01	µg/L	EPA 525.2m	0.01	0.01			
2018/19-5	Lab	LCS	5/21/2019	Pesticide	Demeton-O	n/a	=	0.0243	µg/L	EPA 525.2m	0.01	0.01			
2018/19-5	Lab	LCS, rec	5/21/2019	Pesticide	Demeton-O	n/a	=	49	%	EPA 525.2m	-88	-88	0.1	211	
2018/19-5	Lab	method blank	5/21/2019	Pesticide	Demeton-O	n/a	<	0.01	µg/L	EPA 525.2m	0.01	0.01			
2018/19-5	Lab	LCS	5/21/2019	Pesticide	Demeton-O	n/a	=	0.0167	µg/L	EPA 525.2m	0.01	0.01			
2018/19-5	Lab	LCS, rec	5/21/2019	Pesticide	Demeton-O	n/a	=	33	%	EPA 525.2m	-88	-88	0.1	211	
2018/19-5	Lab	method blank	6/3/2019	Pesticide	Demeton-O	n/a	<	0.01	µg/L	EPA 525.2m	0.01	0.01			
2018/19-5	Lab	LCS	6/3/2019	Pesticide	Demeton-O	n/a	=	0.0279	µg/L	EPA 525.2m	0.01	0.01			
2018/19-5	Lab	LCS, rec	6/3/2019	Pesticide	Demeton-O	n/a	=	56	%	EPA 525.2m	-88	-88	0.1	211	
2018/19-5	000NONPJ	matrix spike	5/21/2019	Pesticide	Demeton-S	n/a	=	0.0503	µg/L	EPA 525.2m	0.01	0.01			
2018/19-5	000NONPJ	matrix spike, rec	5/21/2019	Pesticide	Demeton-S	n/a	=	101	%	EPA 525.2m	-88	-88	0.1	207	
2018/19-5	000NONPJ	matrix spike dup	5/21/2019	Pesticide	Demeton-S	n/a	=	0.0585	µg/L	EPA 525.2m	0.01	0.01			
2018/19-5	000NONPJ	matrix spike dup, rec	5/21/2019	Pesticide	Demeton-S	n/a	=	117	%	EPA 525.2m	-88	-88	0.1	207	
2018/19-5	000NONPJ	matrix spike, RPD	5/21/2019	Pesticide	Demeton-S	n/a	=	15	%	EPA 525.2m	-88	-88	0	30	
2018/19-5	000NONPJ	matrix spike	5/21/2019	Pesticide	Demeton-S	n/a	=	0.0661	µg/L	EPA 525.2m	0.01	0.01			
2018/19-5	000NONPJ	matrix spike, rec	5/21/2019	Pesticide	Demeton-S	n/a	=	132	%	EPA 525.2m	-88	-88	0.1	207	
2018/19-5	000NONPJ	matrix spike dup	5/21/2019	Pesticide	Demeton-S	n/a	=	0.0644	µg/L	EPA 525.2m	0.01	0.01			
2018/19-5	000NONPJ	matrix spike dup, rec	5/21/2019	Pesticide	Demeton-S	n/a	=	129	%	EPA 525.2m	-88	-88	0.1	207	
2018/19-5	000NONPJ	matrix spike, RPD	5/21/2019	Pesticide	Demeton-S	n/a	=	3	%	EPA 525.2m	-88	-88	0	30	
2018/19-5	000NONPJ	matrix spike	6/3/2019	Pesticide	Demeton-S	n/a	=	0.0623	µg/L	EPA 525.2m	0.01	0.01			
2018/19-5	000NONPJ	matrix spike, rec	6/3/2019	Pesticide	Demeton-S	n/a	=	125	%	EPA 525.2m	-88	-88	0.1	207	
2018/19-5	000NONPJ	matrix spike dup	6/3/2019	Pesticide	Demeton-S	n/a	=	0.0578	µg/L	EPA 525.2m	0.01	0.01			
2018/19-5	000NONPJ	matrix spike dup, rec	6/3/2019	Pesticide	Demeton-S	n/a	=	116	%	EPA 525.2m	-88	-88	0.1	207	
2018/19-5	000NONPJ	matrix spike, RPD	6/3/2019	Pesticide	Demeton-S	n/a	=	7	%	EPA 525.2m	-88	-88	0	30	
2018/19-5	Lab	method blank	5/21/2019	Pesticide	Demeton-S	n/a	<	0.01	µg/L	EPA 525.2m	0.01	0.01			
2018/19-5	Lab	LCS	5/21/2019	Pesticide	Demeton-S	n/a	=	0.0503	µg/L	EPA 525.2m	0.01	0.01			
2018/19-5	Lab	LCS, rec	5/21/2019	Pesticide	Demeton-S	n/a	=	101	%	EPA 525.2m	-88	-88	0.1	213	
2018/19-5	Lab	method blank	5/21/2019	Pesticide	Demeton-S	n/a	<	0.01	µg/L	EPA 525.2m	0.01	0.01			
2018/19-5	Lab	LCS	5/21/2019	Pesticide	Demeton-S	n/a	=	0.057	µg/L	EPA 525.2m	0.01	0.01			
2018/19-5	Lab	LCS, rec	5/21/2019	Pesticide	Demeton-S	n/a	=	114	%	EPA 525.2m	-88	-88	0.1	213	
2018/19-5	Lab	method blank	6/3/2019	Pesticide	Demeton-S	n/a	<	0.01	µg/L	EPA 525.2m	0.01	0.01			
2018/19-5	Lab	LCS	6/3/2019	Pesticide	Demeton-S	n/a	=	0.0476	µg/L	EPA 525.2m	0.01	0.01			
2018/19-5	Lab	LCS, rec	6/3/2019	Pesticide	Demeton-S	n/a	=	95	%	EPA 525.2m	-88	-88	0.1	213	
2018/19-5	000NONPJ	matrix spike	5/6/2019	Pesticide	Diazinon	n/a	=	5.36	µg/L	EPA 525.2	0.096	0.1			

Appendix F
Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2018/19-5	000NONPJ	matrix spike, rec	5/6/2019	Pesticide	Diazinon	n/a	=	105	%	EPA 525.2	-88	-88	50	120	
2018/19-5	000NONPJ	matrix spike dup	5/6/2019	Pesticide	Diazinon	n/a	=	5.57	µg/L	EPA 525.2	0.096	0.1			
2018/19-5	000NONPJ	matrix spike dup, rec	5/6/2019	Pesticide	Diazinon	n/a	=	109	%	EPA 525.2	-88	-88	50	120	
2018/19-5	000NONPJ	matrix spike, RPD	5/6/2019	Pesticide	Diazinon	n/a	=	4	%	EPA 525.2	-88	-88	0	30	
2018/19-5	000NONPJ	matrix spike	5/14/2019	Pesticide	Diazinon	n/a	=	4.56	µg/L	EPA 525.2	0.096	0.1			
2018/19-5	000NONPJ	matrix spike, rec	5/14/2019	Pesticide	Diazinon	n/a	=	91	%	EPA 525.2	-88	-88	50	120	
2018/19-5	000NONPJ	matrix spike dup	5/14/2019	Pesticide	Diazinon	n/a	=	4.51	µg/L	EPA 525.2	0.096	0.1			
2018/19-5	000NONPJ	matrix spike dup, rec	5/14/2019	Pesticide	Diazinon	n/a	=	90	%	EPA 525.2	-88	-88	50	120	
2018/19-5	000NONPJ	matrix spike, RPD	5/14/2019	Pesticide	Diazinon	n/a	=	1	%	EPA 525.2	-88	-88	0	30	
2018/19-5	000NONPJ	matrix spike	5/21/2019	Pesticide	Diazinon	n/a	=	0.0505	µg/L	EPA 525.2m	0.0052	0.01			
2018/19-5	000NONPJ	matrix spike, rec	5/21/2019	Pesticide	Diazinon	n/a	=	101	%	EPA 525.2m	-88	-88	36	153	
2018/19-5	000NONPJ	matrix spike dup	5/21/2019	Pesticide	Diazinon	n/a	=	0.0619	µg/L	EPA 525.2m	0.0052	0.01			
2018/19-5	000NONPJ	matrix spike dup, rec	5/21/2019	Pesticide	Diazinon	n/a	=	124	%	EPA 525.2m	-88	-88	36	153	
2018/19-5	000NONPJ	matrix spike, RPD	5/21/2019	Pesticide	Diazinon	n/a	=	20	%	EPA 525.2m	-88	-88	0	30	
2018/19-5	000NONPJ	matrix spike	5/21/2019	Pesticide	Diazinon	n/a	=	0.0601	µg/L	EPA 525.2m	0.0052	0.01			
2018/19-5	000NONPJ	matrix spike, rec	5/21/2019	Pesticide	Diazinon	n/a	=	120	%	EPA 525.2m	-88	-88	36	153	
2018/19-5	000NONPJ	matrix spike dup	5/21/2019	Pesticide	Diazinon	n/a	=	0.0623	µg/L	EPA 525.2m	0.0052	0.01			
2018/19-5	000NONPJ	matrix spike dup, rec	5/21/2019	Pesticide	Diazinon	n/a	=	125	%	EPA 525.2m	-88	-88	36	153	
2018/19-5	000NONPJ	matrix spike, RPD	5/21/2019	Pesticide	Diazinon	n/a	=	4	%	EPA 525.2m	-88	-88	0	30	
2018/19-5	000NONPJ	matrix spike	6/3/2019	Pesticide	Diazinon	n/a	=	0.0579	µg/L	EPA 525.2m	0.0052	0.01			
2018/19-5	000NONPJ	matrix spike, rec	6/3/2019	Pesticide	Diazinon	n/a	=	116	%	EPA 525.2m	-88	-88	36	153	
2018/19-5	000NONPJ	matrix spike dup	6/3/2019	Pesticide	Diazinon	n/a	=	0.0586	µg/L	EPA 525.2m	0.0052	0.01			
2018/19-5	000NONPJ	matrix spike dup, rec	6/3/2019	Pesticide	Diazinon	n/a	=	117	%	EPA 525.2m	-88	-88	36	153	
2018/19-5	000NONPJ	matrix spike, RPD	6/3/2019	Pesticide	Diazinon	n/a	=	1	%	EPA 525.2m	-88	-88	0	30	
2018/19-5	Lab	method blank	5/6/2019	Pesticide	Diazinon	n/a	<	0.096	µg/L	EPA 525.2	0.096	0.1			
2018/19-5	Lab	LCS	5/6/2019	Pesticide	Diazinon	n/a	=	3.62	µg/L	EPA 525.2	0.096	0.1			
2018/19-5	Lab	LCS, rec	5/6/2019	Pesticide	Diazinon	n/a	=	72	%	EPA 525.2	-88	-88	50	120	
2018/19-5	Lab	LCS	5/14/2019	Pesticide	Diazinon	n/a	=	3.51	µg/L	EPA 525.2	0.096	0.1			
2018/19-5	Lab	LCS, rec	5/14/2019	Pesticide	Diazinon	n/a	=	70	%	EPA 525.2	-88	-88	50	120	
2018/19-5	Lab	LCS dup	5/14/2019	Pesticide	Diazinon	n/a	=	3.34	µg/L	EPA 525.2	0.096	0.1			
2018/19-5	Lab	LCS dup, rec	5/14/2019	Pesticide	Diazinon	n/a	=	67	%	EPA 525.2	-88	-88	50	120	
2018/19-5	Lab	LCS, RPD	5/14/2019	Pesticide	Diazinon	n/a	=	5	%	EPA 525.2	-88	-88	0	30	
2018/19-5	Lab	method blank	5/15/2019	Pesticide	Diazinon	n/a	<	0.096	µg/L	EPA 525.2	0.096	0.1			
2018/19-5	Lab	method blank	5/16/2019	Pesticide	Diazinon	n/a	<	0.096	µg/L	EPA 525.2	0.096	0.1			
2018/19-5	Lab	LCS	5/16/2019	Pesticide	Diazinon	n/a	=	3.43	µg/L	EPA 525.2	0.096	0.1			
2018/19-5	Lab	LCS, rec	5/16/2019	Pesticide	Diazinon	n/a	=	69	%	EPA 525.2	-88	-88	50	120	
2018/19-5	Lab	LCS dup	5/16/2019	Pesticide	Diazinon	n/a	=	2.2	µg/L	EPA 525.2	0.096	0.1			EUM
2018/19-5	Lab	LCS dup, rec	5/16/2019	Pesticide	Diazinon	n/a	=	44	%	EPA 525.2	-88	-88	50	120	EUM
2018/19-5	Lab	LCS, RPD	5/16/2019	Pesticide	Diazinon	n/a	=	43	%	EPA 525.2	-88	-88	0	30	EUM
2018/19-5	Lab	method blank	5/21/2019	Pesticide	Diazinon	n/a	<	0.0052	µg/L	EPA 525.2m	0.0052	0.01			
2018/19-5	Lab	LCS	5/21/2019	Pesticide	Diazinon	n/a	=	0.0505	µg/L	EPA 525.2m	0.0052	0.01			
2018/19-5	Lab	LCS, rec	5/21/2019	Pesticide	Diazinon	n/a	=	101	%	EPA 525.2m	-88	-88	43	152	
2018/19-5	Lab	method blank	5/21/2019	Pesticide	Diazinon	n/a	<	0.0052	µg/L	EPA 525.2m	0.0052	0.01			
2018/19-5	Lab	LCS	5/21/2019	Pesticide	Diazinon	n/a	=	0.0515	µg/L	EPA 525.2m	0.0052	0.01			
2018/19-5	Lab	LCS, rec	5/21/2019	Pesticide	Diazinon	n/a	=	103	%	EPA 525.2m	-88	-88	43	152	
2018/19-5	Lab	method blank	6/3/2019	Pesticide	Diazinon	n/a	<	0.0052	µg/L	EPA 525.2m	0.0052	0.01			
2018/19-5	Lab	LCS	6/3/2019	Pesticide	Diazinon	n/a	=	0.0412	µg/L	EPA 525.2m	0.0052	0.01			

Appendix F
Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2018/19-5	Lab	LCS, rec	6/3/2019	Pesticide	Diazinon	n/a	=	82	%	EPA 525.2m	-88	-88	43	152	
2018/19-5	000NONPJ	matrix spike	5/10/2019	Pesticide	Dicamba	n/a	=	10.3	µg/L	EPA 515.4	0.12	0.6			
2018/19-5	000NONPJ	matrix spike, rec	5/10/2019	Pesticide	Dicamba	n/a	=	129	%	EPA 515.4	-88	-88	70	130	
2018/19-5	000NONPJ	matrix spike dup	5/10/2019	Pesticide	Dicamba	n/a	=	8.04	µg/L	EPA 515.4	0.12	0.6			
2018/19-5	000NONPJ	matrix spike dup, rec	5/10/2019	Pesticide	Dicamba	n/a	=	100	%	EPA 515.4	-88	-88	70	130	
2018/19-5	000NONPJ	matrix spike, RPD	5/10/2019	Pesticide	Dicamba	n/a	=	25	%	EPA 515.4	-88	-88	0	30	
2018/19-5	000NONPJ	matrix spike	5/16/2019	Pesticide	Dicamba	n/a	=	8.12	µg/L	EPA 515.4	0.12	0.6			
2018/19-5	000NONPJ	matrix spike, rec	5/16/2019	Pesticide	Dicamba	n/a	=	101	%	EPA 515.4	-88	-88	70	130	
2018/19-5	000NONPJ	matrix spike dup	5/16/2019	Pesticide	Dicamba	n/a	=	7.49	µg/L	EPA 515.4	0.12	0.6			
2018/19-5	000NONPJ	matrix spike dup, rec	5/16/2019	Pesticide	Dicamba	n/a	=	94	%	EPA 515.4	-88	-88	70	130	
2018/19-5	000NONPJ	matrix spike, RPD	5/16/2019	Pesticide	Dicamba	n/a	=	8	%	EPA 515.4	-88	-88	0	30	
2018/19-5	000NONPJ	matrix spike	5/23/2019	Pesticide	Dicamba	n/a	=	8.67	µg/L	EPA 515.4	0.12	0.6			
2018/19-5	000NONPJ	matrix spike, rec	5/23/2019	Pesticide	Dicamba	n/a	=	108	%	EPA 515.4	-88	-88	70	130	
2018/19-5	000NONPJ	matrix spike dup	5/23/2019	Pesticide	Dicamba	n/a	=	8.16	µg/L	EPA 515.4	0.12	0.6			
2018/19-5	000NONPJ	matrix spike dup, rec	5/23/2019	Pesticide	Dicamba	n/a	=	102	%	EPA 515.4	-88	-88	70	130	
2018/19-5	000NONPJ	matrix spike, RPD	5/23/2019	Pesticide	Dicamba	n/a	=	6	%	EPA 515.4	-88	-88	0	30	
2018/19-5	Lab	method blank	5/10/2019	Pesticide	Dicamba	n/a	<	0.12	µg/L	EPA 515.4	0.12	0.6			
2018/19-5	Lab	LCS	5/10/2019	Pesticide	Dicamba	n/a	=	7.61	µg/L	EPA 515.4	0.12	0.6			
2018/19-5	Lab	LCS, rec	5/10/2019	Pesticide	Dicamba	n/a	=	95	%	EPA 515.4	-88	-88	70	130	
2018/19-5	Lab	method blank	5/15/2019	Pesticide	Dicamba	n/a	<	0.12	µg/L	EPA 515.4	0.12	0.6			
2018/19-5	Lab	LCS	5/15/2019	Pesticide	Dicamba	n/a	=	7.32	µg/L	EPA 515.4	0.12	0.6			
2018/19-5	Lab	LCS, rec	5/15/2019	Pesticide	Dicamba	n/a	=	91	%	EPA 515.4	-88	-88	70	130	
2018/19-5	Lab	method blank	5/23/2019	Pesticide	Dicamba	n/a	<	0.12	µg/L	EPA 515.4	0.12	0.6			
2018/19-5	Lab	LCS	5/23/2019	Pesticide	Dicamba	n/a	=	8.03	µg/L	EPA 515.4	0.12	0.6			
2018/19-5	Lab	LCS, rec	5/23/2019	Pesticide	Dicamba	n/a	=	100	%	EPA 515.4	-88	-88	70	130	
2018/19-5	000NONPJ	matrix spike	5/10/2019	Pesticide	Dichlorprop	n/a	=	7.41	µg/L	EPA 515.4	0.08	0.3			
2018/19-5	000NONPJ	matrix spike, rec	5/10/2019	Pesticide	Dichlorprop	n/a	=	93	%	EPA 515.4	-88	-88	70	130	
2018/19-5	000NONPJ	matrix spike dup	5/10/2019	Pesticide	Dichlorprop	n/a	=	6.77	µg/L	EPA 515.4	0.08	0.3			
2018/19-5	000NONPJ	matrix spike dup, rec	5/10/2019	Pesticide	Dichlorprop	n/a	=	85	%	EPA 515.4	-88	-88	70	130	
2018/19-5	000NONPJ	matrix spike, RPD	5/10/2019	Pesticide	Dichlorprop	n/a	=	9	%	EPA 515.4	-88	-88	0	30	
2018/19-5	000NONPJ	matrix spike	5/16/2019	Pesticide	Dichlorprop	n/a	=	7.1	µg/L	EPA 515.4	0.08	0.3			
2018/19-5	000NONPJ	matrix spike, rec	5/16/2019	Pesticide	Dichlorprop	n/a	=	89	%	EPA 515.4	-88	-88	70	130	
2018/19-5	000NONPJ	matrix spike dup	5/16/2019	Pesticide	Dichlorprop	n/a	=	6.84	µg/L	EPA 515.4	0.08	0.3			
2018/19-5	000NONPJ	matrix spike dup, rec	5/16/2019	Pesticide	Dichlorprop	n/a	=	85	%	EPA 515.4	-88	-88	70	130	
2018/19-5	000NONPJ	matrix spike, RPD	5/16/2019	Pesticide	Dichlorprop	n/a	=	4	%	EPA 515.4	-88	-88	0	30	
2018/19-5	000NONPJ	matrix spike	5/23/2019	Pesticide	Dichlorprop	n/a	=	7.96	µg/L	EPA 515.4	0.08	0.3			
2018/19-5	000NONPJ	matrix spike, rec	5/23/2019	Pesticide	Dichlorprop	n/a	=	100	%	EPA 515.4	-88	-88	70	130	
2018/19-5	000NONPJ	matrix spike dup	5/23/2019	Pesticide	Dichlorprop	n/a	=	7.53	µg/L	EPA 515.4	0.08	0.3			
2018/19-5	000NONPJ	matrix spike dup, rec	5/23/2019	Pesticide	Dichlorprop	n/a	=	94	%	EPA 515.4	-88	-88	70	130	
2018/19-5	000NONPJ	matrix spike, RPD	5/23/2019	Pesticide	Dichlorprop	n/a	=	6	%	EPA 515.4	-88	-88	0	30	
2018/19-5	Lab	method blank	5/10/2019	Pesticide	Dichlorprop	n/a	<	0.08	µg/L	EPA 515.4	0.08	0.3			
2018/19-5	Lab	LCS	5/10/2019	Pesticide	Dichlorprop	n/a	=	7.28	µg/L	EPA 515.4	0.08	0.3			
2018/19-5	Lab	LCS, rec	5/10/2019	Pesticide	Dichlorprop	n/a	=	91	%	EPA 515.4	-88	-88	70	130	
2018/19-5	Lab	method blank	5/15/2019	Pesticide	Dichlorprop	n/a	<	0.08	µg/L	EPA 515.4	0.08	0.3			
2018/19-5	Lab	LCS	5/15/2019	Pesticide	Dichlorprop	n/a	=	6.87	µg/L	EPA 515.4	0.08	0.3			
2018/19-5	Lab	LCS, rec	5/15/2019	Pesticide	Dichlorprop	n/a	=	86	%	EPA 515.4	-88	-88	70	130	
2018/19-5	Lab	method blank	5/23/2019	Pesticide	Dichlorprop	n/a	<	0.08	µg/L	EPA 515.4	0.08	0.3			

Appendix F
Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2018/19-5	Lab	LCS	5/23/2019	Pesticide	Dichlorprop	n/a	=	7.34	µg/L	EPA 515.4	0.08	0.3			
2018/19-5	Lab	LCS, rec	5/23/2019	Pesticide	Dichlorprop	n/a	=	92	%	EPA 515.4	-88	-88	70	130	
2018/19-5	000NONPJ	matrix spike	5/21/2019	Pesticide	Dichlorvos	n/a	=	0.055	µg/L	EPA 525.2m	0.0029	0.01			
2018/19-5	000NONPJ	matrix spike, rec	5/21/2019	Pesticide	Dichlorvos	n/a	=	110	%	EPA 525.2m	-88	-88	42	137	
2018/19-5	000NONPJ	matrix spike dup	5/21/2019	Pesticide	Dichlorvos	n/a	=	0.0598	µg/L	EPA 525.2m	0.0029	0.01			
2018/19-5	000NONPJ	matrix spike dup, rec	5/21/2019	Pesticide	Dichlorvos	n/a	=	120	%	EPA 525.2m	-88	-88	42	137	
2018/19-5	000NONPJ	matrix spike, RPD	5/21/2019	Pesticide	Dichlorvos	n/a	=	8	%	EPA 525.2m	-88	-88	0	30	
2018/19-5	000NONPJ	matrix spike	5/21/2019	Pesticide	Dichlorvos	n/a	=	0.0582	µg/L	EPA 525.2m	0.0029	0.01			
2018/19-5	000NONPJ	matrix spike, rec	5/21/2019	Pesticide	Dichlorvos	n/a	=	116	%	EPA 525.2m	-88	-88	42	137	
2018/19-5	000NONPJ	matrix spike dup	5/21/2019	Pesticide	Dichlorvos	n/a	=	0.0585	µg/L	EPA 525.2m	0.0029	0.01			
2018/19-5	000NONPJ	matrix spike dup, rec	5/21/2019	Pesticide	Dichlorvos	n/a	=	117	%	EPA 525.2m	-88	-88	42	137	
2018/19-5	000NONPJ	matrix spike, RPD	5/21/2019	Pesticide	Dichlorvos	n/a	=	0.4	%	EPA 525.2m	-88	-88	0	30	
2018/19-5	000NONPJ	matrix spike	6/3/2019	Pesticide	Dichlorvos	n/a	=	0.0533	µg/L	EPA 525.2m	0.0029	0.01			
2018/19-5	000NONPJ	matrix spike, rec	6/3/2019	Pesticide	Dichlorvos	n/a	=	107	%	EPA 525.2m	-88	-88	42	137	
2018/19-5	000NONPJ	matrix spike dup	6/3/2019	Pesticide	Dichlorvos	n/a	=	0.0551	µg/L	EPA 525.2m	0.0029	0.01			
2018/19-5	000NONPJ	matrix spike dup, rec	6/3/2019	Pesticide	Dichlorvos	n/a	=	110	%	EPA 525.2m	-88	-88	42	137	
2018/19-5	000NONPJ	matrix spike, RPD	6/3/2019	Pesticide	Dichlorvos	n/a	=	3	%	EPA 525.2m	-88	-88	0	30	
2018/19-5	Lab	method blank	5/21/2019	Pesticide	Dichlorvos	n/a	<	0.0029	µg/L	EPA 525.2m	0.0029	0.01			
2018/19-5	Lab	LCS	5/21/2019	Pesticide	Dichlorvos	n/a	=	0.055	µg/L	EPA 525.2m	0.0029	0.01			
2018/19-5	Lab	LCS, rec	5/21/2019	Pesticide	Dichlorvos	n/a	=	110	%	EPA 525.2m	-88	-88	46	133	
2018/19-5	Lab	method blank	5/21/2019	Pesticide	Dichlorvos	n/a	<	0.0029	µg/L	EPA 525.2m	0.0029	0.01			
2018/19-5	Lab	LCS	5/21/2019	Pesticide	Dichlorvos	n/a	=	0.0582	µg/L	EPA 525.2m	0.0029	0.01			
2018/19-5	Lab	LCS, rec	5/21/2019	Pesticide	Dichlorvos	n/a	=	116	%	EPA 525.2m	-88	-88	46	133	
2018/19-5	Lab	method blank	6/3/2019	Pesticide	Dichlorvos	n/a	<	0.0029	µg/L	EPA 525.2m	0.0029	0.01			
2018/19-5	Lab	LCS	6/3/2019	Pesticide	Dichlorvos	n/a	=	0.0549	µg/L	EPA 525.2m	0.0029	0.01			
2018/19-5	Lab	LCS, rec	6/3/2019	Pesticide	Dichlorvos	n/a	=	110	%	EPA 525.2m	-88	-88	46	133	
2018/19-5	000NONPJ	matrix spike	5/13/2019	Pesticide	Dieldrin	n/a	=	0.0714	µg/L	EPA 608	0.0021	0.01			
2018/19-5	000NONPJ	matrix spike, rec	5/13/2019	Pesticide	Dieldrin	n/a	=	71	%	EPA 608	-88	-88	27	132	
2018/19-5	000NONPJ	matrix spike dup	5/13/2019	Pesticide	Dieldrin	n/a	=	0.0672	µg/L	EPA 608	0.0021	0.01			
2018/19-5	000NONPJ	matrix spike dup, rec	5/13/2019	Pesticide	Dieldrin	n/a	=	67	%	EPA 608	-88	-88	27	132	
2018/19-5	000NONPJ	matrix spike, RPD	5/13/2019	Pesticide	Dieldrin	n/a	=	6	%	EPA 608	-88	-88	0	30	
2018/19-5	000NONPJ	matrix spike	5/13/2019	Pesticide	Dieldrin	n/a	=	0.426	µg/L	EPA 608	0.01	0.05			
2018/19-5	000NONPJ	matrix spike, rec	5/13/2019	Pesticide	Dieldrin	n/a	=	85	%	EPA 608	-88	-88	27	132	
2018/19-5	000NONPJ	matrix spike dup	5/13/2019	Pesticide	Dieldrin	n/a	=	0.434	µg/L	EPA 608	0.01	0.05			
2018/19-5	000NONPJ	matrix spike dup, rec	5/13/2019	Pesticide	Dieldrin	n/a	=	87	%	EPA 608	-88	-88	27	132	
2018/19-5	000NONPJ	matrix spike, RPD	5/13/2019	Pesticide	Dieldrin	n/a	=	2	%	EPA 608	-88	-88	0	30	
2018/19-5	000NONPJ	matrix spike	5/14/2019	Pesticide	Dieldrin	n/a	DNQ	0.0969	µg/L	EPA 608	0.021	0.1			
2018/19-5	000NONPJ	matrix spike, rec	5/14/2019	Pesticide	Dieldrin	n/a	=	97	%	EPA 608	-88	-88	27	132	
2018/19-5	000NONPJ	matrix spike dup	5/14/2019	Pesticide	Dieldrin	n/a	DNQ	0.0966	µg/L	EPA 608	0.021	0.1			
2018/19-5	000NONPJ	matrix spike dup, rec	5/14/2019	Pesticide	Dieldrin	n/a	=	97	%	EPA 608	-88	-88	27	132	
2018/19-5	000NONPJ	matrix spike, RPD	5/14/2019	Pesticide	Dieldrin	n/a	=	0.3	%	EPA 608	-88	-88	0	30	
2018/19-5	000NONPJ	matrix spike	5/14/2019	Pesticide	Dieldrin	n/a	=	0.386	µg/L	EPA 608	0.01	0.05			
2018/19-5	000NONPJ	matrix spike, rec	5/14/2019	Pesticide	Dieldrin	n/a	=	77	%	EPA 608	-88	-88	27	132	
2018/19-5	000NONPJ	matrix spike dup	5/14/2019	Pesticide	Dieldrin	n/a	=	0.347	µg/L	EPA 608	0.01	0.05			
2018/19-5	000NONPJ	matrix spike dup, rec	5/14/2019	Pesticide	Dieldrin	n/a	=	69	%	EPA 608	-88	-88	27	132	
2018/19-5	000NONPJ	matrix spike, RPD	5/14/2019	Pesticide	Dieldrin	n/a	=	11	%	EPA 608	-88	-88	0	30	
2018/19-5	Lab	method blank	5/10/2019	Pesticide	Dieldrin	n/a	<	0.0021	µg/L	EPA 608	0.0021	0.01			

Appendix F
Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2018/19-5	Lab	LCS	5/10/2019	Pesticide	Dieldrin	n/a	=	0.0907	µg/L	EPA 608	0.0021	0.01			
2018/19-5	Lab	LCS, rec	5/10/2019	Pesticide	Dieldrin	n/a	=	91	%	EPA 608	-88	-88	48	123	
2018/19-5	Lab	LCS dup	5/10/2019	Pesticide	Dieldrin	n/a	=	0.0924	µg/L	EPA 608	0.0021	0.01			
2018/19-5	Lab	LCS dup, rec	5/10/2019	Pesticide	Dieldrin	n/a	=	92	%	EPA 608	-88	-88	48	123	
2018/19-5	Lab	LCS, RPD	5/10/2019	Pesticide	Dieldrin	n/a	=	2	%	EPA 608	-88	-88	0	30	
2018/19-5	Lab	method blank	5/13/2019	Pesticide	Dieldrin	n/a	<	0.0021	µg/L	EPA 608	0.0021	0.01			
2018/19-5	Lab	LCS	5/13/2019	Pesticide	Dieldrin	n/a	=	0.0874	µg/L	EPA 608	0.0021	0.01			
2018/19-5	Lab	LCS, rec	5/13/2019	Pesticide	Dieldrin	n/a	=	87	%	EPA 608	-88	-88	48	123	
2018/19-5	Lab	method blank	5/14/2019	Pesticide	Dieldrin	n/a	<	0.0021	µg/L	EPA 608	0.0021	0.01			
2018/19-5	Lab	LCS	5/14/2019	Pesticide	Dieldrin	n/a	=	0.094	µg/L	EPA 608	0.0021	0.01			
2018/19-5	Lab	LCS, rec	5/14/2019	Pesticide	Dieldrin	n/a	=	94	%	EPA 608	-88	-88	48	123	
2018/19-5	Lab	method blank	5/17/2019	Pesticide	Dieldrin	n/a	<	0.0021	µg/L	EPA 608	0.0021	0.01			
2018/19-5	Lab	LCS	5/17/2019	Pesticide	Dieldrin	n/a	=	0.111	µg/L	EPA 608	0.0021	0.01			
2018/19-5	Lab	LCS, rec	5/17/2019	Pesticide	Dieldrin	n/a	=	111	%	EPA 608	-88	-88	48	123	
2018/19-5	Lab	LCS dup	5/17/2019	Pesticide	Dieldrin	n/a	=	0.119	µg/L	EPA 608	0.0021	0.01			
2018/19-5	Lab	LCS dup, rec	5/17/2019	Pesticide	Dieldrin	n/a	=	119	%	EPA 608	-88	-88	48	123	
2018/19-5	Lab	LCS, RPD	5/17/2019	Pesticide	Dieldrin	n/a	=	8	%	EPA 608	-88	-88	0	30	
2018/19-5	Lab	method blank	5/21/2019	Pesticide	Dieldrin	n/a	<	0.0021	µg/L	EPA 608	0.0021	0.01			
2018/19-5	Lab	LCS	5/21/2019	Pesticide	Dieldrin	n/a	=	0.11	µg/L	EPA 608	0.0021	0.01			
2018/19-5	Lab	LCS, rec	5/21/2019	Pesticide	Dieldrin	n/a	=	110	%	EPA 608	-88	-88	48	123	
2018/19-5	Lab	LCS dup	5/21/2019	Pesticide	Dieldrin	n/a	=	0.105	µg/L	EPA 608	0.0021	0.01			
2018/19-5	Lab	LCS dup, rec	5/21/2019	Pesticide	Dieldrin	n/a	=	105	%	EPA 608	-88	-88	48	123	
2018/19-5	Lab	LCS, RPD	5/21/2019	Pesticide	Dieldrin	n/a	=	4	%	EPA 608	-88	-88	0	30	
2018/19-5	000NONPJ	matrix spike	5/6/2019	Pesticide	Dimethoate	n/a	=	4.79	µg/L	EPA 525.2	0.024	0.2			
2018/19-5	000NONPJ	matrix spike, rec	5/6/2019	Pesticide	Dimethoate	n/a	=	96	%	EPA 525.2	-88	-88	50	120	
2018/19-5	000NONPJ	matrix spike dup	5/6/2019	Pesticide	Dimethoate	n/a	=	5.19	µg/L	EPA 525.2	0.024	0.2			
2018/19-5	000NONPJ	matrix spike dup, rec	5/6/2019	Pesticide	Dimethoate	n/a	=	104	%	EPA 525.2	-88	-88	50	120	
2018/19-5	000NONPJ	matrix spike, RPD	5/6/2019	Pesticide	Dimethoate	n/a	=	8	%	EPA 525.2	-88	-88	0	30	
2018/19-5	000NONPJ	matrix spike	5/14/2019	Pesticide	Dimethoate	n/a	=	4.98	µg/L	EPA 525.2	0.024	0.2			
2018/19-5	000NONPJ	matrix spike, rec	5/14/2019	Pesticide	Dimethoate	n/a	=	100	%	EPA 525.2	-88	-88	50	120	
2018/19-5	000NONPJ	matrix spike dup	5/14/2019	Pesticide	Dimethoate	n/a	=	4.62	µg/L	EPA 525.2	0.024	0.2			
2018/19-5	000NONPJ	matrix spike dup, rec	5/14/2019	Pesticide	Dimethoate	n/a	=	92	%	EPA 525.2	-88	-88	50	120	
2018/19-5	000NONPJ	matrix spike, RPD	5/14/2019	Pesticide	Dimethoate	n/a	=	8	%	EPA 525.2	-88	-88	0	30	
2018/19-5	000NONPJ	matrix spike	5/21/2019	Pesticide	Dimethoate	n/a	=	0.0209	µg/L	EPA 525.2m	0.0062	0.01			
2018/19-5	000NONPJ	matrix spike, rec	5/21/2019	Pesticide	Dimethoate	n/a	=	42	%	EPA 525.2m	-88	-88	4	222	
2018/19-5	000NONPJ	matrix spike dup	5/21/2019	Pesticide	Dimethoate	n/a	=	0.0129	µg/L	EPA 525.2m	0.0062	0.01			IL
2018/19-5	000NONPJ	matrix spike dup, rec	5/21/2019	Pesticide	Dimethoate	n/a	=	26	%	EPA 525.2m	-88	-88	4	222	IL
2018/19-5	000NONPJ	matrix spike, RPD	5/21/2019	Pesticide	Dimethoate	n/a	=	48	%	EPA 525.2m	-88	-88	0	30	IL
2018/19-5	000NONPJ	matrix spike	5/21/2019	Pesticide	Dimethoate	n/a	=	0.0422	µg/L	EPA 525.2m	0.0062	0.01			
2018/19-5	000NONPJ	matrix spike, rec	5/21/2019	Pesticide	Dimethoate	n/a	=	84	%	EPA 525.2m	-88	-88	4	222	
2018/19-5	000NONPJ	matrix spike dup	5/21/2019	Pesticide	Dimethoate	n/a	=	0.0499	µg/L	EPA 525.2m	0.0062	0.01			
2018/19-5	000NONPJ	matrix spike dup, rec	5/21/2019	Pesticide	Dimethoate	n/a	=	100	%	EPA 525.2m	-88	-88	4	222	
2018/19-5	000NONPJ	matrix spike, RPD	5/21/2019	Pesticide	Dimethoate	n/a	=	17	%	EPA 525.2m	-88	-88	0	30	
2018/19-5	000NONPJ	matrix spike	6/3/2019	Pesticide	Dimethoate	n/a	=	0.0545	µg/L	EPA 525.2m	0.0062	0.01			
2018/19-5	000NONPJ	matrix spike, rec	6/3/2019	Pesticide	Dimethoate	n/a	=	109	%	EPA 525.2m	-88	-88	4	222	
2018/19-5	000NONPJ	matrix spike dup	6/3/2019	Pesticide	Dimethoate	n/a	=	0.0469	µg/L	EPA 525.2m	0.0062	0.01			
2018/19-5	000NONPJ	matrix spike dup, rec	6/3/2019	Pesticide	Dimethoate	n/a	=	94	%	EPA 525.2m	-88	-88	4	222	

Appendix F
Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2018/19-5	000NONPJ	matrix spike, RPD	6/3/2019	Pesticide	Dimethoate	n/a	=	15	%	EPA 525.2m	-88	-88	0	30	
2018/19-5	Lab	method blank	5/6/2019	Pesticide	Dimethoate	n/a	<	0.024	µg/L	EPA 525.2	0.024	0.2			
2018/19-5	Lab	LCS	5/6/2019	Pesticide	Dimethoate	n/a	=	3.55	µg/L	EPA 525.2	0.024	0.2			
2018/19-5	Lab	LCS, rec	5/6/2019	Pesticide	Dimethoate	n/a	=	71	%	EPA 525.2	-88	-88	50	120	
2018/19-5	Lab	LCS	5/14/2019	Pesticide	Dimethoate	n/a	=	4.37	µg/L	EPA 525.2	0.024	0.2			
2018/19-5	Lab	LCS, rec	5/14/2019	Pesticide	Dimethoate	n/a	=	87	%	EPA 525.2	-88	-88	50	120	
2018/19-5	Lab	LCS dup	5/14/2019	Pesticide	Dimethoate	n/a	=	4.22	µg/L	EPA 525.2	0.024	0.2			
2018/19-5	Lab	LCS dup, rec	5/14/2019	Pesticide	Dimethoate	n/a	=	84	%	EPA 525.2	-88	-88	50	120	
2018/19-5	Lab	LCS, RPD	5/14/2019	Pesticide	Dimethoate	n/a	=	3	%	EPA 525.2	-88	-88	0	30	
2018/19-5	Lab	method blank	5/15/2019	Pesticide	Dimethoate	n/a	<	0.024	µg/L	EPA 525.2	0.024	0.2			
2018/19-5	Lab	method blank	5/16/2019	Pesticide	Dimethoate	n/a	<	0.024	µg/L	EPA 525.2	0.024	0.2			
2018/19-5	Lab	LCS	5/16/2019	Pesticide	Dimethoate	n/a	=	3.91	µg/L	EPA 525.2	0.024	0.2			
2018/19-5	Lab	LCS, rec	5/16/2019	Pesticide	Dimethoate	n/a	=	78	%	EPA 525.2	-88	-88	50	120	
2018/19-5	Lab	LCS dup	5/16/2019	Pesticide	Dimethoate	n/a	=	3.4	µg/L	EPA 525.2	0.024	0.2			
2018/19-5	Lab	LCS dup, rec	5/16/2019	Pesticide	Dimethoate	n/a	=	68	%	EPA 525.2	-88	-88	50	120	
2018/19-5	Lab	LCS, RPD	5/16/2019	Pesticide	Dimethoate	n/a	=	14	%	EPA 525.2	-88	-88	0	30	
2018/19-5	Lab	method blank	5/21/2019	Pesticide	Dimethoate	n/a	<	0.0062	µg/L	EPA 525.2m	0.0062	0.01			
2018/19-5	Lab	LCS	5/21/2019	Pesticide	Dimethoate	n/a	=	0.0209	µg/L	EPA 525.2m	0.0062	0.01			
2018/19-5	Lab	LCS, rec	5/21/2019	Pesticide	Dimethoate	n/a	=	42	%	EPA 525.2m	-88	-88	10	234	
2018/19-5	Lab	method blank	5/21/2019	Pesticide	Dimethoate	n/a	<	0.0062	µg/L	EPA 525.2m	0.0062	0.01			
2018/19-5	Lab	LCS	5/21/2019	Pesticide	Dimethoate	n/a	=	0.0327	µg/L	EPA 525.2m	0.0062	0.01			
2018/19-5	Lab	LCS, rec	5/21/2019	Pesticide	Dimethoate	n/a	=	65	%	EPA 525.2m	-88	-88	10	234	
2018/19-5	Lab	method blank	6/3/2019	Pesticide	Dimethoate	n/a	<	0.0062	µg/L	EPA 525.2m	0.0062	0.01			
2018/19-5	Lab	LCS	6/3/2019	Pesticide	Dimethoate	n/a	=	0.0276	µg/L	EPA 525.2m	0.0062	0.01			
2018/19-5	Lab	LCS, rec	6/3/2019	Pesticide	Dimethoate	n/a	=	55	%	EPA 525.2m	-88	-88	10	234	
2018/19-5	000NONPJ	matrix spike	5/10/2019	Pesticide	Dinoseb	n/a	=	3.01	µg/L	EPA 515.4	0.14	0.4			
2018/19-5	000NONPJ	matrix spike, rec	5/10/2019	Pesticide	Dinoseb	n/a	=	75	%	EPA 515.4	-88	-88	70	130	
2018/19-5	000NONPJ	matrix spike dup	5/10/2019	Pesticide	Dinoseb	n/a	=	2.81	µg/L	EPA 515.4	0.14	0.4			
2018/19-5	000NONPJ	matrix spike dup, rec	5/10/2019	Pesticide	Dinoseb	n/a	=	70	%	EPA 515.4	-88	-88	70	130	
2018/19-5	000NONPJ	matrix spike, RPD	5/10/2019	Pesticide	Dinoseb	n/a	=	7	%	EPA 515.4	-88	-88	0	30	
2018/19-5	000NONPJ	matrix spike	5/16/2019	Pesticide	Dinoseb	n/a	=	2.94	µg/L	EPA 515.4	0.14	0.4			
2018/19-5	000NONPJ	matrix spike, rec	5/16/2019	Pesticide	Dinoseb	n/a	=	73	%	EPA 515.4	-88	-88	70	130	
2018/19-5	000NONPJ	matrix spike dup	5/16/2019	Pesticide	Dinoseb	n/a	=	2.52	µg/L	EPA 515.4	0.14	0.4			GB
2018/19-5	000NONPJ	matrix spike dup, rec	5/16/2019	Pesticide	Dinoseb	n/a	=	63	%	EPA 515.4	-88	-88	70	130	GB
2018/19-5	000NONPJ	matrix spike, RPD	5/16/2019	Pesticide	Dinoseb	n/a	=	15	%	EPA 515.4	-88	-88	0	30	GB
2018/19-5	000NONPJ	matrix spike	5/23/2019	Pesticide	Dinoseb	n/a	=	3.67	µg/L	EPA 515.4	0.14	0.4			
2018/19-5	000NONPJ	matrix spike, rec	5/23/2019	Pesticide	Dinoseb	n/a	=	92	%	EPA 515.4	-88	-88	70	130	
2018/19-5	000NONPJ	matrix spike dup	5/23/2019	Pesticide	Dinoseb	n/a	=	3.57	µg/L	EPA 515.4	0.14	0.4			
2018/19-5	000NONPJ	matrix spike dup, rec	5/23/2019	Pesticide	Dinoseb	n/a	=	89	%	EPA 515.4	-88	-88	70	130	
2018/19-5	000NONPJ	matrix spike, RPD	5/23/2019	Pesticide	Dinoseb	n/a	=	3	%	EPA 515.4	-88	-88	0	30	
2018/19-5	Lab	method blank	5/10/2019	Pesticide	Dinoseb	n/a	<	0.14	µg/L	EPA 515.4	0.14	0.4			
2018/19-5	Lab	LCS	5/10/2019	Pesticide	Dinoseb	n/a	=	3.81	µg/L	EPA 515.4	0.14	0.4			
2018/19-5	Lab	LCS, rec	5/10/2019	Pesticide	Dinoseb	n/a	=	95	%	EPA 515.4	-88	-88	70	130	
2018/19-5	Lab	method blank	5/15/2019	Pesticide	Dinoseb	n/a	<	0.14	µg/L	EPA 515.4	0.14	0.4			
2018/19-5	Lab	LCS	5/15/2019	Pesticide	Dinoseb	n/a	=	3.28	µg/L	EPA 515.4	0.14	0.4			
2018/19-5	Lab	LCS, rec	5/15/2019	Pesticide	Dinoseb	n/a	=	82	%	EPA 515.4	-88	-88	70	130	
2018/19-5	Lab	method blank	5/23/2019	Pesticide	Dinoseb	n/a	<	0.14	µg/L	EPA 515.4	0.14	0.4			

Appendix F
Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2018/19-5	Lab	LCS	5/23/2019	Pesticide	Dinoseb	n/a	=	4.02	µg/L	EPA 515.4	0.14	0.4			
2018/19-5	Lab	LCS, rec	5/23/2019	Pesticide	Dinoseb	n/a	=	100	%	EPA 515.4	-88	-88	70	130	
2018/19-5	000NONPJ	matrix spike	5/6/2019	Pesticide	Diphenamid	n/a	=	5.57	µg/L	EPA 525.2	0.024	0.1			
2018/19-5	000NONPJ	matrix spike, rec	5/6/2019	Pesticide	Diphenamid	n/a	=	111	%	EPA 525.2	-88	-88	70	130	
2018/19-5	000NONPJ	matrix spike dup	5/6/2019	Pesticide	Diphenamid	n/a	=	5.55	µg/L	EPA 525.2	0.024	0.1			
2018/19-5	000NONPJ	matrix spike dup, rec	5/6/2019	Pesticide	Diphenamid	n/a	=	111	%	EPA 525.2	-88	-88	70	130	
2018/19-5	000NONPJ	matrix spike, RPD	5/6/2019	Pesticide	Diphenamid	n/a	=	0.4	%	EPA 525.2	-88	-88	0	30	
2018/19-5	000NONPJ	matrix spike	5/14/2019	Pesticide	Diphenamid	n/a	=	5.08	µg/L	EPA 525.2	0.024	0.1			
2018/19-5	000NONPJ	matrix spike, rec	5/14/2019	Pesticide	Diphenamid	n/a	=	102	%	EPA 525.2	-88	-88	70	130	
2018/19-5	000NONPJ	matrix spike dup	5/14/2019	Pesticide	Diphenamid	n/a	=	4.98	µg/L	EPA 525.2	0.024	0.1			
2018/19-5	000NONPJ	matrix spike dup, rec	5/14/2019	Pesticide	Diphenamid	n/a	=	100	%	EPA 525.2	-88	-88	70	130	
2018/19-5	000NONPJ	matrix spike, RPD	5/14/2019	Pesticide	Diphenamid	n/a	=	2	%	EPA 525.2	-88	-88	0	30	
2018/19-5	Lab	method blank	5/6/2019	Pesticide	Diphenamid	n/a	<	0.024	µg/L	EPA 525.2	0.024	0.1			
2018/19-5	Lab	LCS	5/6/2019	Pesticide	Diphenamid	n/a	=	4.93	µg/L	EPA 525.2	0.024	0.1			
2018/19-5	Lab	LCS, rec	5/6/2019	Pesticide	Diphenamid	n/a	=	99	%	EPA 525.2	-88	-88	70	130	
2018/19-5	Lab	LCS	5/14/2019	Pesticide	Diphenamid	n/a	=	5.11	µg/L	EPA 525.2	0.024	0.1			
2018/19-5	Lab	LCS, rec	5/14/2019	Pesticide	Diphenamid	n/a	=	102	%	EPA 525.2	-88	-88	70	130	
2018/19-5	Lab	LCS dup	5/14/2019	Pesticide	Diphenamid	n/a	=	4.94	µg/L	EPA 525.2	0.024	0.1			
2018/19-5	Lab	LCS dup, rec	5/14/2019	Pesticide	Diphenamid	n/a	=	99	%	EPA 525.2	-88	-88	70	130	
2018/19-5	Lab	LCS, RPD	5/14/2019	Pesticide	Diphenamid	n/a	=	4	%	EPA 525.2	-88	-88	0	30	
2018/19-5	Lab	method blank	5/15/2019	Pesticide	Diphenamid	n/a	<	0.024	µg/L	EPA 525.2	0.024	0.1			
2018/19-5	Lab	method blank	5/16/2019	Pesticide	Diphenamid	n/a	<	0.024	µg/L	EPA 525.2	0.024	0.1			
2018/19-5	Lab	LCS	5/16/2019	Pesticide	Diphenamid	n/a	=	5.01	µg/L	EPA 525.2	0.024	0.1			
2018/19-5	Lab	LCS, rec	5/16/2019	Pesticide	Diphenamid	n/a	=	100	%	EPA 525.2	-88	-88	70	130	
2018/19-5	Lab	LCS dup	5/16/2019	Pesticide	Diphenamid	n/a	=	4.86	µg/L	EPA 525.2	0.024	0.1			
2018/19-5	Lab	LCS dup, rec	5/16/2019	Pesticide	Diphenamid	n/a	=	97	%	EPA 525.2	-88	-88	70	130	
2018/19-5	Lab	LCS, RPD	5/16/2019	Pesticide	Diphenamid	n/a	=	3	%	EPA 525.2	-88	-88	0	30	
2018/19-5	000NONPJ	matrix spike	5/6/2019	Pesticide	Disulfoton	n/a	=	4.23	µg/L	EPA 525.2	0.031	0.1			
2018/19-5	000NONPJ	matrix spike, rec	5/6/2019	Pesticide	Disulfoton	n/a	=	75	%	EPA 525.2	-88	-88	50	120	
2018/19-5	000NONPJ	matrix spike dup	5/6/2019	Pesticide	Disulfoton	n/a	=	4.22	µg/L	EPA 525.2	0.031	0.1			
2018/19-5	000NONPJ	matrix spike dup, rec	5/6/2019	Pesticide	Disulfoton	n/a	=	75	%	EPA 525.2	-88	-88	50	120	
2018/19-5	000NONPJ	matrix spike, RPD	5/6/2019	Pesticide	Disulfoton	n/a	=	0.3	%	EPA 525.2	-88	-88	0	30	
2018/19-5	000NONPJ	matrix spike	5/14/2019	Pesticide	Disulfoton	n/a	=	3.75	µg/L	EPA 525.2	0.031	0.1			
2018/19-5	000NONPJ	matrix spike, rec	5/14/2019	Pesticide	Disulfoton	n/a	=	75	%	EPA 525.2	-88	-88	50	120	
2018/19-5	000NONPJ	matrix spike dup	5/14/2019	Pesticide	Disulfoton	n/a	=	4.04	µg/L	EPA 525.2	0.031	0.1			
2018/19-5	000NONPJ	matrix spike dup, rec	5/14/2019	Pesticide	Disulfoton	n/a	=	81	%	EPA 525.2	-88	-88	50	120	
2018/19-5	000NONPJ	matrix spike, RPD	5/14/2019	Pesticide	Disulfoton	n/a	=	7	%	EPA 525.2	-88	-88	0	30	
2018/19-5	000NONPJ	matrix spike	5/21/2019	Pesticide	Disulfoton	n/a	=	0.0407	µg/L	EPA 525.2m	0.01	0.01			
2018/19-5	000NONPJ	matrix spike, rec	5/21/2019	Pesticide	Disulfoton	n/a	=	81	%	EPA 525.2m	-88	-88	12	199	
2018/19-5	000NONPJ	matrix spike dup	5/21/2019	Pesticide	Disulfoton	n/a	=	0.0468	µg/L	EPA 525.2m	0.01	0.01			
2018/19-5	000NONPJ	matrix spike dup, rec	5/21/2019	Pesticide	Disulfoton	n/a	=	94	%	EPA 525.2m	-88	-88	12	199	
2018/19-5	000NONPJ	matrix spike, RPD	5/21/2019	Pesticide	Disulfoton	n/a	=	14	%	EPA 525.2m	-88	-88	0	30	
2018/19-5	000NONPJ	matrix spike	5/21/2019	Pesticide	Disulfoton	n/a	=	0.055	µg/L	EPA 525.2m	0.01	0.01			
2018/19-5	000NONPJ	matrix spike, rec	5/21/2019	Pesticide	Disulfoton	n/a	=	110	%	EPA 525.2m	-88	-88	12	199	
2018/19-5	000NONPJ	matrix spike dup	5/21/2019	Pesticide	Disulfoton	n/a	=	0.0565	µg/L	EPA 525.2m	0.01	0.01			
2018/19-5	000NONPJ	matrix spike dup, rec	5/21/2019	Pesticide	Disulfoton	n/a	=	113	%	EPA 525.2m	-88	-88	12	199	
2018/19-5	000NONPJ	matrix spike, RPD	5/21/2019	Pesticide	Disulfoton	n/a	=	3	%	EPA 525.2m	-88	-88	0	30	

Appendix F
Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2018/19-5	000NONPJ	matrix spike	6/3/2019	Pesticide	Disulfoton	n/a	=	0.0558	µg/L	EPA 525.2m	0.01	0.01			
2018/19-5	000NONPJ	matrix spike, rec	6/3/2019	Pesticide	Disulfoton	n/a	=	112	%	EPA 525.2m	-88	-88	12	199	
2018/19-5	000NONPJ	matrix spike dup	6/3/2019	Pesticide	Disulfoton	n/a	=	0.0523	µg/L	EPA 525.2m	0.01	0.01			
2018/19-5	000NONPJ	matrix spike dup, rec	6/3/2019	Pesticide	Disulfoton	n/a	=	105	%	EPA 525.2m	-88	-88	12	199	
2018/19-5	000NONPJ	matrix spike, RPD	6/3/2019	Pesticide	Disulfoton	n/a	=	7	%	EPA 525.2m	-88	-88	0	30	
2018/19-5	Lab	method blank	5/6/2019	Pesticide	Disulfoton	n/a	<	0.031	µg/L	EPA 525.2	0.031	0.1			
2018/19-5	Lab	LCS	5/6/2019	Pesticide	Disulfoton	n/a	=	3.43	µg/L	EPA 525.2	0.031	0.1			
2018/19-5	Lab	LCS, rec	5/6/2019	Pesticide	Disulfoton	n/a	=	69	%	EPA 525.2	-88	-88	50	120	
2018/19-5	Lab	LCS	5/14/2019	Pesticide	Disulfoton	n/a	=	3.66	µg/L	EPA 525.2	0.031	0.1			
2018/19-5	Lab	LCS, rec	5/14/2019	Pesticide	Disulfoton	n/a	=	73	%	EPA 525.2	-88	-88	50	120	
2018/19-5	Lab	LCS dup	5/14/2019	Pesticide	Disulfoton	n/a	=	3.59	µg/L	EPA 525.2	0.031	0.1			
2018/19-5	Lab	LCS dup, rec	5/14/2019	Pesticide	Disulfoton	n/a	=	72	%	EPA 525.2	-88	-88	50	120	
2018/19-5	Lab	LCS, RPD	5/14/2019	Pesticide	Disulfoton	n/a	=	2	%	EPA 525.2	-88	-88	0	30	
2018/19-5	Lab	method blank	5/15/2019	Pesticide	Disulfoton	n/a	<	0.031	µg/L	EPA 525.2	0.031	0.1			
2018/19-5	Lab	method blank	5/16/2019	Pesticide	Disulfoton	n/a	<	0.031	µg/L	EPA 525.2	0.031	0.1			
2018/19-5	Lab	LCS	5/16/2019	Pesticide	Disulfoton	n/a	=	3.29	µg/L	EPA 525.2	0.031	0.1			
2018/19-5	Lab	LCS, rec	5/16/2019	Pesticide	Disulfoton	n/a	=	66	%	EPA 525.2	-88	-88	50	120	
2018/19-5	Lab	LCS dup	5/16/2019	Pesticide	Disulfoton	n/a	=	3.22	µg/L	EPA 525.2	0.031	0.1			
2018/19-5	Lab	LCS dup, rec	5/16/2019	Pesticide	Disulfoton	n/a	=	64	%	EPA 525.2	-88	-88	50	120	
2018/19-5	Lab	LCS, RPD	5/16/2019	Pesticide	Disulfoton	n/a	=	2	%	EPA 525.2	-88	-88	0	30	
2018/19-5	Lab	method blank	5/21/2019	Pesticide	Disulfoton	n/a	<	0.01	µg/L	EPA 525.2m	0.01	0.01			
2018/19-5	Lab	LCS	5/21/2019	Pesticide	Disulfoton	n/a	=	0.0407	µg/L	EPA 525.2m	0.01	0.01			
2018/19-5	Lab	LCS, rec	5/21/2019	Pesticide	Disulfoton	n/a	=	81	%	EPA 525.2m	-88	-88	0.1	212	
2018/19-5	Lab	method blank	5/21/2019	Pesticide	Disulfoton	n/a	<	0.01	µg/L	EPA 525.2m	0.01	0.01			
2018/19-5	Lab	LCS	5/21/2019	Pesticide	Disulfoton	n/a	=	0.0433	µg/L	EPA 525.2m	0.01	0.01			
2018/19-5	Lab	LCS, rec	5/21/2019	Pesticide	Disulfoton	n/a	=	87	%	EPA 525.2m	-88	-88	0.1	212	
2018/19-5	Lab	method blank	6/3/2019	Pesticide	Disulfoton	n/a	<	0.01	µg/L	EPA 525.2m	0.01	0.01			
2018/19-5	Lab	LCS	6/3/2019	Pesticide	Disulfoton	n/a	=	0.0364	µg/L	EPA 525.2m	0.01	0.01			
2018/19-5	Lab	LCS, rec	6/3/2019	Pesticide	Disulfoton	n/a	=	73	%	EPA 525.2m	-88	-88	0.1	212	
2018/19-5	000NONPJ	matrix spike	5/13/2019	Pesticide	Endosulfan I	n/a	=	0.0618	µg/L	EPA 608	0.0017	0.02			
2018/19-5	000NONPJ	matrix spike, rec	5/13/2019	Pesticide	Endosulfan I	n/a	=	62	%	EPA 608	-88	-88	0.1	140	
2018/19-5	000NONPJ	matrix spike dup	5/13/2019	Pesticide	Endosulfan I	n/a	=	0.0579	µg/L	EPA 608	0.0017	0.02			
2018/19-5	000NONPJ	matrix spike dup, rec	5/13/2019	Pesticide	Endosulfan I	n/a	=	58	%	EPA 608	-88	-88	0.1	140	
2018/19-5	000NONPJ	matrix spike, RPD	5/13/2019	Pesticide	Endosulfan I	n/a	=	6	%	EPA 608	-88	-88	0	30	
2018/19-5	000NONPJ	matrix spike	5/13/2019	Pesticide	Endosulfan I	n/a	=	0.36	µg/L	EPA 608	0.0085	0.1			
2018/19-5	000NONPJ	matrix spike, rec	5/13/2019	Pesticide	Endosulfan I	n/a	=	72	%	EPA 608	-88	-88	0.1	140	
2018/19-5	000NONPJ	matrix spike dup	5/13/2019	Pesticide	Endosulfan I	n/a	=	0.367	µg/L	EPA 608	0.0085	0.1			
2018/19-5	000NONPJ	matrix spike dup, rec	5/13/2019	Pesticide	Endosulfan I	n/a	=	73	%	EPA 608	-88	-88	0.1	140	
2018/19-5	000NONPJ	matrix spike, RPD	5/13/2019	Pesticide	Endosulfan I	n/a	=	2	%	EPA 608	-88	-88	0	30	
2018/19-5	000NONPJ	matrix spike	5/14/2019	Pesticide	Endosulfan I	n/a	DNQ	0.0652	µg/L	EPA 608	0.017	0.2			
2018/19-5	000NONPJ	matrix spike, rec	5/14/2019	Pesticide	Endosulfan I	n/a	=	65	%	EPA 608	-88	-88	0.1	140	
2018/19-5	000NONPJ	matrix spike dup	5/14/2019	Pesticide	Endosulfan I	n/a	DNQ	0.065	µg/L	EPA 608	0.017	0.2			
2018/19-5	000NONPJ	matrix spike dup, rec	5/14/2019	Pesticide	Endosulfan I	n/a	=	65	%	EPA 608	-88	-88	0.1	140	
2018/19-5	000NONPJ	matrix spike, RPD	5/14/2019	Pesticide	Endosulfan I	n/a	=	0.3	%	EPA 608	-88	-88	0	30	
2018/19-5	000NONPJ	matrix spike	5/14/2019	Pesticide	Endosulfan I	n/a	=	0.339	µg/L	EPA 608	0.0085	0.1			
2018/19-5	000NONPJ	matrix spike, rec	5/14/2019	Pesticide	Endosulfan I	n/a	=	68	%	EPA 608	-88	-88	0.1	140	
2018/19-5	000NONPJ	matrix spike dup	5/14/2019	Pesticide	Endosulfan I	n/a	=	0.315	µg/L	EPA 608	0.0085	0.1			

Appendix F
Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2018/19-5	000NONPJ	matrix spike dup, rec	5/14/2019	Pesticide	Endosulfan I	n/a	=	63	%	EPA 608	-88	-88	0.1	140	
2018/19-5	000NONPJ	matrix spike, RPD	5/14/2019	Pesticide	Endosulfan I	n/a	=	8	%	EPA 608	-88	-88	0	30	
2018/19-5	Lab	method blank	5/10/2019	Pesticide	Endosulfan I	n/a	<	0.0017	µg/L	EPA 608	0.0017	0.02			
2018/19-5	Lab	LCS	5/10/2019	Pesticide	Endosulfan I	n/a	=	0.0835	µg/L	EPA 608	0.0017	0.02			
2018/19-5	Lab	LCS, rec	5/10/2019	Pesticide	Endosulfan I	n/a	=	84	%	EPA 608	-88	-88	14	131	
2018/19-5	Lab	LCS dup	5/10/2019	Pesticide	Endosulfan I	n/a	=	0.0851	µg/L	EPA 608	0.0017	0.02			
2018/19-5	Lab	LCS dup, rec	5/10/2019	Pesticide	Endosulfan I	n/a	=	85	%	EPA 608	-88	-88	14	131	
2018/19-5	Lab	LCS, RPD	5/10/2019	Pesticide	Endosulfan I	n/a	=	2	%	EPA 608	-88	-88	0	30	
2018/19-5	Lab	method blank	5/13/2019	Pesticide	Endosulfan I	n/a	<	0.0017	µg/L	EPA 608	0.0017	0.02			
2018/19-5	Lab	LCS	5/13/2019	Pesticide	Endosulfan I	n/a	=	0.0786	µg/L	EPA 608	0.0017	0.02			
2018/19-5	Lab	LCS, rec	5/13/2019	Pesticide	Endosulfan I	n/a	=	79	%	EPA 608	-88	-88	14	131	
2018/19-5	Lab	method blank	5/14/2019	Pesticide	Endosulfan I	n/a	<	0.0017	µg/L	EPA 608	0.0017	0.02			
2018/19-5	Lab	LCS	5/14/2019	Pesticide	Endosulfan I	n/a	=	0.084	µg/L	EPA 608	0.0017	0.02			
2018/19-5	Lab	LCS, rec	5/14/2019	Pesticide	Endosulfan I	n/a	=	84	%	EPA 608	-88	-88	14	131	
2018/19-5	Lab	method blank	5/17/2019	Pesticide	Endosulfan I	n/a	<	0.0017	µg/L	EPA 608	0.0017	0.02			
2018/19-5	Lab	LCS	5/17/2019	Pesticide	Endosulfan I	n/a	=	0.102	µg/L	EPA 608	0.0017	0.02			
2018/19-5	Lab	LCS, rec	5/17/2019	Pesticide	Endosulfan I	n/a	=	102	%	EPA 608	-88	-88	14	131	
2018/19-5	Lab	LCS dup	5/17/2019	Pesticide	Endosulfan I	n/a	=	0.11	µg/L	EPA 608	0.0017	0.02			
2018/19-5	Lab	LCS dup, rec	5/17/2019	Pesticide	Endosulfan I	n/a	=	110	%	EPA 608	-88	-88	14	131	
2018/19-5	Lab	LCS, RPD	5/17/2019	Pesticide	Endosulfan I	n/a	=	8	%	EPA 608	-88	-88	0	30	
2018/19-5	Lab	method blank	5/21/2019	Pesticide	Endosulfan I	n/a	<	0.0017	µg/L	EPA 608	0.0017	0.02			
2018/19-5	Lab	LCS	5/21/2019	Pesticide	Endosulfan I	n/a	=	0.0918	µg/L	EPA 608	0.0017	0.02			
2018/19-5	Lab	LCS, rec	5/21/2019	Pesticide	Endosulfan I	n/a	=	92	%	EPA 608	-88	-88	14	131	
2018/19-5	Lab	LCS dup	5/21/2019	Pesticide	Endosulfan I	n/a	=	0.0878	µg/L	EPA 608	0.0017	0.02			
2018/19-5	Lab	LCS dup, rec	5/21/2019	Pesticide	Endosulfan I	n/a	=	88	%	EPA 608	-88	-88	14	131	
2018/19-5	Lab	LCS, RPD	5/21/2019	Pesticide	Endosulfan I	n/a	=	4	%	EPA 608	-88	-88	0	30	
2018/19-5	000NONPJ	matrix spike	5/13/2019	Pesticide	Endosulfan II	n/a	=	0.0671	µg/L	EPA 608	0.0019	0.01			
2018/19-5	000NONPJ	matrix spike, rec	5/13/2019	Pesticide	Endosulfan II	n/a	=	67	%	EPA 608	-88	-88	17	122	
2018/19-5	000NONPJ	matrix spike dup	5/13/2019	Pesticide	Endosulfan II	n/a	=	0.0629	µg/L	EPA 608	0.0019	0.01			
2018/19-5	000NONPJ	matrix spike dup, rec	5/13/2019	Pesticide	Endosulfan II	n/a	=	63	%	EPA 608	-88	-88	17	122	
2018/19-5	000NONPJ	matrix spike, RPD	5/13/2019	Pesticide	Endosulfan II	n/a	=	6	%	EPA 608	-88	-88	0	30	
2018/19-5	000NONPJ	matrix spike	5/13/2019	Pesticide	Endosulfan II	n/a	=	0.315	µg/L	EPA 608	0.0095	0.05			
2018/19-5	000NONPJ	matrix spike, rec	5/13/2019	Pesticide	Endosulfan II	n/a	=	63	%	EPA 608	-88	-88	17	122	
2018/19-5	000NONPJ	matrix spike dup	5/13/2019	Pesticide	Endosulfan II	n/a	=	0.308	µg/L	EPA 608	0.0095	0.05			
2018/19-5	000NONPJ	matrix spike dup, rec	5/13/2019	Pesticide	Endosulfan II	n/a	=	62	%	EPA 608	-88	-88	17	122	
2018/19-5	000NONPJ	matrix spike, RPD	5/13/2019	Pesticide	Endosulfan II	n/a	=	2	%	EPA 608	-88	-88	0	30	
2018/19-5	000NONPJ	matrix spike	5/14/2019	Pesticide	Endosulfan II	n/a	DNQ	0.0724	µg/L	EPA 608	0.019	0.1			
2018/19-5	000NONPJ	matrix spike, rec	5/14/2019	Pesticide	Endosulfan II	n/a	=	72	%	EPA 608	-88	-88	17	122	
2018/19-5	000NONPJ	matrix spike dup	5/14/2019	Pesticide	Endosulfan II	n/a	DNQ	0.0715	µg/L	EPA 608	0.019	0.1			
2018/19-5	000NONPJ	matrix spike dup, rec	5/14/2019	Pesticide	Endosulfan II	n/a	=	72	%	EPA 608	-88	-88	17	122	
2018/19-5	000NONPJ	matrix spike, RPD	5/14/2019	Pesticide	Endosulfan II	n/a	=	1	%	EPA 608	-88	-88	0	30	
2018/19-5	000NONPJ	matrix spike	5/14/2019	Pesticide	Endosulfan II	n/a	=	0.384	µg/L	EPA 608	0.0095	0.05			
2018/19-5	000NONPJ	matrix spike, rec	5/14/2019	Pesticide	Endosulfan II	n/a	=	77	%	EPA 608	-88	-88	17	122	
2018/19-5	000NONPJ	matrix spike dup	5/14/2019	Pesticide	Endosulfan II	n/a	=	0.349	µg/L	EPA 608	0.0095	0.05			
2018/19-5	000NONPJ	matrix spike dup, rec	5/14/2019	Pesticide	Endosulfan II	n/a	=	70	%	EPA 608	-88	-88	17	122	
2018/19-5	000NONPJ	matrix spike, RPD	5/14/2019	Pesticide	Endosulfan II	n/a	=	9	%	EPA 608	-88	-88	0	30	
2018/19-5	Lab	method blank	5/10/2019	Pesticide	Endosulfan II	n/a	<	0.0019	µg/L	EPA 608	0.0019	0.01			

Appendix F
Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2018/19-5	Lab	LCS	5/10/2019	Pesticide	Endosulfan II	n/a	=	0.0902	µg/L	EPA 608	0.0019	0.01			
2018/19-5	Lab	LCS, rec	5/10/2019	Pesticide	Endosulfan II	n/a	=	90	%	EPA 608	-88	-88	40	121	
2018/19-5	Lab	LCS dup	5/10/2019	Pesticide	Endosulfan II	n/a	=	0.0913	µg/L	EPA 608	0.0019	0.01			
2018/19-5	Lab	LCS dup, rec	5/10/2019	Pesticide	Endosulfan II	n/a	=	91	%	EPA 608	-88	-88	40	121	
2018/19-5	Lab	LCS, RPD	5/10/2019	Pesticide	Endosulfan II	n/a	=	1	%	EPA 608	-88	-88	0	30	
2018/19-5	Lab	method blank	5/13/2019	Pesticide	Endosulfan II	n/a	<	0.0019	µg/L	EPA 608	0.0019	0.01			
2018/19-5	Lab	LCS	5/13/2019	Pesticide	Endosulfan II	n/a	=	0.0835	µg/L	EPA 608	0.0019	0.01			
2018/19-5	Lab	LCS, rec	5/13/2019	Pesticide	Endosulfan II	n/a	=	83	%	EPA 608	-88	-88	40	121	
2018/19-5	Lab	method blank	5/14/2019	Pesticide	Endosulfan II	n/a	<	0.0019	µg/L	EPA 608	0.0019	0.01			
2018/19-5	Lab	LCS	5/14/2019	Pesticide	Endosulfan II	n/a	=	0.0918	µg/L	EPA 608	0.0019	0.01			
2018/19-5	Lab	LCS, rec	5/14/2019	Pesticide	Endosulfan II	n/a	=	92	%	EPA 608	-88	-88	40	121	
2018/19-5	Lab	method blank	5/17/2019	Pesticide	Endosulfan II	n/a	<	0.0019	µg/L	EPA 608	0.0019	0.01			
2018/19-5	Lab	LCS	5/17/2019	Pesticide	Endosulfan II	n/a	=	0.114	µg/L	EPA 608	0.0019	0.01			
2018/19-5	Lab	LCS, rec	5/17/2019	Pesticide	Endosulfan II	n/a	=	114	%	EPA 608	-88	-88	40	121	
2018/19-5	Lab	LCS dup	5/17/2019	Pesticide	Endosulfan II	n/a	=	0.122	µg/L	EPA 608	0.0019	0.01			EUM
2018/19-5	Lab	LCS dup, rec	5/17/2019	Pesticide	Endosulfan II	n/a	=	122	%	EPA 608	-88	-88	40	121	EUM
2018/19-5	Lab	LCS, RPD	5/17/2019	Pesticide	Endosulfan II	n/a	=	7	%	EPA 608	-88	-88	0	30	EUM
2018/19-5	Lab	method blank	5/21/2019	Pesticide	Endosulfan II	n/a	<	0.0019	µg/L	EPA 608	0.0019	0.01			
2018/19-5	Lab	LCS	5/21/2019	Pesticide	Endosulfan II	n/a	=	0.107	µg/L	EPA 608	0.0019	0.01			
2018/19-5	Lab	LCS, rec	5/21/2019	Pesticide	Endosulfan II	n/a	=	107	%	EPA 608	-88	-88	40	121	
2018/19-5	Lab	LCS dup	5/21/2019	Pesticide	Endosulfan II	n/a	=	0.103	µg/L	EPA 608	0.0019	0.01			
2018/19-5	Lab	LCS dup, rec	5/21/2019	Pesticide	Endosulfan II	n/a	=	103	%	EPA 608	-88	-88	40	121	
2018/19-5	Lab	LCS, RPD	5/21/2019	Pesticide	Endosulfan II	n/a	=	4	%	EPA 608	-88	-88	0	30	
2018/19-5	000NONPJ	matrix spike	5/13/2019	Pesticide	Endosulfan sulfate	n/a	=	0.0677	µg/L	EPA 608	0.008	0.05			
2018/19-5	000NONPJ	matrix spike, rec	5/13/2019	Pesticide	Endosulfan sulfate	n/a	=	68	%	EPA 608	-88	-88	37	131	
2018/19-5	000NONPJ	matrix spike dup	5/13/2019	Pesticide	Endosulfan sulfate	n/a	=	0.0625	µg/L	EPA 608	0.008	0.05			IL
2018/19-5	000NONPJ	matrix spike dup, rec	5/13/2019	Pesticide	Endosulfan sulfate	n/a	=	62	%	EPA 608	-88	-88	37	131	IL
2018/19-5	000NONPJ	matrix spike, RPD	5/13/2019	Pesticide	Endosulfan sulfate	n/a	=	200	%	EPA 608	-88	-88	0	30	IL
2018/19-5	000NONPJ	matrix spike	5/13/2019	Pesticide	Endosulfan sulfate	n/a	=	1.09	µg/L	EPA 608	0.04	0.25			GB
2018/19-5	000NONPJ	matrix spike, rec	5/13/2019	Pesticide	Endosulfan sulfate	n/a	=	218	%	EPA 608	-88	-88	37	131	GB
2018/19-5	000NONPJ	matrix spike dup	5/13/2019	Pesticide	Endosulfan sulfate	n/a	=	1.27	µg/L	EPA 608	0.04	0.25			GB
2018/19-5	000NONPJ	matrix spike dup, rec	5/13/2019	Pesticide	Endosulfan sulfate	n/a	=	254	%	EPA 608	-88	-88	37	131	GB
2018/19-5	000NONPJ	matrix spike, RPD	5/13/2019	Pesticide	Endosulfan sulfate	n/a	=	15	%	EPA 608	-88	-88	0	30	GB
2018/19-5	000NONPJ	matrix spike	5/14/2019	Pesticide	Endosulfan sulfate	n/a	DNQ	0.201	µg/L	EPA 608	0.08	0.5			GB
2018/19-5	000NONPJ	matrix spike, rec	5/14/2019	Pesticide	Endosulfan sulfate	n/a	=	201	%	EPA 608	-88	-88	37	131	GB
2018/19-5	000NONPJ	matrix spike dup	5/14/2019	Pesticide	Endosulfan sulfate	n/a	DNQ	0.188	µg/L	EPA 608	0.08	0.5			GB
2018/19-5	000NONPJ	matrix spike dup, rec	5/14/2019	Pesticide	Endosulfan sulfate	n/a	=	188	%	EPA 608	-88	-88	37	131	GB
2018/19-5	000NONPJ	matrix spike, RPD	5/14/2019	Pesticide	Endosulfan sulfate	n/a	=	7	%	EPA 608	-88	-88	0	30	GB
2018/19-5	000NONPJ	matrix spike	5/14/2019	Pesticide	Endosulfan sulfate	n/a	=	0.357	µg/L	EPA 608	0.04	0.25			
2018/19-5	000NONPJ	matrix spike, rec	5/14/2019	Pesticide	Endosulfan sulfate	n/a	=	71	%	EPA 608	-88	-88	37	131	
2018/19-5	000NONPJ	matrix spike dup	5/14/2019	Pesticide	Endosulfan sulfate	n/a	=	0.339	µg/L	EPA 608	0.04	0.25			
2018/19-5	000NONPJ	matrix spike dup, rec	5/14/2019	Pesticide	Endosulfan sulfate	n/a	=	68	%	EPA 608	-88	-88	37	131	
2018/19-5	000NONPJ	matrix spike, RPD	5/14/2019	Pesticide	Endosulfan sulfate	n/a	=	5	%	EPA 608	-88	-88	0	30	
2018/19-5	Lab	method blank	5/10/2019	Pesticide	Endosulfan sulfate	n/a	<	0.008	µg/L	EPA 608	0.008	0.05			
2018/19-5	Lab	LCS	5/10/2019	Pesticide	Endosulfan sulfate	n/a	=	0.0959	µg/L	EPA 608	0.008	0.05			
2018/19-5	Lab	LCS, rec	5/10/2019	Pesticide	Endosulfan sulfate	n/a	=	96	%	EPA 608	-88	-88	44	140	
2018/19-5	Lab	LCS dup	5/10/2019	Pesticide	Endosulfan sulfate	n/a	=	0.0955	µg/L	EPA 608	0.008	0.05			

Appendix F
Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2018/19-5	Lab	LCS dup, rec	5/10/2019	Pesticide	Endosulfan sulfate	n/a	=	96	%	EPA 608	-88	-88	44	140	
2018/19-5	Lab	LCS, RPD	5/10/2019	Pesticide	Endosulfan sulfate	n/a	=	0.4	%	EPA 608	-88	-88	0	30	
2018/19-5	Lab	method blank	5/13/2019	Pesticide	Endosulfan sulfate	n/a	<	0.008	µg/L	EPA 608	0.008	0.05			
2018/19-5	Lab	LCS	5/13/2019	Pesticide	Endosulfan sulfate	n/a	=	0.0796	µg/L	EPA 608	0.008	0.05			
2018/19-5	Lab	LCS, rec	5/13/2019	Pesticide	Endosulfan sulfate	n/a	=	80	%	EPA 608	-88	-88	44	140	
2018/19-5	Lab	method blank	5/14/2019	Pesticide	Endosulfan sulfate	n/a	<	0.008	µg/L	EPA 608	0.008	0.05			
2018/19-5	Lab	LCS	5/14/2019	Pesticide	Endosulfan sulfate	n/a	=	0.0885	µg/L	EPA 608	0.008	0.05			
2018/19-5	Lab	LCS, rec	5/14/2019	Pesticide	Endosulfan sulfate	n/a	=	88	%	EPA 608	-88	-88	44	140	
2018/19-5	Lab	method blank	5/17/2019	Pesticide	Endosulfan sulfate	n/a	<	0.008	µg/L	EPA 608	0.008	0.05			
2018/19-5	Lab	LCS	5/17/2019	Pesticide	Endosulfan sulfate	n/a	=	0.134	µg/L	EPA 608	0.008	0.05			
2018/19-5	Lab	LCS, rec	5/17/2019	Pesticide	Endosulfan sulfate	n/a	=	134	%	EPA 608	-88	-88	44	140	
2018/19-5	Lab	LCS dup	5/17/2019	Pesticide	Endosulfan sulfate	n/a	=	0.142	µg/L	EPA 608	0.008	0.05			EUM
2018/19-5	Lab	LCS dup, rec	5/17/2019	Pesticide	Endosulfan sulfate	n/a	=	142	%	EPA 608	-88	-88	44	140	EUM
2018/19-5	Lab	LCS, RPD	5/17/2019	Pesticide	Endosulfan sulfate	n/a	=	6	%	EPA 608	-88	-88	0	30	EUM
2018/19-5	Lab	method blank	5/21/2019	Pesticide	Endosulfan sulfate	n/a	<	0.008	µg/L	EPA 608	0.008	0.05			
2018/19-5	Lab	LCS	5/21/2019	Pesticide	Endosulfan sulfate	n/a	=	0.135	µg/L	EPA 608	0.008	0.05			
2018/19-5	Lab	LCS, rec	5/21/2019	Pesticide	Endosulfan sulfate	n/a	=	135	%	EPA 608	-88	-88	44	140	
2018/19-5	Lab	LCS dup	5/21/2019	Pesticide	Endosulfan sulfate	n/a	=	0.13	µg/L	EPA 608	0.008	0.05			
2018/19-5	Lab	LCS dup, rec	5/21/2019	Pesticide	Endosulfan sulfate	n/a	=	130	%	EPA 608	-88	-88	44	140	
2018/19-5	Lab	LCS, RPD	5/21/2019	Pesticide	Endosulfan sulfate	n/a	=	4	%	EPA 608	-88	-88	0	30	
2018/19-5	000NONPJ	matrix spike	5/13/2019	Pesticide	Endrin	n/a	=	0.0858	µg/L	EPA 608	0.0028	0.01			
2018/19-5	000NONPJ	matrix spike, rec	5/13/2019	Pesticide	Endrin	n/a	=	86	%	EPA 608	-88	-88	42	144	
2018/19-5	000NONPJ	matrix spike dup	5/13/2019	Pesticide	Endrin	n/a	=	0.0751	µg/L	EPA 608	0.0028	0.01			
2018/19-5	000NONPJ	matrix spike dup, rec	5/13/2019	Pesticide	Endrin	n/a	=	75	%	EPA 608	-88	-88	42	144	
2018/19-5	000NONPJ	matrix spike, RPD	5/13/2019	Pesticide	Endrin	n/a	=	13	%	EPA 608	-88	-88	0	30	
2018/19-5	000NONPJ	matrix spike	5/13/2019	Pesticide	Endrin	n/a	=	0.44	µg/L	EPA 608	0.014	0.05			
2018/19-5	000NONPJ	matrix spike, rec	5/13/2019	Pesticide	Endrin	n/a	=	88	%	EPA 608	-88	-88	42	144	
2018/19-5	000NONPJ	matrix spike dup	5/13/2019	Pesticide	Endrin	n/a	=	0.44	µg/L	EPA 608	0.014	0.05			
2018/19-5	000NONPJ	matrix spike dup, rec	5/13/2019	Pesticide	Endrin	n/a	=	88	%	EPA 608	-88	-88	42	144	
2018/19-5	000NONPJ	matrix spike, RPD	5/13/2019	Pesticide	Endrin	n/a	=	0.03	%	EPA 608	-88	-88	0	30	
2018/19-5	000NONPJ	matrix spike	5/14/2019	Pesticide	Endrin	n/a	=	0.101	µg/L	EPA 608	0.028	0.1			
2018/19-5	000NONPJ	matrix spike, rec	5/14/2019	Pesticide	Endrin	n/a	=	101	%	EPA 608	-88	-88	42	144	
2018/19-5	000NONPJ	matrix spike dup	5/14/2019	Pesticide	Endrin	n/a	DNQ	0.0962	µg/L	EPA 608	0.028	0.1			
2018/19-5	000NONPJ	matrix spike dup, rec	5/14/2019	Pesticide	Endrin	n/a	=	96	%	EPA 608	-88	-88	42	144	
2018/19-5	000NONPJ	matrix spike, RPD	5/14/2019	Pesticide	Endrin	n/a	=	5	%	EPA 608	-88	-88	0	30	
2018/19-5	000NONPJ	matrix spike	5/14/2019	Pesticide	Endrin	n/a	=	0.476	µg/L	EPA 608	0.014	0.05			
2018/19-5	000NONPJ	matrix spike, rec	5/14/2019	Pesticide	Endrin	n/a	=	95	%	EPA 608	-88	-88	42	144	
2018/19-5	000NONPJ	matrix spike dup	5/14/2019	Pesticide	Endrin	n/a	=	0.435	µg/L	EPA 608	0.014	0.05			
2018/19-5	000NONPJ	matrix spike dup, rec	5/14/2019	Pesticide	Endrin	n/a	=	87	%	EPA 608	-88	-88	42	144	
2018/19-5	000NONPJ	matrix spike, RPD	5/14/2019	Pesticide	Endrin	n/a	=	9	%	EPA 608	-88	-88	0	30	
2018/19-5	Lab	method blank	5/10/2019	Pesticide	Endrin	n/a	<	0.0028	µg/L	EPA 608	0.0028	0.01			
2018/19-5	Lab	LCS	5/10/2019	Pesticide	Endrin	n/a	=	0.101	µg/L	EPA 608	0.0028	0.01			
2018/19-5	Lab	LCS, rec	5/10/2019	Pesticide	Endrin	n/a	=	101	%	EPA 608	-88	-88	40	143	
2018/19-5	Lab	LCS dup	5/10/2019	Pesticide	Endrin	n/a	=	0.107	µg/L	EPA 608	0.0028	0.01			
2018/19-5	Lab	LCS dup, rec	5/10/2019	Pesticide	Endrin	n/a	=	107	%	EPA 608	-88	-88	40	143	
2018/19-5	Lab	LCS, RPD	5/10/2019	Pesticide	Endrin	n/a	=	6	%	EPA 608	-88	-88	0	30	
2018/19-5	Lab	method blank	5/13/2019	Pesticide	Endrin	n/a	<	0.0028	µg/L	EPA 608	0.0028	0.01			

Appendix F
Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2018/19-5	Lab	LCS	5/13/2019	Pesticide	Endrin	n/a	=	0.0953	µg/L	EPA 608	0.0028	0.01			
2018/19-5	Lab	LCS, rec	5/13/2019	Pesticide	Endrin	n/a	=	95	%	EPA 608	-88	-88	40	143	
2018/19-5	Lab	method blank	5/14/2019	Pesticide	Endrin	n/a	<	0.0028	µg/L	EPA 608	0.0028	0.01			
2018/19-5	Lab	LCS	5/14/2019	Pesticide	Endrin	n/a	=	0.103	µg/L	EPA 608	0.0028	0.01			
2018/19-5	Lab	LCS, rec	5/14/2019	Pesticide	Endrin	n/a	=	103	%	EPA 608	-88	-88	40	143	
2018/19-5	Lab	method blank	5/17/2019	Pesticide	Endrin	n/a	<	0.0028	µg/L	EPA 608	0.0028	0.01			
2018/19-5	Lab	LCS	5/17/2019	Pesticide	Endrin	n/a	=	0.12	µg/L	EPA 608	0.0028	0.01			
2018/19-5	Lab	LCS, rec	5/17/2019	Pesticide	Endrin	n/a	=	120	%	EPA 608	-88	-88	40	143	
2018/19-5	Lab	LCS dup	5/17/2019	Pesticide	Endrin	n/a	=	0.133	µg/L	EPA 608	0.0028	0.01			
2018/19-5	Lab	LCS dup, rec	5/17/2019	Pesticide	Endrin	n/a	=	133	%	EPA 608	-88	-88	40	143	
2018/19-5	Lab	LCS, RPD	5/17/2019	Pesticide	Endrin	n/a	=	10	%	EPA 608	-88	-88	0	30	
2018/19-5	Lab	method blank	5/21/2019	Pesticide	Endrin	n/a	<	0.0028	µg/L	EPA 608	0.0028	0.01			
2018/19-5	Lab	LCS	5/21/2019	Pesticide	Endrin	n/a	=	0.129	µg/L	EPA 608	0.0028	0.01			
2018/19-5	Lab	LCS, rec	5/21/2019	Pesticide	Endrin	n/a	=	129	%	EPA 608	-88	-88	40	143	
2018/19-5	Lab	LCS dup	5/21/2019	Pesticide	Endrin	n/a	=	0.124	µg/L	EPA 608	0.0028	0.01			
2018/19-5	Lab	LCS dup, rec	5/21/2019	Pesticide	Endrin	n/a	=	124	%	EPA 608	-88	-88	40	143	
2018/19-5	Lab	LCS, RPD	5/21/2019	Pesticide	Endrin	n/a	=	4	%	EPA 608	-88	-88	0	30	
2018/19-5	000NONPJ	matrix spike	5/13/2019	Pesticide	Endrin aldehyde	n/a	=	0.0909	µg/L	EPA 608	0.003	0.01			
2018/19-5	000NONPJ	matrix spike, rec	5/13/2019	Pesticide	Endrin aldehyde	n/a	=	91	%	EPA 608	-88	-88	11	113	
2018/19-5	000NONPJ	matrix spike dup	5/13/2019	Pesticide	Endrin aldehyde	n/a	=	0.0865	µg/L	EPA 608	0.003	0.01			
2018/19-5	000NONPJ	matrix spike dup, rec	5/13/2019	Pesticide	Endrin aldehyde	n/a	=	86	%	EPA 608	-88	-88	11	113	
2018/19-5	000NONPJ	matrix spike, RPD	5/13/2019	Pesticide	Endrin aldehyde	n/a	=	5	%	EPA 608	-88	-88	0	30	
2018/19-5	000NONPJ	matrix spike	5/13/2019	Pesticide	Endrin aldehyde	n/a	=	0.295	µg/L	EPA 608	0.015	0.05			
2018/19-5	000NONPJ	matrix spike, rec	5/13/2019	Pesticide	Endrin aldehyde	n/a	=	59	%	EPA 608	-88	-88	11	113	
2018/19-5	000NONPJ	matrix spike dup	5/13/2019	Pesticide	Endrin aldehyde	n/a	=	0.275	µg/L	EPA 608	0.015	0.05			
2018/19-5	000NONPJ	matrix spike dup, rec	5/13/2019	Pesticide	Endrin aldehyde	n/a	=	55	%	EPA 608	-88	-88	11	113	
2018/19-5	000NONPJ	matrix spike, RPD	5/13/2019	Pesticide	Endrin aldehyde	n/a	=	7	%	EPA 608	-88	-88	0	30	
2018/19-5	000NONPJ	matrix spike	5/14/2019	Pesticide	Endrin aldehyde	n/a	DNQ	0.0785	µg/L	EPA 608	0.03	0.1			
2018/19-5	000NONPJ	matrix spike, rec	5/14/2019	Pesticide	Endrin aldehyde	n/a	=	78	%	EPA 608	-88	-88	11	113	
2018/19-5	000NONPJ	matrix spike dup	5/14/2019	Pesticide	Endrin aldehyde	n/a	DNQ	0.0759	µg/L	EPA 608	0.03	0.1			
2018/19-5	000NONPJ	matrix spike dup, rec	5/14/2019	Pesticide	Endrin aldehyde	n/a	=	76	%	EPA 608	-88	-88	11	113	
2018/19-5	000NONPJ	matrix spike, RPD	5/14/2019	Pesticide	Endrin aldehyde	n/a	=	3	%	EPA 608	-88	-88	0	30	
2018/19-5	000NONPJ	matrix spike	5/14/2019	Pesticide	Endrin aldehyde	n/a	=	0.385	µg/L	EPA 608	0.015	0.05			
2018/19-5	000NONPJ	matrix spike, rec	5/14/2019	Pesticide	Endrin aldehyde	n/a	=	77	%	EPA 608	-88	-88	11	113	
2018/19-5	000NONPJ	matrix spike dup	5/14/2019	Pesticide	Endrin aldehyde	n/a	=	0.373	µg/L	EPA 608	0.015	0.05			
2018/19-5	000NONPJ	matrix spike dup, rec	5/14/2019	Pesticide	Endrin aldehyde	n/a	=	75	%	EPA 608	-88	-88	11	113	
2018/19-5	000NONPJ	matrix spike, RPD	5/14/2019	Pesticide	Endrin aldehyde	n/a	=	3	%	EPA 608	-88	-88	0	30	
2018/19-5	Lab	method blank	5/10/2019	Pesticide	Endrin aldehyde	n/a	<	0.003	µg/L	EPA 608	0.003	0.01			
2018/19-5	Lab	LCS	5/10/2019	Pesticide	Endrin aldehyde	n/a	=	0.1	µg/L	EPA 608	0.003	0.01			
2018/19-5	Lab	LCS, rec	5/10/2019	Pesticide	Endrin aldehyde	n/a	=	100	%	EPA 608	-88	-88	18	136	
2018/19-5	Lab	LCS dup	5/10/2019	Pesticide	Endrin aldehyde	n/a	=	0.0999	µg/L	EPA 608	0.003	0.01			
2018/19-5	Lab	LCS dup, rec	5/10/2019	Pesticide	Endrin aldehyde	n/a	=	100	%	EPA 608	-88	-88	18	136	
2018/19-5	Lab	LCS, RPD	5/10/2019	Pesticide	Endrin aldehyde	n/a	=	0.3	%	EPA 608	-88	-88	0	30	
2018/19-5	Lab	method blank	5/13/2019	Pesticide	Endrin aldehyde	n/a	<	0.003	µg/L	EPA 608	0.003	0.01			
2018/19-5	Lab	LCS	5/13/2019	Pesticide	Endrin aldehyde	n/a	=	0.0993	µg/L	EPA 608	0.003	0.01			
2018/19-5	Lab	LCS, rec	5/13/2019	Pesticide	Endrin aldehyde	n/a	=	99	%	EPA 608	-88	-88	18	136	
2018/19-5	Lab	method blank	5/14/2019	Pesticide	Endrin aldehyde	n/a	<	0.003	µg/L	EPA 608	0.003	0.01			

Appendix F
Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2018/19-5	Lab	LCS	5/14/2019	Pesticide	Endrin aldehyde	n/a	=	0.109	µg/L	EPA 608	0.003	0.01			
2018/19-5	Lab	LCS, rec	5/14/2019	Pesticide	Endrin aldehyde	n/a	=	109	%	EPA 608	-88	-88	18	136	
2018/19-5	Lab	method blank	5/17/2019	Pesticide	Endrin aldehyde	n/a	<	0.003	µg/L	EPA 608	0.003	0.01			
2018/19-5	Lab	LCS	5/17/2019	Pesticide	Endrin aldehyde	n/a	=	0.14	µg/L	EPA 608	0.003	0.01			EUM
2018/19-5	Lab	LCS, rec	5/17/2019	Pesticide	Endrin aldehyde	n/a	=	140	%	EPA 608	-88	-88	18	136	EUM
2018/19-5	Lab	LCS dup	5/17/2019	Pesticide	Endrin aldehyde	n/a	=	0.15	µg/L	EPA 608	0.003	0.01			EUM
2018/19-5	Lab	LCS dup, rec	5/17/2019	Pesticide	Endrin aldehyde	n/a	=	150	%	EPA 608	-88	-88	18	136	EUM
2018/19-5	Lab	LCS, RPD	5/17/2019	Pesticide	Endrin aldehyde	n/a	=	7	%	EPA 608	-88	-88	0	30	EUM
2018/19-5	Lab	method blank	5/21/2019	Pesticide	Endrin aldehyde	n/a	<	0.003	µg/L	EPA 608	0.003	0.01			
2018/19-5	Lab	LCS	5/21/2019	Pesticide	Endrin aldehyde	n/a	=	0.144	µg/L	EPA 608	0.003	0.01			EUM
2018/19-5	Lab	LCS, rec	5/21/2019	Pesticide	Endrin aldehyde	n/a	=	144	%	EPA 608	-88	-88	18	136	EUM
2018/19-5	Lab	LCS dup	5/21/2019	Pesticide	Endrin aldehyde	n/a	=	0.128	µg/L	EPA 608	0.003	0.01			
2018/19-5	Lab	LCS dup, rec	5/21/2019	Pesticide	Endrin aldehyde	n/a	=	128	%	EPA 608	-88	-88	18	136	
2018/19-5	Lab	LCS, RPD	5/21/2019	Pesticide	Endrin aldehyde	n/a	=	12	%	EPA 608	-88	-88	0	30	
2018/19-5	000NONPJ	matrix spike	5/6/2019	Pesticide	EPTC	n/a	=	4.98	µg/L	EPA 525.2	0.017	1			
2018/19-5	000NONPJ	matrix spike, rec	5/6/2019	Pesticide	EPTC	n/a	=	100	%	EPA 525.2	-88	-88	70	130	
2018/19-5	000NONPJ	matrix spike dup	5/6/2019	Pesticide	EPTC	n/a	=	5.16	µg/L	EPA 525.2	0.017	1			
2018/19-5	000NONPJ	matrix spike dup, rec	5/6/2019	Pesticide	EPTC	n/a	=	103	%	EPA 525.2	-88	-88	70	130	
2018/19-5	000NONPJ	matrix spike, RPD	5/6/2019	Pesticide	EPTC	n/a	=	4	%	EPA 525.2	-88	-88	0	30	
2018/19-5	000NONPJ	matrix spike	5/14/2019	Pesticide	EPTC	n/a	=	4.96	µg/L	EPA 525.2	0.017	1			
2018/19-5	000NONPJ	matrix spike, rec	5/14/2019	Pesticide	EPTC	n/a	=	99	%	EPA 525.2	-88	-88	70	130	
2018/19-5	000NONPJ	matrix spike dup	5/14/2019	Pesticide	EPTC	n/a	=	4.93	µg/L	EPA 525.2	0.017	1			
2018/19-5	000NONPJ	matrix spike dup, rec	5/14/2019	Pesticide	EPTC	n/a	=	99	%	EPA 525.2	-88	-88	70	130	
2018/19-5	000NONPJ	matrix spike, RPD	5/14/2019	Pesticide	EPTC	n/a	=	0.5	%	EPA 525.2	-88	-88	0	30	
2018/19-5	Lab	method blank	5/6/2019	Pesticide	EPTC	n/a	<	0.017	µg/L	EPA 525.2	0.017	1			
2018/19-5	Lab	LCS	5/6/2019	Pesticide	EPTC	n/a	=	4.73	µg/L	EPA 525.2	0.017	1			
2018/19-5	Lab	LCS, rec	5/6/2019	Pesticide	EPTC	n/a	=	95	%	EPA 525.2	-88	-88	70	130	
2018/19-5	Lab	LCS	5/14/2019	Pesticide	EPTC	n/a	=	5	µg/L	EPA 525.2	0.017	1			
2018/19-5	Lab	LCS, rec	5/14/2019	Pesticide	EPTC	n/a	=	100	%	EPA 525.2	-88	-88	70	130	
2018/19-5	Lab	LCS dup	5/14/2019	Pesticide	EPTC	n/a	=	4.62	µg/L	EPA 525.2	0.017	1			
2018/19-5	Lab	LCS dup, rec	5/14/2019	Pesticide	EPTC	n/a	=	92	%	EPA 525.2	-88	-88	70	130	
2018/19-5	Lab	LCS, RPD	5/14/2019	Pesticide	EPTC	n/a	=	8	%	EPA 525.2	-88	-88	0	30	
2018/19-5	Lab	method blank	5/15/2019	Pesticide	EPTC	n/a	<	0.017	µg/L	EPA 525.2	0.017	1			
2018/19-5	Lab	method blank	5/16/2019	Pesticide	EPTC	n/a	<	0.017	µg/L	EPA 525.2	0.017	1			
2018/19-5	Lab	LCS	5/16/2019	Pesticide	EPTC	n/a	=	4.68	µg/L	EPA 525.2	0.017	1			
2018/19-5	Lab	LCS, rec	5/16/2019	Pesticide	EPTC	n/a	=	94	%	EPA 525.2	-88	-88	70	130	
2018/19-5	Lab	LCS dup	5/16/2019	Pesticide	EPTC	n/a	=	4.76	µg/L	EPA 525.2	0.017	1			
2018/19-5	Lab	LCS dup, rec	5/16/2019	Pesticide	EPTC	n/a	=	95	%	EPA 525.2	-88	-88	70	130	
2018/19-5	Lab	LCS, RPD	5/16/2019	Pesticide	EPTC	n/a	=	2	%	EPA 525.2	-88	-88	0	30	
2018/19-5	000NONPJ	matrix spike	5/21/2019	Pesticide	Ethoprop	n/a	=	0.0537	µg/L	EPA 525.2m	0.0067	0.01			
2018/19-5	000NONPJ	matrix spike, rec	5/21/2019	Pesticide	Ethoprop	n/a	=	107	%	EPA 525.2m	-88	-88	51	167	
2018/19-5	000NONPJ	matrix spike dup	5/21/2019	Pesticide	Ethoprop	n/a	=	0.0614	µg/L	EPA 525.2m	0.0067	0.01			
2018/19-5	000NONPJ	matrix spike dup, rec	5/21/2019	Pesticide	Ethoprop	n/a	=	123	%	EPA 525.2m	-88	-88	51	167	
2018/19-5	000NONPJ	matrix spike, RPD	5/21/2019	Pesticide	Ethoprop	n/a	=	13	%	EPA 525.2m	-88	-88	0	30	
2018/19-5	000NONPJ	matrix spike	5/21/2019	Pesticide	Ethoprop	n/a	=	0.0618	µg/L	EPA 525.2m	0.0067	0.01			
2018/19-5	000NONPJ	matrix spike, rec	5/21/2019	Pesticide	Ethoprop	n/a	=	124	%	EPA 525.2m	-88	-88	51	167	
2018/19-5	000NONPJ	matrix spike dup	5/21/2019	Pesticide	Ethoprop	n/a	=	0.0628	µg/L	EPA 525.2m	0.0067	0.01			

Appendix F
Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2018/19-5	000NONPJ	matrix spike dup, rec	5/21/2019	Pesticide	Ethoprop	n/a	=	126	%	EPA 525.2m	-88	-88	51	167	
2018/19-5	000NONPJ	matrix spike, RPD	5/21/2019	Pesticide	Ethoprop	n/a	=	2	%	EPA 525.2m	-88	-88	0	30	
2018/19-5	000NONPJ	matrix spike	6/3/2019	Pesticide	Ethoprop	n/a	=	0.0593	µg/L	EPA 525.2m	0.0067	0.01			
2018/19-5	000NONPJ	matrix spike, rec	6/3/2019	Pesticide	Ethoprop	n/a	=	119	%	EPA 525.2m	-88	-88	51	167	
2018/19-5	000NONPJ	matrix spike dup	6/3/2019	Pesticide	Ethoprop	n/a	=	0.0577	µg/L	EPA 525.2m	0.0067	0.01			
2018/19-5	000NONPJ	matrix spike dup, rec	6/3/2019	Pesticide	Ethoprop	n/a	=	115	%	EPA 525.2m	-88	-88	51	167	
2018/19-5	000NONPJ	matrix spike, RPD	6/3/2019	Pesticide	Ethoprop	n/a	=	3	%	EPA 525.2m	-88	-88	0	30	
2018/19-5	Lab	method blank	5/21/2019	Pesticide	Ethoprop	n/a	<	0.0067	µg/L	EPA 525.2m	0.0067	0.01			
2018/19-5	Lab	LCS	5/21/2019	Pesticide	Ethoprop	n/a	=	0.0537	µg/L	EPA 525.2m	0.0067	0.01			
2018/19-5	Lab	LCS, rec	5/21/2019	Pesticide	Ethoprop	n/a	=	107	%	EPA 525.2m	-88	-88	53	163	
2018/19-5	Lab	method blank	5/21/2019	Pesticide	Ethoprop	n/a	<	0.0067	µg/L	EPA 525.2m	0.0067	0.01			
2018/19-5	Lab	LCS	5/21/2019	Pesticide	Ethoprop	n/a	=	0.0614	µg/L	EPA 525.2m	0.0067	0.01			
2018/19-5	Lab	LCS, rec	5/21/2019	Pesticide	Ethoprop	n/a	=	123	%	EPA 525.2m	-88	-88	53	163	
2018/19-5	Lab	method blank	6/3/2019	Pesticide	Ethoprop	n/a	<	0.0067	µg/L	EPA 525.2m	0.0067	0.01			
2018/19-5	Lab	LCS	6/3/2019	Pesticide	Ethoprop	n/a	=	0.0509	µg/L	EPA 525.2m	0.0067	0.01			
2018/19-5	Lab	LCS, rec	6/3/2019	Pesticide	Ethoprop	n/a	=	102	%	EPA 525.2m	-88	-88	53	163	
2018/19-5	000NONPJ	matrix spike	5/21/2019	Pesticide	Ethyl parathion	n/a	=	0.054	µg/L	EPA 525.2m	0.0054	0.01			
2018/19-5	000NONPJ	matrix spike, rec	5/21/2019	Pesticide	Ethyl parathion	n/a	=	108	%	EPA 525.2m	-88	-88	5	229	
2018/19-5	000NONPJ	matrix spike dup	5/21/2019	Pesticide	Ethyl parathion	n/a	=	0.0597	µg/L	EPA 525.2m	0.0054	0.01			
2018/19-5	000NONPJ	matrix spike dup, rec	5/21/2019	Pesticide	Ethyl parathion	n/a	=	119	%	EPA 525.2m	-88	-88	5	229	
2018/19-5	000NONPJ	matrix spike, RPD	5/21/2019	Pesticide	Ethyl parathion	n/a	=	10	%	EPA 525.2m	-88	-88	0	30	
2018/19-5	000NONPJ	matrix spike	5/21/2019	Pesticide	Ethyl parathion	n/a	=	0.0618	µg/L	EPA 525.2m	0.0054	0.01			
2018/19-5	000NONPJ	matrix spike, rec	5/21/2019	Pesticide	Ethyl parathion	n/a	=	124	%	EPA 525.2m	-88	-88	5	229	
2018/19-5	000NONPJ	matrix spike dup	5/21/2019	Pesticide	Ethyl parathion	n/a	=	0.0701	µg/L	EPA 525.2m	0.0054	0.01			
2018/19-5	000NONPJ	matrix spike dup, rec	5/21/2019	Pesticide	Ethyl parathion	n/a	=	140	%	EPA 525.2m	-88	-88	5	229	
2018/19-5	000NONPJ	matrix spike, RPD	5/21/2019	Pesticide	Ethyl parathion	n/a	=	13	%	EPA 525.2m	-88	-88	0	30	
2018/19-5	000NONPJ	matrix spike	6/3/2019	Pesticide	Ethyl parathion	n/a	=	0.0758	µg/L	EPA 525.2m	0.0054	0.01			
2018/19-5	000NONPJ	matrix spike, rec	6/3/2019	Pesticide	Ethyl parathion	n/a	=	152	%	EPA 525.2m	-88	-88	5	229	
2018/19-5	000NONPJ	matrix spike dup	6/3/2019	Pesticide	Ethyl parathion	n/a	=	0.0802	µg/L	EPA 525.2m	0.0054	0.01			
2018/19-5	000NONPJ	matrix spike dup, rec	6/3/2019	Pesticide	Ethyl parathion	n/a	=	160	%	EPA 525.2m	-88	-88	5	229	
2018/19-5	000NONPJ	matrix spike, RPD	6/3/2019	Pesticide	Ethyl parathion	n/a	=	6	%	EPA 525.2m	-88	-88	0	30	
2018/19-5	Lab	method blank	5/21/2019	Pesticide	Ethyl parathion	n/a	<	0.0054	µg/L	EPA 525.2m	0.0054	0.01			
2018/19-5	Lab	LCS	5/21/2019	Pesticide	Ethyl parathion	n/a	=	0.054	µg/L	EPA 525.2m	0.0054	0.01			
2018/19-5	Lab	LCS, rec	5/21/2019	Pesticide	Ethyl parathion	n/a	=	108	%	EPA 525.2m	-88	-88	7	230	
2018/19-5	Lab	method blank	5/21/2019	Pesticide	Ethyl parathion	n/a	<	0.0054	µg/L	EPA 525.2m	0.0054	0.01			
2018/19-5	Lab	LCS	5/21/2019	Pesticide	Ethyl parathion	n/a	=	0.0573	µg/L	EPA 525.2m	0.0054	0.01			
2018/19-5	Lab	LCS, rec	5/21/2019	Pesticide	Ethyl parathion	n/a	=	115	%	EPA 525.2m	-88	-88	7	230	
2018/19-5	Lab	method blank	6/3/2019	Pesticide	Ethyl parathion	n/a	<	0.0054	µg/L	EPA 525.2m	0.0054	0.01			
2018/19-5	Lab	LCS	6/3/2019	Pesticide	Ethyl parathion	n/a	=	0.0533	µg/L	EPA 525.2m	0.0054	0.01			
2018/19-5	Lab	LCS, rec	6/3/2019	Pesticide	Ethyl parathion	n/a	=	107	%	EPA 525.2m	-88	-88	7	230	
2018/19-5	000NONPJ	matrix spike	5/21/2019	Pesticide	Fensulfothion	n/a	=	0.0374	µg/L	EPA 525.2m	0.0029	0.01			
2018/19-5	000NONPJ	matrix spike, rec	5/21/2019	Pesticide	Fensulfothion	n/a	=	75	%	EPA 525.2m	-88	-88	0.1	316	
2018/19-5	000NONPJ	matrix spike dup	5/21/2019	Pesticide	Fensulfothion	n/a	=	0.0239	µg/L	EPA 525.2m	0.0029	0.01			IL
2018/19-5	000NONPJ	matrix spike dup, rec	5/21/2019	Pesticide	Fensulfothion	n/a	=	48	%	EPA 525.2m	-88	-88	0.1	316	IL
2018/19-5	000NONPJ	matrix spike, RPD	5/21/2019	Pesticide	Fensulfothion	n/a	=	44	%	EPA 525.2m	-88	-88	0	30	IL
2018/19-5	000NONPJ	matrix spike	5/21/2019	Pesticide	Fensulfothion	n/a	=	0.0523	µg/L	EPA 525.2m	0.0029	0.01			
2018/19-5	000NONPJ	matrix spike, rec	5/21/2019	Pesticide	Fensulfothion	n/a	=	105	%	EPA 525.2m	-88	-88	0.1	316	

Appendix F
Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2018/19-5	000NONPJ	matrix spike dup	5/21/2019	Pesticide	Fensulfothion	n/a	=	0.0693	µg/L	EPA 525.2m	0.0029	0.01			
2018/19-5	000NONPJ	matrix spike dup, rec	5/21/2019	Pesticide	Fensulfothion	n/a	=	139	%	EPA 525.2m	-88	-88	0.1	316	
2018/19-5	000NONPJ	matrix spike, RPD	5/21/2019	Pesticide	Fensulfothion	n/a	=	28	%	EPA 525.2m	-88	-88	0	30	
2018/19-5	000NONPJ	matrix spike	6/3/2019	Pesticide	Fensulfothion	n/a	=	0.0464	µg/L	EPA 525.2m	0.0029	0.01			
2018/19-5	000NONPJ	matrix spike, rec	6/3/2019	Pesticide	Fensulfothion	n/a	=	93	%	EPA 525.2m	-88	-88	0.1	316	
2018/19-5	000NONPJ	matrix spike dup	6/3/2019	Pesticide	Fensulfothion	n/a	=	0.0524	µg/L	EPA 525.2m	0.0029	0.01			
2018/19-5	000NONPJ	matrix spike dup, rec	6/3/2019	Pesticide	Fensulfothion	n/a	=	105	%	EPA 525.2m	-88	-88	0.1	316	
2018/19-5	000NONPJ	matrix spike, RPD	6/3/2019	Pesticide	Fensulfothion	n/a	=	12	%	EPA 525.2m	-88	-88	0	30	
2018/19-5	Lab	method blank	5/21/2019	Pesticide	Fensulfothion	n/a	<	0.0029	µg/L	EPA 525.2m	0.0029	0.01			
2018/19-5	Lab	LCS	5/21/2019	Pesticide	Fensulfothion	n/a	=	0.0374	µg/L	EPA 525.2m	0.0029	0.01			
2018/19-5	Lab	LCS, rec	5/21/2019	Pesticide	Fensulfothion	n/a	=	75	%	EPA 525.2m	-88	-88	0.1	265	
2018/19-5	Lab	method blank	5/21/2019	Pesticide	Fensulfothion	n/a	<	0.0029	µg/L	EPA 525.2m	0.0029	0.01			
2018/19-5	Lab	LCS	5/21/2019	Pesticide	Fensulfothion	n/a	=	0.0615	µg/L	EPA 525.2m	0.0029	0.01			
2018/19-5	Lab	LCS, rec	5/21/2019	Pesticide	Fensulfothion	n/a	=	123	%	EPA 525.2m	-88	-88	0.1	265	
2018/19-5	Lab	method blank	6/3/2019	Pesticide	Fensulfothion	n/a	<	0.0029	µg/L	EPA 525.2m	0.0029	0.01			
2018/19-5	Lab	LCS	6/3/2019	Pesticide	Fensulfothion	n/a	=	0.0425	µg/L	EPA 525.2m	0.0029	0.01			
2018/19-5	Lab	LCS, rec	6/3/2019	Pesticide	Fensulfothion	n/a	=	85	%	EPA 525.2m	-88	-88	0.1	265	
2018/19-5	000NONPJ	matrix spike	5/21/2019	Pesticide	Fenthion	n/a	=	0.0464	µg/L	EPA 525.2m	0.0038	0.01			
2018/19-5	000NONPJ	matrix spike, rec	5/21/2019	Pesticide	Fenthion	n/a	=	93	%	EPA 525.2m	-88	-88	23	169	
2018/19-5	000NONPJ	matrix spike dup	5/21/2019	Pesticide	Fenthion	n/a	=	0.0552	µg/L	EPA 525.2m	0.0038	0.01			
2018/19-5	000NONPJ	matrix spike dup, rec	5/21/2019	Pesticide	Fenthion	n/a	=	110	%	EPA 525.2m	-88	-88	23	169	
2018/19-5	000NONPJ	matrix spike, RPD	5/21/2019	Pesticide	Fenthion	n/a	=	17	%	EPA 525.2m	-88	-88	0	30	
2018/19-5	000NONPJ	matrix spike	5/21/2019	Pesticide	Fenthion	n/a	=	0.0584	µg/L	EPA 525.2m	0.0038	0.01			
2018/19-5	000NONPJ	matrix spike, rec	5/21/2019	Pesticide	Fenthion	n/a	=	117	%	EPA 525.2m	-88	-88	23	169	
2018/19-5	000NONPJ	matrix spike dup	5/21/2019	Pesticide	Fenthion	n/a	=	0.0653	µg/L	EPA 525.2m	0.0038	0.01			
2018/19-5	000NONPJ	matrix spike dup, rec	5/21/2019	Pesticide	Fenthion	n/a	=	131	%	EPA 525.2m	-88	-88	23	169	
2018/19-5	000NONPJ	matrix spike, RPD	5/21/2019	Pesticide	Fenthion	n/a	=	11	%	EPA 525.2m	-88	-88	0	30	
2018/19-5	000NONPJ	matrix spike	6/3/2019	Pesticide	Fenthion	n/a	=	0.0727	µg/L	EPA 525.2m	0.0038	0.01			
2018/19-5	000NONPJ	matrix spike, rec	6/3/2019	Pesticide	Fenthion	n/a	=	145	%	EPA 525.2m	-88	-88	23	169	
2018/19-5	000NONPJ	matrix spike dup	6/3/2019	Pesticide	Fenthion	n/a	=	0.0751	µg/L	EPA 525.2m	0.0038	0.01			
2018/19-5	000NONPJ	matrix spike dup, rec	6/3/2019	Pesticide	Fenthion	n/a	=	150	%	EPA 525.2m	-88	-88	23	169	
2018/19-5	000NONPJ	matrix spike, RPD	6/3/2019	Pesticide	Fenthion	n/a	=	3	%	EPA 525.2m	-88	-88	0	30	
2018/19-5	Lab	method blank	5/21/2019	Pesticide	Fenthion	n/a	<	0.0038	µg/L	EPA 525.2m	0.0038	0.01			
2018/19-5	Lab	LCS	5/21/2019	Pesticide	Fenthion	n/a	=	0.0464	µg/L	EPA 525.2m	0.0038	0.01			
2018/19-5	Lab	LCS, rec	5/21/2019	Pesticide	Fenthion	n/a	=	93	%	EPA 525.2m	-88	-88	20	177	
2018/19-5	Lab	method blank	5/21/2019	Pesticide	Fenthion	n/a	<	0.0038	µg/L	EPA 525.2m	0.0038	0.01			
2018/19-5	Lab	LCS	5/21/2019	Pesticide	Fenthion	n/a	=	0.0486	µg/L	EPA 525.2m	0.0038	0.01			
2018/19-5	Lab	LCS, rec	5/21/2019	Pesticide	Fenthion	n/a	=	97	%	EPA 525.2m	-88	-88	20	177	
2018/19-5	Lab	method blank	6/3/2019	Pesticide	Fenthion	n/a	<	0.0038	µg/L	EPA 525.2m	0.0038	0.01			
2018/19-5	Lab	LCS	6/3/2019	Pesticide	Fenthion	n/a	=	0.0462	µg/L	EPA 525.2m	0.0038	0.01			
2018/19-5	Lab	LCS, rec	6/3/2019	Pesticide	Fenthion	n/a	=	92	%	EPA 525.2m	-88	-88	20	177	
2018/19-5	000NONPJ	matrix spike	5/13/2019	Pesticide	gamma-BHC (Lindane)	n/a	=	0.0684	µg/L	EPA 608	0.0021	0.02			
2018/19-5	000NONPJ	matrix spike, rec	5/13/2019	Pesticide	gamma-BHC (Lindane)	n/a	=	68	%	EPA 608	-88	-88	33	112	
2018/19-5	000NONPJ	matrix spike dup	5/13/2019	Pesticide	gamma-BHC (Lindane)	n/a	=	0.0547	µg/L	EPA 608	0.0021	0.02			
2018/19-5	000NONPJ	matrix spike dup, rec	5/13/2019	Pesticide	gamma-BHC (Lindane)	n/a	=	55	%	EPA 608	-88	-88	33	112	
2018/19-5	000NONPJ	matrix spike, RPD	5/13/2019	Pesticide	gamma-BHC (Lindane)	n/a	=	22	%	EPA 608	-88	-88	0	30	
2018/19-5	000NONPJ	matrix spike	5/13/2019	Pesticide	gamma-BHC (Lindane)	n/a	=	0.364	µg/L	EPA 608	0.01	0.1			

Appendix F
Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2018/19-5	000NONPJ	matrix spike, rec	5/13/2019	Pesticide	gamma-BHC (Lindane)	n/a	=	73	%	EPA 608	-88	-88	33	112	
2018/19-5	000NONPJ	matrix spike dup	5/13/2019	Pesticide	gamma-BHC (Lindane)	n/a	=	0.357	µg/L	EPA 608	0.01	0.1			
2018/19-5	000NONPJ	matrix spike dup, rec	5/13/2019	Pesticide	gamma-BHC (Lindane)	n/a	=	71	%	EPA 608	-88	-88	33	112	
2018/19-5	000NONPJ	matrix spike, RPD	5/13/2019	Pesticide	gamma-BHC (Lindane)	n/a	=	2	%	EPA 608	-88	-88	0	30	
2018/19-5	000NONPJ	matrix spike	5/14/2019	Pesticide	gamma-BHC (Lindane)	n/a	DNQ	0.0874	µg/L	EPA 608	0.021	0.2			
2018/19-5	000NONPJ	matrix spike, rec	5/14/2019	Pesticide	gamma-BHC (Lindane)	n/a	=	87	%	EPA 608	-88	-88	33	112	
2018/19-5	000NONPJ	matrix spike dup	5/14/2019	Pesticide	gamma-BHC (Lindane)	n/a	DNQ	0.0857	µg/L	EPA 608	0.021	0.2			
2018/19-5	000NONPJ	matrix spike dup, rec	5/14/2019	Pesticide	gamma-BHC (Lindane)	n/a	=	86	%	EPA 608	-88	-88	33	112	
2018/19-5	000NONPJ	matrix spike, RPD	5/14/2019	Pesticide	gamma-BHC (Lindane)	n/a	=	2	%	EPA 608	-88	-88	0	30	
2018/19-5	000NONPJ	matrix spike	5/14/2019	Pesticide	gamma-BHC (Lindane)	n/a	=	0.364	µg/L	EPA 608	0.01	0.1			
2018/19-5	000NONPJ	matrix spike, rec	5/14/2019	Pesticide	gamma-BHC (Lindane)	n/a	=	73	%	EPA 608	-88	-88	33	112	
2018/19-5	000NONPJ	matrix spike dup	5/14/2019	Pesticide	gamma-BHC (Lindane)	n/a	=	0.321	µg/L	EPA 608	0.01	0.1			
2018/19-5	000NONPJ	matrix spike dup, rec	5/14/2019	Pesticide	gamma-BHC (Lindane)	n/a	=	64	%	EPA 608	-88	-88	33	112	
2018/19-5	000NONPJ	matrix spike, RPD	5/14/2019	Pesticide	gamma-BHC (Lindane)	n/a	=	13	%	EPA 608	-88	-88	0	30	
2018/19-5	Lab	method blank	5/10/2019	Pesticide	gamma-BHC (Lindane)	n/a	<	0.0021	µg/L	EPA 608	0.0021	0.02			
2018/19-5	Lab	LCS	5/10/2019	Pesticide	gamma-BHC (Lindane)	n/a	=	0.089	µg/L	EPA 608	0.0021	0.02			
2018/19-5	Lab	LCS, rec	5/10/2019	Pesticide	gamma-BHC (Lindane)	n/a	=	89	%	EPA 608	-88	-88	49	117	
2018/19-5	Lab	LCS dup	5/10/2019	Pesticide	gamma-BHC (Lindane)	n/a	=	0.0917	µg/L	EPA 608	0.0021	0.02			
2018/19-5	Lab	LCS dup, rec	5/10/2019	Pesticide	gamma-BHC (Lindane)	n/a	=	92	%	EPA 608	-88	-88	49	117	
2018/19-5	Lab	LCS, RPD	5/10/2019	Pesticide	gamma-BHC (Lindane)	n/a	=	3	%	EPA 608	-88	-88	0	30	
2018/19-5	Lab	method blank	5/13/2019	Pesticide	gamma-BHC (Lindane)	n/a	<	0.0021	µg/L	EPA 608	0.0021	0.02			
2018/19-5	Lab	LCS	5/13/2019	Pesticide	gamma-BHC (Lindane)	n/a	=	0.0892	µg/L	EPA 608	0.0021	0.02			
2018/19-5	Lab	LCS, rec	5/13/2019	Pesticide	gamma-BHC (Lindane)	n/a	=	89	%	EPA 608	-88	-88	49	117	
2018/19-5	Lab	method blank	5/14/2019	Pesticide	gamma-BHC (Lindane)	n/a	<	0.0021	µg/L	EPA 608	0.0021	0.02			
2018/19-5	Lab	LCS	5/14/2019	Pesticide	gamma-BHC (Lindane)	n/a	=	0.0927	µg/L	EPA 608	0.0021	0.02			
2018/19-5	Lab	LCS, rec	5/14/2019	Pesticide	gamma-BHC (Lindane)	n/a	=	93	%	EPA 608	-88	-88	49	117	
2018/19-5	Lab	method blank	5/17/2019	Pesticide	gamma-BHC (Lindane)	n/a	<	0.0021	µg/L	EPA 608	0.0021	0.02			
2018/19-5	Lab	LCS	5/17/2019	Pesticide	gamma-BHC (Lindane)	n/a	=	0.109	µg/L	EPA 608	0.0021	0.02			
2018/19-5	Lab	LCS, rec	5/17/2019	Pesticide	gamma-BHC (Lindane)	n/a	=	109	%	EPA 608	-88	-88	49	117	
2018/19-5	Lab	LCS dup	5/17/2019	Pesticide	gamma-BHC (Lindane)	n/a	=	0.118	µg/L	EPA 608	0.0021	0.02			EUM
2018/19-5	Lab	LCS dup, rec	5/17/2019	Pesticide	gamma-BHC (Lindane)	n/a	=	118	%	EPA 608	-88	-88	49	117	EUM
2018/19-5	Lab	LCS, RPD	5/17/2019	Pesticide	gamma-BHC (Lindane)	n/a	=	8	%	EPA 608	-88	-88	0	30	EUM
2018/19-5	Lab	method blank	5/21/2019	Pesticide	gamma-BHC (Lindane)	n/a	<	0.0021	µg/L	EPA 608	0.0021	0.02			
2018/19-5	Lab	LCS	5/21/2019	Pesticide	gamma-BHC (Lindane)	n/a	=	0.11	µg/L	EPA 608	0.0021	0.02			
2018/19-5	Lab	LCS, rec	5/21/2019	Pesticide	gamma-BHC (Lindane)	n/a	=	110	%	EPA 608	-88	-88	49	117	
2018/19-5	Lab	LCS dup	5/21/2019	Pesticide	gamma-BHC (Lindane)	n/a	=	0.105	µg/L	EPA 608	0.0021	0.02			
2018/19-5	Lab	LCS dup, rec	5/21/2019	Pesticide	gamma-BHC (Lindane)	n/a	=	105	%	EPA 608	-88	-88	49	117	
2018/19-5	Lab	LCS, RPD	5/21/2019	Pesticide	gamma-BHC (Lindane)	n/a	=	5	%	EPA 608	-88	-88	0	30	
2018/19-5	000NONPJ	matrix spike	5/9/2019	Pesticide	Glyphosate	n/a	=	28.6	µg/L	EPA 547	1.8	5			
2018/19-5	000NONPJ	matrix spike, rec	5/9/2019	Pesticide	Glyphosate	n/a	=	114	%	EPA 547	-88	-88	41	149	
2018/19-5	000NONPJ	matrix spike dup	5/9/2019	Pesticide	Glyphosate	n/a	=	27.9	µg/L	EPA 547	1.8	5			
2018/19-5	000NONPJ	matrix spike dup, rec	5/9/2019	Pesticide	Glyphosate	n/a	=	112	%	EPA 547	-88	-88	41	149	
2018/19-5	000NONPJ	matrix spike, RPD	5/9/2019	Pesticide	Glyphosate	n/a	=	2	%	EPA 547	-88	-88	0	30	
2018/19-5	000NONPJ	matrix spike	5/9/2019	Pesticide	Glyphosate	n/a	=	31.9	µg/L	EPA 547	1.8	5			
2018/19-5	000NONPJ	matrix spike, rec	5/9/2019	Pesticide	Glyphosate	n/a	=	128	%	EPA 547	-88	-88	41	149	
2018/19-5	000NONPJ	matrix spike dup	5/9/2019	Pesticide	Glyphosate	n/a	=	29.8	µg/L	EPA 547	1.8	5			
2018/19-5	000NONPJ	matrix spike dup, rec	5/9/2019	Pesticide	Glyphosate	n/a	=	119	%	EPA 547	-88	-88	41	149	

Appendix F
Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2018/19-5	000NONPJ	matrix spike, RPD	5/9/2019	Pesticide	Glyphosate	n/a	=	7	%	EPA 547	-88	-88	0	30	
2018/19-5	000NONPJ	matrix spike	5/15/2019	Pesticide	Glyphosate	n/a	=	19	µg/L	EPA 547	1.8	5			
2018/19-5	000NONPJ	matrix spike, rec	5/15/2019	Pesticide	Glyphosate	n/a	=	76	%	EPA 547	-88	-88	41	149	
2018/19-5	000NONPJ	matrix spike dup	5/15/2019	Pesticide	Glyphosate	n/a	=	17.1	µg/L	EPA 547	1.8	5			
2018/19-5	000NONPJ	matrix spike dup, rec	5/15/2019	Pesticide	Glyphosate	n/a	=	69	%	EPA 547	-88	-88	41	149	
2018/19-5	000NONPJ	matrix spike, RPD	5/15/2019	Pesticide	Glyphosate	n/a	=	10	%	EPA 547	-88	-88	0	30	
2018/19-5	000NONPJ	matrix spike	5/15/2019	Pesticide	Glyphosate	n/a	=	18	µg/L	EPA 547	1.8	5			
2018/19-5	000NONPJ	matrix spike, rec	5/15/2019	Pesticide	Glyphosate	n/a	=	72	%	EPA 547	-88	-88	41	149	
2018/19-5	000NONPJ	matrix spike dup	5/15/2019	Pesticide	Glyphosate	n/a	=	17.7	µg/L	EPA 547	1.8	5			
2018/19-5	000NONPJ	matrix spike dup, rec	5/15/2019	Pesticide	Glyphosate	n/a	=	71	%	EPA 547	-88	-88	41	149	
2018/19-5	000NONPJ	matrix spike, RPD	5/15/2019	Pesticide	Glyphosate	n/a	=	1	%	EPA 547	-88	-88	0	30	
2018/19-5	Lab	method blank	5/9/2019	Pesticide	Glyphosate	n/a	<	1.8	µg/L	EPA 547	1.8	5			
2018/19-5	Lab	LCS	5/9/2019	Pesticide	Glyphosate	n/a	=	29.3	µg/L	EPA 547	1.8	5			
2018/19-5	Lab	LCS, rec	5/9/2019	Pesticide	Glyphosate	n/a	=	117	%	EPA 547	-88	-88	70	130	
2018/19-5	Lab	method blank	5/15/2019	Pesticide	Glyphosate	n/a	<	1.8	µg/L	EPA 547	1.8	5			
2018/19-5	Lab	LCS	5/15/2019	Pesticide	Glyphosate	n/a	=	20.5	µg/L	EPA 547	1.8	5			
2018/19-5	Lab	LCS, rec	5/15/2019	Pesticide	Glyphosate	n/a	=	82	%	EPA 547	-88	-88	70	130	
2018/19-5	000NONPJ	matrix spike	5/13/2019	Pesticide	Heptachlor	n/a	=	0.0729	µg/L	EPA 608	0.0017	0.01			
2018/19-5	000NONPJ	matrix spike, rec	5/13/2019	Pesticide	Heptachlor	n/a	=	73	%	EPA 608	-88	-88	28	131	
2018/19-5	000NONPJ	matrix spike dup	5/13/2019	Pesticide	Heptachlor	n/a	=	0.0639	µg/L	EPA 608	0.0017	0.01			
2018/19-5	000NONPJ	matrix spike dup, rec	5/13/2019	Pesticide	Heptachlor	n/a	=	64	%	EPA 608	-88	-88	28	131	
2018/19-5	000NONPJ	matrix spike, RPD	5/13/2019	Pesticide	Heptachlor	n/a	=	13	%	EPA 608	-88	-88	0	30	
2018/19-5	000NONPJ	matrix spike	5/13/2019	Pesticide	Heptachlor	n/a	=	0.395	µg/L	EPA 608	0.0085	0.05			
2018/19-5	000NONPJ	matrix spike, rec	5/13/2019	Pesticide	Heptachlor	n/a	=	79	%	EPA 608	-88	-88	28	131	
2018/19-5	000NONPJ	matrix spike dup	5/13/2019	Pesticide	Heptachlor	n/a	=	0.399	µg/L	EPA 608	0.0085	0.05			
2018/19-5	000NONPJ	matrix spike dup, rec	5/13/2019	Pesticide	Heptachlor	n/a	=	80	%	EPA 608	-88	-88	28	131	
2018/19-5	000NONPJ	matrix spike, RPD	5/13/2019	Pesticide	Heptachlor	n/a	=	0.8	%	EPA 608	-88	-88	0	30	
2018/19-5	000NONPJ	matrix spike	5/14/2019	Pesticide	Heptachlor	n/a	DNQ	0.0863	µg/L	EPA 608	0.017	0.1			
2018/19-5	000NONPJ	matrix spike, rec	5/14/2019	Pesticide	Heptachlor	n/a	=	86	%	EPA 608	-88	-88	28	131	
2018/19-5	000NONPJ	matrix spike dup	5/14/2019	Pesticide	Heptachlor	n/a	DNQ	0.0861	µg/L	EPA 608	0.017	0.1			
2018/19-5	000NONPJ	matrix spike dup, rec	5/14/2019	Pesticide	Heptachlor	n/a	=	86	%	EPA 608	-88	-88	28	131	
2018/19-5	000NONPJ	matrix spike, RPD	5/14/2019	Pesticide	Heptachlor	n/a	=	0.2	%	EPA 608	-88	-88	0	30	
2018/19-5	000NONPJ	matrix spike	5/14/2019	Pesticide	Heptachlor	n/a	=	0.395	µg/L	EPA 608	0.0085	0.05			
2018/19-5	000NONPJ	matrix spike, rec	5/14/2019	Pesticide	Heptachlor	n/a	=	79	%	EPA 608	-88	-88	28	131	
2018/19-5	000NONPJ	matrix spike dup	5/14/2019	Pesticide	Heptachlor	n/a	=	0.367	µg/L	EPA 608	0.0085	0.05			
2018/19-5	000NONPJ	matrix spike dup, rec	5/14/2019	Pesticide	Heptachlor	n/a	=	73	%	EPA 608	-88	-88	28	131	
2018/19-5	000NONPJ	matrix spike, RPD	5/14/2019	Pesticide	Heptachlor	n/a	=	7	%	EPA 608	-88	-88	0	30	
2018/19-5	Lab	method blank	5/10/2019	Pesticide	Heptachlor	n/a	<	0.0017	µg/L	EPA 608	0.0017	0.01			
2018/19-5	Lab	LCS	5/10/2019	Pesticide	Heptachlor	n/a	=	0.0865	µg/L	EPA 608	0.0017	0.01			
2018/19-5	Lab	LCS, rec	5/10/2019	Pesticide	Heptachlor	n/a	=	86	%	EPA 608	-88	-88	31	130	
2018/19-5	Lab	LCS dup	5/10/2019	Pesticide	Heptachlor	n/a	=	0.0882	µg/L	EPA 608	0.0017	0.01			
2018/19-5	Lab	LCS dup, rec	5/10/2019	Pesticide	Heptachlor	n/a	=	88	%	EPA 608	-88	-88	31	130	
2018/19-5	Lab	LCS, RPD	5/10/2019	Pesticide	Heptachlor	n/a	=	2	%	EPA 608	-88	-88	0	30	
2018/19-5	Lab	method blank	5/13/2019	Pesticide	Heptachlor	n/a	<	0.0017	µg/L	EPA 608	0.0017	0.01			
2018/19-5	Lab	LCS	5/13/2019	Pesticide	Heptachlor	n/a	=	0.0853	µg/L	EPA 608	0.0017	0.01			
2018/19-5	Lab	LCS, rec	5/13/2019	Pesticide	Heptachlor	n/a	=	85	%	EPA 608	-88	-88	31	130	
2018/19-5	Lab	method blank	5/14/2019	Pesticide	Heptachlor	n/a	<	0.0017	µg/L	EPA 608	0.0017	0.01			

Appendix F
Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2018/19-5	Lab	LCS	5/14/2019	Pesticide	Heptachlor	n/a	=	0.0904	µg/L	EPA 608	0.0017	0.01			
2018/19-5	Lab	LCS, rec	5/14/2019	Pesticide	Heptachlor	n/a	=	90	%	EPA 608	-88	-88	31	130	
2018/19-5	Lab	method blank	5/17/2019	Pesticide	Heptachlor	n/a	<	0.0017	µg/L	EPA 608	0.0017	0.01			
2018/19-5	Lab	LCS	5/17/2019	Pesticide	Heptachlor	n/a	=	0.108	µg/L	EPA 608	0.0017	0.01			
2018/19-5	Lab	LCS, rec	5/17/2019	Pesticide	Heptachlor	n/a	=	108	%	EPA 608	-88	-88	31	130	
2018/19-5	Lab	LCS dup	5/17/2019	Pesticide	Heptachlor	n/a	=	0.117	µg/L	EPA 608	0.0017	0.01			
2018/19-5	Lab	LCS dup, rec	5/17/2019	Pesticide	Heptachlor	n/a	=	117	%	EPA 608	-88	-88	31	130	
2018/19-5	Lab	LCS, RPD	5/17/2019	Pesticide	Heptachlor	n/a	=	8	%	EPA 608	-88	-88	0	30	
2018/19-5	Lab	method blank	5/21/2019	Pesticide	Heptachlor	n/a	<	0.0017	µg/L	EPA 608	0.0017	0.01			
2018/19-5	Lab	LCS	5/21/2019	Pesticide	Heptachlor	n/a	=	0.117	µg/L	EPA 608	0.0017	0.01			EUM
2018/19-5	Lab	LCS, rec	5/21/2019	Pesticide	Heptachlor	n/a	=	117	%	EPA 608	-88	-88	34	111	EUM
2018/19-5	Lab	LCS dup	5/21/2019	Pesticide	Heptachlor	n/a	=	0.112	µg/L	EPA 608	0.0017	0.01			EUM
2018/19-5	Lab	LCS dup, rec	5/21/2019	Pesticide	Heptachlor	n/a	=	112	%	EPA 608	-88	-88	34	111	EUM
2018/19-5	Lab	LCS, RPD	5/21/2019	Pesticide	Heptachlor	n/a	=	4	%	EPA 608	-88	-88	0	30	EUM
2018/19-5	000NONPJ	matrix spike	5/13/2019	Pesticide	Heptachlor epoxide	n/a	=	0.0694	µg/L	EPA 608	0.0019	0.01			
2018/19-5	000NONPJ	matrix spike, rec	5/13/2019	Pesticide	Heptachlor epoxide	n/a	=	69	%	EPA 608	-88	-88	36	117	
2018/19-5	000NONPJ	matrix spike dup	5/13/2019	Pesticide	Heptachlor epoxide	n/a	=	0.0648	µg/L	EPA 608	0.0019	0.01			
2018/19-5	000NONPJ	matrix spike dup, rec	5/13/2019	Pesticide	Heptachlor epoxide	n/a	=	65	%	EPA 608	-88	-88	36	117	
2018/19-5	000NONPJ	matrix spike, RPD	5/13/2019	Pesticide	Heptachlor epoxide	n/a	=	7	%	EPA 608	-88	-88	0	30	
2018/19-5	000NONPJ	matrix spike	5/13/2019	Pesticide	Heptachlor epoxide	n/a	=	0.31	µg/L	EPA 608	0.0095	0.05			
2018/19-5	000NONPJ	matrix spike, rec	5/13/2019	Pesticide	Heptachlor epoxide	n/a	=	62	%	EPA 608	-88	-88	36	117	
2018/19-5	000NONPJ	matrix spike dup	5/13/2019	Pesticide	Heptachlor epoxide	n/a	=	0.316	µg/L	EPA 608	0.0095	0.05			
2018/19-5	000NONPJ	matrix spike dup, rec	5/13/2019	Pesticide	Heptachlor epoxide	n/a	=	63	%	EPA 608	-88	-88	36	117	
2018/19-5	000NONPJ	matrix spike, RPD	5/13/2019	Pesticide	Heptachlor epoxide	n/a	=	2	%	EPA 608	-88	-88	0	30	
2018/19-5	000NONPJ	matrix spike	5/14/2019	Pesticide	Heptachlor epoxide	n/a	DNQ	0.0656	µg/L	EPA 608	0.019	0.1			
2018/19-5	000NONPJ	matrix spike, rec	5/14/2019	Pesticide	Heptachlor epoxide	n/a	=	66	%	EPA 608	-88	-88	36	117	
2018/19-5	000NONPJ	matrix spike dup	5/14/2019	Pesticide	Heptachlor epoxide	n/a	DNQ	0.0669	µg/L	EPA 608	0.019	0.1			
2018/19-5	000NONPJ	matrix spike dup, rec	5/14/2019	Pesticide	Heptachlor epoxide	n/a	=	67	%	EPA 608	-88	-88	36	117	
2018/19-5	000NONPJ	matrix spike, RPD	5/14/2019	Pesticide	Heptachlor epoxide	n/a	=	2	%	EPA 608	-88	-88	0	30	
2018/19-5	000NONPJ	matrix spike	5/14/2019	Pesticide	Heptachlor epoxide	n/a	=	0.377	µg/L	EPA 608	0.0095	0.05			
2018/19-5	000NONPJ	matrix spike, rec	5/14/2019	Pesticide	Heptachlor epoxide	n/a	=	75	%	EPA 608	-88	-88	36	117	
2018/19-5	000NONPJ	matrix spike dup	5/14/2019	Pesticide	Heptachlor epoxide	n/a	=	0.346	µg/L	EPA 608	0.0095	0.05			
2018/19-5	000NONPJ	matrix spike dup, rec	5/14/2019	Pesticide	Heptachlor epoxide	n/a	=	69	%	EPA 608	-88	-88	36	117	
2018/19-5	000NONPJ	matrix spike, RPD	5/14/2019	Pesticide	Heptachlor epoxide	n/a	=	8	%	EPA 608	-88	-88	0	30	
2018/19-5	Lab	method blank	5/10/2019	Pesticide	Heptachlor epoxide	n/a	<	0.0019	µg/L	EPA 608	0.0019	0.01			
2018/19-5	Lab	LCS	5/10/2019	Pesticide	Heptachlor epoxide	n/a	=	0.0895	µg/L	EPA 608	0.0019	0.01			
2018/19-5	Lab	LCS, rec	5/10/2019	Pesticide	Heptachlor epoxide	n/a	=	90	%	EPA 608	-88	-88	49	122	
2018/19-5	Lab	LCS dup	5/10/2019	Pesticide	Heptachlor epoxide	n/a	=	0.0917	µg/L	EPA 608	0.0019	0.01			
2018/19-5	Lab	LCS dup, rec	5/10/2019	Pesticide	Heptachlor epoxide	n/a	=	92	%	EPA 608	-88	-88	49	122	
2018/19-5	Lab	LCS, RPD	5/10/2019	Pesticide	Heptachlor epoxide	n/a	=	2	%	EPA 608	-88	-88	0	30	
2018/19-5	Lab	method blank	5/13/2019	Pesticide	Heptachlor epoxide	n/a	<	0.0019	µg/L	EPA 608	0.0019	0.01			
2018/19-5	Lab	LCS	5/13/2019	Pesticide	Heptachlor epoxide	n/a	=	0.0887	µg/L	EPA 608	0.0019	0.01			
2018/19-5	Lab	LCS, rec	5/13/2019	Pesticide	Heptachlor epoxide	n/a	=	89	%	EPA 608	-88	-88	49	122	
2018/19-5	Lab	method blank	5/14/2019	Pesticide	Heptachlor epoxide	n/a	<	0.0019	µg/L	EPA 608	0.0019	0.01			
2018/19-5	Lab	LCS	5/14/2019	Pesticide	Heptachlor epoxide	n/a	=	0.0936	µg/L	EPA 608	0.0019	0.01			
2018/19-5	Lab	LCS, rec	5/14/2019	Pesticide	Heptachlor epoxide	n/a	=	94	%	EPA 608	-88	-88	49	122	
2018/19-5	Lab	method blank	5/17/2019	Pesticide	Heptachlor epoxide	n/a	<	0.0019	µg/L	EPA 608	0.0019	0.01			

Appendix F
Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2018/19-5	Lab	LCS	5/17/2019	Pesticide	Heptachlor epoxide	n/a	=	0.108	µg/L	EPA 608	0.0019	0.01			
2018/19-5	Lab	LCS, rec	5/17/2019	Pesticide	Heptachlor epoxide	n/a	=	108	%	EPA 608	-88	-88	49	122	
2018/19-5	Lab	LCS dup	5/17/2019	Pesticide	Heptachlor epoxide	n/a	=	0.117	µg/L	EPA 608	0.0019	0.01			
2018/19-5	Lab	LCS dup, rec	5/17/2019	Pesticide	Heptachlor epoxide	n/a	=	117	%	EPA 608	-88	-88	49	122	
2018/19-5	Lab	LCS, RPD	5/17/2019	Pesticide	Heptachlor epoxide	n/a	=	8	%	EPA 608	-88	-88	0	30	
2018/19-5	Lab	method blank	5/21/2019	Pesticide	Heptachlor epoxide	n/a	<	0.0019	µg/L	EPA 608	0.0019	0.01			
2018/19-5	Lab	LCS	5/21/2019	Pesticide	Heptachlor epoxide	n/a	=	0.109	µg/L	EPA 608	0.0019	0.01			
2018/19-5	Lab	LCS, rec	5/21/2019	Pesticide	Heptachlor epoxide	n/a	=	109	%	EPA 608	-88	-88	49	122	
2018/19-5	Lab	LCS dup	5/21/2019	Pesticide	Heptachlor epoxide	n/a	=	0.104	µg/L	EPA 608	0.0019	0.01			
2018/19-5	Lab	LCS dup, rec	5/21/2019	Pesticide	Heptachlor epoxide	n/a	=	104	%	EPA 608	-88	-88	49	122	
2018/19-5	Lab	LCS, RPD	5/21/2019	Pesticide	Heptachlor epoxide	n/a	=	4	%	EPA 608	-88	-88	0	30	
2018/19-5	000NONPJ	matrix spike	5/21/2019	Pesticide	Malathion	n/a	=	0.0544	µg/L	EPA 525.2m	0.0076	0.01			
2018/19-5	000NONPJ	matrix spike, rec	5/21/2019	Pesticide	Malathion	n/a	=	109	%	EPA 525.2m	-88	-88	6	184	
2018/19-5	000NONPJ	matrix spike dup	5/21/2019	Pesticide	Malathion	n/a	=	0.0609	µg/L	EPA 525.2m	0.0076	0.01			
2018/19-5	000NONPJ	matrix spike dup, rec	5/21/2019	Pesticide	Malathion	n/a	=	122	%	EPA 525.2m	-88	-88	6	184	
2018/19-5	000NONPJ	matrix spike, RPD	5/21/2019	Pesticide	Malathion	n/a	=	11	%	EPA 525.2m	-88	-88	0	30	
2018/19-5	000NONPJ	matrix spike	5/21/2019	Pesticide	Malathion	n/a	=	0.0687	µg/L	EPA 525.2m	0.0076	0.01			
2018/19-5	000NONPJ	matrix spike, rec	5/21/2019	Pesticide	Malathion	n/a	=	137	%	EPA 525.2m	-88	-88	6	184	
2018/19-5	000NONPJ	matrix spike dup	5/21/2019	Pesticide	Malathion	n/a	=	0.0766	µg/L	EPA 525.2m	0.0076	0.01			
2018/19-5	000NONPJ	matrix spike dup, rec	5/21/2019	Pesticide	Malathion	n/a	=	153	%	EPA 525.2m	-88	-88	6	184	
2018/19-5	000NONPJ	matrix spike, RPD	5/21/2019	Pesticide	Malathion	n/a	=	11	%	EPA 525.2m	-88	-88	0	30	
2018/19-5	000NONPJ	matrix spike	6/3/2019	Pesticide	Malathion	n/a	=	0.0815	µg/L	EPA 525.2m	0.0076	0.01			
2018/19-5	000NONPJ	matrix spike, rec	6/3/2019	Pesticide	Malathion	n/a	=	163	%	EPA 525.2m	-88	-88	6	184	
2018/19-5	000NONPJ	matrix spike dup	6/3/2019	Pesticide	Malathion	n/a	=	0.0831	µg/L	EPA 525.2m	0.0076	0.01			
2018/19-5	000NONPJ	matrix spike dup, rec	6/3/2019	Pesticide	Malathion	n/a	=	166	%	EPA 525.2m	-88	-88	6	184	
2018/19-5	000NONPJ	matrix spike, RPD	6/3/2019	Pesticide	Malathion	n/a	=	2	%	EPA 525.2m	-88	-88	0	30	
2018/19-5	Lab	method blank	5/21/2019	Pesticide	Malathion	n/a	<	0.0076	µg/L	EPA 525.2m	0.0076	0.01			
2018/19-5	Lab	LCS	5/21/2019	Pesticide	Malathion	n/a	=	0.0544	µg/L	EPA 525.2m	0.0076	0.01			
2018/19-5	Lab	LCS, rec	5/21/2019	Pesticide	Malathion	n/a	=	109	%	EPA 525.2m	-88	-88	14	175	
2018/19-5	Lab	method blank	5/21/2019	Pesticide	Malathion	n/a	<	0.0076	µg/L	EPA 525.2m	0.0076	0.01			
2018/19-5	Lab	LCS	5/21/2019	Pesticide	Malathion	n/a	=	0.0636	µg/L	EPA 525.2m	0.0076	0.01			
2018/19-5	Lab	LCS, rec	5/21/2019	Pesticide	Malathion	n/a	=	127	%	EPA 525.2m	-88	-88	14	175	
2018/19-5	Lab	method blank	6/3/2019	Pesticide	Malathion	n/a	<	0.0076	µg/L	EPA 525.2m	0.0076	0.01			
2018/19-5	Lab	LCS	6/3/2019	Pesticide	Malathion	n/a	=	0.0514	µg/L	EPA 525.2m	0.0076	0.01			
2018/19-5	Lab	LCS, rec	6/3/2019	Pesticide	Malathion	n/a	=	103	%	EPA 525.2m	-88	-88	14	175	
2018/19-5	000NONPJ	matrix spike	5/21/2019	Pesticide	Merphos	n/a	=	0.0707	µg/L	EPA 525.2m	0.0058	0.01			
2018/19-5	000NONPJ	matrix spike, rec	5/21/2019	Pesticide	Merphos	n/a	=	141	%	EPA 525.2m	-88	-88	3	210	
2018/19-5	000NONPJ	matrix spike dup	5/21/2019	Pesticide	Merphos	n/a	=	0.0673	µg/L	EPA 525.2m	0.0058	0.01			
2018/19-5	000NONPJ	matrix spike dup, rec	5/21/2019	Pesticide	Merphos	n/a	=	135	%	EPA 525.2m	-88	-88	3	210	
2018/19-5	000NONPJ	matrix spike, RPD	5/21/2019	Pesticide	Merphos	n/a	=	5	%	EPA 525.2m	-88	-88	0	30	
2018/19-5	000NONPJ	matrix spike	5/21/2019	Pesticide	Merphos	n/a	=	0.074	µg/L	EPA 525.2m	0.0058	0.01			
2018/19-5	000NONPJ	matrix spike, rec	5/21/2019	Pesticide	Merphos	n/a	=	148	%	EPA 525.2m	-88	-88	3	210	
2018/19-5	000NONPJ	matrix spike dup	5/21/2019	Pesticide	Merphos	n/a	=	0.0984	µg/L	EPA 525.2m	0.0058	0.01			
2018/19-5	000NONPJ	matrix spike dup, rec	5/21/2019	Pesticide	Merphos	n/a	=	197	%	EPA 525.2m	-88	-88	3	210	
2018/19-5	000NONPJ	matrix spike, RPD	5/21/2019	Pesticide	Merphos	n/a	=	28	%	EPA 525.2m	-88	-88	0	30	
2018/19-5	000NONPJ	matrix spike	6/3/2019	Pesticide	Merphos	n/a	=	0.0476	µg/L	EPA 525.2m	0.0058	0.01			
2018/19-5	000NONPJ	matrix spike, rec	6/3/2019	Pesticide	Merphos	n/a	=	95	%	EPA 525.2m	-88	-88	3	210	

Appendix F
Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2018/19-5	000NONPJ	matrix spike dup	6/3/2019	Pesticide	Merphos	n/a	=	0.0578	µg/L	EPA 525.2m	0.0058	0.01			
2018/19-5	000NONPJ	matrix spike dup, rec	6/3/2019	Pesticide	Merphos	n/a	=	116	%	EPA 525.2m	-88	-88	3	210	
2018/19-5	000NONPJ	matrix spike, RPD	6/3/2019	Pesticide	Merphos	n/a	=	19	%	EPA 525.2m	-88	-88	0	30	
2018/19-5	Lab	method blank	5/21/2019	Pesticide	Merphos	n/a	<	0.0058	µg/L	EPA 525.2m	0.0058	0.01			
2018/19-5	Lab	LCS	5/21/2019	Pesticide	Merphos	n/a	=	0.0707	µg/L	EPA 525.2m	0.0058	0.01			
2018/19-5	Lab	LCS, rec	5/21/2019	Pesticide	Merphos	n/a	=	141	%	EPA 525.2m	-88	-88	28	181	
2018/19-5	Lab	method blank	5/21/2019	Pesticide	Merphos	n/a	<	0.0058	µg/L	EPA 525.2m	0.0058	0.01			
2018/19-5	Lab	LCS	5/21/2019	Pesticide	Merphos	n/a	=	0.0844	µg/L	EPA 525.2m	0.0058	0.01			
2018/19-5	Lab	LCS, rec	5/21/2019	Pesticide	Merphos	n/a	=	169	%	EPA 525.2m	-88	-88	28	181	
2018/19-5	Lab	method blank	6/3/2019	Pesticide	Merphos	n/a	<	0.0058	µg/L	EPA 525.2m	0.0058	0.01			
2018/19-5	Lab	LCS	6/3/2019	Pesticide	Merphos	n/a	=	0.0552	µg/L	EPA 525.2m	0.0058	0.01			
2018/19-5	Lab	LCS, rec	6/3/2019	Pesticide	Merphos	n/a	=	110	%	EPA 525.2m	-88	-88	28	181	
2018/19-5	000NONPJ	matrix spike	5/21/2019	Pesticide	Methyl parathion	n/a	=	0.0533	µg/L	EPA 525.2m	0.0063	0.01			
2018/19-5	000NONPJ	matrix spike, rec	5/21/2019	Pesticide	Methyl parathion	n/a	=	107	%	EPA 525.2m	-88	-88	0.1	249	
2018/19-5	000NONPJ	matrix spike dup	5/21/2019	Pesticide	Methyl parathion	n/a	=	0.0597	µg/L	EPA 525.2m	0.0063	0.01			
2018/19-5	000NONPJ	matrix spike dup, rec	5/21/2019	Pesticide	Methyl parathion	n/a	=	119	%	EPA 525.2m	-88	-88	0.1	249	
2018/19-5	000NONPJ	matrix spike, RPD	5/21/2019	Pesticide	Methyl parathion	n/a	=	11	%	EPA 525.2m	-88	-88	0	30	
2018/19-5	000NONPJ	matrix spike	5/21/2019	Pesticide	Methyl parathion	n/a	=	0.062	µg/L	EPA 525.2m	0.0063	0.01			
2018/19-5	000NONPJ	matrix spike, rec	5/21/2019	Pesticide	Methyl parathion	n/a	=	124	%	EPA 525.2m	-88	-88	0.1	249	
2018/19-5	000NONPJ	matrix spike dup	5/21/2019	Pesticide	Methyl parathion	n/a	=	0.0679	µg/L	EPA 525.2m	0.0063	0.01			
2018/19-5	000NONPJ	matrix spike dup, rec	5/21/2019	Pesticide	Methyl parathion	n/a	=	136	%	EPA 525.2m	-88	-88	0.1	249	
2018/19-5	000NONPJ	matrix spike, RPD	5/21/2019	Pesticide	Methyl parathion	n/a	=	9	%	EPA 525.2m	-88	-88	0	30	
2018/19-5	000NONPJ	matrix spike	6/3/2019	Pesticide	Methyl parathion	n/a	=	0.0762	µg/L	EPA 525.2m	0.0063	0.01			
2018/19-5	000NONPJ	matrix spike, rec	6/3/2019	Pesticide	Methyl parathion	n/a	=	152	%	EPA 525.2m	-88	-88	0.1	249	
2018/19-5	000NONPJ	matrix spike dup	6/3/2019	Pesticide	Methyl parathion	n/a	=	0.0772	µg/L	EPA 525.2m	0.0063	0.01			
2018/19-5	000NONPJ	matrix spike dup, rec	6/3/2019	Pesticide	Methyl parathion	n/a	=	154	%	EPA 525.2m	-88	-88	0.1	249	
2018/19-5	000NONPJ	matrix spike, RPD	6/3/2019	Pesticide	Methyl parathion	n/a	=	1	%	EPA 525.2m	-88	-88	0	30	
2018/19-5	Lab	method blank	5/21/2019	Pesticide	Methyl parathion	n/a	<	0.0063	µg/L	EPA 525.2m	0.0063	0.01			
2018/19-5	Lab	LCS	5/21/2019	Pesticide	Methyl parathion	n/a	=	0.0533	µg/L	EPA 525.2m	0.0063	0.01			
2018/19-5	Lab	LCS, rec	5/21/2019	Pesticide	Methyl parathion	n/a	=	107	%	EPA 525.2m	-88	-88	0.1	252	
2018/19-5	Lab	method blank	5/21/2019	Pesticide	Methyl parathion	n/a	<	0.0063	µg/L	EPA 525.2m	0.0063	0.01			
2018/19-5	Lab	LCS	5/21/2019	Pesticide	Methyl parathion	n/a	=	0.0574	µg/L	EPA 525.2m	0.0063	0.01			
2018/19-5	Lab	LCS, rec	5/21/2019	Pesticide	Methyl parathion	n/a	=	115	%	EPA 525.2m	-88	-88	0.1	252	
2018/19-5	Lab	method blank	6/3/2019	Pesticide	Methyl parathion	n/a	<	0.0063	µg/L	EPA 525.2m	0.0063	0.01			
2018/19-5	Lab	LCS	6/3/2019	Pesticide	Methyl parathion	n/a	=	0.0567	µg/L	EPA 525.2m	0.0063	0.01			
2018/19-5	Lab	LCS, rec	6/3/2019	Pesticide	Methyl parathion	n/a	=	113	%	EPA 525.2m	-88	-88	0.1	252	
2018/19-5	000NONPJ	matrix spike	5/6/2019	Pesticide	Metolachlor	n/a	=	5.94	µg/L	EPA 525.2	0.012	0.1			
2018/19-5	000NONPJ	matrix spike, rec	5/6/2019	Pesticide	Metolachlor	n/a	=	119	%	EPA 525.2	-88	-88	60	130	
2018/19-5	000NONPJ	matrix spike dup	5/6/2019	Pesticide	Metolachlor	n/a	=	6.17	µg/L	EPA 525.2	0.012	0.1			
2018/19-5	000NONPJ	matrix spike dup, rec	5/6/2019	Pesticide	Metolachlor	n/a	=	123	%	EPA 525.2	-88	-88	60	130	
2018/19-5	000NONPJ	matrix spike, RPD	5/6/2019	Pesticide	Metolachlor	n/a	=	4	%	EPA 525.2	-88	-88	0	30	
2018/19-5	000NONPJ	matrix spike	5/14/2019	Pesticide	Metolachlor	n/a	=	5.23	µg/L	EPA 525.2	0.012	0.1			
2018/19-5	000NONPJ	matrix spike, rec	5/14/2019	Pesticide	Metolachlor	n/a	=	105	%	EPA 525.2	-88	-88	60	130	
2018/19-5	000NONPJ	matrix spike dup	5/14/2019	Pesticide	Metolachlor	n/a	=	5.06	µg/L	EPA 525.2	0.012	0.1			
2018/19-5	000NONPJ	matrix spike dup, rec	5/14/2019	Pesticide	Metolachlor	n/a	=	101	%	EPA 525.2	-88	-88	60	130	
2018/19-5	000NONPJ	matrix spike, RPD	5/14/2019	Pesticide	Metolachlor	n/a	=	3	%	EPA 525.2	-88	-88	0	30	
2018/19-5	Lab	method blank	5/6/2019	Pesticide	Metolachlor	n/a	<	0.012	µg/L	EPA 525.2	0.012	0.1			

Appendix F
Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2018/19-5	Lab	LCS	5/6/2019	Pesticide	Metolachlor	n/a	=	4.88	µg/L	EPA 525.2	0.012	0.1			
2018/19-5	Lab	LCS, rec	5/6/2019	Pesticide	Metolachlor	n/a	=	98	%	EPA 525.2	-88	-88	60	130	
2018/19-5	Lab	LCS	5/14/2019	Pesticide	Metolachlor	n/a	=	4.96	µg/L	EPA 525.2	0.012	0.1			
2018/19-5	Lab	LCS, rec	5/14/2019	Pesticide	Metolachlor	n/a	=	99	%	EPA 525.2	-88	-88	60	130	
2018/19-5	Lab	LCS dup	5/14/2019	Pesticide	Metolachlor	n/a	=	4.75	µg/L	EPA 525.2	0.012	0.1			
2018/19-5	Lab	LCS dup, rec	5/14/2019	Pesticide	Metolachlor	n/a	=	95	%	EPA 525.2	-88	-88	60	130	
2018/19-5	Lab	LCS, RPD	5/14/2019	Pesticide	Metolachlor	n/a	=	4	%	EPA 525.2	-88	-88	0	30	
2018/19-5	Lab	method blank	5/15/2019	Pesticide	Metolachlor	n/a	<	0.012	µg/L	EPA 525.2	0.012	0.1			
2018/19-5	Lab	method blank	5/16/2019	Pesticide	Metolachlor	n/a	<	0.012	µg/L	EPA 525.2	0.012	0.1			
2018/19-5	Lab	LCS	5/16/2019	Pesticide	Metolachlor	n/a	=	4.83	µg/L	EPA 525.2	0.012	0.1			
2018/19-5	Lab	LCS, rec	5/16/2019	Pesticide	Metolachlor	n/a	=	97	%	EPA 525.2	-88	-88	60	130	
2018/19-5	Lab	LCS dup	5/16/2019	Pesticide	Metolachlor	n/a	=	4.85	µg/L	EPA 525.2	0.012	0.1			
2018/19-5	Lab	LCS dup, rec	5/16/2019	Pesticide	Metolachlor	n/a	=	97	%	EPA 525.2	-88	-88	60	130	
2018/19-5	Lab	LCS, RPD	5/16/2019	Pesticide	Metolachlor	n/a	=	0.4	%	EPA 525.2	-88	-88	0	30	
2018/19-5	000NONPJ	matrix spike	5/6/2019	Pesticide	Metribuzin	n/a	=	5.35	µg/L	EPA 525.2	0.015	0.1			
2018/19-5	000NONPJ	matrix spike, rec	5/6/2019	Pesticide	Metribuzin	n/a	=	107	%	EPA 525.2	-88	-88	50	120	
2018/19-5	000NONPJ	matrix spike dup	5/6/2019	Pesticide	Metribuzin	n/a	=	5.51	µg/L	EPA 525.2	0.015	0.1			
2018/19-5	000NONPJ	matrix spike dup, rec	5/6/2019	Pesticide	Metribuzin	n/a	=	110	%	EPA 525.2	-88	-88	50	120	
2018/19-5	000NONPJ	matrix spike, RPD	5/6/2019	Pesticide	Metribuzin	n/a	=	3	%	EPA 525.2	-88	-88	0	30	
2018/19-5	000NONPJ	matrix spike	5/14/2019	Pesticide	Metribuzin	n/a	=	5.58	µg/L	EPA 525.2	0.015	0.1			
2018/19-5	000NONPJ	matrix spike, rec	5/14/2019	Pesticide	Metribuzin	n/a	=	112	%	EPA 525.2	-88	-88	50	120	
2018/19-5	000NONPJ	matrix spike dup	5/14/2019	Pesticide	Metribuzin	n/a	=	5.24	µg/L	EPA 525.2	0.015	0.1			
2018/19-5	000NONPJ	matrix spike dup, rec	5/14/2019	Pesticide	Metribuzin	n/a	=	105	%	EPA 525.2	-88	-88	50	120	
2018/19-5	000NONPJ	matrix spike, RPD	5/14/2019	Pesticide	Metribuzin	n/a	=	6	%	EPA 525.2	-88	-88	0	30	
2018/19-5	Lab	method blank	5/6/2019	Pesticide	Metribuzin	n/a	<	0.015	µg/L	EPA 525.2	0.015	0.1			
2018/19-5	Lab	LCS	5/6/2019	Pesticide	Metribuzin	n/a	=	4.53	µg/L	EPA 525.2	0.015	0.1			
2018/19-5	Lab	LCS, rec	5/6/2019	Pesticide	Metribuzin	n/a	=	91	%	EPA 525.2	-88	-88	50	120	
2018/19-5	Lab	LCS	5/14/2019	Pesticide	Metribuzin	n/a	=	5.12	µg/L	EPA 525.2	0.015	0.1			
2018/19-5	Lab	LCS, rec	5/14/2019	Pesticide	Metribuzin	n/a	=	102	%	EPA 525.2	-88	-88	50	120	
2018/19-5	Lab	LCS dup	5/14/2019	Pesticide	Metribuzin	n/a	=	4.99	µg/L	EPA 525.2	0.015	0.1			
2018/19-5	Lab	LCS dup, rec	5/14/2019	Pesticide	Metribuzin	n/a	=	100	%	EPA 525.2	-88	-88	50	120	
2018/19-5	Lab	LCS, RPD	5/14/2019	Pesticide	Metribuzin	n/a	=	3	%	EPA 525.2	-88	-88	0	30	
2018/19-5	Lab	method blank	5/15/2019	Pesticide	Metribuzin	n/a	<	0.015	µg/L	EPA 525.2	0.015	0.1			
2018/19-5	Lab	method blank	5/16/2019	Pesticide	Metribuzin	n/a	<	0.015	µg/L	EPA 525.2	0.015	0.1			
2018/19-5	Lab	LCS	5/16/2019	Pesticide	Metribuzin	n/a	=	5.06	µg/L	EPA 525.2	0.015	0.1			
2018/19-5	Lab	LCS, rec	5/16/2019	Pesticide	Metribuzin	n/a	=	101	%	EPA 525.2	-88	-88	50	120	
2018/19-5	Lab	LCS dup	5/16/2019	Pesticide	Metribuzin	n/a	=	4.67	µg/L	EPA 525.2	0.015	0.1			
2018/19-5	Lab	LCS dup, rec	5/16/2019	Pesticide	Metribuzin	n/a	=	93	%	EPA 525.2	-88	-88	50	120	
2018/19-5	Lab	LCS, RPD	5/16/2019	Pesticide	Metribuzin	n/a	=	8	%	EPA 525.2	-88	-88	0	30	
2018/19-5	000NONPJ	matrix spike	5/21/2019	Pesticide	Mevinphos	n/a	=	0.0365	µg/L	EPA 525.2m	0.0042	0.01			
2018/19-5	000NONPJ	matrix spike, rec	5/21/2019	Pesticide	Mevinphos	n/a	=	73	%	EPA 525.2m	-88	-88	25	189	
2018/19-5	000NONPJ	matrix spike dup	5/21/2019	Pesticide	Mevinphos	n/a	=	0.0362	µg/L	EPA 525.2m	0.0042	0.01			
2018/19-5	000NONPJ	matrix spike dup, rec	5/21/2019	Pesticide	Mevinphos	n/a	=	72	%	EPA 525.2m	-88	-88	25	189	
2018/19-5	000NONPJ	matrix spike, RPD	5/21/2019	Pesticide	Mevinphos	n/a	=	0.9	%	EPA 525.2m	-88	-88	0	30	
2018/19-5	000NONPJ	matrix spike	5/21/2019	Pesticide	Mevinphos	n/a	=	0.044	µg/L	EPA 525.2m	0.0042	0.01			
2018/19-5	000NONPJ	matrix spike, rec	5/21/2019	Pesticide	Mevinphos	n/a	=	88	%	EPA 525.2m	-88	-88	25	189	
2018/19-5	000NONPJ	matrix spike dup	5/21/2019	Pesticide	Mevinphos	n/a	=	0.0458	µg/L	EPA 525.2m	0.0042	0.01			

Appendix F
Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2018/19-5	000NONPJ	matrix spike dup, rec	5/21/2019	Pesticide	Mevinphos	n/a	=	92	%	EPA 525.2m	-88	-88	25	189	
2018/19-5	000NONPJ	matrix spike, RPD	5/21/2019	Pesticide	Mevinphos	n/a	=	4	%	EPA 525.2m	-88	-88	0	30	
2018/19-5	000NONPJ	matrix spike	6/3/2019	Pesticide	Mevinphos	n/a	=	0.0405	µg/L	EPA 525.2m	0.0042	0.01			
2018/19-5	000NONPJ	matrix spike, rec	6/3/2019	Pesticide	Mevinphos	n/a	=	81	%	EPA 525.2m	-88	-88	25	189	
2018/19-5	000NONPJ	matrix spike dup	6/3/2019	Pesticide	Mevinphos	n/a	=	0.0422	µg/L	EPA 525.2m	0.0042	0.01			
2018/19-5	000NONPJ	matrix spike dup, rec	6/3/2019	Pesticide	Mevinphos	n/a	=	84	%	EPA 525.2m	-88	-88	25	189	
2018/19-5	000NONPJ	matrix spike, RPD	6/3/2019	Pesticide	Mevinphos	n/a	=	4	%	EPA 525.2m	-88	-88	0	30	
2018/19-5	Lab	method blank	5/21/2019	Pesticide	Mevinphos	n/a	<	0.0042	µg/L	EPA 525.2m	0.0042	0.01			
2018/19-5	Lab	LCS	5/21/2019	Pesticide	Mevinphos	n/a	=	0.0365	µg/L	EPA 525.2m	0.0042	0.01			
2018/19-5	Lab	LCS, rec	5/21/2019	Pesticide	Mevinphos	n/a	=	73	%	EPA 525.2m	-88	-88	14	202	
2018/19-5	Lab	method blank	5/21/2019	Pesticide	Mevinphos	n/a	<	0.0042	µg/L	EPA 525.2m	0.0042	0.01			
2018/19-5	Lab	LCS	5/21/2019	Pesticide	Mevinphos	n/a	=	0.0523	µg/L	EPA 525.2m	0.0042	0.01			
2018/19-5	Lab	LCS, rec	5/21/2019	Pesticide	Mevinphos	n/a	=	105	%	EPA 525.2m	-88	-88	14	202	
2018/19-5	Lab	method blank	6/3/2019	Pesticide	Mevinphos	n/a	<	0.0042	µg/L	EPA 525.2m	0.0042	0.01			
2018/19-5	Lab	LCS	6/3/2019	Pesticide	Mevinphos	n/a	=	0.0461	µg/L	EPA 525.2m	0.0042	0.01			
2018/19-5	Lab	LCS, rec	6/3/2019	Pesticide	Mevinphos	n/a	=	92	%	EPA 525.2m	-88	-88	14	202	
2018/19-5	000NONPJ	matrix spike	5/6/2019	Pesticide	Molinate	n/a	=	5.12	µg/L	EPA 525.2	0.039	0.1			
2018/19-5	000NONPJ	matrix spike, rec	5/6/2019	Pesticide	Molinate	n/a	=	102	%	EPA 525.2	-88	-88	70	130	
2018/19-5	000NONPJ	matrix spike dup	5/6/2019	Pesticide	Molinate	n/a	=	5.2	µg/L	EPA 525.2	0.039	0.1			
2018/19-5	000NONPJ	matrix spike dup, rec	5/6/2019	Pesticide	Molinate	n/a	=	104	%	EPA 525.2	-88	-88	70	130	
2018/19-5	000NONPJ	matrix spike, RPD	5/6/2019	Pesticide	Molinate	n/a	=	1	%	EPA 525.2	-88	-88	0	30	
2018/19-5	000NONPJ	matrix spike	5/14/2019	Pesticide	Molinate	n/a	=	4.94	µg/L	EPA 525.2	0.039	0.1			
2018/19-5	000NONPJ	matrix spike, rec	5/14/2019	Pesticide	Molinate	n/a	=	99	%	EPA 525.2	-88	-88	70	130	
2018/19-5	000NONPJ	matrix spike dup	5/14/2019	Pesticide	Molinate	n/a	=	4.78	µg/L	EPA 525.2	0.039	0.1			
2018/19-5	000NONPJ	matrix spike dup, rec	5/14/2019	Pesticide	Molinate	n/a	=	96	%	EPA 525.2	-88	-88	70	130	
2018/19-5	000NONPJ	matrix spike, RPD	5/14/2019	Pesticide	Molinate	n/a	=	3	%	EPA 525.2	-88	-88	0	30	
2018/19-5	Lab	method blank	5/6/2019	Pesticide	Molinate	n/a	<	0.039	µg/L	EPA 525.2	0.039	0.1			
2018/19-5	Lab	LCS	5/6/2019	Pesticide	Molinate	n/a	=	4.72	µg/L	EPA 525.2	0.039	0.1			
2018/19-5	Lab	LCS, rec	5/6/2019	Pesticide	Molinate	n/a	=	94	%	EPA 525.2	-88	-88	70	130	
2018/19-5	Lab	LCS	5/14/2019	Pesticide	Molinate	n/a	=	4.88	µg/L	EPA 525.2	0.039	0.1			
2018/19-5	Lab	LCS, rec	5/14/2019	Pesticide	Molinate	n/a	=	98	%	EPA 525.2	-88	-88	70	130	
2018/19-5	Lab	LCS dup	5/14/2019	Pesticide	Molinate	n/a	=	4.74	µg/L	EPA 525.2	0.039	0.1			
2018/19-5	Lab	LCS dup, rec	5/14/2019	Pesticide	Molinate	n/a	=	95	%	EPA 525.2	-88	-88	70	130	
2018/19-5	Lab	LCS, RPD	5/14/2019	Pesticide	Molinate	n/a	=	3	%	EPA 525.2	-88	-88	0	30	
2018/19-5	Lab	method blank	5/15/2019	Pesticide	Molinate	n/a	<	0.039	µg/L	EPA 525.2	0.039	0.1			
2018/19-5	Lab	method blank	5/16/2019	Pesticide	Molinate	n/a	<	0.039	µg/L	EPA 525.2	0.039	0.1			
2018/19-5	Lab	LCS	5/16/2019	Pesticide	Molinate	n/a	=	4.76	µg/L	EPA 525.2	0.039	0.1			
2018/19-5	Lab	LCS, rec	5/16/2019	Pesticide	Molinate	n/a	=	95	%	EPA 525.2	-88	-88	70	130	
2018/19-5	Lab	LCS dup	5/16/2019	Pesticide	Molinate	n/a	=	4.65	µg/L	EPA 525.2	0.039	0.1			
2018/19-5	Lab	LCS dup, rec	5/16/2019	Pesticide	Molinate	n/a	=	93	%	EPA 525.2	-88	-88	70	130	
2018/19-5	Lab	LCS, RPD	5/16/2019	Pesticide	Molinate	n/a	=	2	%	EPA 525.2	-88	-88	0	30	
2018/19-5	000NONPJ	matrix spike	5/21/2019	Pesticide	Naled	n/a	=	0.0791	µg/L	EPA 525.2m	0.0076	0.01			
2018/19-5	000NONPJ	matrix spike, rec	5/21/2019	Pesticide	Naled	n/a	=	158	%	EPA 525.2m	-88	-88	0.1	242	
2018/19-5	000NONPJ	matrix spike dup	5/21/2019	Pesticide	Naled	n/a	=	0.0806	µg/L	EPA 525.2m	0.0076	0.01			
2018/19-5	000NONPJ	matrix spike dup, rec	5/21/2019	Pesticide	Naled	n/a	=	161	%	EPA 525.2m	-88	-88	0.1	242	
2018/19-5	000NONPJ	matrix spike, RPD	5/21/2019	Pesticide	Naled	n/a	=	2	%	EPA 525.2m	-88	-88	0	30	
2018/19-5	000NONPJ	matrix spike	5/21/2019	Pesticide	Naled	n/a	=	0.108	µg/L	EPA 525.2m	0.0076	0.01			

Appendix F
Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2018/19-5	000NONPJ	matrix spike, rec	5/21/2019	Pesticide	Naled	n/a	=	217	%	EPA 525.2m	-88	-88	0.1	242	
2018/19-5	000NONPJ	matrix spike dup	5/21/2019	Pesticide	Naled	n/a	=	0.109	µg/L	EPA 525.2m	0.0076	0.01			
2018/19-5	000NONPJ	matrix spike dup, rec	5/21/2019	Pesticide	Naled	n/a	=	217	%	EPA 525.2m	-88	-88	0.1	242	
2018/19-5	000NONPJ	matrix spike, RPD	5/21/2019	Pesticide	Naled	n/a	=	0.4	%	EPA 525.2m	-88	-88	0	30	
2018/19-5	000NONPJ	matrix spike	6/3/2019	Pesticide	Naled	n/a	=	0.114	µg/L	EPA 525.2m	0.0076	0.01			
2018/19-5	000NONPJ	matrix spike, rec	6/3/2019	Pesticide	Naled	n/a	=	228	%	EPA 525.2m	-88	-88	0.1	242	
2018/19-5	000NONPJ	matrix spike dup	6/3/2019	Pesticide	Naled	n/a	=	0.117	µg/L	EPA 525.2m	0.0076	0.01			
2018/19-5	000NONPJ	matrix spike dup, rec	6/3/2019	Pesticide	Naled	n/a	=	233	%	EPA 525.2m	-88	-88	0.1	242	
2018/19-5	000NONPJ	matrix spike, RPD	6/3/2019	Pesticide	Naled	n/a	=	2	%	EPA 525.2m	-88	-88	0	30	
2018/19-5	Lab	method blank	5/21/2019	Pesticide	Naled	n/a	<	0.0076	µg/L	EPA 525.2m	0.0076	0.01			
2018/19-5	Lab	LCS	5/21/2019	Pesticide	Naled	n/a	=	0.0791	µg/L	EPA 525.2m	0.0076	0.01			
2018/19-5	Lab	LCS, rec	5/21/2019	Pesticide	Naled	n/a	=	158	%	EPA 525.2m	-88	-88	0.1	240	
2018/19-5	Lab	method blank	5/21/2019	Pesticide	Naled	n/a	<	0.0076	µg/L	EPA 525.2m	0.0076	0.01			
2018/19-5	Lab	LCS	5/21/2019	Pesticide	Naled	n/a	=	0.0998	µg/L	EPA 525.2m	0.0076	0.01			
2018/19-5	Lab	LCS, rec	5/21/2019	Pesticide	Naled	n/a	=	200	%	EPA 525.2m	-88	-88	0.1	240	
2018/19-5	Lab	method blank	6/3/2019	Pesticide	Naled	n/a	<	0.0076	µg/L	EPA 525.2m	0.0076	0.01			
2018/19-5	Lab	LCS	6/3/2019	Pesticide	Naled	n/a	=	0.0988	µg/L	EPA 525.2m	0.0076	0.01			
2018/19-5	Lab	LCS, rec	6/3/2019	Pesticide	Naled	n/a	=	198	%	EPA 525.2m	-88	-88	0.1	240	
2018/19-5	000NONPJ	matrix spike	5/7/2019	Pesticide	Pentachlorophenol	n/a	=	24.3	µg/L	EPA 625	0.19	1			
2018/19-5	000NONPJ	matrix spike, rec	5/7/2019	Pesticide	Pentachlorophenol	n/a	=	97	%	EPA 625	-88	-88	18	130	
2018/19-5	000NONPJ	matrix spike dup	5/7/2019	Pesticide	Pentachlorophenol	n/a	=	27.7	µg/L	EPA 625	0.19	1			
2018/19-5	000NONPJ	matrix spike dup, rec	5/7/2019	Pesticide	Pentachlorophenol	n/a	=	111	%	EPA 625	-88	-88	18	130	
2018/19-5	000NONPJ	matrix spike, RPD	5/7/2019	Pesticide	Pentachlorophenol	n/a	=	13	%	EPA 625	-88	-88	0	30	
2018/19-5	000NONPJ	matrix spike	5/10/2019	Pesticide	Pentachlorophenol	n/a	=	4.21	µg/L	EPA 515.4	0.04	0.2			
2018/19-5	000NONPJ	matrix spike, rec	5/10/2019	Pesticide	Pentachlorophenol	n/a	=	105	%	EPA 515.4	-88	-88	70	130	
2018/19-5	000NONPJ	matrix spike dup	5/10/2019	Pesticide	Pentachlorophenol	n/a	=	3.85	µg/L	EPA 515.4	0.04	0.2			
2018/19-5	000NONPJ	matrix spike dup, rec	5/10/2019	Pesticide	Pentachlorophenol	n/a	=	96	%	EPA 515.4	-88	-88	70	130	
2018/19-5	000NONPJ	matrix spike, RPD	5/10/2019	Pesticide	Pentachlorophenol	n/a	=	9	%	EPA 515.4	-88	-88	0	30	
2018/19-5	000NONPJ	matrix spike	5/16/2019	Pesticide	Pentachlorophenol	n/a	=	3.92	µg/L	EPA 515.4	0.04	0.2			
2018/19-5	000NONPJ	matrix spike, rec	5/16/2019	Pesticide	Pentachlorophenol	n/a	=	98	%	EPA 515.4	-88	-88	70	130	
2018/19-5	000NONPJ	matrix spike dup	5/16/2019	Pesticide	Pentachlorophenol	n/a	=	3.61	µg/L	EPA 515.4	0.04	0.2			
2018/19-5	000NONPJ	matrix spike dup, rec	5/16/2019	Pesticide	Pentachlorophenol	n/a	=	90	%	EPA 515.4	-88	-88	70	130	
2018/19-5	000NONPJ	matrix spike, RPD	5/16/2019	Pesticide	Pentachlorophenol	n/a	=	8	%	EPA 515.4	-88	-88	0	30	
2018/19-5	000NONPJ	matrix spike	5/23/2019	Pesticide	Pentachlorophenol	n/a	=	4.42	µg/L	EPA 515.4	0.04	0.2			
2018/19-5	000NONPJ	matrix spike, rec	5/23/2019	Pesticide	Pentachlorophenol	n/a	=	110	%	EPA 515.4	-88	-88	70	130	
2018/19-5	000NONPJ	matrix spike dup	5/23/2019	Pesticide	Pentachlorophenol	n/a	=	4	µg/L	EPA 515.4	0.04	0.2			
2018/19-5	000NONPJ	matrix spike dup, rec	5/23/2019	Pesticide	Pentachlorophenol	n/a	=	100	%	EPA 515.4	-88	-88	70	130	
2018/19-5	000NONPJ	matrix spike, RPD	5/23/2019	Pesticide	Pentachlorophenol	n/a	=	10	%	EPA 515.4	-88	-88	0	30	
2018/19-5	000NONPJ	matrix spike	6/6/2019	Pesticide	Pentachlorophenol	n/a	=	18	µg/L	EPA 625	1.9	10			
2018/19-5	000NONPJ	matrix spike, rec	6/6/2019	Pesticide	Pentachlorophenol	n/a	=	72	%	EPA 625	-88	-88	18	130	
2018/19-5	000NONPJ	matrix spike dup	6/6/2019	Pesticide	Pentachlorophenol	n/a	=	17.4	µg/L	EPA 625	1.9	10			
2018/19-5	000NONPJ	matrix spike dup, rec	6/6/2019	Pesticide	Pentachlorophenol	n/a	=	70	%	EPA 625	-88	-88	18	130	
2018/19-5	000NONPJ	matrix spike, RPD	6/6/2019	Pesticide	Pentachlorophenol	n/a	=	3	%	EPA 625	-88	-88	0	30	
2018/19-5	Lab	method blank	5/6/2019	Pesticide	Pentachlorophenol	n/a	<	0.19	µg/L	EPA 625	0.19	1			
2018/19-5	Lab	LCS dup	5/6/2019	Pesticide	Pentachlorophenol	n/a	=	28.6	µg/L	EPA 625	0.19	1			
2018/19-5	Lab	LCS dup, rec	5/6/2019	Pesticide	Pentachlorophenol	n/a	=	115	%	EPA 625	-88	-88	43	130	
2018/19-5	Lab	LCS, RPD	5/6/2019	Pesticide	Pentachlorophenol	n/a	=	8	%	EPA 625	-88	-88	0	30	

Appendix F
Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2018/19-5	Lab	LCS	5/7/2019	Pesticide	Pentachlorophenol	n/a	=	31	µg/L	EPA 625	0.19	1			
2018/19-5	Lab	LCS, rec	5/7/2019	Pesticide	Pentachlorophenol	n/a	=	124	%	EPA 625	-88	-88	43	130	
2018/19-5	Lab	method blank	5/10/2019	Pesticide	Pentachlorophenol	n/a	<	0.04	µg/L	EPA 515.4	0.04	0.2			
2018/19-5	Lab	LCS	5/10/2019	Pesticide	Pentachlorophenol	n/a	=	3.86	µg/L	EPA 515.4	0.04	0.2			
2018/19-5	Lab	LCS, rec	5/10/2019	Pesticide	Pentachlorophenol	n/a	=	96	%	EPA 515.4	-88	-88	70	130	
2018/19-5	Lab	method blank	5/15/2019	Pesticide	Pentachlorophenol	n/a	<	0.04	µg/L	EPA 515.4	0.04	0.2			
2018/19-5	Lab	LCS	5/15/2019	Pesticide	Pentachlorophenol	n/a	=	3.67	µg/L	EPA 515.4	0.04	0.2			
2018/19-5	Lab	LCS, rec	5/15/2019	Pesticide	Pentachlorophenol	n/a	=	92	%	EPA 515.4	-88	-88	70	130	
2018/19-5	Lab	method blank	5/21/2019	Pesticide	Pentachlorophenol	n/a	<	0.15	µg/L	EPA 8270C	0.15	1			
2018/19-5	Lab	LCS	5/21/2019	Pesticide	Pentachlorophenol	n/a	=	10.3	µg/L	EPA 8270C	0.15	1			
2018/19-5	Lab	LCS, rec	5/21/2019	Pesticide	Pentachlorophenol	n/a	=	103	%	EPA 8270C	-88	-88	29	106	
2018/19-5	Lab	LCS dup	5/21/2019	Pesticide	Pentachlorophenol	n/a	=	9.79	µg/L	EPA 8270C	0.15	1			
2018/19-5	Lab	LCS dup, rec	5/21/2019	Pesticide	Pentachlorophenol	n/a	=	98	%	EPA 8270C	-88	-88	29	106	
2018/19-5	Lab	LCS, RPD	5/21/2019	Pesticide	Pentachlorophenol	n/a	=	5	%	EPA 8270C	-88	-88	0	30	
2018/19-5	Lab	method blank	5/22/2019	Pesticide	Pentachlorophenol	n/a	<	0.15	µg/L	EPA 8270C	0.15	1			
2018/19-5	Lab	LCS	5/22/2019	Pesticide	Pentachlorophenol	n/a	=	11.1	µg/L	EPA 8270C	0.15	1			EUM
2018/19-5	Lab	LCS, rec	5/22/2019	Pesticide	Pentachlorophenol	n/a	=	111	%	EPA 8270C	-88	-88	29	106	EUM
2018/19-5	Lab	LCS dup	5/22/2019	Pesticide	Pentachlorophenol	n/a	=	12.2	µg/L	EPA 8270C	0.15	1			EUM
2018/19-5	Lab	LCS dup, rec	5/22/2019	Pesticide	Pentachlorophenol	n/a	=	122	%	EPA 8270C	-88	-88	29	106	EUM
2018/19-5	Lab	LCS, RPD	5/22/2019	Pesticide	Pentachlorophenol	n/a	=	9	%	EPA 8270C	-88	-88	0	30	EUM
2018/19-5	Lab	method blank	5/23/2019	Pesticide	Pentachlorophenol	n/a	<	0.04	µg/L	EPA 515.4	0.04	0.2			
2018/19-5	Lab	LCS	5/23/2019	Pesticide	Pentachlorophenol	n/a	=	3.92	µg/L	EPA 515.4	0.04	0.2			
2018/19-5	Lab	LCS, rec	5/23/2019	Pesticide	Pentachlorophenol	n/a	=	98	%	EPA 515.4	-88	-88	70	130	
2018/19-5	Lab	method blank	5/24/2019	Pesticide	Pentachlorophenol	n/a	<	0.19	µg/L	EPA 625	0.19	1			
2018/19-5	Lab	LCS	5/24/2019	Pesticide	Pentachlorophenol	n/a	=	26.4	µg/L	EPA 625	0.19	1			
2018/19-5	Lab	LCS, rec	5/24/2019	Pesticide	Pentachlorophenol	n/a	=	105	%	EPA 625	-88	-88	43	130	
2018/19-5	Lab	LCS dup	5/24/2019	Pesticide	Pentachlorophenol	n/a	=	26.3	µg/L	EPA 625	0.19	1			
2018/19-5	Lab	LCS dup, rec	5/24/2019	Pesticide	Pentachlorophenol	n/a	=	105	%	EPA 625	-88	-88	43	130	
2018/19-5	Lab	LCS, RPD	5/24/2019	Pesticide	Pentachlorophenol	n/a	=	0.3	%	EPA 625	-88	-88	0	30	
2018/19-5	Lab	method blank	6/1/2019	Pesticide	Pentachlorophenol	n/a	<	0.19	µg/L	EPA 625	0.19	1			
2018/19-5	Lab	LCS dup	6/1/2019	Pesticide	Pentachlorophenol	n/a	=	24.6	µg/L	EPA 625	0.19	1			
2018/19-5	Lab	LCS dup, rec	6/1/2019	Pesticide	Pentachlorophenol	n/a	=	98	%	EPA 625	-88	-88	43	130	
2018/19-5	Lab	LCS, RPD	6/1/2019	Pesticide	Pentachlorophenol	n/a	=	4	%	EPA 625	-88	-88	0	30	
2018/19-5	Lab	LCS	6/1/2019	Pesticide	Pentachlorophenol	n/a	=	25.6	µg/L	EPA 625	0.19	1			
2018/19-5	Lab	LCS, rec	6/1/2019	Pesticide	Pentachlorophenol	n/a	=	103	%	EPA 625	-88	-88	43	130	
2018/19-5	Lab	method blank	6/3/2019	Pesticide	Pentachlorophenol	n/a	<	0.19	µg/L	EPA 625	0.19	1			
2018/19-5	Lab	LCS	6/3/2019	Pesticide	Pentachlorophenol	n/a	=	22.3	µg/L	EPA 625	0.19	1			
2018/19-5	Lab	LCS, rec	6/3/2019	Pesticide	Pentachlorophenol	n/a	=	89	%	EPA 625	-88	-88	43	130	
2018/19-5	Lab	method blank	6/6/2019	Pesticide	Pentachlorophenol	n/a	<	0.19	µg/L	EPA 625	0.19	1			
2018/19-5	Lab	LCS	6/6/2019	Pesticide	Pentachlorophenol	n/a	=	23.5	µg/L	EPA 625	0.19	1			
2018/19-5	Lab	LCS, rec	6/6/2019	Pesticide	Pentachlorophenol	n/a	=	94	%	EPA 625	-88	-88	43	130	
2018/19-5	000NONPJ	matrix spike	5/21/2019	Pesticide	Phorate	n/a	=	0.0486	µg/L	EPA 525.2m	0.003	0.01			
2018/19-5	000NONPJ	matrix spike, rec	5/21/2019	Pesticide	Phorate	n/a	=	97	%	EPA 525.2m	-88	-88	31	181	
2018/19-5	000NONPJ	matrix spike dup	5/21/2019	Pesticide	Phorate	n/a	=	0.0551	µg/L	EPA 525.2m	0.003	0.01			
2018/19-5	000NONPJ	matrix spike dup, rec	5/21/2019	Pesticide	Phorate	n/a	=	110	%	EPA 525.2m	-88	-88	31	181	
2018/19-5	000NONPJ	matrix spike, RPD	5/21/2019	Pesticide	Phorate	n/a	=	13	%	EPA 525.2m	-88	-88	0	30	
2018/19-5	000NONPJ	matrix spike	5/21/2019	Pesticide	Phorate	n/a	=	0.0565	µg/L	EPA 525.2m	0.003	0.01			

Appendix F
Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2018/19-5	000NONPJ	matrix spike, rec	5/21/2019	Pesticide	Phorate	n/a	=	113	%	EPA 525.2m	-88	-88	31	181	
2018/19-5	000NONPJ	matrix spike dup	5/21/2019	Pesticide	Phorate	n/a	=	0.0545	µg/L	EPA 525.2m	0.003	0.01			
2018/19-5	000NONPJ	matrix spike dup, rec	5/21/2019	Pesticide	Phorate	n/a	=	109	%	EPA 525.2m	-88	-88	31	181	
2018/19-5	000NONPJ	matrix spike, RPD	5/21/2019	Pesticide	Phorate	n/a	=	4	%	EPA 525.2m	-88	-88	0	30	
2018/19-5	000NONPJ	matrix spike	6/3/2019	Pesticide	Phorate	n/a	=	0.0564	µg/L	EPA 525.2m	0.003	0.01			
2018/19-5	000NONPJ	matrix spike, rec	6/3/2019	Pesticide	Phorate	n/a	=	113	%	EPA 525.2m	-88	-88	31	181	
2018/19-5	000NONPJ	matrix spike dup	6/3/2019	Pesticide	Phorate	n/a	=	0.0532	µg/L	EPA 525.2m	0.003	0.01			
2018/19-5	000NONPJ	matrix spike dup, rec	6/3/2019	Pesticide	Phorate	n/a	=	106	%	EPA 525.2m	-88	-88	31	181	
2018/19-5	000NONPJ	matrix spike, RPD	6/3/2019	Pesticide	Phorate	n/a	=	6	%	EPA 525.2m	-88	-88	0	30	
2018/19-5	Lab	method blank	5/21/2019	Pesticide	Phorate	n/a	<	0.003	µg/L	EPA 525.2m	0.003	0.01			
2018/19-5	Lab	LCS	5/21/2019	Pesticide	Phorate	n/a	=	0.0486	µg/L	EPA 525.2m	0.003	0.01			
2018/19-5	Lab	LCS, rec	5/21/2019	Pesticide	Phorate	n/a	=	97	%	EPA 525.2m	-88	-88	26	180	
2018/19-5	Lab	method blank	5/21/2019	Pesticide	Phorate	n/a	<	0.003	µg/L	EPA 525.2m	0.003	0.01			
2018/19-5	Lab	LCS	5/21/2019	Pesticide	Phorate	n/a	=	0.0551	µg/L	EPA 525.2m	0.003	0.01			
2018/19-5	Lab	LCS, rec	5/21/2019	Pesticide	Phorate	n/a	=	110	%	EPA 525.2m	-88	-88	26	180	
2018/19-5	Lab	method blank	6/3/2019	Pesticide	Phorate	n/a	<	0.003	µg/L	EPA 525.2m	0.003	0.01			
2018/19-5	Lab	LCS	6/3/2019	Pesticide	Phorate	n/a	=	0.0504	µg/L	EPA 525.2m	0.003	0.01			
2018/19-5	Lab	LCS, rec	6/3/2019	Pesticide	Phorate	n/a	=	101	%	EPA 525.2m	-88	-88	26	180	
2018/19-5	000NONPJ	matrix spike	5/10/2019	Pesticide	Picloram	n/a	=	4.22	µg/L	EPA 515.4	0.05	0.6			
2018/19-5	000NONPJ	matrix spike, rec	5/10/2019	Pesticide	Picloram	n/a	=	106	%	EPA 515.4	-88	-88	70	130	
2018/19-5	000NONPJ	matrix spike dup	5/10/2019	Pesticide	Picloram	n/a	=	3.99	µg/L	EPA 515.4	0.05	0.6			
2018/19-5	000NONPJ	matrix spike dup, rec	5/10/2019	Pesticide	Picloram	n/a	=	100	%	EPA 515.4	-88	-88	70	130	
2018/19-5	000NONPJ	matrix spike, RPD	5/10/2019	Pesticide	Picloram	n/a	=	6	%	EPA 515.4	-88	-88	0	30	
2018/19-5	000NONPJ	matrix spike	5/16/2019	Pesticide	Picloram	n/a	=	3.96	µg/L	EPA 515.4	0.05	0.6			
2018/19-5	000NONPJ	matrix spike, rec	5/16/2019	Pesticide	Picloram	n/a	=	99	%	EPA 515.4	-88	-88	70	130	
2018/19-5	000NONPJ	matrix spike dup	5/16/2019	Pesticide	Picloram	n/a	=	3.83	µg/L	EPA 515.4	0.05	0.6			
2018/19-5	000NONPJ	matrix spike dup, rec	5/16/2019	Pesticide	Picloram	n/a	=	96	%	EPA 515.4	-88	-88	70	130	
2018/19-5	000NONPJ	matrix spike, RPD	5/16/2019	Pesticide	Picloram	n/a	=	3	%	EPA 515.4	-88	-88	0	30	
2018/19-5	000NONPJ	matrix spike	5/23/2019	Pesticide	Picloram	n/a	=	4.38	µg/L	EPA 515.4	0.05	0.6			
2018/19-5	000NONPJ	matrix spike, rec	5/23/2019	Pesticide	Picloram	n/a	=	110	%	EPA 515.4	-88	-88	70	130	
2018/19-5	000NONPJ	matrix spike dup	5/23/2019	Pesticide	Picloram	n/a	=	4.27	µg/L	EPA 515.4	0.05	0.6			
2018/19-5	000NONPJ	matrix spike dup, rec	5/23/2019	Pesticide	Picloram	n/a	=	107	%	EPA 515.4	-88	-88	70	130	
2018/19-5	000NONPJ	matrix spike, RPD	5/23/2019	Pesticide	Picloram	n/a	=	3	%	EPA 515.4	-88	-88	0	30	
2018/19-5	Lab	method blank	5/10/2019	Pesticide	Picloram	n/a	<	0.05	µg/L	EPA 515.4	0.05	0.6			
2018/19-5	Lab	LCS	5/10/2019	Pesticide	Picloram	n/a	=	3.85	µg/L	EPA 515.4	0.05	0.6			
2018/19-5	Lab	LCS, rec	5/10/2019	Pesticide	Picloram	n/a	=	96	%	EPA 515.4	-88	-88	70	130	
2018/19-5	Lab	method blank	5/15/2019	Pesticide	Picloram	n/a	<	0.05	µg/L	EPA 515.4	0.05	0.6			
2018/19-5	Lab	LCS	5/15/2019	Pesticide	Picloram	n/a	=	3.7	µg/L	EPA 515.4	0.05	0.6			
2018/19-5	Lab	LCS, rec	5/15/2019	Pesticide	Picloram	n/a	=	93	%	EPA 515.4	-88	-88	70	130	
2018/19-5	Lab	method blank	5/23/2019	Pesticide	Picloram	n/a	<	0.05	µg/L	EPA 515.4	0.05	0.6			
2018/19-5	Lab	LCS	5/23/2019	Pesticide	Picloram	n/a	=	4.17	µg/L	EPA 515.4	0.05	0.6			
2018/19-5	Lab	LCS, rec	5/23/2019	Pesticide	Picloram	n/a	=	104	%	EPA 515.4	-88	-88	70	130	
2018/19-5	000NONPJ	matrix spike	5/6/2019	Pesticide	Prometon	n/a	=	5.43	µg/L	EPA 525.2	0.024	0.2			
2018/19-5	000NONPJ	matrix spike, rec	5/6/2019	Pesticide	Prometon	n/a	=	109	%	EPA 525.2	-88	-88	15	120	
2018/19-5	000NONPJ	matrix spike dup	5/6/2019	Pesticide	Prometon	n/a	=	5.25	µg/L	EPA 525.2	0.024	0.2			
2018/19-5	000NONPJ	matrix spike dup, rec	5/6/2019	Pesticide	Prometon	n/a	=	105	%	EPA 525.2	-88	-88	15	120	
2018/19-5	000NONPJ	matrix spike, RPD	5/6/2019	Pesticide	Prometon	n/a	=	3	%	EPA 525.2	-88	-88	0	30	

Appendix F
Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2018/19-5	000NONPJ	matrix spike	5/14/2019	Pesticide	Prometon	n/a	=	4.03	µg/L	EPA 525.2	0.024	0.2			
2018/19-5	000NONPJ	matrix spike, rec	5/14/2019	Pesticide	Prometon	n/a	=	81	%	EPA 525.2	-88	-88	15	120	
2018/19-5	000NONPJ	matrix spike dup	5/14/2019	Pesticide	Prometon	n/a	=	2.65	µg/L	EPA 525.2	0.024	0.2			IL
2018/19-5	000NONPJ	matrix spike dup, rec	5/14/2019	Pesticide	Prometon	n/a	=	53	%	EPA 525.2	-88	-88	15	120	IL
2018/19-5	000NONPJ	matrix spike, RPD	5/14/2019	Pesticide	Prometon	n/a	=	41	%	EPA 525.2	-88	-88	0	30	IL
2018/19-5	Lab	method blank	5/6/2019	Pesticide	Prometon	n/a	<	0.024	µg/L	EPA 525.2	0.024	0.2			
2018/19-5	Lab	LCS	5/6/2019	Pesticide	Prometon	n/a	=	1.81	µg/L	EPA 525.2	0.024	0.2			
2018/19-5	Lab	LCS, rec	5/6/2019	Pesticide	Prometon	n/a	=	36	%	EPA 525.2	-88	-88	15	120	
2018/19-5	Lab	LCS	5/14/2019	Pesticide	Prometon	n/a	=	1.94	µg/L	EPA 525.2	0.024	0.2			
2018/19-5	Lab	LCS, rec	5/14/2019	Pesticide	Prometon	n/a	=	39	%	EPA 525.2	-88	-88	15	120	
2018/19-5	Lab	LCS dup	5/14/2019	Pesticide	Prometon	n/a	=	2.26	µg/L	EPA 525.2	0.024	0.2			
2018/19-5	Lab	LCS dup, rec	5/14/2019	Pesticide	Prometon	n/a	=	45	%	EPA 525.2	-88	-88	15	120	
2018/19-5	Lab	LCS, RPD	5/14/2019	Pesticide	Prometon	n/a	=	15	%	EPA 525.2	-88	-88	0	30	
2018/19-5	Lab	method blank	5/15/2019	Pesticide	Prometon	n/a	<	0.024	µg/L	EPA 525.2	0.024	0.2			
2018/19-5	Lab	method blank	5/16/2019	Pesticide	Prometon	n/a	<	0.024	µg/L	EPA 525.2	0.024	0.2			
2018/19-5	Lab	LCS	5/16/2019	Pesticide	Prometon	n/a	=	1.15	µg/L	EPA 525.2	0.024	0.2			
2018/19-5	Lab	LCS, rec	5/16/2019	Pesticide	Prometon	n/a	=	23	%	EPA 525.2	-88	-88	15	120	
2018/19-5	Lab	LCS dup	5/16/2019	Pesticide	Prometon	n/a	=	2.24	µg/L	EPA 525.2	0.024	0.2			
2018/19-5	Lab	LCS dup, rec	5/16/2019	Pesticide	Prometon	n/a	=	45	%	EPA 525.2	-88	-88	15	120	
2018/19-5	Lab	LCS, RPD	5/16/2019	Pesticide	Prometon	n/a	=	65	%	EPA 525.2	-88	-88	0	30	
2018/19-5	000NONPJ	matrix spike	5/6/2019	Pesticide	Prometryn	n/a	=	5.92	µg/L	EPA 525.2	0.036	0.1			
2018/19-5	000NONPJ	matrix spike, rec	5/6/2019	Pesticide	Prometryn	n/a	=	118	%	EPA 525.2	-88	-88	30	120	
2018/19-5	000NONPJ	matrix spike dup	5/6/2019	Pesticide	Prometryn	n/a	=	5.82	µg/L	EPA 525.2	0.036	0.1			
2018/19-5	000NONPJ	matrix spike dup, rec	5/6/2019	Pesticide	Prometryn	n/a	=	116	%	EPA 525.2	-88	-88	30	120	
2018/19-5	000NONPJ	matrix spike, RPD	5/6/2019	Pesticide	Prometryn	n/a	=	2	%	EPA 525.2	-88	-88	0	30	
2018/19-5	000NONPJ	matrix spike	5/14/2019	Pesticide	Prometryn	n/a	=	5.43	µg/L	EPA 525.2	0.036	0.1			
2018/19-5	000NONPJ	matrix spike, rec	5/14/2019	Pesticide	Prometryn	n/a	=	109	%	EPA 525.2	-88	-88	30	120	
2018/19-5	000NONPJ	matrix spike dup	5/14/2019	Pesticide	Prometryn	n/a	=	4.39	µg/L	EPA 525.2	0.036	0.1			
2018/19-5	000NONPJ	matrix spike dup, rec	5/14/2019	Pesticide	Prometryn	n/a	=	88	%	EPA 525.2	-88	-88	30	120	
2018/19-5	000NONPJ	matrix spike, RPD	5/14/2019	Pesticide	Prometryn	n/a	=	21	%	EPA 525.2	-88	-88	0	30	
2018/19-5	Lab	method blank	5/6/2019	Pesticide	Prometryn	n/a	<	0.036	µg/L	EPA 525.2	0.036	0.1			
2018/19-5	Lab	LCS	5/6/2019	Pesticide	Prometryn	n/a	=	4.24	µg/L	EPA 525.2	0.036	0.1			
2018/19-5	Lab	LCS, rec	5/6/2019	Pesticide	Prometryn	n/a	=	85	%	EPA 525.2	-88	-88	30	120	
2018/19-5	Lab	LCS	5/14/2019	Pesticide	Prometryn	n/a	=	3.92	µg/L	EPA 525.2	0.036	0.1			
2018/19-5	Lab	LCS, rec	5/14/2019	Pesticide	Prometryn	n/a	=	78	%	EPA 525.2	-88	-88	30	120	
2018/19-5	Lab	LCS dup	5/14/2019	Pesticide	Prometryn	n/a	=	4.81	µg/L	EPA 525.2	0.036	0.1			
2018/19-5	Lab	LCS dup, rec	5/14/2019	Pesticide	Prometryn	n/a	=	96	%	EPA 525.2	-88	-88	30	120	
2018/19-5	Lab	LCS, RPD	5/14/2019	Pesticide	Prometryn	n/a	=	20	%	EPA 525.2	-88	-88	0	30	
2018/19-5	Lab	method blank	5/15/2019	Pesticide	Prometryn	n/a	<	0.036	µg/L	EPA 525.2	0.036	0.1			
2018/19-5	Lab	method blank	5/16/2019	Pesticide	Prometryn	n/a	<	0.036	µg/L	EPA 525.2	0.036	0.1			
2018/19-5	Lab	LCS	5/16/2019	Pesticide	Prometryn	n/a	=	4.28	µg/L	EPA 525.2	0.036	0.1			
2018/19-5	Lab	LCS, rec	5/16/2019	Pesticide	Prometryn	n/a	=	86	%	EPA 525.2	-88	-88	30	120	
2018/19-5	Lab	LCS dup	5/16/2019	Pesticide	Prometryn	n/a	=	4.26	µg/L	EPA 525.2	0.036	0.1			
2018/19-5	Lab	LCS dup, rec	5/16/2019	Pesticide	Prometryn	n/a	=	85	%	EPA 525.2	-88	-88	30	120	
2018/19-5	Lab	LCS, RPD	5/16/2019	Pesticide	Prometryn	n/a	=	0.4	%	EPA 525.2	-88	-88	0	30	
2018/19-5	000NONPJ	matrix spike	5/21/2019	Pesticide	Ronnel (Fenclorophos)	n/a	=	0.0515	µg/L	EPA 525.2m	0.0041	0.01			
2018/19-5	000NONPJ	matrix spike, rec	5/21/2019	Pesticide	Ronnel (Fenclorophos)	n/a	=	103	%	EPA 525.2m	-88	-88	29	153	

Appendix F
Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2018/19-5	000NONPJ	matrix spike dup	5/21/2019	Pesticide	Ronnel (Fenclorphos)	n/a	=	0.0586	µg/L	EPA 525.2m	0.0041	0.01			
2018/19-5	000NONPJ	matrix spike dup, rec	5/21/2019	Pesticide	Ronnel (Fenclorphos)	n/a	=	117	%	EPA 525.2m	-88	-88	29	153	
2018/19-5	000NONPJ	matrix spike, RPD	5/21/2019	Pesticide	Ronnel (Fenclorphos)	n/a	=	13	%	EPA 525.2m	-88	-88	0	30	
2018/19-5	000NONPJ	matrix spike	5/21/2019	Pesticide	Ronnel (Fenclorphos)	n/a	=	0.0582	µg/L	EPA 525.2m	0.0041	0.01			
2018/19-5	000NONPJ	matrix spike, rec	5/21/2019	Pesticide	Ronnel (Fenclorphos)	n/a	=	116	%	EPA 525.2m	-88	-88	29	153	
2018/19-5	000NONPJ	matrix spike dup	5/21/2019	Pesticide	Ronnel (Fenclorphos)	n/a	=	0.0634	µg/L	EPA 525.2m	0.0041	0.01			
2018/19-5	000NONPJ	matrix spike dup, rec	5/21/2019	Pesticide	Ronnel (Fenclorphos)	n/a	=	127	%	EPA 525.2m	-88	-88	29	153	
2018/19-5	000NONPJ	matrix spike, RPD	5/21/2019	Pesticide	Ronnel (Fenclorphos)	n/a	=	9	%	EPA 525.2m	-88	-88	0	30	
2018/19-5	000NONPJ	matrix spike	6/3/2019	Pesticide	Ronnel (Fenclorphos)	n/a	=	0.0627	µg/L	EPA 525.2m	0.0041	0.01			
2018/19-5	000NONPJ	matrix spike, rec	6/3/2019	Pesticide	Ronnel (Fenclorphos)	n/a	=	125	%	EPA 525.2m	-88	-88	29	153	
2018/19-5	000NONPJ	matrix spike dup	6/3/2019	Pesticide	Ronnel (Fenclorphos)	n/a	=	0.0642	µg/L	EPA 525.2m	0.0041	0.01			
2018/19-5	000NONPJ	matrix spike dup, rec	6/3/2019	Pesticide	Ronnel (Fenclorphos)	n/a	=	128	%	EPA 525.2m	-88	-88	29	153	
2018/19-5	000NONPJ	matrix spike, RPD	6/3/2019	Pesticide	Ronnel (Fenclorphos)	n/a	=	2	%	EPA 525.2m	-88	-88	0	30	
2018/19-5	Lab	method blank	5/21/2019	Pesticide	Ronnel (Fenclorphos)	n/a	<	0.0041	µg/L	EPA 525.2m	0.0041	0.01			
2018/19-5	Lab	LCS	5/21/2019	Pesticide	Ronnel (Fenclorphos)	n/a	=	0.0515	µg/L	EPA 525.2m	0.0041	0.01			
2018/19-5	Lab	LCS, rec	5/21/2019	Pesticide	Ronnel (Fenclorphos)	n/a	=	103	%	EPA 525.2m	-88	-88	34	154	
2018/19-5	Lab	method blank	5/21/2019	Pesticide	Ronnel (Fenclorphos)	n/a	<	0.0041	µg/L	EPA 525.2m	0.0041	0.01			
2018/19-5	Lab	LCS	5/21/2019	Pesticide	Ronnel (Fenclorphos)	n/a	=	0.0578	µg/L	EPA 525.2m	0.0041	0.01			
2018/19-5	Lab	LCS, rec	5/21/2019	Pesticide	Ronnel (Fenclorphos)	n/a	=	116	%	EPA 525.2m	-88	-88	34	154	
2018/19-5	Lab	method blank	6/3/2019	Pesticide	Ronnel (Fenclorphos)	n/a	<	0.0041	µg/L	EPA 525.2m	0.0041	0.01			
2018/19-5	Lab	LCS	6/3/2019	Pesticide	Ronnel (Fenclorphos)	n/a	=	0.0477	µg/L	EPA 525.2m	0.0041	0.01			
2018/19-5	Lab	LCS, rec	6/3/2019	Pesticide	Ronnel (Fenclorphos)	n/a	=	95	%	EPA 525.2m	-88	-88	34	154	
2018/19-5	000NONPJ	matrix spike	5/6/2019	Pesticide	Simazine	n/a	=	5.16	µg/L	EPA 525.2	0.015	0.1			
2018/19-5	000NONPJ	matrix spike, rec	5/6/2019	Pesticide	Simazine	n/a	=	103	%	EPA 525.2	-88	-88	60	130	
2018/19-5	000NONPJ	matrix spike dup	5/6/2019	Pesticide	Simazine	n/a	=	5.6	µg/L	EPA 525.2	0.015	0.1			
2018/19-5	000NONPJ	matrix spike dup, rec	5/6/2019	Pesticide	Simazine	n/a	=	112	%	EPA 525.2	-88	-88	60	130	
2018/19-5	000NONPJ	matrix spike, RPD	5/6/2019	Pesticide	Simazine	n/a	=	8	%	EPA 525.2	-88	-88	0	30	
2018/19-5	000NONPJ	matrix spike	5/14/2019	Pesticide	Simazine	n/a	=	4.94	µg/L	EPA 525.2	0.015	0.1			
2018/19-5	000NONPJ	matrix spike, rec	5/14/2019	Pesticide	Simazine	n/a	=	99	%	EPA 525.2	-88	-88	60	130	
2018/19-5	000NONPJ	matrix spike dup	5/14/2019	Pesticide	Simazine	n/a	=	4.71	µg/L	EPA 525.2	0.015	0.1			
2018/19-5	000NONPJ	matrix spike dup, rec	5/14/2019	Pesticide	Simazine	n/a	=	94	%	EPA 525.2	-88	-88	60	130	
2018/19-5	000NONPJ	matrix spike, RPD	5/14/2019	Pesticide	Simazine	n/a	=	5	%	EPA 525.2	-88	-88	0	30	
2018/19-5	Lab	method blank	5/6/2019	Pesticide	Simazine	n/a	<	0.015	µg/L	EPA 525.2	0.015	0.1			
2018/19-5	Lab	LCS	5/6/2019	Pesticide	Simazine	n/a	=	4.98	µg/L	EPA 525.2	0.015	0.1			
2018/19-5	Lab	LCS, rec	5/6/2019	Pesticide	Simazine	n/a	=	100	%	EPA 525.2	-88	-88	60	130	
2018/19-5	Lab	LCS	5/14/2019	Pesticide	Simazine	n/a	=	4.69	µg/L	EPA 525.2	0.015	0.1			
2018/19-5	Lab	LCS, rec	5/14/2019	Pesticide	Simazine	n/a	=	94	%	EPA 525.2	-88	-88	60	130	
2018/19-5	Lab	LCS dup	5/14/2019	Pesticide	Simazine	n/a	=	4.45	µg/L	EPA 525.2	0.015	0.1			
2018/19-5	Lab	LCS dup, rec	5/14/2019	Pesticide	Simazine	n/a	=	89	%	EPA 525.2	-88	-88	60	130	
2018/19-5	Lab	LCS, RPD	5/14/2019	Pesticide	Simazine	n/a	=	5	%	EPA 525.2	-88	-88	0	30	
2018/19-5	Lab	method blank	5/15/2019	Pesticide	Simazine	n/a	<	0.015	µg/L	EPA 525.2	0.015	0.1			
2018/19-5	Lab	method blank	5/16/2019	Pesticide	Simazine	n/a	<	0.015	µg/L	EPA 525.2	0.015	0.1			
2018/19-5	Lab	LCS	5/16/2019	Pesticide	Simazine	n/a	=	4.59	µg/L	EPA 525.2	0.015	0.1			
2018/19-5	Lab	LCS, rec	5/16/2019	Pesticide	Simazine	n/a	=	92	%	EPA 525.2	-88	-88	60	130	
2018/19-5	Lab	LCS dup	5/16/2019	Pesticide	Simazine	n/a	=	4.31	µg/L	EPA 525.2	0.015	0.1			
2018/19-5	Lab	LCS dup, rec	5/16/2019	Pesticide	Simazine	n/a	=	86	%	EPA 525.2	-88	-88	60	130	
2018/19-5	Lab	LCS, RPD	5/16/2019	Pesticide	Simazine	n/a	=	6	%	EPA 525.2	-88	-88	0	30	

Appendix F
Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2018/19-5	000NONPJ	matrix spike	5/21/2019	Pesticide	Stirophos (Tetrachlorvinphos)	n/a	=	0.0622	µg/L	EPA 525.2m	0.0031	0.01			
2018/19-5	000NONPJ	matrix spike, rec	5/21/2019	Pesticide	Stirophos (Tetrachlorvinphos)	n/a	=	124	%	EPA 525.2m	-88	-88	0.1	167	
2018/19-5	000NONPJ	matrix spike dup	5/21/2019	Pesticide	Stirophos (Tetrachlorvinphos)	n/a	=	0.0666	µg/L	EPA 525.2m	0.0031	0.01			
2018/19-5	000NONPJ	matrix spike dup, rec	5/21/2019	Pesticide	Stirophos (Tetrachlorvinphos)	n/a	=	133	%	EPA 525.2m	-88	-88	0.1	167	
2018/19-5	000NONPJ	matrix spike, RPD	5/21/2019	Pesticide	Stirophos (Tetrachlorvinphos)	n/a	=	7	%	EPA 525.2m	-88	-88	0	30	
2018/19-5	000NONPJ	matrix spike	5/21/2019	Pesticide	Stirophos (Tetrachlorvinphos)	n/a	=	0.0641	µg/L	EPA 525.2m	0.0031	0.01			
2018/19-5	000NONPJ	matrix spike, rec	5/21/2019	Pesticide	Stirophos (Tetrachlorvinphos)	n/a	=	128	%	EPA 525.2m	-88	-88	0.1	167	
2018/19-5	000NONPJ	matrix spike dup	5/21/2019	Pesticide	Stirophos (Tetrachlorvinphos)	n/a	=	0.0723	µg/L	EPA 525.2m	0.0031	0.01			
2018/19-5	000NONPJ	matrix spike dup, rec	5/21/2019	Pesticide	Stirophos (Tetrachlorvinphos)	n/a	=	145	%	EPA 525.2m	-88	-88	0.1	167	
2018/19-5	000NONPJ	matrix spike, RPD	5/21/2019	Pesticide	Stirophos (Tetrachlorvinphos)	n/a	=	12	%	EPA 525.2m	-88	-88	0	30	
2018/19-5	000NONPJ	matrix spike	6/3/2019	Pesticide	Stirophos (Tetrachlorvinphos)	n/a	=	0.0943	µg/L	EPA 525.2m	0.0031	0.01			GB
2018/19-5	000NONPJ	matrix spike, rec	6/3/2019	Pesticide	Stirophos (Tetrachlorvinphos)	n/a	=	189	%	EPA 525.2m	-88	-88	0.1	167	GB
2018/19-5	000NONPJ	matrix spike dup	6/3/2019	Pesticide	Stirophos (Tetrachlorvinphos)	n/a	=	0.1	µg/L	EPA 525.2m	0.0031	0.01			GB
2018/19-5	000NONPJ	matrix spike dup, rec	6/3/2019	Pesticide	Stirophos (Tetrachlorvinphos)	n/a	=	200	%	EPA 525.2m	-88	-88	0.1	167	GB
2018/19-5	000NONPJ	matrix spike, RPD	6/3/2019	Pesticide	Stirophos (Tetrachlorvinphos)	n/a	=	6	%	EPA 525.2m	-88	-88	0	30	GB
2018/19-5	Lab	method blank	5/21/2019	Pesticide	Stirophos (Tetrachlorvinphos)	n/a	<	0.0031	µg/L	EPA 525.2m	0.0031	0.01			
2018/19-5	Lab	LCS	5/21/2019	Pesticide	Stirophos (Tetrachlorvinphos)	n/a	=	0.0622	µg/L	EPA 525.2m	0.0031	0.01			
2018/19-5	Lab	LCS, rec	5/21/2019	Pesticide	Stirophos (Tetrachlorvinphos)	n/a	=	124	%	EPA 525.2m	-88	-88	0.1	188	
2018/19-5	Lab	method blank	5/21/2019	Pesticide	Stirophos (Tetrachlorvinphos)	n/a	<	0.0031	µg/L	EPA 525.2m	0.0031	0.01			
2018/19-5	Lab	LCS	5/21/2019	Pesticide	Stirophos (Tetrachlorvinphos)	n/a	=	0.0635	µg/L	EPA 525.2m	0.0031	0.01			
2018/19-5	Lab	LCS, rec	5/21/2019	Pesticide	Stirophos (Tetrachlorvinphos)	n/a	=	127	%	EPA 525.2m	-88	-88	0.1	188	
2018/19-5	Lab	method blank	6/3/2019	Pesticide	Stirophos (Tetrachlorvinphos)	n/a	<	0.0031	µg/L	EPA 525.2m	0.0031	0.01			
2018/19-5	Lab	LCS	6/3/2019	Pesticide	Stirophos (Tetrachlorvinphos)	n/a	=	0.0557	µg/L	EPA 525.2m	0.0031	0.01			
2018/19-5	Lab	LCS, rec	6/3/2019	Pesticide	Stirophos (Tetrachlorvinphos)	n/a	=	111	%	EPA 525.2m	-88	-88	0.1	188	
2018/19-5	000NONPJ	matrix spike	5/6/2019	Pesticide	Terbacil	n/a	=	8.19	µg/L	EPA 525.2	0.55	2			GB
2018/19-5	000NONPJ	matrix spike, rec	5/6/2019	Pesticide	Terbacil	n/a	=	164	%	EPA 525.2	-88	-88	70	130	GB
2018/19-5	000NONPJ	matrix spike dup	5/6/2019	Pesticide	Terbacil	n/a	=	8	µg/L	EPA 525.2	0.55	2			GB
2018/19-5	000NONPJ	matrix spike dup, rec	5/6/2019	Pesticide	Terbacil	n/a	=	160	%	EPA 525.2	-88	-88	70	130	GB
2018/19-5	000NONPJ	matrix spike, RPD	5/6/2019	Pesticide	Terbacil	n/a	=	2	%	EPA 525.2	-88	-88	0	30	GB
2018/19-5	000NONPJ	matrix spike	5/14/2019	Pesticide	Terbacil	n/a	=	5.67	µg/L	EPA 525.2	0.55	2			
2018/19-5	000NONPJ	matrix spike, rec	5/14/2019	Pesticide	Terbacil	n/a	=	113	%	EPA 525.2	-88	-88	70	130	
2018/19-5	000NONPJ	matrix spike dup	5/14/2019	Pesticide	Terbacil	n/a	=	5.56	µg/L	EPA 525.2	0.55	2			
2018/19-5	000NONPJ	matrix spike dup, rec	5/14/2019	Pesticide	Terbacil	n/a	=	111	%	EPA 525.2	-88	-88	70	130	
2018/19-5	000NONPJ	matrix spike, RPD	5/14/2019	Pesticide	Terbacil	n/a	=	2	%	EPA 525.2	-88	-88	0	30	
2018/19-5	Lab	method blank	5/6/2019	Pesticide	Terbacil	n/a	<	0.55	µg/L	EPA 525.2	0.55	2			
2018/19-5	Lab	LCS	5/6/2019	Pesticide	Terbacil	n/a	=	4.89	µg/L	EPA 525.2	0.55	2			
2018/19-5	Lab	LCS, rec	5/6/2019	Pesticide	Terbacil	n/a	=	98	%	EPA 525.2	-88	-88	70	130	
2018/19-5	Lab	LCS	5/14/2019	Pesticide	Terbacil	n/a	=	5.67	µg/L	EPA 525.2	0.55	2			
2018/19-5	Lab	LCS, rec	5/14/2019	Pesticide	Terbacil	n/a	=	113	%	EPA 525.2	-88	-88	70	130	
2018/19-5	Lab	LCS dup	5/14/2019	Pesticide	Terbacil	n/a	=	5.34	µg/L	EPA 525.2	0.55	2			
2018/19-5	Lab	LCS dup, rec	5/14/2019	Pesticide	Terbacil	n/a	=	107	%	EPA 525.2	-88	-88	70	130	
2018/19-5	Lab	LCS, RPD	5/14/2019	Pesticide	Terbacil	n/a	=	6	%	EPA 525.2	-88	-88	0	30	
2018/19-5	Lab	method blank	5/15/2019	Pesticide	Terbacil	n/a	<	0.55	µg/L	EPA 525.2	0.55	2			
2018/19-5	Lab	method blank	5/16/2019	Pesticide	Terbacil	n/a	<	0.55	µg/L	EPA 525.2	0.55	2			
2018/19-5	Lab	LCS	5/16/2019	Pesticide	Terbacil	n/a	=	5.28	µg/L	EPA 525.2	0.55	2			
2018/19-5	Lab	LCS, rec	5/16/2019	Pesticide	Terbacil	n/a	=	106	%	EPA 525.2	-88	-88	70	130	
2018/19-5	Lab	LCS dup	5/16/2019	Pesticide	Terbacil	n/a	=	5.11	µg/L	EPA 525.2	0.55	2			

Appendix F
Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2018/19-5	Lab	LCS dup, rec	5/16/2019	Pesticide	Terbacil	n/a	=	102	%	EPA 525.2	-88	-88	70	130	
2018/19-5	Lab	LCS, RPD	5/16/2019	Pesticide	Terbacil	n/a	=	3	%	EPA 525.2	-88	-88	0	30	
2018/19-5	000NONPJ	matrix spike	5/6/2019	Pesticide	Thiobencarb	n/a	=	5.7	µg/L	EPA 525.2	0.025	0.2			
2018/19-5	000NONPJ	matrix spike, rec	5/6/2019	Pesticide	Thiobencarb	n/a	=	114	%	EPA 525.2	-88	-88	70	130	
2018/19-5	000NONPJ	matrix spike dup	5/6/2019	Pesticide	Thiobencarb	n/a	=	5.89	µg/L	EPA 525.2	0.025	0.2			
2018/19-5	000NONPJ	matrix spike dup, rec	5/6/2019	Pesticide	Thiobencarb	n/a	=	118	%	EPA 525.2	-88	-88	70	130	
2018/19-5	000NONPJ	matrix spike, RPD	5/6/2019	Pesticide	Thiobencarb	n/a	=	3	%	EPA 525.2	-88	-88	0	30	
2018/19-5	000NONPJ	matrix spike	5/14/2019	Pesticide	Thiobencarb	n/a	=	4.85	µg/L	EPA 525.2	0.025	0.2			
2018/19-5	000NONPJ	matrix spike, rec	5/14/2019	Pesticide	Thiobencarb	n/a	=	97	%	EPA 525.2	-88	-88	70	130	
2018/19-5	000NONPJ	matrix spike dup	5/14/2019	Pesticide	Thiobencarb	n/a	=	4.69	µg/L	EPA 525.2	0.025	0.2			
2018/19-5	000NONPJ	matrix spike dup, rec	5/14/2019	Pesticide	Thiobencarb	n/a	=	94	%	EPA 525.2	-88	-88	70	130	
2018/19-5	000NONPJ	matrix spike, RPD	5/14/2019	Pesticide	Thiobencarb	n/a	=	3	%	EPA 525.2	-88	-88	0	30	
2018/19-5	Lab	method blank	5/6/2019	Pesticide	Thiobencarb	n/a	<	0.025	µg/L	EPA 525.2	0.025	0.2			
2018/19-5	Lab	LCS	5/6/2019	Pesticide	Thiobencarb	n/a	=	4.58	µg/L	EPA 525.2	0.025	0.2			
2018/19-5	Lab	LCS, rec	5/6/2019	Pesticide	Thiobencarb	n/a	=	92	%	EPA 525.2	-88	-88	70	130	
2018/19-5	Lab	LCS	5/14/2019	Pesticide	Thiobencarb	n/a	=	4.56	µg/L	EPA 525.2	0.025	0.2			
2018/19-5	Lab	LCS, rec	5/14/2019	Pesticide	Thiobencarb	n/a	=	91	%	EPA 525.2	-88	-88	70	130	
2018/19-5	Lab	LCS dup	5/14/2019	Pesticide	Thiobencarb	n/a	=	4.44	µg/L	EPA 525.2	0.025	0.2			
2018/19-5	Lab	LCS dup, rec	5/14/2019	Pesticide	Thiobencarb	n/a	=	89	%	EPA 525.2	-88	-88	70	130	
2018/19-5	Lab	LCS, RPD	5/14/2019	Pesticide	Thiobencarb	n/a	=	2	%	EPA 525.2	-88	-88	0	30	
2018/19-5	Lab	method blank	5/15/2019	Pesticide	Thiobencarb	n/a	<	0.025	µg/L	EPA 525.2	0.025	0.2			
2018/19-5	Lab	method blank	5/16/2019	Pesticide	Thiobencarb	n/a	<	0.025	µg/L	EPA 525.2	0.025	0.2			
2018/19-5	Lab	LCS	5/16/2019	Pesticide	Thiobencarb	n/a	=	4.7	µg/L	EPA 525.2	0.025	0.2			
2018/19-5	Lab	LCS, rec	5/16/2019	Pesticide	Thiobencarb	n/a	=	94	%	EPA 525.2	-88	-88	70	130	
2018/19-5	Lab	LCS dup	5/16/2019	Pesticide	Thiobencarb	n/a	=	4.46	µg/L	EPA 525.2	0.025	0.2			
2018/19-5	Lab	LCS dup, rec	5/16/2019	Pesticide	Thiobencarb	n/a	=	89	%	EPA 525.2	-88	-88	70	130	
2018/19-5	Lab	LCS, RPD	5/16/2019	Pesticide	Thiobencarb	n/a	=	5	%	EPA 525.2	-88	-88	0	30	
2018/19-5	000NONPJ	matrix spike	5/21/2019	Pesticide	Tokuthion	n/a	=	0.0454	µg/L	EPA 525.2m	0.0078	0.01			
2018/19-5	000NONPJ	matrix spike, rec	5/21/2019	Pesticide	Tokuthion	n/a	=	91	%	EPA 525.2m	-88	-88	27	160	
2018/19-5	000NONPJ	matrix spike dup	5/21/2019	Pesticide	Tokuthion	n/a	=	0.0475	µg/L	EPA 525.2m	0.0078	0.01			
2018/19-5	000NONPJ	matrix spike dup, rec	5/21/2019	Pesticide	Tokuthion	n/a	=	95	%	EPA 525.2m	-88	-88	27	160	
2018/19-5	000NONPJ	matrix spike, RPD	5/21/2019	Pesticide	Tokuthion	n/a	=	4	%	EPA 525.2m	-88	-88	0	30	
2018/19-5	000NONPJ	matrix spike	5/21/2019	Pesticide	Tokuthion	n/a	=	0.0488	µg/L	EPA 525.2m	0.0078	0.01			
2018/19-5	000NONPJ	matrix spike, rec	5/21/2019	Pesticide	Tokuthion	n/a	=	98	%	EPA 525.2m	-88	-88	27	160	
2018/19-5	000NONPJ	matrix spike dup	5/21/2019	Pesticide	Tokuthion	n/a	=	0.0639	µg/L	EPA 525.2m	0.0078	0.01			
2018/19-5	000NONPJ	matrix spike dup, rec	5/21/2019	Pesticide	Tokuthion	n/a	=	128	%	EPA 525.2m	-88	-88	27	160	
2018/19-5	000NONPJ	matrix spike, RPD	5/21/2019	Pesticide	Tokuthion	n/a	=	27	%	EPA 525.2m	-88	-88	0	30	
2018/19-5	000NONPJ	matrix spike	6/3/2019	Pesticide	Tokuthion	n/a	=	0.0334	µg/L	EPA 525.2m	0.0078	0.01			
2018/19-5	000NONPJ	matrix spike, rec	6/3/2019	Pesticide	Tokuthion	n/a	=	67	%	EPA 525.2m	-88	-88	27	160	
2018/19-5	000NONPJ	matrix spike dup	6/3/2019	Pesticide	Tokuthion	n/a	=	0.0403	µg/L	EPA 525.2m	0.0078	0.01			
2018/19-5	000NONPJ	matrix spike dup, rec	6/3/2019	Pesticide	Tokuthion	n/a	=	81	%	EPA 525.2m	-88	-88	27	160	
2018/19-5	000NONPJ	matrix spike, RPD	6/3/2019	Pesticide	Tokuthion	n/a	=	19	%	EPA 525.2m	-88	-88	0	30	
2018/19-5	Lab	method blank	5/21/2019	Pesticide	Tokuthion	n/a	<	0.0078	µg/L	EPA 525.2m	0.0078	0.01			
2018/19-5	Lab	LCS	5/21/2019	Pesticide	Tokuthion	n/a	=	0.0454	µg/L	EPA 525.2m	0.0078	0.01			
2018/19-5	Lab	LCS, rec	5/21/2019	Pesticide	Tokuthion	n/a	=	91	%	EPA 525.2m	-88	-88	23	159	
2018/19-5	Lab	method blank	5/21/2019	Pesticide	Tokuthion	n/a	<	0.0078	µg/L	EPA 525.2m	0.0078	0.01			
2018/19-5	Lab	LCS	5/21/2019	Pesticide	Tokuthion	n/a	=	0.0588	µg/L	EPA 525.2m	0.0078	0.01			

Appendix F
Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2018/19-5	Lab	LCS, rec	5/21/2019	Pesticide	Tokuthion	n/a	=	118	%	EPA 525.2m	-88	-88	23	159	
2018/19-5	Lab	method blank	6/3/2019	Pesticide	Tokuthion	n/a	<	0.0078	µg/L	EPA 525.2m	0.0078	0.01			
2018/19-5	Lab	LCS	6/3/2019	Pesticide	Tokuthion	n/a	=	0.0445	µg/L	EPA 525.2m	0.0078	0.01			
2018/19-5	Lab	LCS, rec	6/3/2019	Pesticide	Tokuthion	n/a	=	89	%	EPA 525.2m	-88	-88	23	159	
2018/19-5	000NONPJ	matrix spike	5/21/2019	Pesticide	Trichloronate	n/a	=	0.0471	µg/L	EPA 525.2m	0.0067	0.01			
2018/19-5	000NONPJ	matrix spike, rec	5/21/2019	Pesticide	Trichloronate	n/a	=	94	%	EPA 525.2m	-88	-88	40	150	
2018/19-5	000NONPJ	matrix spike dup	5/21/2019	Pesticide	Trichloronate	n/a	=	0.0533	µg/L	EPA 525.2m	0.0067	0.01			
2018/19-5	000NONPJ	matrix spike dup, rec	5/21/2019	Pesticide	Trichloronate	n/a	=	107	%	EPA 525.2m	-88	-88	40	150	
2018/19-5	000NONPJ	matrix spike, RPD	5/21/2019	Pesticide	Trichloronate	n/a	=	12	%	EPA 525.2m	-88	-88	0	30	
2018/19-5	000NONPJ	matrix spike	5/21/2019	Pesticide	Trichloronate	n/a	=	0.0528	µg/L	EPA 525.2m	0.0067	0.01			
2018/19-5	000NONPJ	matrix spike, rec	5/21/2019	Pesticide	Trichloronate	n/a	=	106	%	EPA 525.2m	-88	-88	40	150	
2018/19-5	000NONPJ	matrix spike dup	5/21/2019	Pesticide	Trichloronate	n/a	=	0.0553	µg/L	EPA 525.2m	0.0067	0.01			
2018/19-5	000NONPJ	matrix spike dup, rec	5/21/2019	Pesticide	Trichloronate	n/a	=	111	%	EPA 525.2m	-88	-88	40	150	
2018/19-5	000NONPJ	matrix spike, RPD	5/21/2019	Pesticide	Trichloronate	n/a	=	5	%	EPA 525.2m	-88	-88	0	30	
2018/19-5	000NONPJ	matrix spike	6/3/2019	Pesticide	Trichloronate	n/a	=	0.061	µg/L	EPA 525.2m	0.0067	0.01			
2018/19-5	000NONPJ	matrix spike, rec	6/3/2019	Pesticide	Trichloronate	n/a	=	122	%	EPA 525.2m	-88	-88	40	150	
2018/19-5	000NONPJ	matrix spike dup	6/3/2019	Pesticide	Trichloronate	n/a	=	0.061	µg/L	EPA 525.2m	0.0067	0.01			
2018/19-5	000NONPJ	matrix spike dup, rec	6/3/2019	Pesticide	Trichloronate	n/a	=	122	%	EPA 525.2m	-88	-88	40	150	
2018/19-5	000NONPJ	matrix spike, RPD	6/3/2019	Pesticide	Trichloronate	n/a	=	0.02	%	EPA 525.2m	-88	-88	0	30	
2018/19-5	Lab	method blank	5/21/2019	Pesticide	Trichloronate	n/a	<	0.0067	µg/L	EPA 525.2m	0.0067	0.01			
2018/19-5	Lab	LCS	5/21/2019	Pesticide	Trichloronate	n/a	=	0.0471	µg/L	EPA 525.2m	0.0067	0.01			
2018/19-5	Lab	LCS, rec	5/21/2019	Pesticide	Trichloronate	n/a	=	94	%	EPA 525.2m	-88	-88	34	153	
2018/19-5	Lab	method blank	5/21/2019	Pesticide	Trichloronate	n/a	<	0.0067	µg/L	EPA 525.2m	0.0067	0.01			
2018/19-5	Lab	LCS	5/21/2019	Pesticide	Trichloronate	n/a	=	0.0516	µg/L	EPA 525.2m	0.0067	0.01			
2018/19-5	Lab	LCS, rec	5/21/2019	Pesticide	Trichloronate	n/a	=	103	%	EPA 525.2m	-88	-88	34	153	
2018/19-5	Lab	method blank	6/3/2019	Pesticide	Trichloronate	n/a	<	0.0067	µg/L	EPA 525.2m	0.0067	0.01			
2018/19-5	Lab	LCS	6/3/2019	Pesticide	Trichloronate	n/a	=	0.0426	µg/L	EPA 525.2m	0.0067	0.01			
2018/19-5	Lab	LCS, rec	6/3/2019	Pesticide	Trichloronate	n/a	=	85	%	EPA 525.2m	-88	-88	34	153	
2018/19-5	000NONPJ	matrix spike	5/6/2019	Pesticide	Trithion	n/a	=	5.22	µg/L	EPA 525.2	0.012	0.1			
2018/19-5	000NONPJ	matrix spike, rec	5/6/2019	Pesticide	Trithion	n/a	=	104	%	EPA 525.2	-88	-88	70	130	
2018/19-5	000NONPJ	matrix spike dup	5/6/2019	Pesticide	Trithion	n/a	=	5.23	µg/L	EPA 525.2	0.012	0.1			
2018/19-5	000NONPJ	matrix spike dup, rec	5/6/2019	Pesticide	Trithion	n/a	=	105	%	EPA 525.2	-88	-88	70	130	
2018/19-5	000NONPJ	matrix spike, RPD	5/6/2019	Pesticide	Trithion	n/a	=	0.2	%	EPA 525.2	-88	-88	0	30	
2018/19-5	000NONPJ	matrix spike	5/14/2019	Pesticide	Trithion	n/a	=	4.35	µg/L	EPA 525.2	0.012	0.1			
2018/19-5	000NONPJ	matrix spike, rec	5/14/2019	Pesticide	Trithion	n/a	=	87	%	EPA 525.2	-88	-88	70	130	
2018/19-5	000NONPJ	matrix spike dup	5/14/2019	Pesticide	Trithion	n/a	=	4.5	µg/L	EPA 525.2	0.012	0.1			
2018/19-5	000NONPJ	matrix spike dup, rec	5/14/2019	Pesticide	Trithion	n/a	=	90	%	EPA 525.2	-88	-88	70	130	
2018/19-5	000NONPJ	matrix spike, RPD	5/14/2019	Pesticide	Trithion	n/a	=	3	%	EPA 525.2	-88	-88	0	30	
2018/19-5	Lab	method blank	5/6/2019	Pesticide	Trithion	n/a	<	0.012	µg/L	EPA 525.2	0.012	0.1			
2018/19-5	Lab	LCS	5/6/2019	Pesticide	Trithion	n/a	=	4.12	µg/L	EPA 525.2	0.012	0.1			
2018/19-5	Lab	LCS, rec	5/6/2019	Pesticide	Trithion	n/a	=	82	%	EPA 525.2	-88	-88	70	130	
2018/19-5	Lab	LCS	5/14/2019	Pesticide	Trithion	n/a	=	4.36	µg/L	EPA 525.2	0.012	0.1			
2018/19-5	Lab	LCS, rec	5/14/2019	Pesticide	Trithion	n/a	=	87	%	EPA 525.2	-88	-88	70	130	
2018/19-5	Lab	LCS dup	5/14/2019	Pesticide	Trithion	n/a	=	4.26	µg/L	EPA 525.2	0.012	0.1			
2018/19-5	Lab	LCS dup, rec	5/14/2019	Pesticide	Trithion	n/a	=	85	%	EPA 525.2	-88	-88	70	130	
2018/19-5	Lab	LCS, RPD	5/14/2019	Pesticide	Trithion	n/a	=	2	%	EPA 525.2	-88	-88	0	30	
2018/19-5	Lab	method blank	5/15/2019	Pesticide	Trithion	n/a	<	0.012	µg/L	EPA 525.2	0.012	0.1			

Appendix F
Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2018/19-5	Lab	method blank	5/16/2019	Pesticide	Trithion	n/a	<	0.012	µg/L	EPA 525.2	0.012	0.1			
2018/19-5	Lab	LCS	5/16/2019	Pesticide	Trithion	n/a	=	4.14	µg/L	EPA 525.2	0.012	0.1			
2018/19-5	Lab	LCS, rec	5/16/2019	Pesticide	Trithion	n/a	=	83	%	EPA 525.2	-88	-88	70	130	
2018/19-5	Lab	LCS dup	5/16/2019	Pesticide	Trithion	n/a	=	4.21	µg/L	EPA 525.2	0.012	0.1			
2018/19-5	Lab	LCS dup, rec	5/16/2019	Pesticide	Trithion	n/a	=	84	%	EPA 525.2	-88	-88	70	130	
2018/19-5	Lab	LCS, RPD	5/16/2019	Pesticide	Trithion	n/a	=	1	%	EPA 525.2	-88	-88	0	30	
2018/19-PRE	Carboy Blank	equip blank	8/15/2018	Metal	Aluminum	Total	<	1.3	µg/L	EPA 200.8	1.3	5			
2018/19-PRE	Lab	method blank	8/15/2018	Metal	Aluminum	Total	<	1.3	µg/L	EPA 200.8	1.3	5			
2018/19-PRE	Lab	LCS	8/15/2018	Metal	Aluminum	Total	=	48.5	µg/L	EPA 200.8	1.3	5			
2018/19-PRE	Lab	LCS, rec	8/15/2018	Metal	Aluminum	Total	=	97	%	EPA 200.8	-88	-88	85	115	
2018/19-PRE	Tubing Blank	equip blank	8/15/2018	Metal	Aluminum	Total	DNQ	1.4	µg/L	EPA 200.8	1.3	5			
2018/19-PRE	Tubing Blank	matrix spike	8/15/2018	Metal	Aluminum	Total	=	50.1	µg/L	EPA 200.8	1.3	5			
2018/19-PRE	Tubing Blank	matrix spike, rec	8/15/2018	Metal	Aluminum	Total	=	97	%	EPA 200.8	-88	-88	70	130	
2018/19-PRE	Tubing Blank	matrix spike dup	8/15/2018	Metal	Aluminum	Total	=	51.6	µg/L	EPA 200.8	1.3	5			
2018/19-PRE	Tubing Blank	matrix spike dup, rec	8/15/2018	Metal	Aluminum	Total	=	100	%	EPA 200.8	-88	-88	70	130	
2018/19-PRE	Tubing Blank	matrix spike, RPD	8/15/2018	Metal	Aluminum	Total	=	3	%	EPA 200.8	-88	-88	0	30	
2018/19-PRE	Carboy Blank	equip blank	8/15/2018	Metal	Antimony	Total	<	0.045	µg/L	EPA 200.8	0.045	0.5			
2018/19-PRE	Lab	method blank	8/15/2018	Metal	Antimony	Total	<	0.045	µg/L	EPA 200.8	0.045	0.5			
2018/19-PRE	Lab	LCS	8/15/2018	Metal	Antimony	Total	=	49.4	µg/L	EPA 200.8	0.045	0.5			
2018/19-PRE	Lab	LCS, rec	8/15/2018	Metal	Antimony	Total	=	99	%	EPA 200.8	-88	-88	85	115	
2018/19-PRE	Tubing Blank	equip blank	8/15/2018	Metal	Antimony	Total	<	0.045	µg/L	EPA 200.8	0.045	0.5			
2018/19-PRE	Tubing Blank	matrix spike	8/15/2018	Metal	Antimony	Total	=	49	µg/L	EPA 200.8	0.045	0.5			
2018/19-PRE	Tubing Blank	matrix spike, rec	8/15/2018	Metal	Antimony	Total	=	98	%	EPA 200.8	-88	-88	70	130	
2018/19-PRE	Tubing Blank	matrix spike dup	8/15/2018	Metal	Antimony	Total	=	47.8	µg/L	EPA 200.8	0.045	0.5			
2018/19-PRE	Tubing Blank	matrix spike dup, rec	8/15/2018	Metal	Antimony	Total	=	96	%	EPA 200.8	-88	-88	70	130	
2018/19-PRE	Tubing Blank	matrix spike, RPD	8/15/2018	Metal	Antimony	Total	=	2	%	EPA 200.8	-88	-88	0	30	
2018/19-PRE	Carboy Blank	equip blank	8/15/2018	Metal	Arsenic	Total	<	0.074	µg/L	EPA 200.8	0.074	0.4			
2018/19-PRE	Lab	method blank	8/15/2018	Metal	Arsenic	Total	<	0.074	µg/L	EPA 200.8	0.074	0.4			
2018/19-PRE	Lab	LCS	8/15/2018	Metal	Arsenic	Total	=	48.1	µg/L	EPA 200.8	0.074	0.4			
2018/19-PRE	Lab	LCS, rec	8/15/2018	Metal	Arsenic	Total	=	96	%	EPA 200.8	-88	-88	85	115	
2018/19-PRE	Tubing Blank	equip blank	8/15/2018	Metal	Arsenic	Total	<	0.074	µg/L	EPA 200.8	0.074	0.4			
2018/19-PRE	Tubing Blank	matrix spike	8/15/2018	Metal	Arsenic	Total	=	47.6	µg/L	EPA 200.8	0.074	0.4			
2018/19-PRE	Tubing Blank	matrix spike, rec	8/15/2018	Metal	Arsenic	Total	=	95	%	EPA 200.8	-88	-88	70	130	
2018/19-PRE	Tubing Blank	matrix spike dup	8/15/2018	Metal	Arsenic	Total	=	47	µg/L	EPA 200.8	0.074	0.4			
2018/19-PRE	Tubing Blank	matrix spike dup, rec	8/15/2018	Metal	Arsenic	Total	=	94	%	EPA 200.8	-88	-88	70	130	
2018/19-PRE	Tubing Blank	matrix spike, RPD	8/15/2018	Metal	Arsenic	Total	=	1	%	EPA 200.8	-88	-88	0	30	
2018/19-PRE	Carboy Blank	equip blank	8/15/2018	Metal	Beryllium	Total	<	0.033	µg/L	EPA 200.8	0.033	0.1			
2018/19-PRE	Lab	method blank	8/15/2018	Metal	Beryllium	Total	<	0.033	µg/L	EPA 200.8	0.033	0.1			
2018/19-PRE	Lab	LCS	8/15/2018	Metal	Beryllium	Total	=	47.5	µg/L	EPA 200.8	0.033	0.1			
2018/19-PRE	Lab	LCS, rec	8/15/2018	Metal	Beryllium	Total	=	95	%	EPA 200.8	-88	-88	85	115	
2018/19-PRE	Tubing Blank	equip blank	8/15/2018	Metal	Beryllium	Total	<	0.033	µg/L	EPA 200.8	0.033	0.1			
2018/19-PRE	Tubing Blank	matrix spike	8/15/2018	Metal	Beryllium	Total	=	45.3	µg/L	EPA 200.8	0.033	0.1			
2018/19-PRE	Tubing Blank	matrix spike, rec	8/15/2018	Metal	Beryllium	Total	=	91	%	EPA 200.8	-88	-88	70	130	
2018/19-PRE	Tubing Blank	matrix spike dup	8/15/2018	Metal	Beryllium	Total	=	44.9	µg/L	EPA 200.8	0.033	0.1			
2018/19-PRE	Tubing Blank	matrix spike dup, rec	8/15/2018	Metal	Beryllium	Total	=	90	%	EPA 200.8	-88	-88	70	130	
2018/19-PRE	Tubing Blank	matrix spike, RPD	8/15/2018	Metal	Beryllium	Total	=	1	%	EPA 200.8	-88	-88	0	30	
2018/19-PRE	Carboy Blank	equip blank	8/15/2018	Metal	Cadmium	Total	<	0.041	µg/L	EPA 200.8	0.041	0.1			

Appendix F
Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2018/19-PRE	Lab	method blank	8/15/2018	Metal	Cadmium	Total	<	0.041	µg/L	EPA 200.8	0.041	0.1			
2018/19-PRE	Lab	LCS	8/15/2018	Metal	Cadmium	Total	=	48.5	µg/L	EPA 200.8	0.041	0.1			
2018/19-PRE	Lab	LCS, rec	8/15/2018	Metal	Cadmium	Total	=	97	%	EPA 200.8	-88	-88	85	115	
2018/19-PRE	Tubing Blank	equip blank	8/15/2018	Metal	Cadmium	Total	<	0.041	µg/L	EPA 200.8	0.041	0.1			
2018/19-PRE	Tubing Blank	matrix spike	8/15/2018	Metal	Cadmium	Total	=	47.6	µg/L	EPA 200.8	0.041	0.1			
2018/19-PRE	Tubing Blank	matrix spike, rec	8/15/2018	Metal	Cadmium	Total	=	95	%	EPA 200.8	-88	-88	70	130	
2018/19-PRE	Tubing Blank	matrix spike dup	8/15/2018	Metal	Cadmium	Total	=	47.6	µg/L	EPA 200.8	0.041	0.1			
2018/19-PRE	Tubing Blank	matrix spike dup, rec	8/15/2018	Metal	Cadmium	Total	=	95	%	EPA 200.8	-88	-88	70	130	
2018/19-PRE	Tubing Blank	matrix spike, RPD	8/15/2018	Metal	Cadmium	Total	=	0.02	%	EPA 200.8	-88	-88	0	30	
2018/19-PRE	Carboy Blank	equip blank	8/15/2018	Metal	Chromium	Total	DNQ	0.05	µg/L	EPA 200.8	0.035	0.2			
2018/19-PRE	Lab	method blank	8/15/2018	Metal	Chromium	Total	<	0.035	µg/L	EPA 200.8	0.035	0.2			
2018/19-PRE	Lab	LCS	8/15/2018	Metal	Chromium	Total	=	48.2	µg/L	EPA 200.8	0.035	0.2			
2018/19-PRE	Lab	LCS, rec	8/15/2018	Metal	Chromium	Total	=	96	%	EPA 200.8	-88	-88	85	115	
2018/19-PRE	Tubing Blank	equip blank	8/15/2018	Metal	Chromium	Total	<	0.035	µg/L	EPA 200.8	0.035	0.2			
2018/19-PRE	Tubing Blank	matrix spike	8/15/2018	Metal	Chromium	Total	=	47.9	µg/L	EPA 200.8	0.035	0.2			
2018/19-PRE	Tubing Blank	matrix spike, rec	8/15/2018	Metal	Chromium	Total	=	96	%	EPA 200.8	-88	-88	70	130	
2018/19-PRE	Tubing Blank	matrix spike dup	8/15/2018	Metal	Chromium	Total	=	47.3	µg/L	EPA 200.8	0.035	0.2			
2018/19-PRE	Tubing Blank	matrix spike dup, rec	8/15/2018	Metal	Chromium	Total	=	95	%	EPA 200.8	-88	-88	70	130	
2018/19-PRE	Tubing Blank	matrix spike, RPD	8/15/2018	Metal	Chromium	Total	=	1	%	EPA 200.8	-88	-88	0	30	
2018/19-PRE	Carboy Blank	equip blank	8/15/2018	Metal	Copper	Total	DNQ	0.43	µg/L	EPA 200.8	0.13	0.5			
2018/19-PRE	Lab	method blank	8/15/2018	Metal	Copper	Total	<	0.13	µg/L	EPA 200.8	0.13	0.5			
2018/19-PRE	Lab	LCS	8/15/2018	Metal	Copper	Total	=	49.8	µg/L	EPA 200.8	0.13	0.5			
2018/19-PRE	Lab	LCS, rec	8/15/2018	Metal	Copper	Total	=	100	%	EPA 200.8	-88	-88	85	115	
2018/19-PRE	Tubing Blank	equip blank	8/15/2018	Metal	Copper	Total	DNQ	0.29	µg/L	EPA 200.8	0.13	0.5			
2018/19-PRE	Tubing Blank	matrix spike	8/15/2018	Metal	Copper	Total	=	49.1	µg/L	EPA 200.8	0.13	0.5			
2018/19-PRE	Tubing Blank	matrix spike, rec	8/15/2018	Metal	Copper	Total	=	98	%	EPA 200.8	-88	-88	70	130	
2018/19-PRE	Tubing Blank	matrix spike dup	8/15/2018	Metal	Copper	Total	=	48.9	µg/L	EPA 200.8	0.13	0.5			
2018/19-PRE	Tubing Blank	matrix spike dup, rec	8/15/2018	Metal	Copper	Total	=	97	%	EPA 200.8	-88	-88	70	130	
2018/19-PRE	Tubing Blank	matrix spike, RPD	8/15/2018	Metal	Copper	Total	=	0.4	%	EPA 200.8	-88	-88	0	30	
2018/19-PRE	Carboy Blank	matrix spike	8/24/2018	Metal	Iron	Total	=	1920	µg/L	EPA 200.8	0.91	20			
2018/19-PRE	Carboy Blank	matrix spike, rec	8/24/2018	Metal	Iron	Total	=	94	%	EPA 200.8	-88	-88	70	130	
2018/19-PRE	Carboy Blank	matrix spike dup	8/24/2018	Metal	Iron	Total	=	2030	µg/L	EPA 200.8	0.91	20			
2018/19-PRE	Carboy Blank	matrix spike dup, rec	8/24/2018	Metal	Iron	Total	=	99	%	EPA 200.8	-88	-88	70	130	
2018/19-PRE	Carboy Blank	matrix spike, RPD	8/24/2018	Metal	Iron	Total	=	6	%	EPA 200.8	-88	-88	0	30	
2018/19-PRE	Carboy Blank	equip blank	8/24/2018	Metal	Iron	Total	<	0.91	µg/L	EPA 200.8	0.91	20			
2018/19-PRE	Lab	method blank	8/24/2018	Metal	Iron	Total	<	0.91	µg/L	EPA 200.8	0.91	20			
2018/19-PRE	Lab	LCS	8/24/2018	Metal	Iron	Total	=	2050	µg/L	EPA 200.8	0.91	20			
2018/19-PRE	Lab	LCS, rec	8/24/2018	Metal	Iron	Total	=	100	%	EPA 200.8	-88	-88	85	115	
2018/19-PRE	Tubing Blank	equip blank	8/24/2018	Metal	Iron	Total	<	0.91	µg/L	EPA 200.8	0.91	20			
2018/19-PRE	Carboy Blank	equip blank	8/15/2018	Metal	Lead	Total	<	0.031	µg/L	EPA 200.8	0.031	0.2			
2018/19-PRE	Lab	method blank	8/15/2018	Metal	Lead	Total	<	0.031	µg/L	EPA 200.8	0.031	0.2			
2018/19-PRE	Lab	LCS	8/15/2018	Metal	Lead	Total	=	48.6	µg/L	EPA 200.8	0.031	0.2			
2018/19-PRE	Lab	LCS, rec	8/15/2018	Metal	Lead	Total	=	97	%	EPA 200.8	-88	-88	85	115	
2018/19-PRE	Tubing Blank	equip blank	8/15/2018	Metal	Lead	Total	<	0.031	µg/L	EPA 200.8	0.031	0.2			
2018/19-PRE	Tubing Blank	matrix spike	8/15/2018	Metal	Lead	Total	=	47.6	µg/L	EPA 200.8	0.031	0.2			
2018/19-PRE	Tubing Blank	matrix spike, rec	8/15/2018	Metal	Lead	Total	=	95	%	EPA 200.8	-88	-88	70	130	
2018/19-PRE	Tubing Blank	matrix spike dup	8/15/2018	Metal	Lead	Total	=	46.7	µg/L	EPA 200.8	0.031	0.2			

Appendix F
Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2018/19-PRE	Tubing Blank	matrix spike dup, rec	8/15/2018	Metal	Lead	Total	=	93	%	EPA 200.8	-88	-88	70	130	
2018/19-PRE	Tubing Blank	matrix spike, RPD	8/15/2018	Metal	Lead	Total	=	2	%	EPA 200.8	-88	-88	0	30	
2018/19-PRE	Carboy Blank	equip blank	8/15/2018	Metal	Nickel	Total	<	0.045	µg/L	EPA 200.8	0.045	0.8			
2018/19-PRE	Lab	method blank	8/15/2018	Metal	Nickel	Total	<	0.045	µg/L	EPA 200.8	0.045	0.8			
2018/19-PRE	Lab	LCS	8/15/2018	Metal	Nickel	Total	=	48.6	µg/L	EPA 200.8	0.045	0.8			
2018/19-PRE	Lab	LCS, rec	8/15/2018	Metal	Nickel	Total	=	97	%	EPA 200.8	-88	-88	85	115	
2018/19-PRE	Tubing Blank	equip blank	8/15/2018	Metal	Nickel	Total	DNQ	0.16	µg/L	EPA 200.8	0.045	0.8			
2018/19-PRE	Tubing Blank	matrix spike	8/15/2018	Metal	Nickel	Total	=	48.1	µg/L	EPA 200.8	0.045	0.8			
2018/19-PRE	Tubing Blank	matrix spike, rec	8/15/2018	Metal	Nickel	Total	=	96	%	EPA 200.8	-88	-88	70	130	
2018/19-PRE	Tubing Blank	matrix spike dup	8/15/2018	Metal	Nickel	Total	=	47.7	µg/L	EPA 200.8	0.045	0.8			
2018/19-PRE	Tubing Blank	matrix spike dup, rec	8/15/2018	Metal	Nickel	Total	=	95	%	EPA 200.8	-88	-88	70	130	
2018/19-PRE	Tubing Blank	matrix spike, RPD	8/15/2018	Metal	Nickel	Total	=	0.8	%	EPA 200.8	-88	-88	0	30	
2018/19-PRE	Carboy Blank	equip blank	8/15/2018	Metal	Selenium	Total	<	0.14	µg/L	EPA 200.8	0.14	0.4			
2018/19-PRE	Lab	method blank	8/15/2018	Metal	Selenium	Total	<	0.14	µg/L	EPA 200.8	0.14	0.4			
2018/19-PRE	Lab	LCS	8/15/2018	Metal	Selenium	Total	=	49.1	µg/L	EPA 200.8	0.14	0.4			
2018/19-PRE	Lab	LCS, rec	8/15/2018	Metal	Selenium	Total	=	98	%	EPA 200.8	-88	-88	85	115	
2018/19-PRE	Tubing Blank	equip blank	8/15/2018	Metal	Selenium	Total	<	0.14	µg/L	EPA 200.8	0.14	0.4			
2018/19-PRE	Tubing Blank	matrix spike	8/15/2018	Metal	Selenium	Total	=	48.4	µg/L	EPA 200.8	0.14	0.4			
2018/19-PRE	Tubing Blank	matrix spike, rec	8/15/2018	Metal	Selenium	Total	=	97	%	EPA 200.8	-88	-88	70	130	
2018/19-PRE	Tubing Blank	matrix spike dup	8/15/2018	Metal	Selenium	Total	=	49.2	µg/L	EPA 200.8	0.14	0.4			
2018/19-PRE	Tubing Blank	matrix spike dup, rec	8/15/2018	Metal	Selenium	Total	=	99	%	EPA 200.8	-88	-88	70	130	
2018/19-PRE	Tubing Blank	matrix spike, RPD	8/15/2018	Metal	Selenium	Total	=	2	%	EPA 200.8	-88	-88	0	30	
2018/19-PRE	Carboy Blank	equip blank	8/15/2018	Metal	Silver	Total	<	0.062	µg/L	EPA 200.8	0.062	0.2			
2018/19-PRE	Lab	method blank	8/15/2018	Metal	Silver	Total	<	0.062	µg/L	EPA 200.8	0.062	0.2			
2018/19-PRE	Lab	LCS	8/15/2018	Metal	Silver	Total	=	50.8	µg/L	EPA 200.8	0.062	0.2			
2018/19-PRE	Lab	LCS, rec	8/15/2018	Metal	Silver	Total	=	102	%	EPA 200.8	-88	-88	85	115	
2018/19-PRE	Tubing Blank	equip blank	8/15/2018	Metal	Silver	Total	<	0.062	µg/L	EPA 200.8	0.062	0.2			
2018/19-PRE	Tubing Blank	matrix spike	8/15/2018	Metal	Silver	Total	=	48.6	µg/L	EPA 200.8	0.062	0.2			
2018/19-PRE	Tubing Blank	matrix spike, rec	8/15/2018	Metal	Silver	Total	=	97	%	EPA 200.8	-88	-88	70	130	
2018/19-PRE	Tubing Blank	matrix spike dup	8/15/2018	Metal	Silver	Total	=	47.8	µg/L	EPA 200.8	0.062	0.2			
2018/19-PRE	Tubing Blank	matrix spike dup, rec	8/15/2018	Metal	Silver	Total	=	96	%	EPA 200.8	-88	-88	70	130	
2018/19-PRE	Tubing Blank	matrix spike, RPD	8/15/2018	Metal	Silver	Total	=	2	%	EPA 200.8	-88	-88	0	30	
2018/19-PRE	Carboy Blank	equip blank	8/15/2018	Metal	Thallium	Total	<	0.014	µg/L	EPA 200.8	0.014	0.2			
2018/19-PRE	Lab	method blank	8/15/2018	Metal	Thallium	Total	<	0.014	µg/L	EPA 200.8	0.014	0.2			
2018/19-PRE	Lab	LCS	8/15/2018	Metal	Thallium	Total	=	49.3	µg/L	EPA 200.8	0.014	0.2			
2018/19-PRE	Lab	LCS, rec	8/15/2018	Metal	Thallium	Total	=	99	%	EPA 200.8	-88	-88	85	115	
2018/19-PRE	Tubing Blank	equip blank	8/15/2018	Metal	Thallium	Total	<	0.014	µg/L	EPA 200.8	0.014	0.2			
2018/19-PRE	Tubing Blank	matrix spike	8/15/2018	Metal	Thallium	Total	=	47.4	µg/L	EPA 200.8	0.014	0.2			
2018/19-PRE	Tubing Blank	matrix spike, rec	8/15/2018	Metal	Thallium	Total	=	95	%	EPA 200.8	-88	-88	70	130	
2018/19-PRE	Tubing Blank	matrix spike dup	8/15/2018	Metal	Thallium	Total	=	46.8	µg/L	EPA 200.8	0.014	0.2			
2018/19-PRE	Tubing Blank	matrix spike dup, rec	8/15/2018	Metal	Thallium	Total	=	94	%	EPA 200.8	-88	-88	70	130	
2018/19-PRE	Tubing Blank	matrix spike, RPD	8/15/2018	Metal	Thallium	Total	=	1	%	EPA 200.8	-88	-88	0	30	
2018/19-PRE	Carboy Blank	equip blank	8/15/2018	Metal	Zinc	Total	<	0.94	µg/L	EPA 200.8	0.94	5			
2018/19-PRE	Lab	method blank	8/15/2018	Metal	Zinc	Total	<	0.94	µg/L	EPA 200.8	0.94	5			
2018/19-PRE	Lab	LCS	8/15/2018	Metal	Zinc	Total	=	52.6	µg/L	EPA 200.8	0.94	5			
2018/19-PRE	Lab	LCS, rec	8/15/2018	Metal	Zinc	Total	=	105	%	EPA 200.8	-88	-88	85	115	
2018/19-PRE	Tubing Blank	equip blank	8/15/2018	Metal	Zinc	Total	<	0.94	µg/L	EPA 200.8	0.94	5			

Appendix F
Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2018/19-PRE	Tubing Blank	matrix spike	8/15/2018	Metal	Zinc	Total	=	51.2	µg/L	EPA 200.8	0.94	5			
2018/19-PRE	Tubing Blank	matrix spike, rec	8/15/2018	Metal	Zinc	Total	=	102	%	EPA 200.8	-88	-88	70	130	
2018/19-PRE	Tubing Blank	matrix spike dup	8/15/2018	Metal	Zinc	Total	=	53.2	µg/L	EPA 200.8	0.94	5			
2018/19-PRE	Tubing Blank	matrix spike dup, rec	8/15/2018	Metal	Zinc	Total	=	107	%	EPA 200.8	-88	-88	70	130	
2018/19-PRE	Tubing Blank	matrix spike, RPD	8/15/2018	Metal	Zinc	Total	=	4	%	EPA 200.8	-88	-88	0	30	
2018/19-PRE	000NONPJ	matrix spike	8/28/2018	Nutrient	Nitrate + Nitrite as N	n/a	=	8.17	mg/L	EPA 353.2	0.083	0.2			
2018/19-PRE	000NONPJ	matrix spike, rec	8/28/2018	Nutrient	Nitrate + Nitrite as N	n/a	=	102	%	EPA 353.2	-88	-88	90	110	
2018/19-PRE	000NONPJ	matrix spike dup	8/28/2018	Nutrient	Nitrate + Nitrite as N	n/a	=	8.16	mg/L	EPA 353.2	0.083	0.2			
2018/19-PRE	000NONPJ	matrix spike dup, rec	8/28/2018	Nutrient	Nitrate + Nitrite as N	n/a	=	102	%	EPA 353.2	-88	-88	90	110	
2018/19-PRE	000NONPJ	matrix spike, RPD	8/28/2018	Nutrient	Nitrate + Nitrite as N	n/a	=	0.1	%	EPA 353.2	-88	-88	0	20	
2018/19-PRE	000NONPJ	matrix spike	8/28/2018	Nutrient	Nitrate + Nitrite as N	n/a	=	2	mg/L	EPA 353.2	0.083	0.2			
2018/19-PRE	000NONPJ	matrix spike, rec	8/28/2018	Nutrient	Nitrate + Nitrite as N	n/a	=	100	%	EPA 353.2	-88	-88	90	110	
2018/19-PRE	000NONPJ	matrix spike dup	8/28/2018	Nutrient	Nitrate + Nitrite as N	n/a	=	1.98	mg/L	EPA 353.2	0.083	0.2			
2018/19-PRE	000NONPJ	matrix spike dup, rec	8/28/2018	Nutrient	Nitrate + Nitrite as N	n/a	=	99	%	EPA 353.2	-88	-88	90	110	
2018/19-PRE	000NONPJ	matrix spike, RPD	8/28/2018	Nutrient	Nitrate + Nitrite as N	n/a	=	1	%	EPA 353.2	-88	-88	0	20	
2018/19-PRE	Carboy Blank	equip blank	8/28/2018	Nutrient	Nitrate + Nitrite as N	n/a	<	0.083	mg/L	EPA 353.2	0.083	0.2			
2018/19-PRE	Lab	method blank	8/28/2018	Nutrient	Nitrate + Nitrite as N	n/a	<	0.083	mg/L	EPA 353.2	0.083	0.2			
2018/19-PRE	Lab	LCS	8/28/2018	Nutrient	Nitrate + Nitrite as N	n/a	=	0.993	mg/L	EPA 353.2	0.083	0.2			
2018/19-PRE	Lab	LCS, rec	8/28/2018	Nutrient	Nitrate + Nitrite as N	n/a	=	99	%	EPA 353.2	-88	-88	90	110	
2018/19-PRE	Tubing Blank	equip blank	8/28/2018	Nutrient	Nitrate + Nitrite as N	n/a	<	0.083	mg/L	EPA 353.2	0.083	0.2			
2018/19-PRE	000NONPJ	matrix spike dup	8/30/2018	Organic	1,2,4-Trichlorobenzene	n/a	=	17.4	µg/L	EPA 625	0.55	1			
2018/19-PRE	000NONPJ	matrix spike dup, rec	8/30/2018	Organic	1,2,4-Trichlorobenzene	n/a	=	70	%	EPA 625	-88	-88	44	142	
2018/19-PRE	000NONPJ	matrix spike, RPD	8/30/2018	Organic	1,2,4-Trichlorobenzene	n/a	=	10	%	EPA 625	-88	-88	0	30	
2018/19-PRE	000NONPJ	matrix spike	8/30/2018	Organic	1,2,4-Trichlorobenzene	n/a	=	15.8	µg/L	EPA 625	0.55	1			
2018/19-PRE	000NONPJ	matrix spike, rec	8/30/2018	Organic	1,2,4-Trichlorobenzene	n/a	=	63	%	EPA 625	-88	-88	44	142	
2018/19-PRE	Carboy Blank	equip blank	8/30/2018	Organic	1,2,4-Trichlorobenzene	n/a	<	0.55	µg/L	EPA 625	0.55	1			
2018/19-PRE	Lab	method blank	8/30/2018	Organic	1,2,4-Trichlorobenzene	n/a	<	0.55	µg/L	EPA 625	0.55	1			
2018/19-PRE	Lab	LCS	8/30/2018	Organic	1,2,4-Trichlorobenzene	n/a	=	16.2	µg/L	EPA 625	0.55	1			
2018/19-PRE	Lab	LCS, rec	8/30/2018	Organic	1,2,4-Trichlorobenzene	n/a	=	65	%	EPA 625	-88	-88	44	142	
2018/19-PRE	Tubing Blank	equip blank	8/30/2018	Organic	1,2,4-Trichlorobenzene	n/a	<	0.55	µg/L	EPA 625	0.55	1			
2018/19-PRE	000NONPJ	matrix spike dup	8/30/2018	Organic	1,2-Dichlorobenzene	n/a	=	17.7	µg/L	EPA 625	0.57	1			
2018/19-PRE	000NONPJ	matrix spike dup, rec	8/30/2018	Organic	1,2-Dichlorobenzene	n/a	=	71	%	EPA 625	-88	-88	32	129	
2018/19-PRE	000NONPJ	matrix spike, RPD	8/30/2018	Organic	1,2-Dichlorobenzene	n/a	=	10	%	EPA 625	-88	-88	0	30	
2018/19-PRE	000NONPJ	matrix spike	8/30/2018	Organic	1,2-Dichlorobenzene	n/a	=	16	µg/L	EPA 625	0.57	1			
2018/19-PRE	000NONPJ	matrix spike, rec	8/30/2018	Organic	1,2-Dichlorobenzene	n/a	=	64	%	EPA 625	-88	-88	32	129	
2018/19-PRE	Carboy Blank	equip blank	8/30/2018	Organic	1,2-Dichlorobenzene	n/a	<	0.57	µg/L	EPA 625	0.57	1			
2018/19-PRE	Lab	method blank	8/30/2018	Organic	1,2-Dichlorobenzene	n/a	<	0.57	µg/L	EPA 625	0.57	1			
2018/19-PRE	Lab	LCS	8/30/2018	Organic	1,2-Dichlorobenzene	n/a	=	16.5	µg/L	EPA 625	0.57	1			
2018/19-PRE	Lab	LCS, rec	8/30/2018	Organic	1,2-Dichlorobenzene	n/a	=	66	%	EPA 625	-88	-88	32	129	
2018/19-PRE	Tubing Blank	equip blank	8/30/2018	Organic	1,2-Dichlorobenzene	n/a	<	0.57	µg/L	EPA 625	0.57	1			
2018/19-PRE	Carboy Blank	equip blank	8/30/2018	Organic	1,2-Diphenylhydrazine	n/a	<	0.25	µg/L	EPA 625	0.25	1			
2018/19-PRE	Lab	method blank	8/30/2018	Organic	1,2-Diphenylhydrazine	n/a	<	0.25	µg/L	EPA 625	0.25	1			
2018/19-PRE	Tubing Blank	equip blank	8/30/2018	Organic	1,2-Diphenylhydrazine	n/a	<	0.25	µg/L	EPA 625	0.25	1			
2018/19-PRE	000NONPJ	matrix spike dup	8/30/2018	Organic	1,3-Dichlorobenzene	n/a	=	17.1	µg/L	EPA 625	0.53	1			
2018/19-PRE	000NONPJ	matrix spike dup, rec	8/30/2018	Organic	1,3-Dichlorobenzene	n/a	=	68	%	EPA 625	-88	-88	0.1	172	
2018/19-PRE	000NONPJ	matrix spike, RPD	8/30/2018	Organic	1,3-Dichlorobenzene	n/a	=	10	%	EPA 625	-88	-88	0	30	
2018/19-PRE	000NONPJ	matrix spike	8/30/2018	Organic	1,3-Dichlorobenzene	n/a	=	15.5	µg/L	EPA 625	0.53	1			

Appendix F
Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2018/19-PRE	000NONPJ	matrix spike, rec	8/30/2018	Organic	1,3-Dichlorobenzene	n/a	=	62	%	EPA 625	-88	-88	0.1	172	
2018/19-PRE	Carboy Blank	equip blank	8/30/2018	Organic	1,3-Dichlorobenzene	n/a	<	0.53	µg/L	EPA 625	0.53	1			
2018/19-PRE	Lab	method blank	8/30/2018	Organic	1,3-Dichlorobenzene	n/a	<	0.53	µg/L	EPA 625	0.53	1			
2018/19-PRE	Lab	LCS	8/30/2018	Organic	1,3-Dichlorobenzene	n/a	=	16	µg/L	EPA 625	0.53	1			
2018/19-PRE	Lab	LCS, rec	8/30/2018	Organic	1,3-Dichlorobenzene	n/a	=	64	%	EPA 625	-88	-88	0.1	172	
2018/19-PRE	Tubing Blank	equip blank	8/30/2018	Organic	1,3-Dichlorobenzene	n/a	<	0.53	µg/L	EPA 625	0.53	1			
2018/19-PRE	Carboy Blank	srgt equip blank	8/29/2018	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	5.15	µg/L	EPA 525.2	-88	-88			
2018/19-PRE	Carboy Blank	srgt equip blank, rec	8/29/2018	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	103	%	EPA 525.2	-88	-88	70	130	
2018/19-PRE	Lab	srgt method blank	8/29/2018	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	5.04	µg/L	EPA 525.2	-88	-88			
2018/19-PRE	Lab	srgt method blank, rec	8/29/2018	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	101	%	EPA 525.2	-88	-88	70	130	
2018/19-PRE	Lab	srgt LCS	8/29/2018	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	5.01	µg/L	EPA 525.2	-88	-88			
2018/19-PRE	Lab	srgt LCS, rec	8/29/2018	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	100	%	EPA 525.2	-88	-88	70	130	
2018/19-PRE	Lab	srgt LCS dup	8/29/2018	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	5.14	µg/L	EPA 525.2	-88	-88			
2018/19-PRE	Lab	srgt LCS dup, rec	8/29/2018	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	103	%	EPA 525.2	-88	-88	70	130	
2018/19-PRE	Tubing Blank	srgt equip blank	8/29/2018	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	5.04	µg/L	EPA 525.2	-88	-88			
2018/19-PRE	Tubing Blank	srgt equip blank, rec	8/29/2018	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	101	%	EPA 525.2	-88	-88	70	130	
2018/19-PRE	000NONPJ	matrix spike dup	8/30/2018	Organic	1,4-Dichlorobenzene	n/a	=	17.3	µg/L	EPA 625	0.55	1			
2018/19-PRE	000NONPJ	matrix spike dup, rec	8/30/2018	Organic	1,4-Dichlorobenzene	n/a	=	69	%	EPA 625	-88	-88	20	124	
2018/19-PRE	000NONPJ	matrix spike, RPD	8/30/2018	Organic	1,4-Dichlorobenzene	n/a	=	9	%	EPA 625	-88	-88	0	30	
2018/19-PRE	000NONPJ	matrix spike	8/30/2018	Organic	1,4-Dichlorobenzene	n/a	=	15.8	µg/L	EPA 625	0.55	1			
2018/19-PRE	000NONPJ	matrix spike, rec	8/30/2018	Organic	1,4-Dichlorobenzene	n/a	=	63	%	EPA 625	-88	-88	20	124	
2018/19-PRE	Carboy Blank	equip blank	8/30/2018	Organic	1,4-Dichlorobenzene	n/a	<	0.55	µg/L	EPA 625	0.55	1			
2018/19-PRE	Lab	method blank	8/30/2018	Organic	1,4-Dichlorobenzene	n/a	<	0.55	µg/L	EPA 625	0.55	1			
2018/19-PRE	Lab	LCS	8/30/2018	Organic	1,4-Dichlorobenzene	n/a	=	16.2	µg/L	EPA 625	0.55	1			
2018/19-PRE	Lab	LCS, rec	8/30/2018	Organic	1,4-Dichlorobenzene	n/a	=	65	%	EPA 625	-88	-88	20	124	
2018/19-PRE	Tubing Blank	equip blank	8/30/2018	Organic	1,4-Dichlorobenzene	n/a	<	0.55	µg/L	EPA 625	0.55	1			
2018/19-PRE	000NONPJ	srgt matrix spike dup	8/30/2018	Organic	2,4,6-Tribromophenol	n/a	=	39.5	µg/L	EPA 625	-88	-88			
2018/19-PRE	000NONPJ	srgt matrix spike dup, rec	8/30/2018	Organic	2,4,6-Tribromophenol	n/a	=	79	%	EPA 625	-88	-88	25	102	
2018/19-PRE	000NONPJ	srgt matrix spike	8/30/2018	Organic	2,4,6-Tribromophenol	n/a	=	35.5	µg/L	EPA 625	-88	-88			
2018/19-PRE	000NONPJ	srgt matrix spike, rec	8/30/2018	Organic	2,4,6-Tribromophenol	n/a	=	71	%	EPA 625	-88	-88	25	102	
2018/19-PRE	Carboy Blank	srgt equip blank	8/30/2018	Organic	2,4,6-Tribromophenol	n/a	=	15.2	µg/L	EPA 625	-88	-88			
2018/19-PRE	Carboy Blank	srgt equip blank, rec	8/30/2018	Organic	2,4,6-Tribromophenol	n/a	=	30	%	EPA 625	-88	-88	25	102	
2018/19-PRE	Lab	srgt method blank	8/30/2018	Organic	2,4,6-Tribromophenol	n/a	=	25.8	µg/L	EPA 625	-88	-88			
2018/19-PRE	Lab	srgt method blank, rec	8/30/2018	Organic	2,4,6-Tribromophenol	n/a	=	52	%	EPA 625	-88	-88	25	102	
2018/19-PRE	Lab	srgt LCS	8/30/2018	Organic	2,4,6-Tribromophenol	n/a	=	36.4	µg/L	EPA 625	-88	-88			
2018/19-PRE	Lab	srgt LCS, rec	8/30/2018	Organic	2,4,6-Tribromophenol	n/a	=	73	%	EPA 625	-88	-88	25	102	
2018/19-PRE	Tubing Blank	srgt equip blank	8/30/2018	Organic	2,4,6-Tribromophenol	n/a	=	26.6	µg/L	EPA 625	-88	-88			
2018/19-PRE	Tubing Blank	srgt equip blank, rec	8/30/2018	Organic	2,4,6-Tribromophenol	n/a	=	53	%	EPA 625	-88	-88	25	102	
2018/19-PRE	000NONPJ	matrix spike dup	8/30/2018	Organic	2,4,6-Trichlorophenol	n/a	=	16.9	µg/L	EPA 625	0.22	1			
2018/19-PRE	000NONPJ	matrix spike dup, rec	8/30/2018	Organic	2,4,6-Trichlorophenol	n/a	=	68	%	EPA 625	-88	-88	37	144	
2018/19-PRE	000NONPJ	matrix spike, RPD	8/30/2018	Organic	2,4,6-Trichlorophenol	n/a	=	13	%	EPA 625	-88	-88	0	30	
2018/19-PRE	000NONPJ	matrix spike	8/30/2018	Organic	2,4,6-Trichlorophenol	n/a	=	14.9	µg/L	EPA 625	0.22	1			
2018/19-PRE	000NONPJ	matrix spike, rec	8/30/2018	Organic	2,4,6-Trichlorophenol	n/a	=	60	%	EPA 625	-88	-88	37	144	
2018/19-PRE	Carboy Blank	equip blank	8/30/2018	Organic	2,4,6-Trichlorophenol	n/a	<	0.22	µg/L	EPA 625	0.22	1			
2018/19-PRE	Lab	method blank	8/30/2018	Organic	2,4,6-Trichlorophenol	n/a	<	0.22	µg/L	EPA 625	0.22	1			
2018/19-PRE	Lab	LCS	8/30/2018	Organic	2,4,6-Trichlorophenol	n/a	=	15.4	µg/L	EPA 625	0.22	1			
2018/19-PRE	Lab	LCS, rec	8/30/2018	Organic	2,4,6-Trichlorophenol	n/a	=	61	%	EPA 625	-88	-88	37	144	

Appendix F
Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2018/19-PRE	Tubing Blank	equip blank	8/30/2018	Organic	2,4,6-Trichlorophenol	n/a	<	0.22	µg/L	EPA 625	0.22	1			
2018/19-PRE	000NONPJ	matrix spike dup	8/30/2018	Organic	2,4-Dichlorophenol	n/a	=	17.9	µg/L	EPA 625	0.26	1			
2018/19-PRE	000NONPJ	matrix spike dup, rec	8/30/2018	Organic	2,4-Dichlorophenol	n/a	=	71	%	EPA 625	-88	-88	39	135	
2018/19-PRE	000NONPJ	matrix spike, RPD	8/30/2018	Organic	2,4-Dichlorophenol	n/a	=	9	%	EPA 625	-88	-88	0	30	
2018/19-PRE	000NONPJ	matrix spike	8/30/2018	Organic	2,4-Dichlorophenol	n/a	=	16.3	µg/L	EPA 625	0.26	1			
2018/19-PRE	000NONPJ	matrix spike, rec	8/30/2018	Organic	2,4-Dichlorophenol	n/a	=	65	%	EPA 625	-88	-88	39	135	
2018/19-PRE	Carboy Blank	equip blank	8/30/2018	Organic	2,4-Dichlorophenol	n/a	<	0.26	µg/L	EPA 625	0.26	1			
2018/19-PRE	Lab	method blank	8/30/2018	Organic	2,4-Dichlorophenol	n/a	<	0.26	µg/L	EPA 625	0.26	1			
2018/19-PRE	Lab	LCS	8/30/2018	Organic	2,4-Dichlorophenol	n/a	=	16.2	µg/L	EPA 625	0.26	1			
2018/19-PRE	Lab	LCS, rec	8/30/2018	Organic	2,4-Dichlorophenol	n/a	=	65	%	EPA 625	-88	-88	39	135	
2018/19-PRE	Tubing Blank	equip blank	8/30/2018	Organic	2,4-Dichlorophenol	n/a	<	0.26	µg/L	EPA 625	0.26	1			
2018/19-PRE	000NONPJ	matrix spike dup	8/30/2018	Organic	2,4-Dimethylphenol	n/a	=	3.3	µg/L	EPA 625	0.3	1			GB
2018/19-PRE	000NONPJ	matrix spike dup, rec	8/30/2018	Organic	2,4-Dimethylphenol	n/a	=	13	%	EPA 625	-88	-88	32	119	GB
2018/19-PRE	000NONPJ	matrix spike, RPD	8/30/2018	Organic	2,4-Dimethylphenol	n/a	=	124	%	EPA 625	-88	-88	0	30	IL
2018/19-PRE	000NONPJ	matrix spike	8/30/2018	Organic	2,4-Dimethylphenol	n/a	=	14.2	µg/L	EPA 625	0.3	1			
2018/19-PRE	000NONPJ	matrix spike, rec	8/30/2018	Organic	2,4-Dimethylphenol	n/a	=	57	%	EPA 625	-88	-88	32	119	
2018/19-PRE	Carboy Blank	equip blank	8/30/2018	Organic	2,4-Dimethylphenol	n/a	<	0.3	µg/L	EPA 625	0.3	1			
2018/19-PRE	Lab	method blank	8/30/2018	Organic	2,4-Dimethylphenol	n/a	<	0.3	µg/L	EPA 625	0.3	1			
2018/19-PRE	Lab	LCS	8/30/2018	Organic	2,4-Dimethylphenol	n/a	=	12.6	µg/L	EPA 625	0.3	1			
2018/19-PRE	Lab	LCS, rec	8/30/2018	Organic	2,4-Dimethylphenol	n/a	=	50	%	EPA 625	-88	-88	32	119	
2018/19-PRE	Tubing Blank	equip blank	8/30/2018	Organic	2,4-Dimethylphenol	n/a	<	0.3	µg/L	EPA 625	0.3	1			
2018/19-PRE	000NONPJ	matrix spike dup	8/30/2018	Organic	2,4-Dinitrophenol	n/a	=	26	µg/L	EPA 625	1.6	10			
2018/19-PRE	000NONPJ	matrix spike dup, rec	8/30/2018	Organic	2,4-Dinitrophenol	n/a	=	104	%	EPA 625	-88	-88	0.1	191	
2018/19-PRE	000NONPJ	matrix spike, RPD	8/30/2018	Organic	2,4-Dinitrophenol	n/a	=	22	%	EPA 625	-88	-88	0	30	
2018/19-PRE	000NONPJ	matrix spike	8/30/2018	Organic	2,4-Dinitrophenol	n/a	=	20.8	µg/L	EPA 625	1.6	10			
2018/19-PRE	000NONPJ	matrix spike, rec	8/30/2018	Organic	2,4-Dinitrophenol	n/a	=	83	%	EPA 625	-88	-88	0.1	191	
2018/19-PRE	Carboy Blank	equip blank	8/30/2018	Organic	2,4-Dinitrophenol	n/a	<	1.6	µg/L	EPA 625	1.6	10			
2018/19-PRE	Lab	method blank	8/30/2018	Organic	2,4-Dinitrophenol	n/a	<	1.6	µg/L	EPA 625	1.6	10			
2018/19-PRE	Lab	LCS	8/30/2018	Organic	2,4-Dinitrophenol	n/a	=	10.6	µg/L	EPA 625	1.6	10			
2018/19-PRE	Lab	LCS, rec	8/30/2018	Organic	2,4-Dinitrophenol	n/a	=	42	%	EPA 625	-88	-88	0.1	191	
2018/19-PRE	Tubing Blank	equip blank	8/30/2018	Organic	2,4-Dinitrophenol	n/a	<	1.6	µg/L	EPA 625	1.6	10			
2018/19-PRE	000NONPJ	matrix spike dup	8/30/2018	Organic	2,4-Dinitrotoluene	n/a	=	22	µg/L	EPA 625	0.18	1			
2018/19-PRE	000NONPJ	matrix spike dup, rec	8/30/2018	Organic	2,4-Dinitrotoluene	n/a	=	88	%	EPA 625	-88	-88	39	139	
2018/19-PRE	000NONPJ	matrix spike, RPD	8/30/2018	Organic	2,4-Dinitrotoluene	n/a	=	12	%	EPA 625	-88	-88	0	30	
2018/19-PRE	000NONPJ	matrix spike	8/30/2018	Organic	2,4-Dinitrotoluene	n/a	=	19.6	µg/L	EPA 625	0.18	1			
2018/19-PRE	000NONPJ	matrix spike, rec	8/30/2018	Organic	2,4-Dinitrotoluene	n/a	=	78	%	EPA 625	-88	-88	39	139	
2018/19-PRE	Carboy Blank	equip blank	8/30/2018	Organic	2,4-Dinitrotoluene	n/a	<	0.18	µg/L	EPA 625	0.18	1			
2018/19-PRE	Lab	method blank	8/30/2018	Organic	2,4-Dinitrotoluene	n/a	<	0.18	µg/L	EPA 625	0.18	1			
2018/19-PRE	Lab	LCS	8/30/2018	Organic	2,4-Dinitrotoluene	n/a	=	20.3	µg/L	EPA 625	0.18	1			
2018/19-PRE	Lab	LCS, rec	8/30/2018	Organic	2,4-Dinitrotoluene	n/a	=	81	%	EPA 625	-88	-88	39	139	
2018/19-PRE	Tubing Blank	equip blank	8/30/2018	Organic	2,4-Dinitrotoluene	n/a	<	0.18	µg/L	EPA 625	0.18	1			
2018/19-PRE	000NONPJ	matrix spike dup	8/30/2018	Organic	2,6-Dinitrotoluene	n/a	=	18.3	µg/L	EPA 625	0.27	1			
2018/19-PRE	000NONPJ	matrix spike dup, rec	8/30/2018	Organic	2,6-Dinitrotoluene	n/a	=	73	%	EPA 625	-88	-88	50	158	
2018/19-PRE	000NONPJ	matrix spike, RPD	8/30/2018	Organic	2,6-Dinitrotoluene	n/a	=	14	%	EPA 625	-88	-88	0	30	
2018/19-PRE	000NONPJ	matrix spike	8/30/2018	Organic	2,6-Dinitrotoluene	n/a	=	15.9	µg/L	EPA 625	0.27	1			
2018/19-PRE	000NONPJ	matrix spike, rec	8/30/2018	Organic	2,6-Dinitrotoluene	n/a	=	64	%	EPA 625	-88	-88	50	158	
2018/19-PRE	Carboy Blank	equip blank	8/30/2018	Organic	2,6-Dinitrotoluene	n/a	<	0.27	µg/L	EPA 625	0.27	1			

Appendix F
Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2018/19-PRE	Lab	method blank	8/30/2018	Organic	2,6-Dinitrotoluene	n/a	<	0.27	µg/L	EPA 625	0.27	1			
2018/19-PRE	Lab	LCS	8/30/2018	Organic	2,6-Dinitrotoluene	n/a	=	17.5	µg/L	EPA 625	0.27	1			
2018/19-PRE	Lab	LCS, rec	8/30/2018	Organic	2,6-Dinitrotoluene	n/a	=	70	%	EPA 625	-88	-88	50	158	
2018/19-PRE	Tubing Blank	equip blank	8/30/2018	Organic	2,6-Dinitrotoluene	n/a	<	0.27	µg/L	EPA 625	0.27	1			
2018/19-PRE	000NONPJ	matrix spike dup	8/30/2018	Organic	2-Chloronaphthalene	n/a	=	18.2	µg/L	EPA 625	0.45	1			
2018/19-PRE	000NONPJ	matrix spike dup, rec	8/30/2018	Organic	2-Chloronaphthalene	n/a	=	73	%	EPA 625	-88	-88	60	118	
2018/19-PRE	000NONPJ	matrix spike, RPD	8/30/2018	Organic	2-Chloronaphthalene	n/a	=	15	%	EPA 625	-88	-88	0	30	
2018/19-PRE	000NONPJ	matrix spike	8/30/2018	Organic	2-Chloronaphthalene	n/a	=	15.8	µg/L	EPA 625	0.45	1			
2018/19-PRE	000NONPJ	matrix spike, rec	8/30/2018	Organic	2-Chloronaphthalene	n/a	=	63	%	EPA 625	-88	-88	60	118	
2018/19-PRE	Carboy Blank	equip blank	8/30/2018	Organic	2-Chloronaphthalene	n/a	<	0.45	µg/L	EPA 625	0.45	1			
2018/19-PRE	Lab	method blank	8/30/2018	Organic	2-Chloronaphthalene	n/a	<	0.45	µg/L	EPA 625	0.45	1			
2018/19-PRE	Lab	LCS	8/30/2018	Organic	2-Chloronaphthalene	n/a	=	16.8	µg/L	EPA 625	0.45	1			
2018/19-PRE	Lab	LCS, rec	8/30/2018	Organic	2-Chloronaphthalene	n/a	=	67	%	EPA 625	-88	-88	60	118	
2018/19-PRE	Tubing Blank	equip blank	8/30/2018	Organic	2-Chloronaphthalene	n/a	<	0.45	µg/L	EPA 625	0.45	1			
2018/19-PRE	000NONPJ	matrix spike dup	8/30/2018	Organic	2-Chlorophenol	n/a	=	17.2	µg/L	EPA 625	0.28	1			
2018/19-PRE	000NONPJ	matrix spike dup, rec	8/30/2018	Organic	2-Chlorophenol	n/a	=	69	%	EPA 625	-88	-88	23	134	
2018/19-PRE	000NONPJ	matrix spike, RPD	8/30/2018	Organic	2-Chlorophenol	n/a	=	10	%	EPA 625	-88	-88	0	30	
2018/19-PRE	000NONPJ	matrix spike	8/30/2018	Organic	2-Chlorophenol	n/a	=	15.6	µg/L	EPA 625	0.28	1			
2018/19-PRE	000NONPJ	matrix spike, rec	8/30/2018	Organic	2-Chlorophenol	n/a	=	62	%	EPA 625	-88	-88	23	134	
2018/19-PRE	Carboy Blank	equip blank	8/30/2018	Organic	2-Chlorophenol	n/a	<	0.28	µg/L	EPA 625	0.28	1			
2018/19-PRE	Lab	method blank	8/30/2018	Organic	2-Chlorophenol	n/a	<	0.28	µg/L	EPA 625	0.28	1			
2018/19-PRE	Lab	LCS	8/30/2018	Organic	2-Chlorophenol	n/a	=	15.9	µg/L	EPA 625	0.28	1			
2018/19-PRE	Lab	LCS, rec	8/30/2018	Organic	2-Chlorophenol	n/a	=	64	%	EPA 625	-88	-88	23	134	
2018/19-PRE	Tubing Blank	equip blank	8/30/2018	Organic	2-Chlorophenol	n/a	<	0.28	µg/L	EPA 625	0.28	1			
2018/19-PRE	000NONPJ	srgt matrix spike dup	8/30/2018	Organic	2-Fluorobiphenyl	n/a	=	17.9	µg/L	EPA 625	-88	-88			
2018/19-PRE	000NONPJ	srgt matrix spike dup, rec	8/30/2018	Organic	2-Fluorobiphenyl	n/a	=	71	%	EPA 625	-88	-88	22	107	
2018/19-PRE	000NONPJ	srgt matrix spike	8/30/2018	Organic	2-Fluorobiphenyl	n/a	=	15.4	µg/L	EPA 625	-88	-88			
2018/19-PRE	000NONPJ	srgt matrix spike, rec	8/30/2018	Organic	2-Fluorobiphenyl	n/a	=	62	%	EPA 625	-88	-88	22	107	
2018/19-PRE	Carboy Blank	srgt equip blank	8/30/2018	Organic	2-Fluorobiphenyl	n/a	=	8.88	µg/L	EPA 625	-88	-88			
2018/19-PRE	Carboy Blank	srgt equip blank, rec	8/30/2018	Organic	2-Fluorobiphenyl	n/a	=	36	%	EPA 625	-88	-88	22	107	
2018/19-PRE	Lab	srgt method blank	8/30/2018	Organic	2-Fluorobiphenyl	n/a	=	15.1	µg/L	EPA 625	-88	-88			
2018/19-PRE	Lab	srgt method blank, rec	8/30/2018	Organic	2-Fluorobiphenyl	n/a	=	60	%	EPA 625	-88	-88	22	107	
2018/19-PRE	Lab	srgt LCS	8/30/2018	Organic	2-Fluorobiphenyl	n/a	=	16.7	µg/L	EPA 625	-88	-88			
2018/19-PRE	Lab	srgt LCS, rec	8/30/2018	Organic	2-Fluorobiphenyl	n/a	=	67	%	EPA 625	-88	-88	22	107	
2018/19-PRE	Tubing Blank	srgt equip blank	8/30/2018	Organic	2-Fluorobiphenyl	n/a	=	14.9	µg/L	EPA 625	-88	-88			
2018/19-PRE	Tubing Blank	srgt equip blank, rec	8/30/2018	Organic	2-Fluorobiphenyl	n/a	=	60	%	EPA 625	-88	-88	22	107	
2018/19-PRE	000NONPJ	srgt matrix spike dup	8/30/2018	Organic	2-Fluorophenol	n/a	=	23.2	µg/L	EPA 625	-88	-88			
2018/19-PRE	000NONPJ	srgt matrix spike dup, rec	8/30/2018	Organic	2-Fluorophenol	n/a	=	46	%	EPA 625	-88	-88	3	74	
2018/19-PRE	000NONPJ	srgt matrix spike	8/30/2018	Organic	2-Fluorophenol	n/a	=	21	µg/L	EPA 625	-88	-88			
2018/19-PRE	000NONPJ	srgt matrix spike, rec	8/30/2018	Organic	2-Fluorophenol	n/a	=	42	%	EPA 625	-88	-88	3	74	
2018/19-PRE	Carboy Blank	srgt equip blank	8/30/2018	Organic	2-Fluorophenol	n/a	=	12.1	µg/L	EPA 625	-88	-88			
2018/19-PRE	Carboy Blank	srgt equip blank, rec	8/30/2018	Organic	2-Fluorophenol	n/a	=	24	%	EPA 625	-88	-88	3	74	
2018/19-PRE	Lab	srgt method blank	8/30/2018	Organic	2-Fluorophenol	n/a	=	21.8	µg/L	EPA 625	-88	-88			
2018/19-PRE	Lab	srgt method blank, rec	8/30/2018	Organic	2-Fluorophenol	n/a	=	44	%	EPA 625	-88	-88	3	74	
2018/19-PRE	Lab	srgt LCS	8/30/2018	Organic	2-Fluorophenol	n/a	=	22.4	µg/L	EPA 625	-88	-88			
2018/19-PRE	Lab	srgt LCS, rec	8/30/2018	Organic	2-Fluorophenol	n/a	=	45	%	EPA 625	-88	-88	3	74	
2018/19-PRE	Tubing Blank	srgt equip blank	8/30/2018	Organic	2-Fluorophenol	n/a	=	20.3	µg/L	EPA 625	-88	-88			

Appendix F
Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2018/19-PRE	Tubing Blank	srgt equip blank, rec	8/30/2018	Organic	2-Fluorophenol	n/a	=	41	%	EPA 625	-88	-88	3	74	
2018/19-PRE	000NONPJ	matrix spike dup	8/30/2018	Organic	2-Nitrophenol	n/a	=	18.3	µg/L	EPA 625	0.26	1			
2018/19-PRE	000NONPJ	matrix spike dup, rec	8/30/2018	Organic	2-Nitrophenol	n/a	=	73	%	EPA 625	-88	-88	29	182	
2018/19-PRE	000NONPJ	matrix spike, RPD	8/30/2018	Organic	2-Nitrophenol	n/a	=	8	%	EPA 625	-88	-88	0	30	
2018/19-PRE	000NONPJ	matrix spike	8/30/2018	Organic	2-Nitrophenol	n/a	=	16.8	µg/L	EPA 625	0.26	1			
2018/19-PRE	000NONPJ	matrix spike, rec	8/30/2018	Organic	2-Nitrophenol	n/a	=	67	%	EPA 625	-88	-88	29	182	
2018/19-PRE	Carboy Blank	equip blank	8/30/2018	Organic	2-Nitrophenol	n/a	<	0.26	µg/L	EPA 625	0.26	1			
2018/19-PRE	Lab	method blank	8/30/2018	Organic	2-Nitrophenol	n/a	<	0.26	µg/L	EPA 625	0.26	1			
2018/19-PRE	Lab	LCS	8/30/2018	Organic	2-Nitrophenol	n/a	=	16.5	µg/L	EPA 625	0.26	1			
2018/19-PRE	Lab	LCS, rec	8/30/2018	Organic	2-Nitrophenol	n/a	=	66	%	EPA 625	-88	-88	29	182	
2018/19-PRE	Tubing Blank	equip blank	8/30/2018	Organic	2-Nitrophenol	n/a	<	0.26	µg/L	EPA 625	0.26	1			
2018/19-PRE	000NONPJ	matrix spike dup	8/30/2018	Organic	3,3'-Dichlorobenzidine	n/a	=	9.92	µg/L	EPA 625	1.2	5			
2018/19-PRE	000NONPJ	matrix spike dup, rec	8/30/2018	Organic	3,3'-Dichlorobenzidine	n/a	=	40	%	EPA 625	-88	-88	0.1	262	
2018/19-PRE	000NONPJ	matrix spike, RPD	8/30/2018	Organic	3,3'-Dichlorobenzidine	n/a	=	99	%	EPA 625	-88	-88	0	30	IL
2018/19-PRE	000NONPJ	matrix spike	8/30/2018	Organic	3,3'-Dichlorobenzidine	n/a	=	29.4	µg/L	EPA 625	1.2	5			
2018/19-PRE	000NONPJ	matrix spike, rec	8/30/2018	Organic	3,3'-Dichlorobenzidine	n/a	=	117	%	EPA 625	-88	-88	0.1	262	
2018/19-PRE	Carboy Blank	equip blank	8/30/2018	Organic	3,3'-Dichlorobenzidine	n/a	<	1.2	µg/L	EPA 625	1.2	5			
2018/19-PRE	Lab	method blank	8/30/2018	Organic	3,3'-Dichlorobenzidine	n/a	<	1.2	µg/L	EPA 625	1.2	5			
2018/19-PRE	Lab	LCS	8/30/2018	Organic	3,3'-Dichlorobenzidine	n/a	=	36	µg/L	EPA 625	1.2	5			
2018/19-PRE	Lab	LCS, rec	8/30/2018	Organic	3,3'-Dichlorobenzidine	n/a	=	144	%	EPA 625	-88	-88	0.1	262	
2018/19-PRE	Tubing Blank	equip blank	8/30/2018	Organic	3,3'-Dichlorobenzidine	n/a	<	1.2	µg/L	EPA 625	1.2	5			
2018/19-PRE	000NONPJ	matrix spike dup	8/30/2018	Organic	4,6-Dinitro-2-methylphenol	n/a	=	22.9	µg/L	EPA 625	1.7	5			
2018/19-PRE	000NONPJ	matrix spike dup, rec	8/30/2018	Organic	4,6-Dinitro-2-methylphenol	n/a	=	92	%	EPA 625	-88	-88	0.1	181	
2018/19-PRE	000NONPJ	matrix spike, RPD	8/30/2018	Organic	4,6-Dinitro-2-methylphenol	n/a	=	12	%	EPA 625	-88	-88	0	30	
2018/19-PRE	000NONPJ	matrix spike	8/30/2018	Organic	4,6-Dinitro-2-methylphenol	n/a	=	20.3	µg/L	EPA 625	1.7	5			
2018/19-PRE	000NONPJ	matrix spike, rec	8/30/2018	Organic	4,6-Dinitro-2-methylphenol	n/a	=	81	%	EPA 625	-88	-88	0.1	181	
2018/19-PRE	Carboy Blank	equip blank	8/30/2018	Organic	4,6-Dinitro-2-methylphenol	n/a	<	1.7	µg/L	EPA 625	1.7	5			
2018/19-PRE	Lab	method blank	8/30/2018	Organic	4,6-Dinitro-2-methylphenol	n/a	<	1.7	µg/L	EPA 625	1.7	5			
2018/19-PRE	Lab	LCS	8/30/2018	Organic	4,6-Dinitro-2-methylphenol	n/a	=	12.8	µg/L	EPA 625	1.7	5			
2018/19-PRE	Lab	LCS, rec	8/30/2018	Organic	4,6-Dinitro-2-methylphenol	n/a	=	51	%	EPA 625	-88	-88	0.1	181	
2018/19-PRE	Tubing Blank	equip blank	8/30/2018	Organic	4,6-Dinitro-2-methylphenol	n/a	<	1.7	µg/L	EPA 625	1.7	5			
2018/19-PRE	000NONPJ	matrix spike dup	8/30/2018	Organic	4-Bromophenyl phenyl ether	n/a	=	22	µg/L	EPA 625	0.36	1			
2018/19-PRE	000NONPJ	matrix spike dup, rec	8/30/2018	Organic	4-Bromophenyl phenyl ether	n/a	=	88	%	EPA 625	-88	-88	53	127	
2018/19-PRE	000NONPJ	matrix spike, RPD	8/30/2018	Organic	4-Bromophenyl phenyl ether	n/a	=	11	%	EPA 625	-88	-88	0	30	
2018/19-PRE	000NONPJ	matrix spike	8/30/2018	Organic	4-Bromophenyl phenyl ether	n/a	=	19.7	µg/L	EPA 625	0.36	1			
2018/19-PRE	000NONPJ	matrix spike, rec	8/30/2018	Organic	4-Bromophenyl phenyl ether	n/a	=	79	%	EPA 625	-88	-88	53	127	
2018/19-PRE	Carboy Blank	equip blank	8/30/2018	Organic	4-Bromophenyl phenyl ether	n/a	<	0.36	µg/L	EPA 625	0.36	1			
2018/19-PRE	Lab	method blank	8/30/2018	Organic	4-Bromophenyl phenyl ether	n/a	<	0.36	µg/L	EPA 625	0.36	1			
2018/19-PRE	Lab	LCS	8/30/2018	Organic	4-Bromophenyl phenyl ether	n/a	=	20.6	µg/L	EPA 625	0.36	1			
2018/19-PRE	Lab	LCS, rec	8/30/2018	Organic	4-Bromophenyl phenyl ether	n/a	=	82	%	EPA 625	-88	-88	53	127	
2018/19-PRE	Tubing Blank	equip blank	8/30/2018	Organic	4-Bromophenyl phenyl ether	n/a	<	0.36	µg/L	EPA 625	0.36	1			
2018/19-PRE	000NONPJ	matrix spike dup	8/30/2018	Organic	4-Chloro-3-methylphenol	n/a	=	17.4	µg/L	EPA 625	0.23	1			
2018/19-PRE	000NONPJ	matrix spike dup, rec	8/30/2018	Organic	4-Chloro-3-methylphenol	n/a	=	70	%	EPA 625	-88	-88	22	147	
2018/19-PRE	000NONPJ	matrix spike, RPD	8/30/2018	Organic	4-Chloro-3-methylphenol	n/a	=	11	%	EPA 625	-88	-88	0	30	
2018/19-PRE	000NONPJ	matrix spike	8/30/2018	Organic	4-Chloro-3-methylphenol	n/a	=	15.7	µg/L	EPA 625	0.23	1			
2018/19-PRE	000NONPJ	matrix spike, rec	8/30/2018	Organic	4-Chloro-3-methylphenol	n/a	=	63	%	EPA 625	-88	-88	22	147	
2018/19-PRE	Carboy Blank	equip blank	8/30/2018	Organic	4-Chloro-3-methylphenol	n/a	<	0.23	µg/L	EPA 625	0.23	1			

Appendix F
Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2018/19-PRE	Lab	method blank	8/30/2018	Organic	4-Chloro-3-methylphenol	n/a	<	0.23	µg/L	EPA 625	0.23	1			
2018/19-PRE	Lab	LCS	8/30/2018	Organic	4-Chloro-3-methylphenol	n/a	=	16.2	µg/L	EPA 625	0.23	1			
2018/19-PRE	Lab	LCS, rec	8/30/2018	Organic	4-Chloro-3-methylphenol	n/a	=	65	%	EPA 625	-88	-88	22	147	
2018/19-PRE	Tubing Blank	equip blank	8/30/2018	Organic	4-Chloro-3-methylphenol	n/a	<	0.23	µg/L	EPA 625	0.23	1			
2018/19-PRE	000NONPJ	matrix spike dup	8/30/2018	Organic	4-Chlorophenyl phenyl ether	n/a	=	19.9	µg/L	EPA 625	0.41	1			
2018/19-PRE	000NONPJ	matrix spike dup, rec	8/30/2018	Organic	4-Chlorophenyl phenyl ether	n/a	=	80	%	EPA 625	-88	-88	25	158	
2018/19-PRE	000NONPJ	matrix spike, RPD	8/30/2018	Organic	4-Chlorophenyl phenyl ether	n/a	=	11	%	EPA 625	-88	-88	0	30	
2018/19-PRE	000NONPJ	matrix spike	8/30/2018	Organic	4-Chlorophenyl phenyl ether	n/a	=	17.8	µg/L	EPA 625	0.41	1			
2018/19-PRE	000NONPJ	matrix spike, rec	8/30/2018	Organic	4-Chlorophenyl phenyl ether	n/a	=	71	%	EPA 625	-88	-88	25	158	
2018/19-PRE	Carboy Blank	equip blank	8/30/2018	Organic	4-Chlorophenyl phenyl ether	n/a	<	0.41	µg/L	EPA 625	0.41	1			
2018/19-PRE	Lab	method blank	8/30/2018	Organic	4-Chlorophenyl phenyl ether	n/a	<	0.41	µg/L	EPA 625	0.41	1			
2018/19-PRE	Lab	LCS	8/30/2018	Organic	4-Chlorophenyl phenyl ether	n/a	=	18.8	µg/L	EPA 625	0.41	1			
2018/19-PRE	Lab	LCS, rec	8/30/2018	Organic	4-Chlorophenyl phenyl ether	n/a	=	75	%	EPA 625	-88	-88	25	158	
2018/19-PRE	Tubing Blank	equip blank	8/30/2018	Organic	4-Chlorophenyl phenyl ether	n/a	<	0.41	µg/L	EPA 625	0.41	1			
2018/19-PRE	000NONPJ	matrix spike dup	8/30/2018	Organic	4-Nitrophenol	n/a	=	10.9	µg/L	EPA 625	0.45	5			
2018/19-PRE	000NONPJ	matrix spike dup, rec	8/30/2018	Organic	4-Nitrophenol	n/a	=	44	%	EPA 625	-88	-88	0.1	132	
2018/19-PRE	000NONPJ	matrix spike, RPD	8/30/2018	Organic	4-Nitrophenol	n/a	=	23	%	EPA 625	-88	-88	0	30	
2018/19-PRE	000NONPJ	matrix spike	8/30/2018	Organic	4-Nitrophenol	n/a	=	8.67	µg/L	EPA 625	0.45	5			
2018/19-PRE	000NONPJ	matrix spike, rec	8/30/2018	Organic	4-Nitrophenol	n/a	=	35	%	EPA 625	-88	-88	0.1	132	
2018/19-PRE	Carboy Blank	equip blank	8/30/2018	Organic	4-Nitrophenol	n/a	<	0.45	µg/L	EPA 625	0.45	5			
2018/19-PRE	Lab	method blank	8/30/2018	Organic	4-Nitrophenol	n/a	<	0.45	µg/L	EPA 625	0.45	5			
2018/19-PRE	Lab	LCS	8/30/2018	Organic	4-Nitrophenol	n/a	=	8.29	µg/L	EPA 625	0.45	5			
2018/19-PRE	Lab	LCS, rec	8/30/2018	Organic	4-Nitrophenol	n/a	=	33	%	EPA 625	-88	-88	0.1	132	
2018/19-PRE	Tubing Blank	equip blank	8/30/2018	Organic	4-Nitrophenol	n/a	<	0.45	µg/L	EPA 625	0.45	5			
2018/19-PRE	000NONPJ	matrix spike dup	8/30/2018	Organic	Acenaphthene	n/a	=	19	µg/L	EPA 625	0.38	1			
2018/19-PRE	000NONPJ	matrix spike dup, rec	8/30/2018	Organic	Acenaphthene	n/a	=	76	%	EPA 625	-88	-88	47	145	
2018/19-PRE	000NONPJ	matrix spike, RPD	8/30/2018	Organic	Acenaphthene	n/a	=	2	%	EPA 625	-88	-88	0	30	
2018/19-PRE	000NONPJ	matrix spike	8/30/2018	Organic	Acenaphthene	n/a	=	18.6	µg/L	EPA 625	0.38	1			
2018/19-PRE	000NONPJ	matrix spike, rec	8/30/2018	Organic	Acenaphthene	n/a	=	74	%	EPA 625	-88	-88	47	145	
2018/19-PRE	Carboy Blank	equip blank	8/30/2018	Organic	Acenaphthene	n/a	<	0.38	µg/L	EPA 625	0.38	1			
2018/19-PRE	Lab	method blank	8/30/2018	Organic	Acenaphthene	n/a	<	0.38	µg/L	EPA 625	0.38	1			
2018/19-PRE	Lab	LCS	8/30/2018	Organic	Acenaphthene	n/a	=	18.4	µg/L	EPA 625	0.38	1			
2018/19-PRE	Lab	LCS, rec	8/30/2018	Organic	Acenaphthene	n/a	=	74	%	EPA 625	-88	-88	47	145	
2018/19-PRE	Tubing Blank	equip blank	8/30/2018	Organic	Acenaphthene	n/a	<	0.38	µg/L	EPA 625	0.38	1			
2018/19-PRE	000NONPJ	matrix spike dup	8/30/2018	Organic	Acenaphthylene	n/a	=	5.4	µg/L	EPA 625	0.4	1			GB
2018/19-PRE	000NONPJ	matrix spike dup, rec	8/30/2018	Organic	Acenaphthylene	n/a	=	22	%	EPA 625	-88	-88	33	145	GB
2018/19-PRE	000NONPJ	matrix spike, RPD	8/30/2018	Organic	Acenaphthylene	n/a	=	102	%	EPA 625	-88	-88	0	30	IL
2018/19-PRE	000NONPJ	matrix spike	8/30/2018	Organic	Acenaphthylene	n/a	=	16.7	µg/L	EPA 625	0.4	1			
2018/19-PRE	000NONPJ	matrix spike, rec	8/30/2018	Organic	Acenaphthylene	n/a	=	67	%	EPA 625	-88	-88	33	145	
2018/19-PRE	Carboy Blank	equip blank	8/30/2018	Organic	Acenaphthylene	n/a	<	0.4	µg/L	EPA 625	0.4	1			
2018/19-PRE	Lab	method blank	8/30/2018	Organic	Acenaphthylene	n/a	<	0.4	µg/L	EPA 625	0.4	1			
2018/19-PRE	Lab	LCS	8/30/2018	Organic	Acenaphthylene	n/a	=	17.8	µg/L	EPA 625	0.4	1			
2018/19-PRE	Lab	LCS, rec	8/30/2018	Organic	Acenaphthylene	n/a	=	71	%	EPA 625	-88	-88	33	145	
2018/19-PRE	Tubing Blank	equip blank	8/30/2018	Organic	Acenaphthylene	n/a	<	0.4	µg/L	EPA 625	0.4	1			
2018/19-PRE	000NONPJ	matrix spike dup	8/30/2018	Organic	Anthracene	n/a	=	10.3	µg/L	EPA 625	0.34	1			
2018/19-PRE	000NONPJ	matrix spike dup, rec	8/30/2018	Organic	Anthracene	n/a	=	41	%	EPA 625	-88	-88	27	133	
2018/19-PRE	000NONPJ	matrix spike, RPD	8/30/2018	Organic	Anthracene	n/a	=	61	%	EPA 625	-88	-88	0	30	IL

Appendix F
Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2018/19-PRE	000NONPJ	matrix spike	8/30/2018	Organic	Anthracene	n/a	=	19.5	µg/L	EPA 625	0.34	1			
2018/19-PRE	000NONPJ	matrix spike, rec	8/30/2018	Organic	Anthracene	n/a	=	78	%	EPA 625	-88	-88	27	133	
2018/19-PRE	Carboy Blank	equip blank	8/30/2018	Organic	Anthracene	n/a	<	0.34	µg/L	EPA 625	0.34	1			
2018/19-PRE	Lab	method blank	8/30/2018	Organic	Anthracene	n/a	<	0.34	µg/L	EPA 625	0.34	1			
2018/19-PRE	Lab	LCS	8/30/2018	Organic	Anthracene	n/a	=	20.4	µg/L	EPA 625	0.34	1			
2018/19-PRE	Lab	LCS, rec	8/30/2018	Organic	Anthracene	n/a	=	82	%	EPA 625	-88	-88	27	133	
2018/19-PRE	Tubing Blank	equip blank	8/30/2018	Organic	Anthracene	n/a	<	0.34	µg/L	EPA 625	0.34	1			
2018/19-PRE	000NONPJ	matrix spike dup	8/30/2018	Organic	Benz(a)anthracene	n/a	=	21.7	µg/L	EPA 625	0.19	1			
2018/19-PRE	000NONPJ	matrix spike dup, rec	8/30/2018	Organic	Benz(a)anthracene	n/a	=	87	%	EPA 625	-88	-88	33	143	
2018/19-PRE	000NONPJ	matrix spike, RPD	8/30/2018	Organic	Benz(a)anthracene	n/a	=	4	%	EPA 625	-88	-88	0	30	
2018/19-PRE	000NONPJ	matrix spike	8/30/2018	Organic	Benz(a)anthracene	n/a	=	22.4	µg/L	EPA 625	0.19	1			
2018/19-PRE	000NONPJ	matrix spike, rec	8/30/2018	Organic	Benz(a)anthracene	n/a	=	90	%	EPA 625	-88	-88	33	143	
2018/19-PRE	Carboy Blank	equip blank	8/30/2018	Organic	Benz(a)anthracene	n/a	<	0.19	µg/L	EPA 625	0.19	1			
2018/19-PRE	Lab	method blank	8/30/2018	Organic	Benz(a)anthracene	n/a	<	0.19	µg/L	EPA 625	0.19	1			
2018/19-PRE	Lab	LCS	8/30/2018	Organic	Benz(a)anthracene	n/a	=	24.2	µg/L	EPA 625	0.19	1			
2018/19-PRE	Lab	LCS, rec	8/30/2018	Organic	Benz(a)anthracene	n/a	=	97	%	EPA 625	-88	-88	33	143	
2018/19-PRE	Tubing Blank	equip blank	8/30/2018	Organic	Benz(a)anthracene	n/a	<	0.19	µg/L	EPA 625	0.19	1			
2018/19-PRE	Carboy Blank	equip blank	8/30/2018	Organic	Benzidine	n/a	<	3.7	µg/L	EPA 625	3.7	10			
2018/19-PRE	Lab	method blank	8/30/2018	Organic	Benzidine	n/a	<	3.7	µg/L	EPA 625	3.7	10			
2018/19-PRE	Tubing Blank	equip blank	8/30/2018	Organic	Benzidine	n/a	<	3.7	µg/L	EPA 625	3.7	10			
2018/19-PRE	000NONPJ	matrix spike dup	8/30/2018	Organic	Benzo(a)pyrene	n/a	<	0.13	µg/L	EPA 625	0.13	1			GB
2018/19-PRE	000NONPJ	matrix spike dup, rec	8/30/2018	Organic	Benzo(a)pyrene	n/a	=	200	%	EPA 625	-88	-88	17	163	GB
2018/19-PRE	000NONPJ	matrix spike, RPD	8/30/2018	Organic	Benzo(a)pyrene	n/a	=	200	%	EPA 625	-88	-88	0	30	IL
2018/19-PRE	000NONPJ	matrix spike	8/30/2018	Organic	Benzo(a)pyrene	n/a	=	21.1	µg/L	EPA 625	0.13	1			
2018/19-PRE	000NONPJ	matrix spike, rec	8/30/2018	Organic	Benzo(a)pyrene	n/a	=	84	%	EPA 625	-88	-88	17	163	
2018/19-PRE	Carboy Blank	equip blank	8/29/2018	Organic	Benzo(a)pyrene	n/a	<	0.07	µg/L	EPA 525.2	0.07	0.1			
2018/19-PRE	Carboy Blank	equip blank	8/30/2018	Organic	Benzo(a)pyrene	n/a	<	0.13	µg/L	EPA 625	0.13	1			
2018/19-PRE	Lab	method blank	8/29/2018	Organic	Benzo(a)pyrene	n/a	<	0.07	µg/L	EPA 525.2	0.07	0.1			
2018/19-PRE	Lab	LCS	8/29/2018	Organic	Benzo(a)pyrene	n/a	=	4.66	µg/L	EPA 525.2	0.07	0.1			
2018/19-PRE	Lab	LCS, rec	8/29/2018	Organic	Benzo(a)pyrene	n/a	=	93	%	EPA 525.2	-88	-88	60	130	
2018/19-PRE	Lab	LCS dup	8/29/2018	Organic	Benzo(a)pyrene	n/a	=	4.64	µg/L	EPA 525.2	0.07	0.1			
2018/19-PRE	Lab	LCS dup, rec	8/29/2018	Organic	Benzo(a)pyrene	n/a	=	93	%	EPA 525.2	-88	-88	60	130	
2018/19-PRE	Lab	LCS, RPD	8/29/2018	Organic	Benzo(a)pyrene	n/a	=	0.3	%	EPA 525.2	-88	-88	0	30	
2018/19-PRE	Lab	method blank	8/30/2018	Organic	Benzo(a)pyrene	n/a	<	0.13	µg/L	EPA 625	0.13	1			
2018/19-PRE	Lab	LCS	8/30/2018	Organic	Benzo(a)pyrene	n/a	=	21.8	µg/L	EPA 625	0.13	1			
2018/19-PRE	Lab	LCS, rec	8/30/2018	Organic	Benzo(a)pyrene	n/a	=	87	%	EPA 625	-88	-88	17	163	
2018/19-PRE	Tubing Blank	equip blank	8/29/2018	Organic	Benzo(a)pyrene	n/a	<	0.07	µg/L	EPA 525.2	0.07	0.1			
2018/19-PRE	Tubing Blank	equip blank	8/30/2018	Organic	Benzo(a)pyrene	n/a	<	0.13	µg/L	EPA 625	0.13	1			
2018/19-PRE	000NONPJ	matrix spike dup	8/30/2018	Organic	Benzo(b)fluoranthene	n/a	=	23.2	µg/L	EPA 625	0.14	1			
2018/19-PRE	000NONPJ	matrix spike dup, rec	8/30/2018	Organic	Benzo(b)fluoranthene	n/a	=	93	%	EPA 625	-88	-88	24	159	
2018/19-PRE	000NONPJ	matrix spike, RPD	8/30/2018	Organic	Benzo(b)fluoranthene	n/a	=	10	%	EPA 625	-88	-88	0	30	
2018/19-PRE	000NONPJ	matrix spike	8/30/2018	Organic	Benzo(b)fluoranthene	n/a	=	21.1	µg/L	EPA 625	0.14	1			
2018/19-PRE	000NONPJ	matrix spike, rec	8/30/2018	Organic	Benzo(b)fluoranthene	n/a	=	84	%	EPA 625	-88	-88	24	159	
2018/19-PRE	Carboy Blank	equip blank	8/30/2018	Organic	Benzo(b)fluoranthene	n/a	<	0.14	µg/L	EPA 625	0.14	1			
2018/19-PRE	Lab	method blank	8/30/2018	Organic	Benzo(b)fluoranthene	n/a	<	0.14	µg/L	EPA 625	0.14	1			
2018/19-PRE	Lab	LCS	8/30/2018	Organic	Benzo(b)fluoranthene	n/a	=	22.3	µg/L	EPA 625	0.14	1			
2018/19-PRE	Lab	LCS, rec	8/30/2018	Organic	Benzo(b)fluoranthene	n/a	=	89	%	EPA 625	-88	-88	24	159	

Appendix F
Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2018/19-PRE	Tubing Blank	equip blank	8/30/2018	Organic	Benzo(b)fluoranthene	n/a	<	0.14	µg/L	EPA 625	0.14	1			
2018/19-PRE	000NONPJ	matrix spike dup	8/30/2018	Organic	Benzo(g,h,i)perylene	n/a	=	33.7	µg/L	EPA 625	0.1	2			
2018/19-PRE	000NONPJ	matrix spike dup, rec	8/30/2018	Organic	Benzo(g,h,i)perylene	n/a	=	135	%	EPA 625	-88	-88	0.1	219	
2018/19-PRE	000NONPJ	matrix spike, RPD	8/30/2018	Organic	Benzo(g,h,i)perylene	n/a	=	52	%	EPA 625	-88	-88	0	30	IL
2018/19-PRE	000NONPJ	matrix spike	8/30/2018	Organic	Benzo(g,h,i)perylene	n/a	=	19.9	µg/L	EPA 625	0.1	2			
2018/19-PRE	000NONPJ	matrix spike, rec	8/30/2018	Organic	Benzo(g,h,i)perylene	n/a	=	79	%	EPA 625	-88	-88	0.1	219	
2018/19-PRE	Carboy Blank	equip blank	8/30/2018	Organic	Benzo(g,h,i)perylene	n/a	<	0.1	µg/L	EPA 625	0.1	2			
2018/19-PRE	Lab	method blank	8/30/2018	Organic	Benzo(g,h,i)perylene	n/a	<	0.1	µg/L	EPA 625	0.1	2			
2018/19-PRE	Lab	LCS	8/30/2018	Organic	Benzo(g,h,i)perylene	n/a	=	20.6	µg/L	EPA 625	0.1	2			
2018/19-PRE	Lab	LCS, rec	8/30/2018	Organic	Benzo(g,h,i)perylene	n/a	=	82	%	EPA 625	-88	-88	0.1	219	
2018/19-PRE	Tubing Blank	equip blank	8/30/2018	Organic	Benzo(g,h,i)perylene	n/a	<	0.1	µg/L	EPA 625	0.1	2			
2018/19-PRE	000NONPJ	matrix spike dup	8/30/2018	Organic	Benzo(k)fluoranthene	n/a	=	23.9	µg/L	EPA 625	0.22	1			
2018/19-PRE	000NONPJ	matrix spike dup, rec	8/30/2018	Organic	Benzo(k)fluoranthene	n/a	=	96	%	EPA 625	-88	-88	11	162	
2018/19-PRE	000NONPJ	matrix spike, RPD	8/30/2018	Organic	Benzo(k)fluoranthene	n/a	=	8	%	EPA 625	-88	-88	0	30	
2018/19-PRE	000NONPJ	matrix spike	8/30/2018	Organic	Benzo(k)fluoranthene	n/a	=	22	µg/L	EPA 625	0.22	1			
2018/19-PRE	000NONPJ	matrix spike, rec	8/30/2018	Organic	Benzo(k)fluoranthene	n/a	=	88	%	EPA 625	-88	-88	11	162	
2018/19-PRE	Carboy Blank	equip blank	8/30/2018	Organic	Benzo(k)fluoranthene	n/a	<	0.22	µg/L	EPA 625	0.22	1			
2018/19-PRE	Lab	method blank	8/30/2018	Organic	Benzo(k)fluoranthene	n/a	<	0.22	µg/L	EPA 625	0.22	1			
2018/19-PRE	Lab	LCS	8/30/2018	Organic	Benzo(k)fluoranthene	n/a	=	22.6	µg/L	EPA 625	0.22	1			
2018/19-PRE	Lab	LCS, rec	8/30/2018	Organic	Benzo(k)fluoranthene	n/a	=	90	%	EPA 625	-88	-88	11	162	
2018/19-PRE	Tubing Blank	equip blank	8/30/2018	Organic	Benzo(k)fluoranthene	n/a	<	0.22	µg/L	EPA 625	0.22	1			
2018/19-PRE	000NONPJ	matrix spike dup	8/30/2018	Organic	Bis(2-chloroethoxy)methane	n/a	=	17.6	µg/L	EPA 625	0.25	1			
2018/19-PRE	000NONPJ	matrix spike dup, rec	8/30/2018	Organic	Bis(2-chloroethoxy)methane	n/a	=	70	%	EPA 625	-88	-88	33	184	
2018/19-PRE	000NONPJ	matrix spike, RPD	8/30/2018	Organic	Bis(2-chloroethoxy)methane	n/a	=	8	%	EPA 625	-88	-88	0	30	
2018/19-PRE	000NONPJ	matrix spike	8/30/2018	Organic	Bis(2-chloroethoxy)methane	n/a	=	16.2	µg/L	EPA 625	0.25	1			
2018/19-PRE	000NONPJ	matrix spike, rec	8/30/2018	Organic	Bis(2-chloroethoxy)methane	n/a	=	65	%	EPA 625	-88	-88	33	184	
2018/19-PRE	Carboy Blank	equip blank	8/30/2018	Organic	Bis(2-chloroethoxy)methane	n/a	<	0.25	µg/L	EPA 625	0.25	1			
2018/19-PRE	Lab	method blank	8/30/2018	Organic	Bis(2-chloroethoxy)methane	n/a	<	0.25	µg/L	EPA 625	0.25	1			
2018/19-PRE	Lab	LCS	8/30/2018	Organic	Bis(2-chloroethoxy)methane	n/a	=	16.1	µg/L	EPA 625	0.25	1			
2018/19-PRE	Lab	LCS, rec	8/30/2018	Organic	Bis(2-chloroethoxy)methane	n/a	=	64	%	EPA 625	-88	-88	33	184	
2018/19-PRE	Tubing Blank	equip blank	8/30/2018	Organic	Bis(2-chloroethoxy)methane	n/a	<	0.25	µg/L	EPA 625	0.25	1			
2018/19-PRE	000NONPJ	matrix spike dup	8/30/2018	Organic	Bis(2-chloroethyl)ether	n/a	=	19.6	µg/L	EPA 625	0.27	1			
2018/19-PRE	000NONPJ	matrix spike dup, rec	8/30/2018	Organic	Bis(2-chloroethyl)ether	n/a	=	78	%	EPA 625	-88	-88	12	158	
2018/19-PRE	000NONPJ	matrix spike, RPD	8/30/2018	Organic	Bis(2-chloroethyl)ether	n/a	=	9	%	EPA 625	-88	-88	0	30	
2018/19-PRE	000NONPJ	matrix spike	8/30/2018	Organic	Bis(2-chloroethyl)ether	n/a	=	17.8	µg/L	EPA 625	0.27	1			
2018/19-PRE	000NONPJ	matrix spike, rec	8/30/2018	Organic	Bis(2-chloroethyl)ether	n/a	=	71	%	EPA 625	-88	-88	12	158	
2018/19-PRE	Carboy Blank	equip blank	8/30/2018	Organic	Bis(2-chloroethyl)ether	n/a	<	0.27	µg/L	EPA 625	0.27	1			
2018/19-PRE	Lab	method blank	8/30/2018	Organic	Bis(2-chloroethyl)ether	n/a	<	0.27	µg/L	EPA 625	0.27	1			
2018/19-PRE	Lab	LCS	8/30/2018	Organic	Bis(2-chloroethyl)ether	n/a	=	18.5	µg/L	EPA 625	0.27	1			
2018/19-PRE	Lab	LCS, rec	8/30/2018	Organic	Bis(2-chloroethyl)ether	n/a	=	74	%	EPA 625	-88	-88	12	158	
2018/19-PRE	Tubing Blank	equip blank	8/30/2018	Organic	Bis(2-chloroethyl)ether	n/a	<	0.27	µg/L	EPA 625	0.27	1			
2018/19-PRE	000NONPJ	matrix spike dup	8/30/2018	Organic	Bis(2-chloroisopropyl)ether	n/a	=	18.8	µg/L	EPA 625	0.38	1			
2018/19-PRE	000NONPJ	matrix spike dup, rec	8/30/2018	Organic	Bis(2-chloroisopropyl)ether	n/a	=	75	%	EPA 625	-88	-88	36	166	
2018/19-PRE	000NONPJ	matrix spike, RPD	8/30/2018	Organic	Bis(2-chloroisopropyl)ether	n/a	=	10	%	EPA 625	-88	-88	0	30	
2018/19-PRE	000NONPJ	matrix spike	8/30/2018	Organic	Bis(2-chloroisopropyl)ether	n/a	=	17	µg/L	EPA 625	0.38	1			
2018/19-PRE	000NONPJ	matrix spike, rec	8/30/2018	Organic	Bis(2-chloroisopropyl)ether	n/a	=	68	%	EPA 625	-88	-88	36	166	
2018/19-PRE	Carboy Blank	equip blank	8/30/2018	Organic	Bis(2-chloroisopropyl)ether	n/a	<	0.38	µg/L	EPA 625	0.38	1			

Appendix F
Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2018/19-PRE	Lab	method blank	8/30/2018	Organic	Bis(2-chloroisopropyl)ether	n/a	<	0.38	µg/L	EPA 625	0.38	1			
2018/19-PRE	Lab	LCS	8/30/2018	Organic	Bis(2-chloroisopropyl)ether	n/a	=	17.6	µg/L	EPA 625	0.38	1			
2018/19-PRE	Lab	LCS, rec	8/30/2018	Organic	Bis(2-chloroisopropyl)ether	n/a	=	70	%	EPA 625	-88	-88	36	166	
2018/19-PRE	Tubing Blank	equip blank	8/30/2018	Organic	Bis(2-chloroisopropyl)ether	n/a	<	0.38	µg/L	EPA 625	0.38	1			
2018/19-PRE	Carboy Blank	equip blank	8/29/2018	Organic	Bis(2-ethylhexyl)adipate	n/a	<	0.1	µg/L	EPA 525.2	0.1	5			
2018/19-PRE	Lab	method blank	8/29/2018	Organic	Bis(2-ethylhexyl)adipate	n/a	<	0.1	µg/L	EPA 525.2	0.1	5			
2018/19-PRE	Lab	LCS	8/29/2018	Organic	Bis(2-ethylhexyl)adipate	n/a	=	5.59	µg/L	EPA 525.2	0.1	5			
2018/19-PRE	Lab	LCS, rec	8/29/2018	Organic	Bis(2-ethylhexyl)adipate	n/a	=	112	%	EPA 525.2	-88	-88	70	130	
2018/19-PRE	Lab	LCS dup	8/29/2018	Organic	Bis(2-ethylhexyl)adipate	n/a	=	5.7	µg/L	EPA 525.2	0.1	5			
2018/19-PRE	Lab	LCS dup, rec	8/29/2018	Organic	Bis(2-ethylhexyl)adipate	n/a	=	114	%	EPA 525.2	-88	-88	70	130	
2018/19-PRE	Lab	LCS, RPD	8/29/2018	Organic	Bis(2-ethylhexyl)adipate	n/a	=	2	%	EPA 525.2	-88	-88	0	30	
2018/19-PRE	Tubing Blank	equip blank	8/29/2018	Organic	Bis(2-ethylhexyl)adipate	n/a	<	0.1	µg/L	EPA 525.2	0.1	5			
2018/19-PRE	000NONPJ	matrix spike dup	8/30/2018	Organic	Bis(2-ethylhexyl)phthalate	n/a	=	37	µg/L	EPA 625	2.3	5			
2018/19-PRE	000NONPJ	matrix spike dup, rec	8/30/2018	Organic	Bis(2-ethylhexyl)phthalate	n/a	=	113	%	EPA 625	-88	-88	8	158	
2018/19-PRE	000NONPJ	matrix spike, RPD	8/30/2018	Organic	Bis(2-ethylhexyl)phthalate	n/a	=	11	%	EPA 625	-88	-88	0	30	
2018/19-PRE	000NONPJ	matrix spike	8/30/2018	Organic	Bis(2-ethylhexyl)phthalate	n/a	=	33.2	µg/L	EPA 625	2.3	5			
2018/19-PRE	000NONPJ	matrix spike, rec	8/30/2018	Organic	Bis(2-ethylhexyl)phthalate	n/a	=	98	%	EPA 625	-88	-88	8	158	
2018/19-PRE	Carboy Blank	equip blank	8/29/2018	Organic	Bis(2-ethylhexyl)phthalate	n/a	<	1.1	µg/L	EPA 525.2	1.1	3			
2018/19-PRE	Carboy Blank	equip blank	8/30/2018	Organic	Bis(2-ethylhexyl)phthalate	n/a	<	2.3	µg/L	EPA 625	2.3	5			
2018/19-PRE	Lab	method blank	8/29/2018	Organic	Bis(2-ethylhexyl)phthalate	n/a	<	1.1	µg/L	EPA 525.2	1.1	3			
2018/19-PRE	Lab	LCS	8/29/2018	Organic	Bis(2-ethylhexyl)phthalate	n/a	=	5.79	µg/L	EPA 525.2	1.1	3			
2018/19-PRE	Lab	LCS, rec	8/29/2018	Organic	Bis(2-ethylhexyl)phthalate	n/a	=	116	%	EPA 525.2	-88	-88	70	130	
2018/19-PRE	Lab	LCS dup	8/29/2018	Organic	Bis(2-ethylhexyl)phthalate	n/a	=	5.88	µg/L	EPA 525.2	1.1	3			
2018/19-PRE	Lab	LCS dup, rec	8/29/2018	Organic	Bis(2-ethylhexyl)phthalate	n/a	=	118	%	EPA 525.2	-88	-88	70	130	
2018/19-PRE	Lab	LCS, RPD	8/29/2018	Organic	Bis(2-ethylhexyl)phthalate	n/a	=	2	%	EPA 525.2	-88	-88	0	30	
2018/19-PRE	Lab	method blank	8/30/2018	Organic	Bis(2-ethylhexyl)phthalate	n/a	<	2.3	µg/L	EPA 625	2.3	5			
2018/19-PRE	Lab	LCS	8/30/2018	Organic	Bis(2-ethylhexyl)phthalate	n/a	=	26.5	µg/L	EPA 625	2.3	5			
2018/19-PRE	Lab	LCS, rec	8/30/2018	Organic	Bis(2-ethylhexyl)phthalate	n/a	=	106	%	EPA 625	-88	-88	8	158	
2018/19-PRE	Tubing Blank	equip blank	8/29/2018	Organic	Bis(2-ethylhexyl)phthalate	n/a	<	1.1	µg/L	EPA 525.2	1.1	3			
2018/19-PRE	Tubing Blank	equip blank	8/30/2018	Organic	Bis(2-ethylhexyl)phthalate	n/a	DNQ	2.3	µg/L	EPA 625	2.3	5			
2018/19-PRE	000NONPJ	matrix spike dup	8/30/2018	Organic	Butyl benzyl phthalate	n/a	=	25.5	µg/L	EPA 625	0.18	1			
2018/19-PRE	000NONPJ	matrix spike dup, rec	8/30/2018	Organic	Butyl benzyl phthalate	n/a	=	102	%	EPA 625	-88	-88	0.1	152	
2018/19-PRE	000NONPJ	matrix spike, RPD	8/30/2018	Organic	Butyl benzyl phthalate	n/a	=	8	%	EPA 625	-88	-88	0	30	
2018/19-PRE	000NONPJ	matrix spike	8/30/2018	Organic	Butyl benzyl phthalate	n/a	=	23.5	µg/L	EPA 625	0.18	1			
2018/19-PRE	000NONPJ	matrix spike, rec	8/30/2018	Organic	Butyl benzyl phthalate	n/a	=	94	%	EPA 625	-88	-88	0.1	152	
2018/19-PRE	Carboy Blank	equip blank	8/30/2018	Organic	Butyl benzyl phthalate	n/a	<	0.18	µg/L	EPA 625	0.18	1			
2018/19-PRE	Lab	method blank	8/30/2018	Organic	Butyl benzyl phthalate	n/a	<	0.18	µg/L	EPA 625	0.18	1			
2018/19-PRE	Lab	LCS	8/30/2018	Organic	Butyl benzyl phthalate	n/a	=	24.3	µg/L	EPA 625	0.18	1			
2018/19-PRE	Lab	LCS, rec	8/30/2018	Organic	Butyl benzyl phthalate	n/a	=	97	%	EPA 625	-88	-88	0.1	152	
2018/19-PRE	Tubing Blank	equip blank	8/30/2018	Organic	Butyl benzyl phthalate	n/a	<	0.18	µg/L	EPA 625	0.18	1			
2018/19-PRE	000NONPJ	matrix spike dup	8/30/2018	Organic	Chrysene	n/a	=	23.2	µg/L	EPA 625	0.19	1			
2018/19-PRE	000NONPJ	matrix spike dup, rec	8/30/2018	Organic	Chrysene	n/a	=	93	%	EPA 625	-88	-88	17	168	
2018/19-PRE	000NONPJ	matrix spike, RPD	8/30/2018	Organic	Chrysene	n/a	=	10	%	EPA 625	-88	-88	0	30	
2018/19-PRE	000NONPJ	matrix spike	8/30/2018	Organic	Chrysene	n/a	=	20.9	µg/L	EPA 625	0.19	1			
2018/19-PRE	000NONPJ	matrix spike, rec	8/30/2018	Organic	Chrysene	n/a	=	84	%	EPA 625	-88	-88	17	168	
2018/19-PRE	Carboy Blank	equip blank	8/30/2018	Organic	Chrysene	n/a	<	0.19	µg/L	EPA 625	0.19	1			
2018/19-PRE	Lab	method blank	8/30/2018	Organic	Chrysene	n/a	<	0.19	µg/L	EPA 625	0.19	1			

Appendix F
Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2018/19-PRE	Lab	LCS	8/30/2018	Organic	Chrysene	n/a	=	21.2	µg/L	EPA 625	0.19	1			
2018/19-PRE	Lab	LCS, rec	8/30/2018	Organic	Chrysene	n/a	=	85	%	EPA 625	-88	-88	17	168	
2018/19-PRE	Tubing Blank	equip blank	8/30/2018	Organic	Chrysene	n/a	<	0.19	µg/L	EPA 625	0.19	1			
2018/19-PRE	000NONPJ	matrix spike dup	8/30/2018	Organic	Dibenz(a,h)anthracene	n/a	=	36	µg/L	EPA 625	0.08	2			
2018/19-PRE	000NONPJ	matrix spike dup, rec	8/30/2018	Organic	Dibenz(a,h)anthracene	n/a	=	144	%	EPA 625	-88	-88	0.1	227	
2018/19-PRE	000NONPJ	matrix spike, RPD	8/30/2018	Organic	Dibenz(a,h)anthracene	n/a	=	56	%	EPA 625	-88	-88	0	30	IL
2018/19-PRE	000NONPJ	matrix spike	8/30/2018	Organic	Dibenz(a,h)anthracene	n/a	=	20.2	µg/L	EPA 625	0.08	2			
2018/19-PRE	000NONPJ	matrix spike, rec	8/30/2018	Organic	Dibenz(a,h)anthracene	n/a	=	81	%	EPA 625	-88	-88	0.1	227	
2018/19-PRE	Carboy Blank	equip blank	8/30/2018	Organic	Dibenz(a,h)anthracene	n/a	<	0.08	µg/L	EPA 625	0.08	2			
2018/19-PRE	Lab	method blank	8/30/2018	Organic	Dibenz(a,h)anthracene	n/a	<	0.08	µg/L	EPA 625	0.08	2			
2018/19-PRE	Lab	LCS	8/30/2018	Organic	Dibenz(a,h)anthracene	n/a	=	20.9	µg/L	EPA 625	0.08	2			
2018/19-PRE	Lab	LCS, rec	8/30/2018	Organic	Dibenz(a,h)anthracene	n/a	=	84	%	EPA 625	-88	-88	0.1	227	
2018/19-PRE	Tubing Blank	equip blank	8/30/2018	Organic	Dibenz(a,h)anthracene	n/a	<	0.08	µg/L	EPA 625	0.08	2			
2018/19-PRE	000NONPJ	matrix spike dup	8/30/2018	Organic	Diethyl phthalate	n/a	=	23.2	µg/L	EPA 625	0.15	1			
2018/19-PRE	000NONPJ	matrix spike dup, rec	8/30/2018	Organic	Diethyl phthalate	n/a	=	93	%	EPA 625	-88	-88	0.1	114	
2018/19-PRE	000NONPJ	matrix spike, RPD	8/30/2018	Organic	Diethyl phthalate	n/a	=	14	%	EPA 625	-88	-88	0	30	
2018/19-PRE	000NONPJ	matrix spike	8/30/2018	Organic	Diethyl phthalate	n/a	=	20.2	µg/L	EPA 625	0.15	1			
2018/19-PRE	000NONPJ	matrix spike, rec	8/30/2018	Organic	Diethyl phthalate	n/a	=	81	%	EPA 625	-88	-88	0.1	114	
2018/19-PRE	Carboy Blank	equip blank	8/30/2018	Organic	Diethyl phthalate	n/a	<	0.15	µg/L	EPA 625	0.15	1			
2018/19-PRE	Lab	method blank	8/30/2018	Organic	Diethyl phthalate	n/a	<	0.15	µg/L	EPA 625	0.15	1			
2018/19-PRE	Lab	LCS	8/30/2018	Organic	Diethyl phthalate	n/a	=	21.4	µg/L	EPA 625	0.15	1			
2018/19-PRE	Lab	LCS, rec	8/30/2018	Organic	Diethyl phthalate	n/a	=	86	%	EPA 625	-88	-88	0.1	114	
2018/19-PRE	Tubing Blank	equip blank	8/30/2018	Organic	Diethyl phthalate	n/a	=	1	µg/L	EPA 625	0.15	1			
2018/19-PRE	000NONPJ	matrix spike dup	8/30/2018	Organic	Dimethyl phthalate	n/a	=	19.5	µg/L	EPA 625	0.18	1			
2018/19-PRE	000NONPJ	matrix spike dup, rec	8/30/2018	Organic	Dimethyl phthalate	n/a	=	78	%	EPA 625	-88	-88	0.1	112	
2018/19-PRE	000NONPJ	matrix spike, RPD	8/30/2018	Organic	Dimethyl phthalate	n/a	=	16	%	EPA 625	-88	-88	0	30	
2018/19-PRE	000NONPJ	matrix spike	8/30/2018	Organic	Dimethyl phthalate	n/a	=	16.5	µg/L	EPA 625	0.18	1			
2018/19-PRE	000NONPJ	matrix spike, rec	8/30/2018	Organic	Dimethyl phthalate	n/a	=	66	%	EPA 625	-88	-88	0.1	112	
2018/19-PRE	Carboy Blank	equip blank	8/30/2018	Organic	Dimethyl phthalate	n/a	<	0.18	µg/L	EPA 625	0.18	1			
2018/19-PRE	Lab	method blank	8/30/2018	Organic	Dimethyl phthalate	n/a	<	0.18	µg/L	EPA 625	0.18	1			
2018/19-PRE	Lab	LCS	8/30/2018	Organic	Dimethyl phthalate	n/a	=	18.4	µg/L	EPA 625	0.18	1			
2018/19-PRE	Lab	LCS, rec	8/30/2018	Organic	Dimethyl phthalate	n/a	=	74	%	EPA 625	-88	-88	0.1	112	
2018/19-PRE	Tubing Blank	equip blank	8/30/2018	Organic	Dimethyl phthalate	n/a	<	0.18	µg/L	EPA 625	0.18	1			
2018/19-PRE	000NONPJ	matrix spike dup	8/30/2018	Organic	Di-n-butylphthalate	n/a	=	24.6	µg/L	EPA 625	0.24	1			
2018/19-PRE	000NONPJ	matrix spike dup, rec	8/30/2018	Organic	Di-n-butylphthalate	n/a	=	98	%	EPA 625	-88	-88	1	118	
2018/19-PRE	000NONPJ	matrix spike, RPD	8/30/2018	Organic	Di-n-butylphthalate	n/a	=	8	%	EPA 625	-88	-88	0	30	
2018/19-PRE	000NONPJ	matrix spike	8/30/2018	Organic	Di-n-butylphthalate	n/a	=	22.7	µg/L	EPA 625	0.24	1			
2018/19-PRE	000NONPJ	matrix spike, rec	8/30/2018	Organic	Di-n-butylphthalate	n/a	=	90	%	EPA 625	-88	-88	1	118	
2018/19-PRE	Carboy Blank	equip blank	8/30/2018	Organic	Di-n-butylphthalate	n/a	<	0.24	µg/L	EPA 625	0.24	1			
2018/19-PRE	Lab	method blank	8/30/2018	Organic	Di-n-butylphthalate	n/a	<	0.24	µg/L	EPA 625	0.24	1			
2018/19-PRE	Lab	LCS	8/30/2018	Organic	Di-n-butylphthalate	n/a	=	23.4	µg/L	EPA 625	0.24	1			
2018/19-PRE	Lab	LCS, rec	8/30/2018	Organic	Di-n-butylphthalate	n/a	=	94	%	EPA 625	-88	-88	1	118	
2018/19-PRE	Tubing Blank	equip blank	8/30/2018	Organic	Di-n-butylphthalate	n/a	<	0.24	µg/L	EPA 625	0.24	1			
2018/19-PRE	000NONPJ	matrix spike dup	8/30/2018	Organic	Di-n-octylphthalate	n/a	=	23.5	µg/L	EPA 625	0.19	1			
2018/19-PRE	000NONPJ	matrix spike dup, rec	8/30/2018	Organic	Di-n-octylphthalate	n/a	=	94	%	EPA 625	-88	-88	4	146	
2018/19-PRE	000NONPJ	matrix spike, RPD	8/30/2018	Organic	Di-n-octylphthalate	n/a	=	10	%	EPA 625	-88	-88	0	30	
2018/19-PRE	000NONPJ	matrix spike	8/30/2018	Organic	Di-n-octylphthalate	n/a	=	21.2	µg/L	EPA 625	0.19	1			

Appendix F
Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2018/19-PRE	000NONPJ	matrix spike, rec	8/30/2018	Organic	Di-n-octylphthalate	n/a	=	85	%	EPA 625	-88	-88	4	146	
2018/19-PRE	Carboy Blank	equip blank	8/30/2018	Organic	Di-n-octylphthalate	n/a	<	0.19	µg/L	EPA 625	0.19	1			
2018/19-PRE	Lab	method blank	8/30/2018	Organic	Di-n-octylphthalate	n/a	<	0.19	µg/L	EPA 625	0.19	1			
2018/19-PRE	Lab	LCS	8/30/2018	Organic	Di-n-octylphthalate	n/a	=	21.8	µg/L	EPA 625	0.19	1			
2018/19-PRE	Lab	LCS, rec	8/30/2018	Organic	Di-n-octylphthalate	n/a	=	87	%	EPA 625	-88	-88	4	146	
2018/19-PRE	Tubing Blank	equip blank	8/30/2018	Organic	Di-n-octylphthalate	n/a	<	0.19	µg/L	EPA 625	0.19	1			
2018/19-PRE	000NONPJ	matrix spike dup	8/30/2018	Organic	Fluoranthene	n/a	=	23.8	µg/L	EPA 625	0.22	1			
2018/19-PRE	000NONPJ	matrix spike dup, rec	8/30/2018	Organic	Fluoranthene	n/a	=	95	%	EPA 625	-88	-88	26	137	
2018/19-PRE	000NONPJ	matrix spike, RPD	8/30/2018	Organic	Fluoranthene	n/a	=	12	%	EPA 625	-88	-88	0	30	
2018/19-PRE	000NONPJ	matrix spike	8/30/2018	Organic	Fluoranthene	n/a	=	21.2	µg/L	EPA 625	0.22	1			
2018/19-PRE	000NONPJ	matrix spike, rec	8/30/2018	Organic	Fluoranthene	n/a	=	85	%	EPA 625	-88	-88	26	137	
2018/19-PRE	Carboy Blank	equip blank	8/30/2018	Organic	Fluoranthene	n/a	<	0.22	µg/L	EPA 625	0.22	1			
2018/19-PRE	Lab	method blank	8/30/2018	Organic	Fluoranthene	n/a	<	0.22	µg/L	EPA 625	0.22	1			
2018/19-PRE	Lab	LCS	8/30/2018	Organic	Fluoranthene	n/a	=	22.1	µg/L	EPA 625	0.22	1			
2018/19-PRE	Lab	LCS, rec	8/30/2018	Organic	Fluoranthene	n/a	=	89	%	EPA 625	-88	-88	26	137	
2018/19-PRE	Tubing Blank	equip blank	8/30/2018	Organic	Fluoranthene	n/a	<	0.22	µg/L	EPA 625	0.22	1			
2018/19-PRE	000NONPJ	matrix spike dup	8/30/2018	Organic	Fluorene	n/a	=	20.2	µg/L	EPA 625	0.35	1			
2018/19-PRE	000NONPJ	matrix spike dup, rec	8/30/2018	Organic	Fluorene	n/a	=	81	%	EPA 625	-88	-88	59	121	
2018/19-PRE	000NONPJ	matrix spike, RPD	8/30/2018	Organic	Fluorene	n/a	=	12	%	EPA 625	-88	-88	0	30	
2018/19-PRE	000NONPJ	matrix spike	8/30/2018	Organic	Fluorene	n/a	=	17.8	µg/L	EPA 625	0.35	1			
2018/19-PRE	000NONPJ	matrix spike, rec	8/30/2018	Organic	Fluorene	n/a	=	71	%	EPA 625	-88	-88	59	121	
2018/19-PRE	Carboy Blank	equip blank	8/30/2018	Organic	Fluorene	n/a	<	0.35	µg/L	EPA 625	0.35	1			
2018/19-PRE	Lab	method blank	8/30/2018	Organic	Fluorene	n/a	<	0.35	µg/L	EPA 625	0.35	1			
2018/19-PRE	Lab	LCS	8/30/2018	Organic	Fluorene	n/a	=	18.9	µg/L	EPA 625	0.35	1			
2018/19-PRE	Lab	LCS, rec	8/30/2018	Organic	Fluorene	n/a	=	76	%	EPA 625	-88	-88	59	121	
2018/19-PRE	Tubing Blank	equip blank	8/30/2018	Organic	Fluorene	n/a	<	0.35	µg/L	EPA 625	0.35	1			
2018/19-PRE	000NONPJ	matrix spike dup	8/30/2018	Organic	Hexachlorobenzene	n/a	=	21.1	µg/L	EPA 625	0.49	1			
2018/19-PRE	000NONPJ	matrix spike dup, rec	8/30/2018	Organic	Hexachlorobenzene	n/a	=	84	%	EPA 625	-88	-88	0.1	152	
2018/19-PRE	000NONPJ	matrix spike, RPD	8/30/2018	Organic	Hexachlorobenzene	n/a	=	11	%	EPA 625	-88	-88	0	30	
2018/19-PRE	000NONPJ	matrix spike	8/30/2018	Organic	Hexachlorobenzene	n/a	=	18.9	µg/L	EPA 625	0.49	1			
2018/19-PRE	000NONPJ	matrix spike, rec	8/30/2018	Organic	Hexachlorobenzene	n/a	=	76	%	EPA 625	-88	-88	0.1	152	
2018/19-PRE	Carboy Blank	equip blank	8/30/2018	Organic	Hexachlorobenzene	n/a	<	0.49	µg/L	EPA 625	0.49	1			
2018/19-PRE	Lab	method blank	8/30/2018	Organic	Hexachlorobenzene	n/a	<	0.49	µg/L	EPA 625	0.49	1			
2018/19-PRE	Lab	LCS	8/30/2018	Organic	Hexachlorobenzene	n/a	=	19.9	µg/L	EPA 625	0.49	1			
2018/19-PRE	Lab	LCS, rec	8/30/2018	Organic	Hexachlorobenzene	n/a	=	80	%	EPA 625	-88	-88	0.1	152	
2018/19-PRE	Tubing Blank	equip blank	8/30/2018	Organic	Hexachlorobenzene	n/a	<	0.49	µg/L	EPA 625	0.49	1			
2018/19-PRE	000NONPJ	matrix spike dup	8/30/2018	Organic	Hexachlorobutadiene	n/a	=	18.2	µg/L	EPA 625	0.47	1			
2018/19-PRE	000NONPJ	matrix spike dup, rec	8/30/2018	Organic	Hexachlorobutadiene	n/a	=	73	%	EPA 625	-88	-88	24	116	
2018/19-PRE	000NONPJ	matrix spike, RPD	8/30/2018	Organic	Hexachlorobutadiene	n/a	=	14	%	EPA 625	-88	-88	0	30	
2018/19-PRE	000NONPJ	matrix spike	8/30/2018	Organic	Hexachlorobutadiene	n/a	=	15.7	µg/L	EPA 625	0.47	1			
2018/19-PRE	000NONPJ	matrix spike, rec	8/30/2018	Organic	Hexachlorobutadiene	n/a	=	63	%	EPA 625	-88	-88	24	116	
2018/19-PRE	Carboy Blank	equip blank	8/30/2018	Organic	Hexachlorobutadiene	n/a	<	0.47	µg/L	EPA 625	0.47	1			
2018/19-PRE	Lab	method blank	8/30/2018	Organic	Hexachlorobutadiene	n/a	<	0.47	µg/L	EPA 625	0.47	1			
2018/19-PRE	Lab	LCS	8/30/2018	Organic	Hexachlorobutadiene	n/a	=	16.9	µg/L	EPA 625	0.47	1			
2018/19-PRE	Lab	LCS, rec	8/30/2018	Organic	Hexachlorobutadiene	n/a	=	68	%	EPA 625	-88	-88	24	116	
2018/19-PRE	Tubing Blank	equip blank	8/30/2018	Organic	Hexachlorobutadiene	n/a	<	0.47	µg/L	EPA 625	0.47	1			
2018/19-PRE	000NONPJ	matrix spike dup	8/30/2018	Organic	Hexachlorocyclopentadiene	n/a	=	8.48	µg/L	EPA 625	1.5	5			

Appendix F
Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2018/19-PRE	000NONPJ	matrix spike dup, rec	8/30/2018	Organic	Hexachlorocyclopentadiene	n/a	=	34	%	EPA 625	-88	-88	10	80	
2018/19-PRE	000NONPJ	matrix spike, RPD	8/30/2018	Organic	Hexachlorocyclopentadiene	n/a	=	34	%	EPA 625	-88	-88	0	30	IL
2018/19-PRE	000NONPJ	matrix spike	8/30/2018	Organic	Hexachlorocyclopentadiene	n/a	=	6.01	µg/L	EPA 625	1.5	5			
2018/19-PRE	000NONPJ	matrix spike, rec	8/30/2018	Organic	Hexachlorocyclopentadiene	n/a	=	24	%	EPA 625	-88	-88	10	80	
2018/19-PRE	Carboy Blank	equip blank	8/30/2018	Organic	Hexachlorocyclopentadiene	n/a	<	1.5	µg/L	EPA 625	1.5	5			
2018/19-PRE	Lab	method blank	8/30/2018	Organic	Hexachlorocyclopentadiene	n/a	<	1.5	µg/L	EPA 625	1.5	5			
2018/19-PRE	Lab	LCS	8/30/2018	Organic	Hexachlorocyclopentadiene	n/a	=	5.67	µg/L	EPA 625	1.5	5			
2018/19-PRE	Lab	LCS, rec	8/30/2018	Organic	Hexachlorocyclopentadiene	n/a	=	23	%	EPA 625	-88	-88	0.1	81	
2018/19-PRE	Tubing Blank	equip blank	8/30/2018	Organic	Hexachlorocyclopentadiene	n/a	<	1.5	µg/L	EPA 625	1.5	5			
2018/19-PRE	000NONPJ	matrix spike dup	8/30/2018	Organic	Hexachloroethane	n/a	=	17.5	µg/L	EPA 625	0.52	1			
2018/19-PRE	000NONPJ	matrix spike dup, rec	8/30/2018	Organic	Hexachloroethane	n/a	=	70	%	EPA 625	-88	-88	40	113	
2018/19-PRE	000NONPJ	matrix spike, RPD	8/30/2018	Organic	Hexachloroethane	n/a	=	9	%	EPA 625	-88	-88	0	30	
2018/19-PRE	000NONPJ	matrix spike	8/30/2018	Organic	Hexachloroethane	n/a	=	16	µg/L	EPA 625	0.52	1			
2018/19-PRE	000NONPJ	matrix spike, rec	8/30/2018	Organic	Hexachloroethane	n/a	=	64	%	EPA 625	-88	-88	40	113	
2018/19-PRE	Carboy Blank	equip blank	8/30/2018	Organic	Hexachloroethane	n/a	<	0.52	µg/L	EPA 625	0.52	1			
2018/19-PRE	Lab	method blank	8/30/2018	Organic	Hexachloroethane	n/a	<	0.52	µg/L	EPA 625	0.52	1			
2018/19-PRE	Lab	LCS	8/30/2018	Organic	Hexachloroethane	n/a	=	16.4	µg/L	EPA 625	0.52	1			
2018/19-PRE	Lab	LCS, rec	8/30/2018	Organic	Hexachloroethane	n/a	=	65	%	EPA 625	-88	-88	40	113	
2018/19-PRE	Tubing Blank	equip blank	8/30/2018	Organic	Hexachloroethane	n/a	<	0.52	µg/L	EPA 625	0.52	1			
2018/19-PRE	000NONPJ	matrix spike dup	8/30/2018	Organic	Indeno(1,2,3-cd)pyrene	n/a	=	39.1	µg/L	EPA 625	0.12	2			
2018/19-PRE	000NONPJ	matrix spike dup, rec	8/30/2018	Organic	Indeno(1,2,3-cd)pyrene	n/a	=	157	%	EPA 625	-88	-88	0.1	171	
2018/19-PRE	000NONPJ	matrix spike, RPD	8/30/2018	Organic	Indeno(1,2,3-cd)pyrene	n/a	=	54	%	EPA 625	-88	-88	0	30	IL
2018/19-PRE	000NONPJ	matrix spike	8/30/2018	Organic	Indeno(1,2,3-cd)pyrene	n/a	=	22.6	µg/L	EPA 625	0.12	2			
2018/19-PRE	000NONPJ	matrix spike, rec	8/30/2018	Organic	Indeno(1,2,3-cd)pyrene	n/a	=	90	%	EPA 625	-88	-88	0.1	171	
2018/19-PRE	Carboy Blank	equip blank	8/30/2018	Organic	Indeno(1,2,3-cd)pyrene	n/a	<	0.12	µg/L	EPA 625	0.12	2			
2018/19-PRE	Lab	method blank	8/30/2018	Organic	Indeno(1,2,3-cd)pyrene	n/a	<	0.12	µg/L	EPA 625	0.12	2			
2018/19-PRE	Lab	LCS	8/30/2018	Organic	Indeno(1,2,3-cd)pyrene	n/a	=	22.9	µg/L	EPA 625	0.12	2			
2018/19-PRE	Lab	LCS, rec	8/30/2018	Organic	Indeno(1,2,3-cd)pyrene	n/a	=	91	%	EPA 625	-88	-88	0.1	171	
2018/19-PRE	Tubing Blank	equip blank	8/30/2018	Organic	Indeno(1,2,3-cd)pyrene	n/a	<	0.12	µg/L	EPA 625	0.12	2			
2018/19-PRE	000NONPJ	matrix spike dup	8/30/2018	Organic	Isophorone	n/a	=	16.1	µg/L	EPA 625	0.21	1			
2018/19-PRE	000NONPJ	matrix spike dup, rec	8/30/2018	Organic	Isophorone	n/a	=	65	%	EPA 625	-88	-88	21	196	
2018/19-PRE	000NONPJ	matrix spike, RPD	8/30/2018	Organic	Isophorone	n/a	=	9	%	EPA 625	-88	-88	0	30	
2018/19-PRE	000NONPJ	matrix spike	8/30/2018	Organic	Isophorone	n/a	=	14.8	µg/L	EPA 625	0.21	1			
2018/19-PRE	000NONPJ	matrix spike, rec	8/30/2018	Organic	Isophorone	n/a	=	59	%	EPA 625	-88	-88	21	196	
2018/19-PRE	Carboy Blank	equip blank	8/30/2018	Organic	Isophorone	n/a	<	0.21	µg/L	EPA 625	0.21	1			
2018/19-PRE	Lab	method blank	8/30/2018	Organic	Isophorone	n/a	<	0.21	µg/L	EPA 625	0.21	1			
2018/19-PRE	Lab	LCS	8/30/2018	Organic	Isophorone	n/a	=	15	µg/L	EPA 625	0.21	1			
2018/19-PRE	Lab	LCS, rec	8/30/2018	Organic	Isophorone	n/a	=	60	%	EPA 625	-88	-88	21	196	
2018/19-PRE	Tubing Blank	equip blank	8/30/2018	Organic	Isophorone	n/a	<	0.21	µg/L	EPA 625	0.21	1			
2018/19-PRE	000NONPJ	matrix spike dup	8/30/2018	Organic	Naphthalene	n/a	=	18.5	µg/L	EPA 625	0.49	1			
2018/19-PRE	000NONPJ	matrix spike dup, rec	8/30/2018	Organic	Naphthalene	n/a	=	74	%	EPA 625	-88	-88	21	133	
2018/19-PRE	000NONPJ	matrix spike, RPD	8/30/2018	Organic	Naphthalene	n/a	=	15	%	EPA 625	-88	-88	0	30	
2018/19-PRE	000NONPJ	matrix spike	8/30/2018	Organic	Naphthalene	n/a	=	15.8	µg/L	EPA 625	0.49	1			
2018/19-PRE	000NONPJ	matrix spike, rec	8/30/2018	Organic	Naphthalene	n/a	=	63	%	EPA 625	-88	-88	21	133	
2018/19-PRE	Carboy Blank	equip blank	8/30/2018	Organic	Naphthalene	n/a	<	0.49	µg/L	EPA 625	0.49	1			
2018/19-PRE	Lab	method blank	8/30/2018	Organic	Naphthalene	n/a	<	0.49	µg/L	EPA 625	0.49	1			
2018/19-PRE	Lab	LCS	8/30/2018	Organic	Naphthalene	n/a	=	16.9	µg/L	EPA 625	0.49	1			

Appendix F
Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2018/19-PRE	Lab	LCS, rec	8/30/2018	Organic	Naphthalene	n/a	=	67	%	EPA 625	-88	-88	21	133	
2018/19-PRE	Tubing Blank	equip blank	8/30/2018	Organic	Naphthalene	n/a	<	0.49	µg/L	EPA 625	0.49	1			
2018/19-PRE	000NONPJ	matrix spike dup	8/30/2018	Organic	Nitrobenzene	n/a	=	19.3	µg/L	EPA 625	0.36	1			
2018/19-PRE	000NONPJ	matrix spike dup, rec	8/30/2018	Organic	Nitrobenzene	n/a	=	77	%	EPA 625	-88	-88	35	180	
2018/19-PRE	000NONPJ	matrix spike, RPD	8/30/2018	Organic	Nitrobenzene	n/a	=	10	%	EPA 625	-88	-88	0	30	
2018/19-PRE	000NONPJ	matrix spike	8/30/2018	Organic	Nitrobenzene	n/a	=	17.5	µg/L	EPA 625	0.36	1			
2018/19-PRE	000NONPJ	matrix spike, rec	8/30/2018	Organic	Nitrobenzene	n/a	=	70	%	EPA 625	-88	-88	35	180	
2018/19-PRE	Carboy Blank	equip blank	8/30/2018	Organic	Nitrobenzene	n/a	<	0.36	µg/L	EPA 625	0.36	1			
2018/19-PRE	Lab	method blank	8/30/2018	Organic	Nitrobenzene	n/a	<	0.36	µg/L	EPA 625	0.36	1			
2018/19-PRE	Lab	LCS	8/30/2018	Organic	Nitrobenzene	n/a	=	18	µg/L	EPA 625	0.36	1			
2018/19-PRE	Lab	LCS, rec	8/30/2018	Organic	Nitrobenzene	n/a	=	72	%	EPA 625	-88	-88	35	180	
2018/19-PRE	Tubing Blank	equip blank	8/30/2018	Organic	Nitrobenzene	n/a	<	0.36	µg/L	EPA 625	0.36	1			
2018/19-PRE	000NONPJ	srgt matrix spike dup	8/30/2018	Organic	Nitrobenzene-d5	n/a	=	18.3	µg/L	EPA 625	-88	-88			
2018/19-PRE	000NONPJ	srgt matrix spike dup, rec	8/30/2018	Organic	Nitrobenzene-d5	n/a	=	73	%	EPA 625	-88	-88	27	111	
2018/19-PRE	000NONPJ	srgt matrix spike	8/30/2018	Organic	Nitrobenzene-d5	n/a	=	16.5	µg/L	EPA 625	-88	-88			
2018/19-PRE	000NONPJ	srgt matrix spike, rec	8/30/2018	Organic	Nitrobenzene-d5	n/a	=	66	%	EPA 625	-88	-88	27	111	
2018/19-PRE	Carboy Blank	srgt equip blank	8/30/2018	Organic	Nitrobenzene-d5	n/a	=	8.96	µg/L	EPA 625	-88	-88			
2018/19-PRE	Carboy Blank	srgt equip blank, rec	8/30/2018	Organic	Nitrobenzene-d5	n/a	=	36	%	EPA 625	-88	-88	27	111	
2018/19-PRE	Lab	srgt method blank	8/30/2018	Organic	Nitrobenzene-d5	n/a	=	16.4	µg/L	EPA 625	-88	-88			
2018/19-PRE	Lab	srgt method blank, rec	8/30/2018	Organic	Nitrobenzene-d5	n/a	=	65	%	EPA 625	-88	-88	27	111	
2018/19-PRE	Lab	srgt LCS	8/30/2018	Organic	Nitrobenzene-d5	n/a	=	17.1	µg/L	EPA 625	-88	-88			
2018/19-PRE	Lab	srgt LCS, rec	8/30/2018	Organic	Nitrobenzene-d5	n/a	=	68	%	EPA 625	-88	-88	27	111	
2018/19-PRE	Tubing Blank	srgt equip blank	8/30/2018	Organic	Nitrobenzene-d5	n/a	=	15.7	µg/L	EPA 625	-88	-88			
2018/19-PRE	Tubing Blank	srgt equip blank, rec	8/30/2018	Organic	Nitrobenzene-d5	n/a	=	63	%	EPA 625	-88	-88	27	111	
2018/19-PRE	000NONPJ	matrix spike dup	8/30/2018	Organic	N-Nitrosodimethylamine	n/a	=	11.6	µg/L	EPA 625	0.14	1			
2018/19-PRE	000NONPJ	matrix spike dup, rec	8/30/2018	Organic	N-Nitrosodimethylamine	n/a	=	46	%	EPA 625	-88	-88	10	86	
2018/19-PRE	000NONPJ	matrix spike, RPD	8/30/2018	Organic	N-Nitrosodimethylamine	n/a	=	10	%	EPA 625	-88	-88	0	30	
2018/19-PRE	000NONPJ	matrix spike	8/30/2018	Organic	N-Nitrosodimethylamine	n/a	=	10.4	µg/L	EPA 625	0.14	1			
2018/19-PRE	000NONPJ	matrix spike, rec	8/30/2018	Organic	N-Nitrosodimethylamine	n/a	=	42	%	EPA 625	-88	-88	10	86	
2018/19-PRE	Carboy Blank	equip blank	8/30/2018	Organic	N-Nitrosodimethylamine	n/a	<	0.14	µg/L	EPA 625	0.14	1			
2018/19-PRE	Lab	method blank	8/30/2018	Organic	N-Nitrosodimethylamine	n/a	<	0.14	µg/L	EPA 625	0.14	1			
2018/19-PRE	Lab	LCS	8/30/2018	Organic	N-Nitrosodimethylamine	n/a	=	10.6	µg/L	EPA 625	0.14	1			
2018/19-PRE	Lab	LCS, rec	8/30/2018	Organic	N-Nitrosodimethylamine	n/a	=	42	%	EPA 625	-88	-88	20	83	
2018/19-PRE	Tubing Blank	equip blank	8/30/2018	Organic	N-Nitrosodimethylamine	n/a	<	0.14	µg/L	EPA 625	0.14	1			
2018/19-PRE	000NONPJ	matrix spike dup	8/30/2018	Organic	N-Nitrosodi-N-propylamine	n/a	=	19.6	µg/L	EPA 625	0.26	1			
2018/19-PRE	000NONPJ	matrix spike dup, rec	8/30/2018	Organic	N-Nitrosodi-N-propylamine	n/a	=	79	%	EPA 625	-88	-88	0.1	230	
2018/19-PRE	000NONPJ	matrix spike, RPD	8/30/2018	Organic	N-Nitrosodi-N-propylamine	n/a	=	10	%	EPA 625	-88	-88	0	30	
2018/19-PRE	000NONPJ	matrix spike	8/30/2018	Organic	N-Nitrosodi-N-propylamine	n/a	=	17.7	µg/L	EPA 625	0.26	1			
2018/19-PRE	000NONPJ	matrix spike, rec	8/30/2018	Organic	N-Nitrosodi-N-propylamine	n/a	=	71	%	EPA 625	-88	-88	0.1	230	
2018/19-PRE	Carboy Blank	equip blank	8/30/2018	Organic	N-Nitrosodi-N-propylamine	n/a	<	0.26	µg/L	EPA 625	0.26	1			
2018/19-PRE	Lab	method blank	8/30/2018	Organic	N-Nitrosodi-N-propylamine	n/a	<	0.26	µg/L	EPA 625	0.26	1			
2018/19-PRE	Lab	LCS	8/30/2018	Organic	N-Nitrosodi-N-propylamine	n/a	=	17.7	µg/L	EPA 625	0.26	1			
2018/19-PRE	Lab	LCS, rec	8/30/2018	Organic	N-Nitrosodi-N-propylamine	n/a	=	71	%	EPA 625	-88	-88	0.1	230	
2018/19-PRE	Tubing Blank	equip blank	8/30/2018	Organic	N-Nitrosodi-N-propylamine	n/a	<	0.26	µg/L	EPA 625	0.26	1			
2018/19-PRE	000NONPJ	matrix spike dup	8/30/2018	Organic	N-Nitrosodiphenylamine	n/a	DNQ	0.256	µg/L	EPA 625	0.19	1			GB
2018/19-PRE	000NONPJ	matrix spike dup, rec	8/30/2018	Organic	N-Nitrosodiphenylamine	n/a	=	1	%	EPA 625	-88	-88	49	82	GB
2018/19-PRE	000NONPJ	matrix spike, RPD	8/30/2018	Organic	N-Nitrosodiphenylamine	n/a	=	193	%	EPA 625	-88	-88	0	30	IL

Appendix F
Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2018/19-PRE	000NONPJ	matrix spike	8/30/2018	Organic	N-Nitrosodiphenylamine	n/a	=	15	µg/L	EPA 625	0.19	1			
2018/19-PRE	000NONPJ	matrix spike, rec	8/30/2018	Organic	N-Nitrosodiphenylamine	n/a	=	60	%	EPA 625	-88	-88	49	82	
2018/19-PRE	Carboy Blank	equip blank	8/30/2018	Organic	N-Nitrosodiphenylamine	n/a	<	0.19	µg/L	EPA 625	0.19	1			
2018/19-PRE	Lab	method blank	8/30/2018	Organic	N-Nitrosodiphenylamine	n/a	<	0.19	µg/L	EPA 625	0.19	1			
2018/19-PRE	Lab	LCS	8/30/2018	Organic	N-Nitrosodiphenylamine	n/a	=	15.9	µg/L	EPA 625	0.19	1			
2018/19-PRE	Lab	LCS, rec	8/30/2018	Organic	N-Nitrosodiphenylamine	n/a	=	64	%	EPA 625	-88	-88	42	90	
2018/19-PRE	Tubing Blank	equip blank	8/30/2018	Organic	N-Nitrosodiphenylamine	n/a	<	0.19	µg/L	EPA 625	0.19	1			
2018/19-PRE	Carboy Blank	srgt equip blank	8/29/2018	Organic	Perylene-d12	n/a	=	4.18	µg/L	EPA 525.2	-88	-88			
2018/19-PRE	Carboy Blank	srgt equip blank, rec	8/29/2018	Organic	Perylene-d12	n/a	=	84	%	EPA 525.2	-88	-88	50	120	
2018/19-PRE	Lab	srgt method blank	8/29/2018	Organic	Perylene-d12	n/a	=	4.28	µg/L	EPA 525.2	-88	-88			
2018/19-PRE	Lab	srgt method blank, rec	8/29/2018	Organic	Perylene-d12	n/a	=	86	%	EPA 525.2	-88	-88	50	120	
2018/19-PRE	Lab	srgt LCS	8/29/2018	Organic	Perylene-d12	n/a	=	4.89	µg/L	EPA 525.2	-88	-88			
2018/19-PRE	Lab	srgt LCS, rec	8/29/2018	Organic	Perylene-d12	n/a	=	98	%	EPA 525.2	-88	-88	50	120	
2018/19-PRE	Lab	srgt LCS dup	8/29/2018	Organic	Perylene-d12	n/a	=	4.92	µg/L	EPA 525.2	-88	-88			
2018/19-PRE	Lab	srgt LCS dup, rec	8/29/2018	Organic	Perylene-d12	n/a	=	98	%	EPA 525.2	-88	-88	50	120	
2018/19-PRE	Tubing Blank	srgt equip blank	8/29/2018	Organic	Perylene-d12	n/a	=	4.16	µg/L	EPA 525.2	-88	-88			
2018/19-PRE	Tubing Blank	srgt equip blank, rec	8/29/2018	Organic	Perylene-d12	n/a	=	83	%	EPA 525.2	-88	-88	50	120	
2018/19-PRE	000NONPJ	matrix spike dup	8/30/2018	Organic	Phenanthrene	n/a	=	21.8	µg/L	EPA 625	0.32	1			
2018/19-PRE	000NONPJ	matrix spike dup, rec	8/30/2018	Organic	Phenanthrene	n/a	=	87	%	EPA 625	-88	-88	54	120	
2018/19-PRE	000NONPJ	matrix spike, RPD	8/30/2018	Organic	Phenanthrene	n/a	=	10	%	EPA 625	-88	-88	0	30	
2018/19-PRE	000NONPJ	matrix spike	8/30/2018	Organic	Phenanthrene	n/a	=	19.6	µg/L	EPA 625	0.32	1			
2018/19-PRE	000NONPJ	matrix spike, rec	8/30/2018	Organic	Phenanthrene	n/a	=	79	%	EPA 625	-88	-88	54	120	
2018/19-PRE	Carboy Blank	equip blank	8/30/2018	Organic	Phenanthrene	n/a	<	0.32	µg/L	EPA 625	0.32	1			
2018/19-PRE	Lab	method blank	8/30/2018	Organic	Phenanthrene	n/a	<	0.32	µg/L	EPA 625	0.32	1			
2018/19-PRE	Lab	LCS	8/30/2018	Organic	Phenanthrene	n/a	=	20.8	µg/L	EPA 625	0.32	1			
2018/19-PRE	Lab	LCS, rec	8/30/2018	Organic	Phenanthrene	n/a	=	83	%	EPA 625	-88	-88	54	120	
2018/19-PRE	Tubing Blank	equip blank	8/30/2018	Organic	Phenanthrene	n/a	<	0.32	µg/L	EPA 625	0.32	1			
2018/19-PRE	000NONPJ	matrix spike dup	8/30/2018	Organic	Phenol	n/a	=	6.56	µg/L	EPA 625	0.16	1			
2018/19-PRE	000NONPJ	matrix spike dup, rec	8/30/2018	Organic	Phenol	n/a	=	26	%	EPA 625	-88	-88	5	112	
2018/19-PRE	000NONPJ	matrix spike, RPD	8/30/2018	Organic	Phenol	n/a	=	8	%	EPA 625	-88	-88	0	30	
2018/19-PRE	000NONPJ	matrix spike	8/30/2018	Organic	Phenol	n/a	=	6.03	µg/L	EPA 625	0.16	1			
2018/19-PRE	000NONPJ	matrix spike, rec	8/30/2018	Organic	Phenol	n/a	=	24	%	EPA 625	-88	-88	5	112	
2018/19-PRE	Carboy Blank	equip blank	8/30/2018	Organic	Phenol	n/a	<	0.16	µg/L	EPA 625	0.16	1			
2018/19-PRE	Lab	method blank	8/30/2018	Organic	Phenol	n/a	<	0.16	µg/L	EPA 625	0.16	1			
2018/19-PRE	Lab	LCS	8/30/2018	Organic	Phenol	n/a	=	6.38	µg/L	EPA 625	0.16	1			
2018/19-PRE	Lab	LCS, rec	8/30/2018	Organic	Phenol	n/a	=	26	%	EPA 625	-88	-88	5	112	
2018/19-PRE	Tubing Blank	equip blank	8/30/2018	Organic	Phenol	n/a	<	0.16	µg/L	EPA 625	0.16	1			
2018/19-PRE	000NONPJ	srgt matrix spike dup	8/30/2018	Organic	Phenol-d5	n/a	=	13.4	µg/L	EPA 625	-88	-88			
2018/19-PRE	000NONPJ	srgt matrix spike dup, rec	8/30/2018	Organic	Phenol-d5	n/a	=	27	%	EPA 625	-88	-88	0.1	53	
2018/19-PRE	000NONPJ	srgt matrix spike	8/30/2018	Organic	Phenol-d5	n/a	=	12.5	µg/L	EPA 625	-88	-88			
2018/19-PRE	000NONPJ	srgt matrix spike, rec	8/30/2018	Organic	Phenol-d5	n/a	=	25	%	EPA 625	-88	-88	0.1	53	
2018/19-PRE	Carboy Blank	srgt equip blank	8/30/2018	Organic	Phenol-d5	n/a	=	7.06	µg/L	EPA 625	-88	-88			
2018/19-PRE	Carboy Blank	srgt equip blank, rec	8/30/2018	Organic	Phenol-d5	n/a	=	14	%	EPA 625	-88	-88	0.1	53	
2018/19-PRE	Lab	srgt method blank	8/30/2018	Organic	Phenol-d5	n/a	=	13.1	µg/L	EPA 625	-88	-88			
2018/19-PRE	Lab	srgt method blank, rec	8/30/2018	Organic	Phenol-d5	n/a	=	26	%	EPA 625	-88	-88	0.1	53	
2018/19-PRE	Lab	srgt LCS	8/30/2018	Organic	Phenol-d5	n/a	=	13.5	µg/L	EPA 625	-88	-88			
2018/19-PRE	Lab	srgt LCS, rec	8/30/2018	Organic	Phenol-d5	n/a	=	27	%	EPA 625	-88	-88	0.1	53	

Appendix F
Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2018/19-PRE	Tubing Blank	srgt equip blank	8/30/2018	Organic	Phenol-d5	n/a	=	11.8	µg/L	EPA 625	-88	-88			
2018/19-PRE	Tubing Blank	srgt equip blank, rec	8/30/2018	Organic	Phenol-d5	n/a	=	24	%	EPA 625	-88	-88	0.1	53	
2018/19-PRE	000NONPJ	srgt matrix spike dup	8/30/2018	Organic	p-Terphenyl-d14	n/a	=	24.2	µg/L	EPA 625	-88	-88			
2018/19-PRE	000NONPJ	srgt matrix spike dup, rec	8/30/2018	Organic	p-Terphenyl-d14	n/a	=	97	%	EPA 625	-88	-88	28	113	
2018/19-PRE	000NONPJ	srgt matrix spike	8/30/2018	Organic	p-Terphenyl-d14	n/a	=	21.4	µg/L	EPA 625	-88	-88			
2018/19-PRE	000NONPJ	srgt matrix spike, rec	8/30/2018	Organic	p-Terphenyl-d14	n/a	=	86	%	EPA 625	-88	-88	28	113	
2018/19-PRE	Carboy Blank	srgt equip blank	8/30/2018	Organic	p-Terphenyl-d14	n/a	=	13.9	µg/L	EPA 625	-88	-88			
2018/19-PRE	Carboy Blank	srgt equip blank, rec	8/30/2018	Organic	p-Terphenyl-d14	n/a	=	56	%	EPA 625	-88	-88	28	113	
2018/19-PRE	Lab	srgt method blank	8/30/2018	Organic	p-Terphenyl-d14	n/a	=	22.7	µg/L	EPA 625	-88	-88			
2018/19-PRE	Lab	srgt method blank, rec	8/30/2018	Organic	p-Terphenyl-d14	n/a	=	91	%	EPA 625	-88	-88	28	113	
2018/19-PRE	Lab	srgt LCS	8/30/2018	Organic	p-Terphenyl-d14	n/a	=	22.7	µg/L	EPA 625	-88	-88			
2018/19-PRE	Lab	srgt LCS, rec	8/30/2018	Organic	p-Terphenyl-d14	n/a	=	91	%	EPA 625	-88	-88	28	113	
2018/19-PRE	Tubing Blank	srgt equip blank	8/30/2018	Organic	p-Terphenyl-d14	n/a	=	21.3	µg/L	EPA 625	-88	-88			
2018/19-PRE	Tubing Blank	srgt equip blank, rec	8/30/2018	Organic	p-Terphenyl-d14	n/a	=	85	%	EPA 625	-88	-88	28	113	
2018/19-PRE	000NONPJ	matrix spike dup	8/30/2018	Organic	Pyrene	n/a	=	22.7	µg/L	EPA 625	0.25	1			
2018/19-PRE	000NONPJ	matrix spike dup, rec	8/30/2018	Organic	Pyrene	n/a	=	91	%	EPA 625	-88	-88	52	115	
2018/19-PRE	000NONPJ	matrix spike, RPD	8/30/2018	Organic	Pyrene	n/a	=	4	%	EPA 625	-88	-88	0	30	
2018/19-PRE	000NONPJ	matrix spike	8/30/2018	Organic	Pyrene	n/a	=	21.8	µg/L	EPA 625	0.25	1			
2018/19-PRE	000NONPJ	matrix spike, rec	8/30/2018	Organic	Pyrene	n/a	=	87	%	EPA 625	-88	-88	52	115	
2018/19-PRE	Carboy Blank	equip blank	8/30/2018	Organic	Pyrene	n/a	<	0.25	µg/L	EPA 625	0.25	1			
2018/19-PRE	Lab	method blank	8/30/2018	Organic	Pyrene	n/a	<	0.25	µg/L	EPA 625	0.25	1			
2018/19-PRE	Lab	LCS	8/30/2018	Organic	Pyrene	n/a	=	22.5	µg/L	EPA 625	0.25	1			
2018/19-PRE	Lab	LCS, rec	8/30/2018	Organic	Pyrene	n/a	=	90	%	EPA 625	-88	-88	52	115	
2018/19-PRE	Tubing Blank	equip blank	8/30/2018	Organic	Pyrene	n/a	<	0.25	µg/L	EPA 625	0.25	1			
2018/19-PRE	Carboy Blank	srgt equip blank	8/29/2018	Organic	Triphenylphosphate	n/a	=	4.7	µg/L	EPA 525.2	-88	-88			
2018/19-PRE	Carboy Blank	srgt equip blank, rec	8/29/2018	Organic	Triphenylphosphate	n/a	=	94	%	EPA 525.2	-88	-88	70	130	
2018/19-PRE	Lab	srgt method blank	8/29/2018	Organic	Triphenylphosphate	n/a	=	4.59	µg/L	EPA 525.2	-88	-88			
2018/19-PRE	Lab	srgt method blank, rec	8/29/2018	Organic	Triphenylphosphate	n/a	=	92	%	EPA 525.2	-88	-88	70	130	
2018/19-PRE	Lab	srgt LCS	8/29/2018	Organic	Triphenylphosphate	n/a	=	5.43	µg/L	EPA 525.2	-88	-88			
2018/19-PRE	Lab	srgt LCS, rec	8/29/2018	Organic	Triphenylphosphate	n/a	=	109	%	EPA 525.2	-88	-88	70	130	
2018/19-PRE	Lab	srgt LCS dup	8/29/2018	Organic	Triphenylphosphate	n/a	=	5.39	µg/L	EPA 525.2	-88	-88			
2018/19-PRE	Lab	srgt LCS dup, rec	8/29/2018	Organic	Triphenylphosphate	n/a	=	108	%	EPA 525.2	-88	-88	70	130	
2018/19-PRE	Tubing Blank	srgt equip blank	8/29/2018	Organic	Triphenylphosphate	n/a	=	4.65	µg/L	EPA 525.2	-88	-88			
2018/19-PRE	Tubing Blank	srgt equip blank, rec	8/29/2018	Organic	Triphenylphosphate	n/a	=	93	%	EPA 525.2	-88	-88	70	130	
2018/19-PRE	Carboy Blank	equip blank	8/29/2018	Pesticide	Alachlor	n/a	<	0.022	µg/L	EPA 525.2	0.022	0.1			
2018/19-PRE	Lab	method blank	8/29/2018	Pesticide	Alachlor	n/a	<	0.022	µg/L	EPA 525.2	0.022	0.1			
2018/19-PRE	Lab	LCS	8/29/2018	Pesticide	Alachlor	n/a	=	5.67	µg/L	EPA 525.2	0.022	0.1			
2018/19-PRE	Lab	LCS, rec	8/29/2018	Pesticide	Alachlor	n/a	=	113	%	EPA 525.2	-88	-88	70	130	
2018/19-PRE	Lab	LCS dup	8/29/2018	Pesticide	Alachlor	n/a	=	5.65	µg/L	EPA 525.2	0.022	0.1			
2018/19-PRE	Lab	LCS dup, rec	8/29/2018	Pesticide	Alachlor	n/a	=	113	%	EPA 525.2	-88	-88	70	130	
2018/19-PRE	Lab	LCS, RPD	8/29/2018	Pesticide	Alachlor	n/a	=	0.4	%	EPA 525.2	-88	-88	0	30	
2018/19-PRE	Tubing Blank	equip blank	8/29/2018	Pesticide	Alachlor	n/a	<	0.022	µg/L	EPA 525.2	0.022	0.1			
2018/19-PRE	Carboy Blank	equip blank	8/29/2018	Pesticide	Atrazine	n/a	<	0.034	µg/L	EPA 525.2	0.034	0.1			
2018/19-PRE	Lab	method blank	8/29/2018	Pesticide	Atrazine	n/a	<	0.034	µg/L	EPA 525.2	0.034	0.1			
2018/19-PRE	Lab	LCS	8/29/2018	Pesticide	Atrazine	n/a	=	5.17	µg/L	EPA 525.2	0.034	0.1			
2018/19-PRE	Lab	LCS, rec	8/29/2018	Pesticide	Atrazine	n/a	=	103	%	EPA 525.2	-88	-88	70	130	
2018/19-PRE	Lab	LCS dup	8/29/2018	Pesticide	Atrazine	n/a	=	5.18	µg/L	EPA 525.2	0.034	0.1			

Appendix F
Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2018/19-PRE	Lab	LCS dup, rec	8/29/2018	Pesticide	Atrazine	n/a	=	104	%	EPA 525.2	-88	-88	70	130	
2018/19-PRE	Lab	LCS, RPD	8/29/2018	Pesticide	Atrazine	n/a	=	0.2	%	EPA 525.2	-88	-88	0	30	
2018/19-PRE	Tubing Blank	equip blank	8/29/2018	Pesticide	Atrazine	n/a	<	0.034	µg/L	EPA 525.2	0.034	0.1			
2018/19-PRE	Carboy Blank	equip blank	8/29/2018	Pesticide	Bromacil	n/a	<	0.038	µg/L	EPA 525.2	0.038	0.5			
2018/19-PRE	Lab	method blank	8/29/2018	Pesticide	Bromacil	n/a	<	0.038	µg/L	EPA 525.2	0.038	0.5			
2018/19-PRE	Lab	LCS	8/29/2018	Pesticide	Bromacil	n/a	=	4.99	µg/L	EPA 525.2	0.038	0.5			
2018/19-PRE	Lab	LCS, rec	8/29/2018	Pesticide	Bromacil	n/a	=	100	%	EPA 525.2	-88	-88	70	130	
2018/19-PRE	Lab	LCS dup	8/29/2018	Pesticide	Bromacil	n/a	=	5.13	µg/L	EPA 525.2	0.038	0.5			
2018/19-PRE	Lab	LCS dup, rec	8/29/2018	Pesticide	Bromacil	n/a	=	103	%	EPA 525.2	-88	-88	70	130	
2018/19-PRE	Lab	LCS, RPD	8/29/2018	Pesticide	Bromacil	n/a	=	3	%	EPA 525.2	-88	-88	0	30	
2018/19-PRE	Tubing Blank	equip blank	8/29/2018	Pesticide	Bromacil	n/a	<	0.038	µg/L	EPA 525.2	0.038	0.5			
2018/19-PRE	Carboy Blank	equip blank	8/29/2018	Pesticide	Butachlor	n/a	<	0.017	µg/L	EPA 525.2	0.017	0.1			
2018/19-PRE	Lab	method blank	8/29/2018	Pesticide	Butachlor	n/a	<	0.017	µg/L	EPA 525.2	0.017	0.1			
2018/19-PRE	Lab	LCS	8/29/2018	Pesticide	Butachlor	n/a	=	5.46	µg/L	EPA 525.2	0.017	0.1			
2018/19-PRE	Lab	LCS, rec	8/29/2018	Pesticide	Butachlor	n/a	=	109	%	EPA 525.2	-88	-88	70	130	
2018/19-PRE	Lab	LCS dup	8/29/2018	Pesticide	Butachlor	n/a	=	5.41	µg/L	EPA 525.2	0.017	0.1			
2018/19-PRE	Lab	LCS dup, rec	8/29/2018	Pesticide	Butachlor	n/a	=	108	%	EPA 525.2	-88	-88	70	130	
2018/19-PRE	Lab	LCS, RPD	8/29/2018	Pesticide	Butachlor	n/a	=	0.8	%	EPA 525.2	-88	-88	0	30	
2018/19-PRE	Tubing Blank	equip blank	8/29/2018	Pesticide	Butachlor	n/a	<	0.017	µg/L	EPA 525.2	0.017	0.1			
2018/19-PRE	Carboy Blank	equip blank	8/29/2018	Pesticide	Captan	n/a	<	0.86	µg/L	EPA 525.2	0.86	1			
2018/19-PRE	Lab	method blank	8/29/2018	Pesticide	Captan	n/a	<	0.86	µg/L	EPA 525.2	0.86	1			
2018/19-PRE	Lab	LCS	8/29/2018	Pesticide	Captan	n/a	=	4.4	µg/L	EPA 525.2	0.86	1			
2018/19-PRE	Lab	LCS, rec	8/29/2018	Pesticide	Captan	n/a	=	88	%	EPA 525.2	-88	-88	70	130	
2018/19-PRE	Lab	LCS dup	8/29/2018	Pesticide	Captan	n/a	=	4.55	µg/L	EPA 525.2	0.86	1			
2018/19-PRE	Lab	LCS dup, rec	8/29/2018	Pesticide	Captan	n/a	=	91	%	EPA 525.2	-88	-88	70	130	
2018/19-PRE	Lab	LCS, RPD	8/29/2018	Pesticide	Captan	n/a	=	3	%	EPA 525.2	-88	-88	0	30	
2018/19-PRE	Tubing Blank	equip blank	8/29/2018	Pesticide	Captan	n/a	<	0.86	µg/L	EPA 525.2	0.86	1			
2018/19-PRE	Carboy Blank	equip blank	8/29/2018	Pesticide	Chloroprotham	n/a	<	0.01	µg/L	EPA 525.2	0.01	0.1			
2018/19-PRE	Lab	method blank	8/29/2018	Pesticide	Chloroprotham	n/a	<	0.01	µg/L	EPA 525.2	0.01	0.1			
2018/19-PRE	Lab	LCS	8/29/2018	Pesticide	Chloroprotham	n/a	=	5.33	µg/L	EPA 525.2	0.01	0.1			
2018/19-PRE	Lab	LCS, rec	8/29/2018	Pesticide	Chloroprotham	n/a	=	107	%	EPA 525.2	-88	-88	70	130	
2018/19-PRE	Lab	LCS dup	8/29/2018	Pesticide	Chloroprotham	n/a	=	5.16	µg/L	EPA 525.2	0.01	0.1			
2018/19-PRE	Lab	LCS dup, rec	8/29/2018	Pesticide	Chloroprotham	n/a	=	103	%	EPA 525.2	-88	-88	70	130	
2018/19-PRE	Lab	LCS, RPD	8/29/2018	Pesticide	Chloroprotham	n/a	=	3	%	EPA 525.2	-88	-88	0	30	
2018/19-PRE	Tubing Blank	equip blank	8/29/2018	Pesticide	Chloroprotham	n/a	<	0.01	µg/L	EPA 525.2	0.01	0.1			
2018/19-PRE	Carboy Blank	equip blank	8/29/2018	Pesticide	Cyanazine	n/a	<	0.024	µg/L	EPA 525.2	0.024	0.1			
2018/19-PRE	Lab	method blank	8/29/2018	Pesticide	Cyanazine	n/a	<	0.024	µg/L	EPA 525.2	0.024	0.1			
2018/19-PRE	Lab	LCS	8/29/2018	Pesticide	Cyanazine	n/a	=	5.65	µg/L	EPA 525.2	0.024	0.1			
2018/19-PRE	Lab	LCS, rec	8/29/2018	Pesticide	Cyanazine	n/a	=	113	%	EPA 525.2	-88	-88	70	130	
2018/19-PRE	Lab	LCS dup	8/29/2018	Pesticide	Cyanazine	n/a	=	5.52	µg/L	EPA 525.2	0.024	0.1			
2018/19-PRE	Lab	LCS dup, rec	8/29/2018	Pesticide	Cyanazine	n/a	=	110	%	EPA 525.2	-88	-88	70	130	
2018/19-PRE	Lab	LCS, RPD	8/29/2018	Pesticide	Cyanazine	n/a	=	2	%	EPA 525.2	-88	-88	0	30	
2018/19-PRE	Tubing Blank	equip blank	8/29/2018	Pesticide	Cyanazine	n/a	<	0.024	µg/L	EPA 525.2	0.024	0.1			
2018/19-PRE	Carboy Blank	equip blank	8/29/2018	Pesticide	Diazinon	n/a	<	0.096	µg/L	EPA 525.2	0.096	0.1			
2018/19-PRE	Lab	method blank	8/29/2018	Pesticide	Diazinon	n/a	<	0.096	µg/L	EPA 525.2	0.096	0.1			
2018/19-PRE	Lab	LCS	8/29/2018	Pesticide	Diazinon	n/a	=	4.41	µg/L	EPA 525.2	0.096	0.1			
2018/19-PRE	Lab	LCS, rec	8/29/2018	Pesticide	Diazinon	n/a	=	88	%	EPA 525.2	-88	-88	50	120	

Appendix F
Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2018/19-PRE	Lab	LCS dup	8/29/2018	Pesticide	Diazinon	n/a	=	4.3	µg/L	EPA 525.2	0.096	0.1			
2018/19-PRE	Lab	LCS dup, rec	8/29/2018	Pesticide	Diazinon	n/a	=	86	%	EPA 525.2	-88	-88	50	120	
2018/19-PRE	Lab	LCS, RPD	8/29/2018	Pesticide	Diazinon	n/a	=	3	%	EPA 525.2	-88	-88	0	30	
2018/19-PRE	Tubing Blank	equip blank	8/29/2018	Pesticide	Diazinon	n/a	<	0.096	µg/L	EPA 525.2	0.096	0.1			
2018/19-PRE	Carboy Blank	equip blank	8/29/2018	Pesticide	Dimethoate	n/a	<	0.024	µg/L	EPA 525.2	0.024	0.2			
2018/19-PRE	Lab	method blank	8/29/2018	Pesticide	Dimethoate	n/a	<	0.024	µg/L	EPA 525.2	0.024	0.2			
2018/19-PRE	Lab	LCS	8/29/2018	Pesticide	Dimethoate	n/a	=	3.59	µg/L	EPA 525.2	0.024	0.2			
2018/19-PRE	Lab	LCS, rec	8/29/2018	Pesticide	Dimethoate	n/a	=	72	%	EPA 525.2	-88	-88	50	120	
2018/19-PRE	Lab	LCS dup	8/29/2018	Pesticide	Dimethoate	n/a	=	3.98	µg/L	EPA 525.2	0.024	0.2			
2018/19-PRE	Lab	LCS dup, rec	8/29/2018	Pesticide	Dimethoate	n/a	=	80	%	EPA 525.2	-88	-88	50	120	
2018/19-PRE	Lab	LCS, RPD	8/29/2018	Pesticide	Dimethoate	n/a	=	10	%	EPA 525.2	-88	-88	0	30	
2018/19-PRE	Tubing Blank	equip blank	8/29/2018	Pesticide	Dimethoate	n/a	<	0.024	µg/L	EPA 525.2	0.024	0.2			
2018/19-PRE	Carboy Blank	equip blank	8/29/2018	Pesticide	Diphenamid	n/a	<	0.024	µg/L	EPA 525.2	0.024	0.1			
2018/19-PRE	Lab	method blank	8/29/2018	Pesticide	Diphenamid	n/a	<	0.024	µg/L	EPA 525.2	0.024	0.1			
2018/19-PRE	Lab	LCS	8/29/2018	Pesticide	Diphenamid	n/a	=	5.5	µg/L	EPA 525.2	0.024	0.1			
2018/19-PRE	Lab	LCS, rec	8/29/2018	Pesticide	Diphenamid	n/a	=	110	%	EPA 525.2	-88	-88	70	130	
2018/19-PRE	Lab	LCS dup	8/29/2018	Pesticide	Diphenamid	n/a	=	5.47	µg/L	EPA 525.2	0.024	0.1			
2018/19-PRE	Lab	LCS dup, rec	8/29/2018	Pesticide	Diphenamid	n/a	=	109	%	EPA 525.2	-88	-88	70	130	
2018/19-PRE	Lab	LCS, RPD	8/29/2018	Pesticide	Diphenamid	n/a	=	0.6	%	EPA 525.2	-88	-88	0	30	
2018/19-PRE	Tubing Blank	equip blank	8/29/2018	Pesticide	Diphenamid	n/a	<	0.024	µg/L	EPA 525.2	0.024	0.1			
2018/19-PRE	Carboy Blank	equip blank	8/29/2018	Pesticide	Disulfoton	n/a	<	0.031	µg/L	EPA 525.2	0.031	0.1			
2018/19-PRE	Lab	method blank	8/29/2018	Pesticide	Disulfoton	n/a	<	0.031	µg/L	EPA 525.2	0.031	0.1			
2018/19-PRE	Lab	LCS	8/29/2018	Pesticide	Disulfoton	n/a	=	4.7	µg/L	EPA 525.2	0.031	0.1			
2018/19-PRE	Lab	LCS, rec	8/29/2018	Pesticide	Disulfoton	n/a	=	94	%	EPA 525.2	-88	-88	50	120	
2018/19-PRE	Lab	LCS dup	8/29/2018	Pesticide	Disulfoton	n/a	=	4.59	µg/L	EPA 525.2	0.031	0.1			
2018/19-PRE	Lab	LCS dup, rec	8/29/2018	Pesticide	Disulfoton	n/a	=	92	%	EPA 525.2	-88	-88	50	120	
2018/19-PRE	Lab	LCS, RPD	8/29/2018	Pesticide	Disulfoton	n/a	=	2	%	EPA 525.2	-88	-88	0	30	
2018/19-PRE	Tubing Blank	equip blank	8/29/2018	Pesticide	Disulfoton	n/a	<	0.031	µg/L	EPA 525.2	0.031	0.1			
2018/19-PRE	Carboy Blank	equip blank	8/29/2018	Pesticide	EPTC	n/a	<	0.017	µg/L	EPA 525.2	0.017	0.1			
2018/19-PRE	Lab	method blank	8/29/2018	Pesticide	EPTC	n/a	<	0.017	µg/L	EPA 525.2	0.017	0.1			
2018/19-PRE	Lab	LCS	8/29/2018	Pesticide	EPTC	n/a	=	5.27	µg/L	EPA 525.2	0.017	0.1			
2018/19-PRE	Lab	LCS, rec	8/29/2018	Pesticide	EPTC	n/a	=	105	%	EPA 525.2	-88	-88	70	130	
2018/19-PRE	Lab	LCS dup	8/29/2018	Pesticide	EPTC	n/a	=	5.34	µg/L	EPA 525.2	0.017	0.1			
2018/19-PRE	Lab	LCS dup, rec	8/29/2018	Pesticide	EPTC	n/a	=	107	%	EPA 525.2	-88	-88	70	130	
2018/19-PRE	Lab	LCS, RPD	8/29/2018	Pesticide	EPTC	n/a	=	1	%	EPA 525.2	-88	-88	0	30	
2018/19-PRE	Tubing Blank	equip blank	8/29/2018	Pesticide	EPTC	n/a	<	0.017	µg/L	EPA 525.2	0.017	0.1			
2018/19-PRE	Carboy Blank	equip blank	8/29/2018	Pesticide	Metolachlor	n/a	<	0.012	µg/L	EPA 525.2	0.012	0.1			
2018/19-PRE	Lab	method blank	8/29/2018	Pesticide	Metolachlor	n/a	<	0.012	µg/L	EPA 525.2	0.012	0.1			
2018/19-PRE	Lab	LCS	8/29/2018	Pesticide	Metolachlor	n/a	=	5.44	µg/L	EPA 525.2	0.012	0.1			
2018/19-PRE	Lab	LCS, rec	8/29/2018	Pesticide	Metolachlor	n/a	=	109	%	EPA 525.2	-88	-88	60	130	
2018/19-PRE	Lab	LCS dup	8/29/2018	Pesticide	Metolachlor	n/a	=	5.53	µg/L	EPA 525.2	0.012	0.1			
2018/19-PRE	Lab	LCS dup, rec	8/29/2018	Pesticide	Metolachlor	n/a	=	111	%	EPA 525.2	-88	-88	60	130	
2018/19-PRE	Lab	LCS, RPD	8/29/2018	Pesticide	Metolachlor	n/a	=	2	%	EPA 525.2	-88	-88	0	30	
2018/19-PRE	Tubing Blank	equip blank	8/29/2018	Pesticide	Metolachlor	n/a	<	0.012	µg/L	EPA 525.2	0.012	0.1			
2018/19-PRE	Carboy Blank	equip blank	8/29/2018	Pesticide	Metribuzin	n/a	<	0.015	µg/L	EPA 525.2	0.015	0.1			
2018/19-PRE	Lab	method blank	8/29/2018	Pesticide	Metribuzin	n/a	<	0.015	µg/L	EPA 525.2	0.015	0.1			
2018/19-PRE	Lab	LCS	8/29/2018	Pesticide	Metribuzin	n/a	=	5.03	µg/L	EPA 525.2	0.015	0.1			

Appendix F
Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2018/19-PRE	Lab	LCS, rec	8/29/2018	Pesticide	Metribuzin	n/a	=	101	%	EPA 525.2	-88	-88	50	120	
2018/19-PRE	Lab	LCS dup	8/29/2018	Pesticide	Metribuzin	n/a	=	5.32	µg/L	EPA 525.2	0.015	0.1			
2018/19-PRE	Lab	LCS dup, rec	8/29/2018	Pesticide	Metribuzin	n/a	=	106	%	EPA 525.2	-88	-88	50	120	
2018/19-PRE	Lab	LCS, RPD	8/29/2018	Pesticide	Metribuzin	n/a	=	6	%	EPA 525.2	-88	-88	0	30	
2018/19-PRE	Tubing Blank	equip blank	8/29/2018	Pesticide	Metribuzin	n/a	<	0.015	µg/L	EPA 525.2	0.015	0.1			
2018/19-PRE	Carboy Blank	equip blank	8/29/2018	Pesticide	Molinate	n/a	<	0.039	µg/L	EPA 525.2	0.039	0.1			
2018/19-PRE	Lab	method blank	8/29/2018	Pesticide	Molinate	n/a	<	0.039	µg/L	EPA 525.2	0.039	0.1			
2018/19-PRE	Lab	LCS	8/29/2018	Pesticide	Molinate	n/a	=	5.29	µg/L	EPA 525.2	0.039	0.1			
2018/19-PRE	Lab	LCS, rec	8/29/2018	Pesticide	Molinate	n/a	=	106	%	EPA 525.2	-88	-88	70	130	
2018/19-PRE	Lab	LCS dup	8/29/2018	Pesticide	Molinate	n/a	=	5.28	µg/L	EPA 525.2	0.039	0.1			
2018/19-PRE	Lab	LCS dup, rec	8/29/2018	Pesticide	Molinate	n/a	=	106	%	EPA 525.2	-88	-88	70	130	
2018/19-PRE	Lab	LCS, RPD	8/29/2018	Pesticide	Molinate	n/a	=	0.3	%	EPA 525.2	-88	-88	0	30	
2018/19-PRE	Tubing Blank	equip blank	8/29/2018	Pesticide	Molinate	n/a	<	0.039	µg/L	EPA 525.2	0.039	0.1			
2018/19-PRE	000NONPJ	matrix spike dup	8/30/2018	Pesticide	Pentachlorophenol	n/a	=	19.2	µg/L	EPA 625	0.19	1			
2018/19-PRE	000NONPJ	matrix spike dup, rec	8/30/2018	Pesticide	Pentachlorophenol	n/a	=	77	%	EPA 625	-88	-88	14	176	
2018/19-PRE	000NONPJ	matrix spike, RPD	8/30/2018	Pesticide	Pentachlorophenol	n/a	=	14	%	EPA 625	-88	-88	0	30	
2018/19-PRE	000NONPJ	matrix spike	8/30/2018	Pesticide	Pentachlorophenol	n/a	=	16.7	µg/L	EPA 625	0.19	1			
2018/19-PRE	000NONPJ	matrix spike, rec	8/30/2018	Pesticide	Pentachlorophenol	n/a	=	67	%	EPA 625	-88	-88	14	176	
2018/19-PRE	Carboy Blank	equip blank	8/30/2018	Pesticide	Pentachlorophenol	n/a	<	0.19	µg/L	EPA 625	0.19	1			
2018/19-PRE	Lab	method blank	8/30/2018	Pesticide	Pentachlorophenol	n/a	<	0.19	µg/L	EPA 625	0.19	1			
2018/19-PRE	Lab	LCS	8/30/2018	Pesticide	Pentachlorophenol	n/a	=	14.1	µg/L	EPA 625	0.19	1			
2018/19-PRE	Lab	LCS, rec	8/30/2018	Pesticide	Pentachlorophenol	n/a	=	56	%	EPA 625	-88	-88	14	176	
2018/19-PRE	Tubing Blank	equip blank	8/30/2018	Pesticide	Pentachlorophenol	n/a	<	0.19	µg/L	EPA 625	0.19	1			
2018/19-PRE	Carboy Blank	equip blank	8/29/2018	Pesticide	Prometon	n/a	<	0.024	µg/L	EPA 525.2	0.024	0.1			
2018/19-PRE	Lab	method blank	8/29/2018	Pesticide	Prometon	n/a	<	0.024	µg/L	EPA 525.2	0.024	0.1			
2018/19-PRE	Lab	LCS	8/29/2018	Pesticide	Prometon	n/a	=	2.15	µg/L	EPA 525.2	0.024	0.1			
2018/19-PRE	Lab	LCS, rec	8/29/2018	Pesticide	Prometon	n/a	=	43	%	EPA 525.2	-88	-88	15	120	
2018/19-PRE	Lab	LCS dup	8/29/2018	Pesticide	Prometon	n/a	=	1.66	µg/L	EPA 525.2	0.024	0.1			
2018/19-PRE	Lab	LCS dup, rec	8/29/2018	Pesticide	Prometon	n/a	=	33	%	EPA 525.2	-88	-88	15	120	
2018/19-PRE	Lab	LCS, RPD	8/29/2018	Pesticide	Prometon	n/a	=	26	%	EPA 525.2	-88	-88	0	30	
2018/19-PRE	Tubing Blank	equip blank	8/29/2018	Pesticide	Prometon	n/a	<	0.024	µg/L	EPA 525.2	0.024	0.1			
2018/19-PRE	Carboy Blank	equip blank	8/29/2018	Pesticide	Prometryn	n/a	<	0.036	µg/L	EPA 525.2	0.036	0.1			
2018/19-PRE	Lab	method blank	8/29/2018	Pesticide	Prometryn	n/a	<	0.036	µg/L	EPA 525.2	0.036	0.1			
2018/19-PRE	Lab	LCS	8/29/2018	Pesticide	Prometryn	n/a	=	4.45	µg/L	EPA 525.2	0.036	0.1			
2018/19-PRE	Lab	LCS, rec	8/29/2018	Pesticide	Prometryn	n/a	=	89	%	EPA 525.2	-88	-88	30	120	
2018/19-PRE	Lab	LCS dup	8/29/2018	Pesticide	Prometryn	n/a	=	4.43	µg/L	EPA 525.2	0.036	0.1			
2018/19-PRE	Lab	LCS dup, rec	8/29/2018	Pesticide	Prometryn	n/a	=	89	%	EPA 525.2	-88	-88	30	120	
2018/19-PRE	Lab	LCS, RPD	8/29/2018	Pesticide	Prometryn	n/a	=	0.4	%	EPA 525.2	-88	-88	0	30	
2018/19-PRE	Tubing Blank	equip blank	8/29/2018	Pesticide	Prometryn	n/a	<	0.036	µg/L	EPA 525.2	0.036	0.1			
2018/19-PRE	Carboy Blank	equip blank	8/29/2018	Pesticide	Simazine	n/a	<	0.015	µg/L	EPA 525.2	0.015	0.1			
2018/19-PRE	Lab	method blank	8/29/2018	Pesticide	Simazine	n/a	<	0.015	µg/L	EPA 525.2	0.015	0.1			
2018/19-PRE	Lab	LCS	8/29/2018	Pesticide	Simazine	n/a	=	4.85	µg/L	EPA 525.2	0.015	0.1			
2018/19-PRE	Lab	LCS, rec	8/29/2018	Pesticide	Simazine	n/a	=	97	%	EPA 525.2	-88	-88	60	130	
2018/19-PRE	Lab	LCS dup	8/29/2018	Pesticide	Simazine	n/a	=	4.98	µg/L	EPA 525.2	0.015	0.1			
2018/19-PRE	Lab	LCS dup, rec	8/29/2018	Pesticide	Simazine	n/a	=	100	%	EPA 525.2	-88	-88	60	130	
2018/19-PRE	Lab	LCS, RPD	8/29/2018	Pesticide	Simazine	n/a	=	3	%	EPA 525.2	-88	-88	0	30	
2018/19-PRE	Tubing Blank	equip blank	8/29/2018	Pesticide	Simazine	n/a	<	0.015	µg/L	EPA 525.2	0.015	0.1			

Appendix F
Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2018/19-PRE	Carboy Blank	equip blank	8/29/2018	Pesticide	Terbacil	n/a	<	0.55	µg/L	EPA 525.2	0.55	2			
2018/19-PRE	Lab	method blank	8/29/2018	Pesticide	Terbacil	n/a	<	0.55	µg/L	EPA 525.2	0.55	2			
2018/19-PRE	Lab	LCS	8/29/2018	Pesticide	Terbacil	n/a	=	5.68	µg/L	EPA 525.2	0.55	2			
2018/19-PRE	Lab	LCS, rec	8/29/2018	Pesticide	Terbacil	n/a	=	114	%	EPA 525.2	-88	-88	70	130	
2018/19-PRE	Lab	LCS dup	8/29/2018	Pesticide	Terbacil	n/a	=	5.97	µg/L	EPA 525.2	0.55	2			
2018/19-PRE	Lab	LCS dup, rec	8/29/2018	Pesticide	Terbacil	n/a	=	119	%	EPA 525.2	-88	-88	70	130	
2018/19-PRE	Lab	LCS, RPD	8/29/2018	Pesticide	Terbacil	n/a	=	5	%	EPA 525.2	-88	-88	0	30	
2018/19-PRE	Tubing Blank	equip blank	8/29/2018	Pesticide	Terbacil	n/a	<	0.55	µg/L	EPA 525.2	0.55	2			
2018/19-PRE	Carboy Blank	equip blank	8/29/2018	Pesticide	Thiobencarb	n/a	<	0.025	µg/L	EPA 525.2	0.025	0.1			
2018/19-PRE	Lab	method blank	8/29/2018	Pesticide	Thiobencarb	n/a	<	0.025	µg/L	EPA 525.2	0.025	0.1			
2018/19-PRE	Lab	LCS	8/29/2018	Pesticide	Thiobencarb	n/a	=	5.26	µg/L	EPA 525.2	0.025	0.1			
2018/19-PRE	Lab	LCS, rec	8/29/2018	Pesticide	Thiobencarb	n/a	=	105	%	EPA 525.2	-88	-88	70	130	
2018/19-PRE	Lab	LCS dup	8/29/2018	Pesticide	Thiobencarb	n/a	=	5.31	µg/L	EPA 525.2	0.025	0.1			
2018/19-PRE	Lab	LCS dup, rec	8/29/2018	Pesticide	Thiobencarb	n/a	=	106	%	EPA 525.2	-88	-88	70	130	
2018/19-PRE	Lab	LCS, RPD	8/29/2018	Pesticide	Thiobencarb	n/a	=	1	%	EPA 525.2	-88	-88	0	30	
2018/19-PRE	Tubing Blank	equip blank	8/29/2018	Pesticide	Thiobencarb	n/a	<	0.025	µg/L	EPA 525.2	0.025	0.1			
2018/19-PRE	Carboy Blank	equip blank	8/29/2018	Pesticide	Trithion	n/a	<	0.012	µg/L	EPA 525.2	0.012	0.1			
2018/19-PRE	Lab	method blank	8/29/2018	Pesticide	Trithion	n/a	<	0.012	µg/L	EPA 525.2	0.012	0.1			
2018/19-PRE	Lab	LCS	8/29/2018	Pesticide	Trithion	n/a	=	5.38	µg/L	EPA 525.2	0.012	0.1			
2018/19-PRE	Lab	LCS, rec	8/29/2018	Pesticide	Trithion	n/a	=	108	%	EPA 525.2	-88	-88	70	130	
2018/19-PRE	Lab	LCS dup	8/29/2018	Pesticide	Trithion	n/a	=	5.34	µg/L	EPA 525.2	0.012	0.1			
2018/19-PRE	Lab	LCS dup, rec	8/29/2018	Pesticide	Trithion	n/a	=	107	%	EPA 525.2	-88	-88	70	130	
2018/19-PRE	Lab	LCS, RPD	8/29/2018	Pesticide	Trithion	n/a	=	0.7	%	EPA 525.2	-88	-88	0	30	
2018/19-PRE	Tubing Blank	equip blank	8/29/2018	Pesticide	Trithion	n/a	<	0.012	µg/L	EPA 525.2	0.012	0.1			
2019-DRY	Lab	method blank	9/9/2019	Cation	Calcium	Total	<	0.016	mg/L	EPA 200.7	0.016	0.1			
2019-DRY	Lab	LCS	9/9/2019	Cation	Calcium	Total	=	49.8	mg/L	EPA 200.7	0.016	0.1			
2019-DRY	Lab	LCS, rec	9/9/2019	Cation	Calcium	Total	=	100	%	EPA 200.7	-88	-88	85	115	
2019-DRY	MO-CAM	matrix spike	9/9/2019	Cation	Calcium	Total	=	119	mg/L	EPA 200.7	0.016	0.1			
2019-DRY	MO-CAM	matrix spike, rec	9/9/2019	Cation	Calcium	Total	=	90	%	EPA 200.7	-88	-88	70	130	
2019-DRY	MO-CAM	matrix spike dup	9/9/2019	Cation	Calcium	Total	=	120	mg/L	EPA 200.7	0.016	0.1			
2019-DRY	MO-CAM	matrix spike dup, rec	9/9/2019	Cation	Calcium	Total	=	91	%	EPA 200.7	-88	-88	70	130	
2019-DRY	MO-CAM	matrix spike, RPD	9/9/2019	Cation	Calcium	Total	=	0.3	%	EPA 200.7	-88	-88	0	30	
2019-DRY	MO-FIL	matrix spike	9/9/2019	Cation	Calcium	Total	=	184	mg/L	EPA 200.7	0.016	0.1			
2019-DRY	MO-FIL	matrix spike, rec	9/9/2019	Cation	Calcium	Total	=	95	%	EPA 200.7	-88	-88	70	130	
2019-DRY	MO-FIL	matrix spike dup	9/9/2019	Cation	Calcium	Total	=	185	mg/L	EPA 200.7	0.016	0.1			
2019-DRY	MO-FIL	matrix spike dup, rec	9/9/2019	Cation	Calcium	Total	=	96	%	EPA 200.7	-88	-88	70	130	
2019-DRY	MO-FIL	matrix spike, RPD	9/9/2019	Cation	Calcium	Total	=	0.4	%	EPA 200.7	-88	-88	0	30	
2019-DRY	Lab	method blank	9/9/2019	Cation	Magnesium	Total	<	0.012	mg/L	EPA 200.7	0.012	0.1			
2019-DRY	Lab	LCS	9/9/2019	Cation	Magnesium	Total	=	50.4	mg/L	EPA 200.7	0.012	0.1			
2019-DRY	Lab	LCS, rec	9/9/2019	Cation	Magnesium	Total	=	101	%	EPA 200.7	-88	-88	85	115	
2019-DRY	MO-CAM	matrix spike	9/9/2019	Cation	Magnesium	Total	=	73.7	mg/L	EPA 200.7	0.012	0.1			
2019-DRY	MO-CAM	matrix spike, rec	9/9/2019	Cation	Magnesium	Total	=	100	%	EPA 200.7	-88	-88	70	130	
2019-DRY	MO-CAM	matrix spike dup	9/9/2019	Cation	Magnesium	Total	=	74	mg/L	EPA 200.7	0.012	0.1			
2019-DRY	MO-CAM	matrix spike dup, rec	9/9/2019	Cation	Magnesium	Total	=	101	%	EPA 200.7	-88	-88	70	130	
2019-DRY	MO-CAM	matrix spike, RPD	9/9/2019	Cation	Magnesium	Total	=	0.5	%	EPA 200.7	-88	-88	0	30	
2019-DRY	MO-FIL	matrix spike	9/9/2019	Cation	Magnesium	Total	=	93	mg/L	EPA 200.7	0.012	0.1			
2019-DRY	MO-FIL	matrix spike, rec	9/9/2019	Cation	Magnesium	Total	=	101	%	EPA 200.7	-88	-88	70	130	

Appendix F
Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2019-DRY	MO-FIL	matrix spike dup	9/9/2019	Cation	Magnesium	Total	=	92.8	mg/L	EPA 200.7	0.012	0.1			
2019-DRY	MO-FIL	matrix spike dup, rec	9/9/2019	Cation	Magnesium	Total	=	100	%	EPA 200.7	-88	-88	70	130	
2019-DRY	MO-FIL	matrix spike, RPD	9/9/2019	Cation	Magnesium	Total	=	0.2	%	EPA 200.7	-88	-88	0	30	
2019-DRY	000NONPJ	matrix spike	8/22/2019	Conventional	Total Organic Carbon	n/a	=	3.62	mg/L	SM 5310 B	0.009	0.3			
2019-DRY	000NONPJ	matrix spike dup	8/22/2019	Conventional	Total Organic Carbon	n/a	=	3.88	mg/L	SM 5310 B	0.009	0.3			
2019-DRY	000NONPJ	matrix spike dup, rec	8/22/2019	Conventional	Total Organic Carbon	n/a	=	109	%	SM 5310 B	-88	-88	76	115	
2019-DRY	000NONPJ	matrix spike, rec	8/22/2019	Conventional	Total Organic Carbon	n/a	=	96	%	SM 5310 B	-88	-88	76	115	
2019-DRY	000NONPJ	matrix spike, RPD	8/22/2019	Conventional	Total Organic Carbon	n/a	=	7	%	SM 5310 B	-88	-88	0	20	
2019-DRY	000NONPJ	matrix spike	8/23/2019	Conventional	Total Organic Carbon	n/a	=	6.3	mg/L	SM 5310 B	0.009	0.3			
2019-DRY	000NONPJ	matrix spike dup	8/23/2019	Conventional	Total Organic Carbon	n/a	=	6.02	mg/L	SM 5310 B	0.009	0.3			
2019-DRY	000NONPJ	matrix spike dup, rec	8/23/2019	Conventional	Total Organic Carbon	n/a	=	94	%	SM 5310 B	-88	-88	76	115	
2019-DRY	000NONPJ	matrix spike, rec	8/23/2019	Conventional	Total Organic Carbon	n/a	=	100	%	SM 5310 B	-88	-88	76	115	
2019-DRY	000NONPJ	matrix spike, RPD	8/23/2019	Conventional	Total Organic Carbon	n/a	=	5	%	SM 5310 B	-88	-88	0	20	
2019-DRY	Lab	LCS	8/22/2019	Conventional	Total Organic Carbon	n/a	=	0.957	mg/L	SM 5310 B	0.009	0.3			
2019-DRY	Lab	LCS, rec	8/22/2019	Conventional	Total Organic Carbon	n/a	=	96	%	SM 5310 B	-88	-88	85	115	
2019-DRY	Lab	method blank	8/22/2019	Conventional	Total Organic Carbon	n/a	DNQ	0.0121	mg/L	SM 5310 B	0.009	0.3			IP
2019-DRY	Lab	LCS	8/23/2019	Conventional	Total Organic Carbon	n/a	=	1.1	mg/L	SM 5310 B	0.009	0.3			
2019-DRY	Lab	LCS, rec	8/23/2019	Conventional	Total Organic Carbon	n/a	=	110	%	SM 5310 B	-88	-88	85	115	
2019-DRY	Lab	method blank	8/23/2019	Conventional	Total Organic Carbon	n/a	<	0.009	mg/L	SM 5310 B	0.009	0.3			
2019-DRY	Lab	method blank	9/3/2019	Metal	Copper	Dissolved	<	0.13	µg/L	EPA 200.8	0.13	0.5			
2019-DRY	Lab	LCS	9/3/2019	Metal	Copper	Dissolved	=	50.4	µg/L	EPA 200.8	0.13	0.5			
2019-DRY	Lab	LCS, rec	9/3/2019	Metal	Copper	Dissolved	=	101	%	EPA 200.8	-88	-88	85	115	
2019-DRY	MO-CAM	matrix spike	9/3/2019	Metal	Copper	Dissolved	=	51.8	µg/L	EPA 200.8	0.13	0.5			
2019-DRY	MO-CAM	matrix spike, rec	9/3/2019	Metal	Copper	Dissolved	=	96	%	EPA 200.8	-88	-88	70	130	
2019-DRY	MO-CAM	matrix spike dup	9/3/2019	Metal	Copper	Dissolved	=	49.3	µg/L	EPA 200.8	0.13	0.5			
2019-DRY	MO-CAM	matrix spike dup, rec	9/3/2019	Metal	Copper	Dissolved	=	91	%	EPA 200.8	-88	-88	70	130	
2019-DRY	MO-CAM	matrix spike, RPD	9/3/2019	Metal	Copper	Dissolved	=	5	%	EPA 200.8	-88	-88	0	30	
2019-DRY	MO-FIL	matrix spike	9/3/2019	Metal	Copper	Dissolved	=	59.2	µg/L	EPA 200.8	0.13	0.5			
2019-DRY	MO-FIL	matrix spike, rec	9/3/2019	Metal	Copper	Dissolved	=	92	%	EPA 200.8	-88	-88	70	130	
2019-DRY	MO-FIL	matrix spike dup	9/3/2019	Metal	Copper	Dissolved	=	57.8	µg/L	EPA 200.8	0.13	0.5			
2019-DRY	MO-FIL	matrix spike dup, rec	9/3/2019	Metal	Copper	Dissolved	=	89	%	EPA 200.8	-88	-88	70	130	
2019-DRY	MO-FIL	matrix spike, RPD	9/3/2019	Metal	Copper	Dissolved	=	2	%	EPA 200.8	-88	-88	0	30	
2019-DRY	Lab	method blank	9/3/2019	Metal	Lead	Dissolved	DNQ	0.0509	µg/L	EPA 200.8	0.031	0.2			IP
2019-DRY	Lab	LCS	9/3/2019	Metal	Lead	Dissolved	=	50.8	µg/L	EPA 200.8	0.031	0.2			
2019-DRY	Lab	LCS, rec	9/3/2019	Metal	Lead	Dissolved	=	102	%	EPA 200.8	-88	-88	85	115	
2019-DRY	MO-CAM	matrix spike	9/3/2019	Metal	Lead	Dissolved	=	51.2	µg/L	EPA 200.8	0.031	0.2			
2019-DRY	MO-CAM	matrix spike, rec	9/3/2019	Metal	Lead	Dissolved	=	102	%	EPA 200.8	-88	-88	70	130	
2019-DRY	MO-CAM	matrix spike dup	9/3/2019	Metal	Lead	Dissolved	=	48.9	µg/L	EPA 200.8	0.031	0.2			
2019-DRY	MO-CAM	matrix spike dup, rec	9/3/2019	Metal	Lead	Dissolved	=	98	%	EPA 200.8	-88	-88	70	130	
2019-DRY	MO-CAM	matrix spike, RPD	9/3/2019	Metal	Lead	Dissolved	=	5	%	EPA 200.8	-88	-88	0	30	
2019-DRY	MO-FIL	matrix spike	9/3/2019	Metal	Lead	Dissolved	=	50.2	µg/L	EPA 200.8	0.031	0.2			
2019-DRY	MO-FIL	matrix spike, rec	9/3/2019	Metal	Lead	Dissolved	=	100	%	EPA 200.8	-88	-88	70	130	
2019-DRY	MO-FIL	matrix spike dup	9/3/2019	Metal	Lead	Dissolved	=	49.4	µg/L	EPA 200.8	0.031	0.2			
2019-DRY	MO-FIL	matrix spike dup, rec	9/3/2019	Metal	Lead	Dissolved	=	99	%	EPA 200.8	-88	-88	70	130	
2019-DRY	MO-FIL	matrix spike, RPD	9/3/2019	Metal	Lead	Dissolved	=	2	%	EPA 200.8	-88	-88	0	30	
2019-DRY	Lab	method blank	9/3/2019	Metal	Zinc	Dissolved	DNQ	0.979	µg/L	EPA 200.8	0.94	5			IP
2019-DRY	Lab	LCS	9/3/2019	Metal	Zinc	Dissolved	=	48.6	µg/L	EPA 200.8	0.94	5			

Appendix F
Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2019-DRY	Lab	LCS, rec	9/3/2019	Metal	Zinc	Dissolved	=	97	%	EPA 200.8	-88	-88	85	115	
2019-DRY	MO-CAM	matrix spike	9/3/2019	Metal	Zinc	Dissolved	=	50.6	µg/L	EPA 200.8	0.94	5			
2019-DRY	MO-CAM	matrix spike, rec	9/3/2019	Metal	Zinc	Dissolved	=	94	%	EPA 200.8	-88	-88	70	130	
2019-DRY	MO-CAM	matrix spike dup	9/3/2019	Metal	Zinc	Dissolved	=	48.4	µg/L	EPA 200.8	0.94	5			
2019-DRY	MO-CAM	matrix spike dup, rec	9/3/2019	Metal	Zinc	Dissolved	=	89	%	EPA 200.8	-88	-88	70	130	
2019-DRY	MO-CAM	matrix spike, RPD	9/3/2019	Metal	Zinc	Dissolved	=	4	%	EPA 200.8	-88	-88	0	30	
2019-DRY	MO-FIL	matrix spike	9/3/2019	Metal	Zinc	Dissolved	=	48.9	µg/L	EPA 200.8	0.94	5			
2019-DRY	MO-FIL	matrix spike, rec	9/3/2019	Metal	Zinc	Dissolved	=	91	%	EPA 200.8	-88	-88	70	130	
2019-DRY	MO-FIL	matrix spike dup	9/3/2019	Metal	Zinc	Dissolved	=	47.9	µg/L	EPA 200.8	0.94	5			
2019-DRY	MO-FIL	matrix spike dup, rec	9/3/2019	Metal	Zinc	Dissolved	=	89	%	EPA 200.8	-88	-88	70	130	
2019-DRY	MO-FIL	matrix spike, RPD	9/3/2019	Metal	Zinc	Dissolved	=	2	%	EPA 200.8	-88	-88	0	30	

Appendix G. Laboratory Environmental Analysis Results

Appendix G
Laboratory Environmental Analysis Results

Site ID	Event	Event Type	Sample Date	Analysis Date	Constituent	Fraction	Sign	Result	Units	Method	MDL	Reporting Limit	Analyzing Laboratory	Qualifier
DRY-HUE3	2019-DRY	Dry	8/20/2019 2:10:00 PM	8/21/2019 9:00:00 AM	E. Coli	n/a	=	15531	MPN/100 mL	MMO-MUG	10	10	VCHCA	
DRY-HUE3	2019-DRY	Dry	8/20/2019 2:10:00 PM	8/21/2019 9:00:00 AM	Total Coliform	n/a	=	64880	MPN/100 mL	MMO-MUG	100	100	VCHCA	
DRY-HUE3	2019-DRY	Dry	8/20/2019 2:10:00 PM	9/9/2019 5:26:00 PM	Calcium	Total	=	255	mg/L	EPA 200.7	0.016	0.1	WKL	
DRY-HUE3	2019-DRY	Dry	8/20/2019 2:10:00 PM	9/9/2019 5:26:00 PM	Magnesium	Total	=	240	mg/L	EPA 200.7	0.012	0.1	WKL	
DRY-HUE3	2019-DRY	Dry	8/20/2019 2:10:00 PM	8/20/2019 2:10:00 PM	Conductivity	n/a	=	10500	µmhos/cm	Field Meter	-88	1	Field Crew	
DRY-HUE3	2019-DRY	Dry	8/20/2019 2:10:00 PM	8/20/2019 2:10:00 PM	Discharge	n/a	=	0.48	cfs	Field Estimate	-88	-88	Field Crew	EST
DRY-HUE3	2019-DRY	Dry	8/20/2019 2:10:00 PM	8/20/2019 2:10:00 PM	DO	n/a	=	192.9	%	Field Meter	-88	0.1	Field Crew	
DRY-HUE3	2019-DRY	Dry	8/20/2019 2:10:00 PM	8/20/2019 2:10:00 PM	DO	n/a	=	15.32	mg/L	Field Meter	-88	0.3	Field Crew	
DRY-HUE3	2019-DRY	Dry	8/20/2019 2:10:00 PM	9/9/2019 5:26:00 PM	Hardness as CaCO3	Total	=	1620	mg/L	EPA 200.7	0.0894	0.662	WKL	
DRY-HUE3	2019-DRY	Dry	8/20/2019 2:10:00 PM	8/20/2019 2:10:00 PM	pH	n/a	=	8.29	pH Units	Field Meter	-88	0.01	Field Crew	
DRY-HUE3	2019-DRY	Dry	8/20/2019 2:10:00 PM	8/20/2019 2:10:00 PM	Salinity	n/a	=	5800	mg/L	Field Meter	-88	100	Field Crew	
DRY-HUE3	2019-DRY	Dry	8/20/2019 2:10:00 PM	8/20/2019 2:10:00 PM	Specific Conductance	n/a	=	10390	µmhos/cm	Field Meter	-88	1	Field Crew	
DRY-HUE3	2019-DRY	Dry	8/20/2019 2:10:00 PM	8/20/2019 2:10:00 PM	Temperature	n/a	=	25.7	°C	Field Meter	-88	0.1	Field Crew	
DRY-HUE3	2019-DRY	Dry	8/20/2019 2:10:00 PM	8/22/2019 12:35:00 PM	Total Organic Carbon	n/a	=	10	mg/L	SM 5310 B	0.009	0.3	WKL	
DRY-HUE3	2019-DRY	Dry	8/20/2019 2:10:00 PM	8/20/2019 2:10:00 PM	Turbidity	n/a	=	14.1	NTU	Field Meter	-88	0.01	Field Crew	
DRY-HUE3	2019-DRY	Dry	8/20/2019 2:10:00 PM	9/3/2019 7:58:00 PM	Copper	Dissolved	DNQ	0.44	µg/L	EPA 200.8	0.13	0.5	WKL	
DRY-HUE3	2019-DRY	Dry	8/20/2019 2:10:00 PM	9/3/2019 7:58:00 PM	Lead	Dissolved	<	0.031	µg/L	EPA 200.8	0.031	0.2	WKL	
DRY-HUE3	2019-DRY	Dry	8/20/2019 2:10:00 PM	9/3/2019 7:58:00 PM	Zinc	Dissolved	DNQ	1.1	µg/L	EPA 200.8	0.94	5	WKL	UL-MB
DRY-MPK2	2019-DRY	Dry	8/21/2019 8:15:00 AM	8/22/2019 6:00:00 AM	E. Coli	n/a	=	644	MPN/100 mL	MMO-MUG	10	10	VCHCA	
DRY-MPK2	2019-DRY	Dry	8/21/2019 8:15:00 AM	8/22/2019 6:00:00 AM	Total Coliform	n/a	=	173290	MPN/100 mL	MMO-MUG	100	100	VCHCA	
DRY-MPK2	2019-DRY	Dry	8/21/2019 8:15:00 AM	9/9/2019 5:17:00 PM	Calcium	Total	=	28.5	mg/L	EPA 200.7	0.016	0.1	WKL	
DRY-MPK2	2019-DRY	Dry	8/21/2019 8:15:00 AM	9/9/2019 5:17:00 PM	Magnesium	Total	=	12	mg/L	EPA 200.7	0.012	0.1	WKL	
DRY-MPK2	2019-DRY	Dry	8/21/2019 8:15:00 AM	8/21/2019 8:15:00 AM	Conductivity	n/a	=	318.2	µmhos/cm	Field Meter	-88	1	Field Crew	
DRY-MPK2	2019-DRY	Dry	8/21/2019 8:15:00 AM	8/21/2019 8:15:00 AM	Discharge	n/a	=	0.03	cfs	Field Estimate	-88	-88	Field Crew	EST
DRY-MPK2	2019-DRY	Dry	8/21/2019 8:15:00 AM	9/9/2019 5:17:00 PM	Hardness as CaCO3	Total	=	121	mg/L	EPA 200.7	0.0894	0.662	WKL	
DRY-MPK2	2019-DRY	Dry	8/21/2019 8:15:00 AM	8/21/2019 8:15:00 AM	pH	n/a	=	8.64	pH Units	Field Meter	-88	0.01	Field Crew	
DRY-MPK2	2019-DRY	Dry	8/21/2019 8:15:00 AM	8/21/2019 8:15:00 AM	Salinity	n/a	=	200	mg/L	Field Meter	-88	100	Field Crew	
DRY-MPK2	2019-DRY	Dry	8/21/2019 8:15:00 AM	8/21/2019 8:15:00 AM	Specific Conductance	n/a	=	338.6	µmhos/cm	Field Meter	-88	1	Field Crew	
DRY-MPK2	2019-DRY	Dry	8/21/2019 8:15:00 AM	8/21/2019 8:15:00 AM	Temperature	n/a	=	22.1	°C	Field Meter	-88	0.1	Field Crew	
DRY-MPK2	2019-DRY	Dry	8/21/2019 8:15:00 AM	8/22/2019 12:35:00 PM	Total Organic Carbon	n/a	=	8.2	mg/L	SM 5310 B	0.009	0.3	WKL	
DRY-MPK2	2019-DRY	Dry	8/21/2019 8:15:00 AM	8/21/2019 8:15:00 AM	Turbidity	n/a	=	2.71	NTU	Field Meter	-88	0.01	Field Crew	
DRY-MPK2	2019-DRY	Dry	8/21/2019 8:15:00 AM	9/3/2019 7:46:00 PM	Copper	Dissolved	=	5.5	µg/L	EPA 200.8	0.13	0.5	WKL	
DRY-MPK2	2019-DRY	Dry	8/21/2019 8:15:00 AM	9/3/2019 7:46:00 PM	Lead	Dissolved	DNQ	0.16	µg/L	EPA 200.8	0.031	0.2	WKL	UL-MB
DRY-MPK2	2019-DRY	Dry	8/21/2019 8:15:00 AM	9/3/2019 7:46:00 PM	Zinc	Dissolved	DNQ	3	µg/L	EPA 200.8	0.94	5	WKL	UL-MB
DRY-OJA6	2019-DRY	Dry	8/20/2019 11:35:00 AM	8/21/2019 8:30:00 AM	E. Coli	n/a	=	80	MPN/100 mL	MMO-MUG	10	10	VCHCA	
DRY-OJA6	2019-DRY	Dry	8/20/2019 11:35:00 AM	8/21/2019 8:30:00 AM	Total Coliform	n/a	=	9804	MPN/100 mL	MMO-MUG	10	10	VCHCA	
DRY-OJA6	2019-DRY	Dry	8/20/2019 11:35:00 AM	9/9/2019 5:20:00 PM	Calcium	Total	=	163	mg/L	EPA 200.7	0.016	0.1	WKL	
DRY-OJA6	2019-DRY	Dry	8/20/2019 11:35:00 AM	9/9/2019 5:20:00 PM	Magnesium	Total	=	46.7	mg/L	EPA 200.7	0.012	0.1	WKL	
DRY-OJA6	2019-DRY	Dry	8/20/2019 11:35:00 AM	8/20/2019 11:35:00 AM	Conductivity	n/a	=	1293	µmhos/cm	Field Meter	-88	1	Field Crew	
DRY-OJA6	2019-DRY	Dry	8/20/2019 11:35:00 AM	8/20/2019 11:35:00 AM	Discharge	n/a	=	0.19	cfs	Field Estimate	-88	-88	Field Crew	EST
DRY-OJA6	2019-DRY	Dry	8/20/2019 11:35:00 AM	8/20/2019 11:35:00 AM	DO	n/a	=	93.1	%	Field Meter	-88	0.1	Field Crew	
DRY-OJA6	2019-DRY	Dry	8/20/2019 11:35:00 AM	8/20/2019 11:35:00 AM	DO	n/a	=	8.42	mg/L	Field Meter	-88	0.3	Field Crew	
DRY-OJA6	2019-DRY	Dry	8/20/2019 11:35:00 AM	9/9/2019 5:20:00 PM	Hardness as CaCO3	Total	=	599	mg/L	EPA 200.7	0.0894	0.662	WKL	
DRY-OJA6	2019-DRY	Dry	8/20/2019 11:35:00 AM	8/20/2019 11:35:00 AM	pH	n/a	=	8.12	pH Units	Field Meter	-88	0.01	Field Crew	
DRY-OJA6	2019-DRY	Dry	8/20/2019 11:35:00 AM	8/20/2019 11:35:00 AM	Salinity	n/a	=	700	mg/L	Field Meter	-88	100	Field Crew	
DRY-OJA6	2019-DRY	Dry	8/20/2019 11:35:00 AM	8/20/2019 11:35:00 AM	Specific Conductance	n/a	=	1428	µmhos/cm	Field Meter	-88	1	Field Crew	
DRY-OJA6	2019-DRY	Dry	8/20/2019 11:35:00 AM	8/20/2019 11:35:00 AM	Temperature	n/a	=	20	°C	Field Meter	-88	0.1	Field Crew	
DRY-OJA6	2019-DRY	Dry	8/20/2019 11:35:00 AM	8/22/2019 12:35:00 PM	Total Organic Carbon	n/a	=	2.2	mg/L	SM 5310 B	0.009	0.3	WKL	

Appendix G
Laboratory Environmental Analysis Results

Site ID	Event	Event Type	Sample Date	Analysis Date	Constituent	Fraction	Sign	Result	Units	Method	MDL	Reporting Limit	Analyzing Laboratory	Qualifier
DRY-OJA6	2019-DRY	Dry	8/20/2019 11:35:00 AM	8/20/2019 11:35:00 AM	Turbidity	n/a	=	1.24	NTU	Field Meter	-88	0.01	Field Crew	
DRY-OJA6	2019-DRY	Dry	8/20/2019 11:35:00 AM	9/3/2019 7:50:00 PM	Copper	Dissolved	DNQ	0.39	µg/L	EPA 200.8	0.13	0.5	WKL	
DRY-OJA6	2019-DRY	Dry	8/20/2019 11:35:00 AM	9/3/2019 7:50:00 PM	Lead	Dissolved	<	0.031	µg/L	EPA 200.8	0.031	0.2	WKL	
DRY-OJA6	2019-DRY	Dry	8/20/2019 11:35:00 AM	9/3/2019 7:50:00 PM	Zinc	Dissolved	DNQ	2.2	µg/L	EPA 200.8	0.94	5	WKL	UL-MB
DRY-OXN2	2019-DRY	Dry	8/20/2019 8:10:00 AM	8/21/2019 8:30:00 AM	E. Coli	n/a	=	130	MPN/100 mL	MMO-MUG	10	10	VCHCA	
DRY-OXN2	2019-DRY	Dry	8/20/2019 8:10:00 AM	8/21/2019 8:30:00 AM	Total Coliform	n/a	=	1720	MPN/100 mL	MMO-MUG	10	10	VCHCA	
DRY-OXN2	2019-DRY	Dry	8/20/2019 8:10:00 AM	9/9/2019 5:23:00 PM	Calcium	Total	=	114	mg/L	EPA 200.7	0.016	0.1	WKL	
DRY-OXN2	2019-DRY	Dry	8/20/2019 8:10:00 AM	9/9/2019 5:23:00 PM	Magnesium	Total	=	39.8	mg/L	EPA 200.7	0.012	0.1	WKL	
DRY-OXN2	2019-DRY	Dry	8/20/2019 8:10:00 AM	8/20/2019 8:10:00 AM	Conductivity	n/a	=	1067	µmhos/cm	Field Meter	-88	1	Field Crew	
DRY-OXN2	2019-DRY	Dry	8/20/2019 8:10:00 AM	8/20/2019 8:10:00 AM	Discharge	n/a	=	0.16	cfs	Field Estimate	-88	-88	Field Crew	EST
DRY-OXN2	2019-DRY	Dry	8/20/2019 8:10:00 AM	8/20/2019 8:10:00 AM	DO	n/a	=	8.94	mg/L	Field Meter	-88	0.3	Field Crew	
DRY-OXN2	2019-DRY	Dry	8/20/2019 8:10:00 AM	8/20/2019 8:10:00 AM	DO	n/a	=	95.8	%	Field Meter	-88	0.1	Field Crew	
DRY-OXN2	2019-DRY	Dry	8/20/2019 8:10:00 AM	9/9/2019 5:23:00 PM	Hardness as CaCO3	Total	=	448	mg/L	EPA 200.7	0.0894	0.662	WKL	
DRY-OXN2	2019-DRY	Dry	8/20/2019 8:10:00 AM	8/20/2019 8:10:00 AM	pH	n/a	=	7.92	pH Units	Field Meter	-88	0.01	Field Crew	
DRY-OXN2	2019-DRY	Dry	8/20/2019 8:10:00 AM	8/20/2019 8:10:00 AM	Salinity	n/a	=	600	mg/L	Field Meter	-88	100	Field Crew	
DRY-OXN2	2019-DRY	Dry	8/20/2019 8:10:00 AM	8/20/2019 8:10:00 AM	Specific Conductance	n/a	=	1217	µmhos/cm	Field Meter	-88	1	Field Crew	
DRY-OXN2	2019-DRY	Dry	8/20/2019 8:10:00 AM	8/20/2019 8:10:00 AM	Temperature	n/a	=	18.5	°C	Field Meter	-88	0.1	Field Crew	
DRY-OXN2	2019-DRY	Dry	8/20/2019 8:10:00 AM	8/22/2019 8:35:00 PM	Total Organic Carbon	n/a	=	5.1	mg/L	SM 5310 B	0.009	0.3	WKL	
DRY-OXN2	2019-DRY	Dry	8/20/2019 8:10:00 AM	8/20/2019 8:10:00 AM	Turbidity	n/a	=	1.29	NTU	Field Meter	-88	0.01	Field Crew	
DRY-OXN2	2019-DRY	Dry	8/20/2019 8:10:00 AM	9/3/2019 7:54:00 PM	Copper	Dissolved	=	2.7	µg/L	EPA 200.8	0.13	0.5	WKL	
DRY-OXN2	2019-DRY	Dry	8/20/2019 8:10:00 AM	9/3/2019 7:54:00 PM	Lead	Dissolved	<	0.031	µg/L	EPA 200.8	0.031	0.2	WKL	
DRY-OXN2	2019-DRY	Dry	8/20/2019 8:10:00 AM	9/3/2019 7:54:00 PM	Zinc	Dissolved	DNQ	4.5	µg/L	EPA 200.8	0.94	5	WKL	UL-MB
DRY-SPA3	2019-DRY	Dry	8/20/2019 10:45:00 AM	8/21/2019 8:30:00 AM	E. Coli	n/a	=	379	MPN/100 mL	MMO-MUG	10	10	VCHCA	
DRY-SPA3	2019-DRY	Dry	8/20/2019 10:45:00 AM	8/21/2019 8:30:00 AM	Total Coliform	n/a	=	5475	MPN/100 mL	MMO-MUG	10	10	VCHCA	
DRY-SPA3	2019-DRY	Dry	8/20/2019 10:45:00 AM	9/9/2019 5:29:00 PM	Calcium	Total	=	134	mg/L	EPA 200.7	0.016	0.1	WKL	
DRY-SPA3	2019-DRY	Dry	8/20/2019 10:45:00 AM	9/9/2019 5:29:00 PM	Magnesium	Total	=	56.4	mg/L	EPA 200.7	0.012	0.1	WKL	
DRY-SPA3	2019-DRY	Dry	8/20/2019 10:45:00 AM	8/20/2019 10:45:00 AM	Conductivity	n/a	=	1819	µmhos/cm	Field Meter	-88	1	Field Crew	
DRY-SPA3	2019-DRY	Dry	8/20/2019 10:45:00 AM	8/20/2019 10:45:00 AM	Discharge	n/a	=	0.06	cfs	Field Estimate	-88	-88	Field Crew	EST
DRY-SPA3	2019-DRY	Dry	8/20/2019 10:45:00 AM	8/20/2019 10:45:00 AM	DO	n/a	=	15.2	mg/L	Field Meter	-88	0.3	Field Crew	
DRY-SPA3	2019-DRY	Dry	8/20/2019 10:45:00 AM	8/20/2019 10:45:00 AM	DO	n/a	=	201.5	%	Field Meter	-88	0.1	Field Crew	
DRY-SPA3	2019-DRY	Dry	8/20/2019 10:45:00 AM	9/9/2019 5:29:00 PM	Hardness as CaCO3	Total	=	567	mg/L	EPA 200.7	0.0894	0.662	WKL	
DRY-SPA3	2019-DRY	Dry	8/20/2019 10:45:00 AM	8/20/2019 10:45:00 AM	pH	n/a	=	8.77	pH Units	Field Meter	-88	0.01	Field Crew	
DRY-SPA3	2019-DRY	Dry	8/20/2019 10:45:00 AM	8/20/2019 10:45:00 AM	Salinity	n/a	=	800	mg/L	Field Meter	-88	100	Field Crew	
DRY-SPA3	2019-DRY	Dry	8/20/2019 10:45:00 AM	8/20/2019 10:45:00 AM	Specific Conductance	n/a	=	1674	µmhos/cm	Field Meter	-88	1	Field Crew	
DRY-SPA3	2019-DRY	Dry	8/20/2019 10:45:00 AM	8/20/2019 10:45:00 AM	Temperature	n/a	=	29.3	°C	Field Meter	-88	0.1	Field Crew	
DRY-SPA3	2019-DRY	Dry	8/20/2019 10:45:00 AM	8/22/2019 12:35:00 PM	Total Organic Carbon	n/a	=	11	mg/L	SM 5310 B	0.009	0.3	WKL	
DRY-SPA3	2019-DRY	Dry	8/20/2019 10:45:00 AM	8/20/2019 10:45:00 AM	Turbidity	n/a	=	2.16	NTU	Field Meter	-88	0.01	Field Crew	
DRY-SPA3	2019-DRY	Dry	8/20/2019 10:45:00 AM	9/3/2019 8:02:00 PM	Copper	Dissolved	=	5.4	µg/L	EPA 200.8	0.13	0.5	WKL	
DRY-SPA3	2019-DRY	Dry	8/20/2019 10:45:00 AM	9/3/2019 8:02:00 PM	Lead	Dissolved	=	0.72	µg/L	EPA 200.8	0.031	0.2	WKL	UL-MB
DRY-SPA3	2019-DRY	Dry	8/20/2019 10:45:00 AM	9/3/2019 8:02:00 PM	Zinc	Dissolved	=	36	µg/L	EPA 200.8	0.94	5	WKL	
DRY-UN14	2019-DRY	Dry	8/21/2019 9:45:00 AM	8/22/2019 6:00:00 AM	E. Coli	n/a	=	473	MPN/100 mL	MMO-MUG	10	10	VCHCA	
DRY-UN14	2019-DRY	Dry	8/21/2019 9:45:00 AM	8/22/2019 6:00:00 AM	Total Coliform	n/a	=	120330	MPN/100 mL	MMO-MUG	100	100	VCHCA	
DRY-UN14	2019-DRY	Dry	8/21/2019 9:45:00 AM	9/9/2019 5:58:00 PM	Calcium	Total	=	66.9	mg/L	EPA 200.7	0.016	0.1	WKL	
DRY-UN14	2019-DRY	Dry	8/21/2019 9:45:00 AM	9/9/2019 5:58:00 PM	Magnesium	Total	=	74.6	mg/L	EPA 200.7	0.012	0.1	WKL	
DRY-UN14	2019-DRY	Dry	8/21/2019 9:45:00 AM	8/21/2019 9:45:00 AM	Conductivity	n/a	=	1083	µmhos/cm	Field Meter	-88	1	Field Crew	
DRY-UN14	2019-DRY	Dry	8/21/2019 9:45:00 AM	8/21/2019 9:45:00 AM	Discharge	n/a	=	0.008	cfs	Field Estimate	-88	-88	Field Crew	EST
DRY-UN14	2019-DRY	Dry	8/21/2019 9:45:00 AM	8/21/2019 9:45:00 AM	DO	n/a	=	15.31	mg/L	Field Meter	-88	0.3	Field Crew	
DRY-UN14	2019-DRY	Dry	8/21/2019 9:45:00 AM	8/21/2019 9:45:00 AM	DO	n/a	=	168.8	%	Field Meter	-88	0.1	Field Crew	

Appendix G
Laboratory Environmental Analysis Results

Site ID	Event	Event Type	Sample Date	Analysis Date	Constituent	Fraction	Sign	Result	Units	Method	MDL	Reporting Limit	Analyzing Laboratory	Qualifier
DRY-UNI4	2019-DRY	Dry	8/21/2019 9:45:00 AM	9/9/2019 5:58:00 PM	Hardness as CaCO3	Total	=	474	mg/L	EPA 200.7	0.0894	0.662	WKL	
DRY-UNI4	2019-DRY	Dry	8/21/2019 9:45:00 AM	8/21/2019 9:45:00 AM	pH	n/a	=	8.71	pH Units	Field Meter	-88	0.01	Field Crew	
DRY-UNI4	2019-DRY	Dry	8/21/2019 9:45:00 AM	8/21/2019 9:45:00 AM	Salinity	n/a	=	600	mg/L	Field Meter	-88	100	Field Crew	
DRY-UNI4	2019-DRY	Dry	8/21/2019 9:45:00 AM	8/21/2019 9:45:00 AM	Specific Conductance	n/a	=	1191	µmhos/cm	Field Meter	-88	1	Field Crew	
DRY-UNI4	2019-DRY	Dry	8/21/2019 9:45:00 AM	8/21/2019 9:45:00 AM	Temperature	n/a	=	20.4	°C	Field Meter	-88	0.1	Field Crew	
DRY-UNI4	2019-DRY	Dry	8/21/2019 9:45:00 AM	8/22/2019 12:35:00 PM	Total Organic Carbon	n/a	=	9.6	mg/L	SM 5310 B	0.009	0.3	WKL	
DRY-UNI4	2019-DRY	Dry	8/21/2019 9:45:00 AM	8/21/2019 9:45:00 AM	Turbidity	n/a	=	2.33	NTU	Field Meter	-88	0.01	Field Crew	
DRY-UNI4	2019-DRY	Dry	8/21/2019 9:45:00 AM	9/3/2019 8:36:00 PM	Copper	Dissolved	=	5	µg/L	EPA 200.8	0.13	0.5	WKL	
DRY-UNI4	2019-DRY	Dry	8/21/2019 9:45:00 AM	9/3/2019 8:36:00 PM	Lead	Dissolved	<	0.031	µg/L	EPA 200.8	0.031	0.2	WKL	
DRY-UNI4	2019-DRY	Dry	8/21/2019 9:45:00 AM	9/3/2019 8:36:00 PM	Zinc	Dissolved	DNQ	1.7	µg/L	EPA 200.8	0.94	5	WKL	UL-MB
DRY-VEN5	2019-DRY	Dry	8/20/2019 1:05:00 PM	8/21/2019 8:30:00 AM	E. Coli	n/a	<	10	MPN/100 mL	MMO-MUG	10	10	VCHCA	
DRY-VEN5	2019-DRY	Dry	8/20/2019 1:05:00 PM	8/21/2019 8:30:00 AM	Total Coliform	n/a	=	173	MPN/100 mL	MMO-MUG	10	10	VCHCA	
DRY-VEN5	2019-DRY	Dry	8/20/2019 1:05:00 PM	9/9/2019 6:01:00 PM	Calcium	Total	=	76.7	mg/L	EPA 200.7	0.016	0.1	WKL	
DRY-VEN5	2019-DRY	Dry	8/20/2019 1:05:00 PM	9/9/2019 6:01:00 PM	Magnesium	Total	=	29.2	mg/L	EPA 200.7	0.012	0.1	WKL	
DRY-VEN5	2019-DRY	Dry	8/20/2019 1:05:00 PM	8/20/2019 1:05:00 PM	Conductivity	n/a	=	930	µmhos/cm	Field Meter	-88	1	Field Crew	
DRY-VEN5	2019-DRY	Dry	8/20/2019 1:05:00 PM	8/20/2019 1:05:00 PM	Discharge	n/a	=	0.06	cfs	Field Estimate	-88	-88	Field Crew	EST
DRY-VEN5	2019-DRY	Dry	8/20/2019 1:05:00 PM	8/20/2019 1:05:00 PM	DO	n/a	=	7.74	mg/L	Field Meter	-88	0.3	Field Crew	
DRY-VEN5	2019-DRY	Dry	8/20/2019 1:05:00 PM	8/20/2019 1:05:00 PM	DO	n/a	=	87.3	%	Field Meter	-88	0.1	Field Crew	
DRY-VEN5	2019-DRY	Dry	8/20/2019 1:05:00 PM	9/9/2019 6:01:00 PM	Hardness as CaCO3	Total	=	312	mg/L	EPA 200.7	0.0894	0.662	WKL	
DRY-VEN5	2019-DRY	Dry	8/20/2019 1:05:00 PM	8/20/2019 1:05:00 PM	pH	n/a	=	7.41	pH Units	Field Meter	-88	0.01	Field Crew	
DRY-VEN5	2019-DRY	Dry	8/20/2019 1:05:00 PM	8/20/2019 1:05:00 PM	Salinity	n/a	=	500	mg/L	Field Meter	-88	100	Field Crew	
DRY-VEN5	2019-DRY	Dry	8/20/2019 1:05:00 PM	8/20/2019 1:05:00 PM	Specific Conductance	n/a	=	995	µmhos/cm	Field Meter	-88	1	Field Crew	
DRY-VEN5	2019-DRY	Dry	8/20/2019 1:05:00 PM	8/20/2019 1:05:00 PM	Temperature	n/a	=	21.7	°C	Field Meter	-88	0.1	Field Crew	
DRY-VEN5	2019-DRY	Dry	8/20/2019 1:05:00 PM	8/23/2019 1:16:00 PM	Total Organic Carbon	n/a	=	0.47	mg/L	SM 5310 B	0.009	0.3	WKL	
DRY-VEN5	2019-DRY	Dry	8/20/2019 1:05:00 PM	8/20/2019 1:05:00 PM	Turbidity	n/a	=	9.74	NTU	Field Meter	-88	0.01	Field Crew	
DRY-VEN5	2019-DRY	Dry	8/20/2019 1:05:00 PM	9/3/2019 8:40:00 PM	Copper	Dissolved	DNQ	0.39	µg/L	EPA 200.8	0.13	0.5	WKL	
DRY-VEN5	2019-DRY	Dry	8/20/2019 1:05:00 PM	9/3/2019 8:40:00 PM	Lead	Dissolved	<	0.031	µg/L	EPA 200.8	0.031	0.2	WKL	
DRY-VEN5	2019-DRY	Dry	8/20/2019 1:05:00 PM	9/3/2019 8:40:00 PM	Zinc	Dissolved	DNQ	0.99	µg/L	EPA 200.8	0.94	5	WKL	UL-MB
ME-CC	2018/19-1	Wet	11/22/2018 1:30:00 AM	11/22/2018 9:00:00 PM	E. Coli	n/a	=	2909	MPN/100 mL	MMO-MUG	10	10	VCHCA	
ME-CC	2018/19-1	Wet	11/22/2018 1:30:00 AM	11/22/2018 9:00:00 PM	Total Coliform	n/a	=	54750	MPN/100 mL	MMO-MUG	100	100	VCHCA	
ME-CC	2018/19-1	Wet	11/22/2018 1:30:00 AM	11/22/2018 1:30:00 AM	Conductivity	n/a	=	1300	µmhos/cm	Field Meter	-88	1	Field Crew	
ME-CC	2018/19-1	Wet	11/22/2018 1:30:00 AM	12/6/2018 6:55:00 PM	Cyanide	Total	DNQ	0.0017	mg/L	ASTM D7511	0.0005	0.002	WKL	
ME-CC	2018/19-1	Wet	11/22/2018 1:30:00 AM	11/22/2018 1:30:00 AM	DO	n/a	=	65.5	%	Field Meter	-88	0.1	Field Crew	
ME-CC	2018/19-1	Wet	11/22/2018 1:30:00 AM	11/22/2018 1:30:00 AM	DO	n/a	=	6.18	mg/L	Field Meter	-88	0.3	Field Crew	
ME-CC	2018/19-1	Wet	11/22/2018 1:30:00 AM	11/22/2018 1:30:00 AM	pH	n/a	=	7.8	pH Units	Field Meter	-88	0.01	Field Crew	
ME-CC	2018/19-1	Wet	11/22/2018 1:30:00 AM	11/22/2018 1:30:00 AM	Salinity	n/a	=	700	mg/L	Field Meter	-88	100	Field Crew	
ME-CC	2018/19-1	Wet	11/22/2018 1:30:00 AM	11/22/2018 1:30:00 AM	Specific Conductance	n/a	=	1500	µmhos/cm	Field Meter	-88	1	Field Crew	
ME-CC	2018/19-1	Wet	11/22/2018 1:30:00 AM	11/22/2018 1:30:00 AM	Temperature	n/a	=	18.1	°C	Field Meter	-88	0.1	Field Crew	
ME-CC	2018/19-1	Wet	11/22/2018 1:30:00 AM	11/30/2018 4:08:00 PM	Gasoline Range Organics	n/a	<	0.012	mg/L	LUFT GC/MS	0.012	0.1	WKL	
ME-CC	2018/19-1	Wet	11/22/2018 1:30:00 AM	12/4/2018 9:18:00 AM	Oil and Grease	n/a	<	1.3	mg/L	EPA 1664A	1.3	5	WKL	
ME-CC	2018/19-1	Wet	11/22/2018 1:30:00 AM	11/26/2018 7:05:00 PM	2-Chloroethyl vinyl ether	n/a	<	0.28	µg/L	EPA 624	0.28	1	WKL	
ME-CC	2018/19-1	Wet	11/22/2018 1:30:00 AM	11/26/2018 7:05:00 PM	Methyl tert-butyl ether (MTBE)	n/a	<	0.25	µg/L	EPA 624	0.25	1	WKL	
ME-CC	2018/19-1	Wet	11/22/2018 10:06:00 AM	11/26/2018 10:00:00 PM	Chloride	n/a	=	170	mg/L	EPA 300.0	0.2	1	WKL	
ME-CC	2018/19-1	Wet	11/22/2018 10:06:00 AM	11/26/2018 10:00:00 PM	Fluoride	n/a	=	0.47	mg/L	EPA 300.0	0.04	0.2	WKL	
ME-CC	2018/19-1	Wet	11/22/2018 10:06:00 AM	11/29/2018 2:43:00 PM	Perchlorate	n/a	<	0.95	µg/L	EPA 314.0	0.95	2	WKL	
ME-CC	2018/19-1	Wet	11/22/2018 10:06:00 AM	11/26/2018 10:00:00 PM	Sulfate	Total	=	180	mg/L	EPA 300.0	0.2	1	WKL	
ME-CC	2018/19-1	Wet	11/22/2018 10:06:00 AM	11/26/2018 4:34:00 PM	Calcium	Total	=	63.8	mg/L	EPA 200.7	0.016	0.1	WKL	
ME-CC	2018/19-1	Wet	11/22/2018 10:06:00 AM	11/26/2018 4:34:00 PM	Magnesium	Total	=	34	mg/L	EPA 200.7	0.012	0.1	WKL	

Appendix G
Laboratory Environmental Analysis Results

Site ID	Event	Event Type	Sample Date	Analysis Date	Constituent	Fraction	Sign	Result	Units	Method	MDL	Reporting Limit	Analyzing Laboratory	Qualifier
ME-CC	2018/19-1	Wet	11/22/2018 10:06:00 AM	11/26/2018 4:34:00 PM	Potassium	Total	=	22	mg/L	EPA 200.7	0.081	0.1	WKL	
ME-CC	2018/19-1	Wet	11/22/2018 10:06:00 AM	11/27/2018 1:32:00 PM	Sodium	Total	=	130	mg/L	EPA 200.7	0.015	0.5	WKL	
ME-CC	2018/19-1	Wet	11/22/2018 10:06:00 AM	11/29/2018 12:30:00 PM	Alkalinity as CaCO3	n/a	=	160	mg/L	SM 2320 B	0.56	2	WKL	
ME-CC	2018/19-1	Wet	11/22/2018 10:06:00 AM	11/28/2018 6:00:00 PM	BOD	n/a	=	6.6	mg/L	SM 5210 B	2	2	WKL	
ME-CC	2018/19-1	Wet	11/22/2018 10:06:00 AM	11/27/2018 2:52:00 PM	COD	n/a	=	23	mg/L	EPA 410.4	0.73	5	WKL	
ME-CC	2018/19-1	Wet	11/22/2018 10:06:00 AM	12/4/2018 2:24:00 PM	Dissolved Inorganic Carbon	Dissolved	=	45	mg/L	SM 5310 B	0.016	0.1	WKL	
ME-CC	2018/19-1	Wet	11/22/2018 10:06:00 AM	12/3/2018 11:13:00 AM	Dissolved Organic Carbon	Dissolved	=	9.4	mg/L	SM 5310 B	0.013	0.3	WKL	
ME-CC	2018/19-1	Wet	11/22/2018 10:06:00 AM	11/26/2018 4:34:00 PM	Hardness as CaCO3	Total	=	299	mg/L	EPA 200.7	0.0894	0.662	WKL	
ME-CC	2018/19-1	Wet	11/22/2018 10:06:00 AM	11/23/2018 6:32:00 PM	MBAS	n/a	DNQ	0.043	mg/L	SM 5540 C	0.019	0.05	WKL	
ME-CC	2018/19-1	Wet	11/22/2018 10:06:00 AM	12/4/2018 5:45:00 PM	Phenolics	n/a	<	0.0042	mg/L	EPA 420.4	0.0042	0.01	WKL	
ME-CC	2018/19-1	Wet	11/22/2018 10:06:00 AM	12/3/2018 12:52:00 PM	Specific Conductance	n/a	=	1200	µmhos/cm	SM 2510 B	0.23	2	WKL	
ME-CC	2018/19-1	Wet	11/22/2018 10:06:00 AM	11/23/2018 4:02:00 PM	Total Chlorine Residual	n/a	=	0.54	mg/L	SM 4500-Cl G	0.006	0.2	WKL	ST-HT, LB-MSR
ME-CC	2018/19-1	Wet	11/22/2018 10:06:00 AM	11/26/2018 6:50:00 PM	Total Dissolved Solids	n/a	=	760	mg/L	SM 2540 C	4	10	WKL	
ME-CC	2018/19-1	Wet	11/22/2018 10:06:00 AM	11/30/2018 12:03:00 PM	Total Organic Carbon	n/a	=	9.8	mg/L	SM 5310 B	0.016	0.1	WKL	
ME-CC	2018/19-1	Wet	11/22/2018 10:06:00 AM	11/27/2018 2:15:00 PM	Total Suspended Solids	n/a	=	84	mg/L	SM 2540 D	-88	5	WKL	
ME-CC	2018/19-1	Wet	11/22/2018 10:06:00 AM	11/27/2018 2:15:00 PM	Volatile Suspended Solids	n/a	=	13	mg/L	EPA 160.4	3.1	5	WKL	
ME-CC	2018/19-1	Wet	11/22/2018 10:06:00 AM	11/30/2018 6:05:00 PM	Diesel Range Organics	n/a	=	0.11	mg/L	EPA 8015D	0.024	0.1	WKL	
ME-CC	2018/19-1	Wet	11/22/2018 10:06:00 AM	11/30/2018 6:05:00 PM	Oil Range Organics	n/a	<	0.33	mg/L	EPA 8015D	0.33	0.5	WKL	
ME-CC	2018/19-1	Wet	11/22/2018 10:06:00 AM	11/29/2018 1:08:00 PM	Aluminum	Dissolved	=	14	µg/L	EPA 200.8	1.3	5	WKL	
ME-CC	2018/19-1	Wet	11/22/2018 10:06:00 AM	11/29/2018 1:12:00 PM	Aluminum	Total	=	2400	µg/L	EPA 200.8	1.3	5	WKL	
ME-CC	2018/19-1	Wet	11/22/2018 10:06:00 AM	11/29/2018 1:08:00 PM	Antimony	Dissolved	=	0.51	µg/L	EPA 200.8	0.045	0.5	WKL	
ME-CC	2018/19-1	Wet	11/22/2018 10:06:00 AM	11/29/2018 1:12:00 PM	Antimony	Total	=	0.63	µg/L	EPA 200.8	0.045	0.5	WKL	
ME-CC	2018/19-1	Wet	11/22/2018 10:06:00 AM	11/29/2018 1:08:00 PM	Arsenic	Dissolved	=	2.6	µg/L	EPA 200.8	0.074	0.4	WKL	
ME-CC	2018/19-1	Wet	11/22/2018 10:06:00 AM	11/29/2018 1:12:00 PM	Arsenic	Total	=	3.5	µg/L	EPA 200.8	0.074	0.4	WKL	
ME-CC	2018/19-1	Wet	11/22/2018 10:06:00 AM	11/29/2018 1:12:00 PM	Barium	Total	=	51	µg/L	EPA 200.8	0.071	0.5	WKL	
ME-CC	2018/19-1	Wet	11/22/2018 10:06:00 AM	11/29/2018 1:08:00 PM	Beryllium	Dissolved	<	0.033	µg/L	EPA 200.8	0.033	0.1	WKL	
ME-CC	2018/19-1	Wet	11/22/2018 10:06:00 AM	11/29/2018 1:12:00 PM	Beryllium	Total	DNQ	0.091	µg/L	EPA 200.8	0.033	0.1	WKL	
ME-CC	2018/19-1	Wet	11/22/2018 10:06:00 AM	11/29/2018 1:08:00 PM	Cadmium	Dissolved	=	0.21	µg/L	EPA 200.8	0.041	0.1	WKL	
ME-CC	2018/19-1	Wet	11/22/2018 10:06:00 AM	11/29/2018 1:12:00 PM	Cadmium	Total	=	0.36	µg/L	EPA 200.8	0.041	0.1	WKL	
ME-CC	2018/19-1	Wet	11/22/2018 10:06:00 AM	11/29/2018 1:08:00 PM	Chromium	Dissolved	=	0.26	µg/L	EPA 200.8	0.035	0.2	WKL	
ME-CC	2018/19-1	Wet	11/22/2018 10:06:00 AM	11/29/2018 1:12:00 PM	Chromium	Total	=	5.7	µg/L	EPA 200.8	0.035	0.2	WKL	
ME-CC	2018/19-1	Wet	11/22/2018 10:06:00 AM	11/30/2018 9:49:00 PM	Chromium VI	n/a	<	0.024	µg/L	EPA 218.6	0.024	0.1	WKL	
ME-CC	2018/19-1	Wet	11/22/2018 10:06:00 AM	11/29/2018 1:08:00 PM	Copper	Dissolved	=	3.9	µg/L	EPA 200.8	0.13	0.5	WKL	
ME-CC	2018/19-1	Wet	11/22/2018 10:06:00 AM	11/29/2018 1:12:00 PM	Copper	Total	=	9.9	µg/L	EPA 200.8	0.13	0.5	WKL	
ME-CC	2018/19-1	Wet	11/22/2018 10:06:00 AM	11/26/2018 3:56:00 PM	Iron	Dissolved	=	44	µg/L	EPA 200.7	1.1	10	WKL	
ME-CC	2018/19-1	Wet	11/22/2018 10:06:00 AM	11/26/2018 4:34:00 PM	Iron	Total	=	3400	µg/L	EPA 200.7	1.1	10	WKL	HB-MSR
ME-CC	2018/19-1	Wet	11/22/2018 10:06:00 AM	11/29/2018 1:08:00 PM	Lead	Dissolved	DNQ	0.1	µg/L	EPA 200.8	0.031	0.2	WKL	
ME-CC	2018/19-1	Wet	11/22/2018 10:06:00 AM	11/29/2018 1:12:00 PM	Lead	Total	=	2.6	µg/L	EPA 200.8	0.031	0.2	WKL	
ME-CC	2018/19-1	Wet	11/22/2018 10:06:00 AM	11/28/2018 3:06:00 PM	Mercury	Dissolved	<	17	ng/L	EPA 245.1	17	50	WKL	
ME-CC	2018/19-1	Wet	11/22/2018 10:06:00 AM	11/28/2018 3:08:00 PM	Mercury	Total	<	17	ng/L	EPA 245.1	17	50	WKL	
ME-CC	2018/19-1	Wet	11/22/2018 10:06:00 AM	11/29/2018 1:08:00 PM	Nickel	Dissolved	=	4.6	µg/L	EPA 200.8	0.045	0.8	WKL	
ME-CC	2018/19-1	Wet	11/22/2018 10:06:00 AM	11/29/2018 1:12:00 PM	Nickel	Total	=	9	µg/L	EPA 200.8	0.045	0.8	WKL	
ME-CC	2018/19-1	Wet	11/22/2018 10:06:00 AM	11/29/2018 1:08:00 PM	Selenium	Dissolved	DNQ	0.38	µg/L	EPA 200.8	0.14	0.4	WKL	
ME-CC	2018/19-1	Wet	11/22/2018 10:06:00 AM	11/29/2018 1:12:00 PM	Selenium	Total	=	0.55	µg/L	EPA 200.8	0.14	0.4	WKL	
ME-CC	2018/19-1	Wet	11/22/2018 10:06:00 AM	11/29/2018 1:08:00 PM	Silver	Dissolved	<	0.062	µg/L	EPA 200.8	0.062	0.2	WKL	
ME-CC	2018/19-1	Wet	11/22/2018 10:06:00 AM	11/29/2018 1:12:00 PM	Silver	Total	<	0.062	µg/L	EPA 200.8	0.062	0.2	WKL	
ME-CC	2018/19-1	Wet	11/22/2018 10:06:00 AM	11/29/2018 1:08:00 PM	Thallium	Dissolved	<	0.014	µg/L	EPA 200.8	0.014	0.2	WKL	
ME-CC	2018/19-1	Wet	11/22/2018 10:06:00 AM	11/29/2018 1:12:00 PM	Thallium	Total	DNQ	0.035	µg/L	EPA 200.8	0.014	0.2	WKL	

Appendix G
Laboratory Environmental Analysis Results

Site ID	Event	Event Type	Sample Date	Analysis Date	Constituent	Fraction	Sign	Result	Units	Method	MDL	Reporting Limit	Analyzing Laboratory	Qualifier
ME-CC	2018/19-1	Wet	11/22/2018 10:06:00 AM	11/29/2018 1:08:00 PM	Zinc	Dissolved	=	25	µg/L	EPA 200.8	0.94	5	WKL	
ME-CC	2018/19-1	Wet	11/22/2018 10:06:00 AM	11/29/2018 1:12:00 PM	Zinc	Total	=	53	µg/L	EPA 200.8	0.94	5	WKL	
ME-CC	2018/19-1	Wet	11/22/2018 10:06:00 AM	11/27/2018 4:38:00 PM	Ammonia as N	n/a	=	0.21	mg/L	EPA 350.1	0.048	0.1	WKL	
ME-CC	2018/19-1	Wet	11/22/2018 10:06:00 AM	12/12/2018 6:01:00 PM	Nitrate + Nitrite as N	n/a	=	4.9	mg/L	EPA 353.2	0.083	0.2	WKL	
ME-CC	2018/19-1	Wet	11/22/2018 10:06:00 AM	11/23/2018 4:51:00 PM	Nitrate as N	n/a	=	6.8	mg/L	EPA 353.2	0.083	0.2	WKL	
ME-CC	2018/19-1	Wet	11/22/2018 10:06:00 AM	1/25/2019 2:07:00 PM	Phosphorus as P	Dissolved	=	3	mg/L	EPA 200.7	0.012	0.02	WKL	
ME-CC	2018/19-1	Wet	11/22/2018 10:06:00 AM	1/25/2019 2:10:00 PM	Phosphorus as P	Total	=	3.3	mg/L	EPA 200.7	0.012	0.02	WKL	
ME-CC	2018/19-1	Wet	11/22/2018 10:06:00 AM	11/29/2018 1:50:00 PM	TKN	n/a	=	1.3	mg/L	EPA 351.2	0.05	0.1	WKL	
ME-CC	2018/19-1	Wet	11/22/2018 10:06:00 AM	12/28/2018 9:11:00 PM	1,2,4-Trichlorobenzene	n/a	<	0.55	µg/L	EPA 625	0.55	1	WKL	
ME-CC	2018/19-1	Wet	11/22/2018 10:06:00 AM	12/28/2018 9:11:00 PM	1,2-Dichlorobenzene	n/a	<	0.57	µg/L	EPA 625	0.57	1	WKL	
ME-CC	2018/19-1	Wet	11/22/2018 10:06:00 AM	12/28/2018 9:11:00 PM	1,2-Diphenylhydrazine	n/a	<	0.25	µg/L	EPA 625	0.25	1	WKL	
ME-CC	2018/19-1	Wet	11/22/2018 10:06:00 AM	12/28/2018 9:11:00 PM	1,3-Dichlorobenzene	n/a	<	0.53	µg/L	EPA 625	0.53	1	WKL	
ME-CC	2018/19-1	Wet	11/22/2018 10:06:00 AM	12/28/2018 9:11:00 PM	1,4-Dichlorobenzene	n/a	<	0.55	µg/L	EPA 625	0.55	1	WKL	
ME-CC	2018/19-1	Wet	11/22/2018 10:06:00 AM	1/4/2019 3:19:00 AM	1-Methylnaphthalene	n/a	<	0.1	µg/L	EPA 8270C	0.1	0.1	WKL	
ME-CC	2018/19-1	Wet	11/22/2018 10:06:00 AM	1/2/2019 5:53:00 PM	2,4,5-Trichlorophenol	n/a	<	0.29	µg/L	EPA 8270C	0.29	1	WKL	
ME-CC	2018/19-1	Wet	11/22/2018 10:06:00 AM	1/2/2019 5:53:00 PM	2,4,6-Trichlorophenol	n/a	<	0.3	µg/L	EPA 8270C	0.3	1	WKL	
ME-CC	2018/19-1	Wet	11/22/2018 10:06:00 AM	12/28/2018 9:11:00 PM	2,4,6-Trichlorophenol	n/a	<	0.22	µg/L	EPA 625	0.22	1	WKL	
ME-CC	2018/19-1	Wet	11/22/2018 10:06:00 AM	1/2/2019 5:53:00 PM	2,4-Dichlorophenol	n/a	<	0.51	µg/L	EPA 8270C	0.51	1	WKL	
ME-CC	2018/19-1	Wet	11/22/2018 10:06:00 AM	12/28/2018 9:11:00 PM	2,4-Dichlorophenol	n/a	<	0.26	µg/L	EPA 625	0.26	1	WKL	
ME-CC	2018/19-1	Wet	11/22/2018 10:06:00 AM	1/2/2019 5:53:00 PM	2,4-Dimethylphenol	n/a	<	1	µg/L	EPA 8270C	1	2	WKL	
ME-CC	2018/19-1	Wet	11/22/2018 10:06:00 AM	12/28/2018 9:11:00 PM	2,4-Dimethylphenol	n/a	<	0.3	µg/L	EPA 625	0.3	1	WKL	
ME-CC	2018/19-1	Wet	11/22/2018 10:06:00 AM	12/28/2018 9:11:00 PM	2,4-Dinitrophenol	n/a	<	1.6	µg/L	EPA 625	1.6	10	WKL	
ME-CC	2018/19-1	Wet	11/22/2018 10:06:00 AM	1/2/2019 5:53:00 PM	2,4-Dinitrophenol	n/a	<	1	µg/L	EPA 8270C	1	2	WKL	
ME-CC	2018/19-1	Wet	11/22/2018 10:06:00 AM	12/28/2018 9:11:00 PM	2,4-Dinitrotoluene	n/a	<	0.18	µg/L	EPA 625	0.18	1	WKL	
ME-CC	2018/19-1	Wet	11/22/2018 10:06:00 AM	12/28/2018 9:11:00 PM	2,6-Dinitrotoluene	n/a	<	0.27	µg/L	EPA 625	0.27	1	WKL	
ME-CC	2018/19-1	Wet	11/22/2018 10:06:00 AM	12/28/2018 9:11:00 PM	2-Chloronaphthalene	n/a	<	0.45	µg/L	EPA 625	0.45	1	WKL	
ME-CC	2018/19-1	Wet	11/22/2018 10:06:00 AM	1/2/2019 5:53:00 PM	2-Chlorophenol	n/a	<	0.65	µg/L	EPA 8270C	0.65	1	WKL	
ME-CC	2018/19-1	Wet	11/22/2018 10:06:00 AM	12/28/2018 9:11:00 PM	2-Chlorophenol	n/a	<	0.28	µg/L	EPA 625	0.28	1	WKL	
ME-CC	2018/19-1	Wet	11/22/2018 10:06:00 AM	1/4/2019 3:19:00 AM	2-Methylnaphthalene	n/a	<	0.1	µg/L	EPA 8270C	0.1	0.1	WKL	
ME-CC	2018/19-1	Wet	11/22/2018 10:06:00 AM	1/2/2019 5:53:00 PM	2-Methylphenol	n/a	<	0.34	µg/L	EPA 8270C	0.34	1	WKL	
ME-CC	2018/19-1	Wet	11/22/2018 10:06:00 AM	12/28/2018 9:11:00 PM	2-Nitrophenol	n/a	<	0.26	µg/L	EPA 625	0.26	1	WKL	
ME-CC	2018/19-1	Wet	11/22/2018 10:06:00 AM	1/2/2019 5:53:00 PM	2-Nitrophenol	n/a	<	0.71	µg/L	EPA 8270C	0.71	1	WKL	
ME-CC	2018/19-1	Wet	11/22/2018 10:06:00 AM	12/28/2018 9:11:00 PM	3,3'-Dichlorobenzidine	n/a	<	1.2	µg/L	EPA 625	1.2	5	WKL	
ME-CC	2018/19-1	Wet	11/22/2018 10:06:00 AM	1/2/2019 5:53:00 PM	3-/4-Methylphenol	n/a	<	0.3	µg/L	EPA 8270C	0.3	1	WKL	
ME-CC	2018/19-1	Wet	11/22/2018 10:06:00 AM	1/2/2019 5:53:00 PM	4,6-Dinitro-2-methylphenol	n/a	<	0.14	µg/L	EPA 8270C	0.14	1	WKL	
ME-CC	2018/19-1	Wet	11/22/2018 10:06:00 AM	12/28/2018 9:11:00 PM	4,6-Dinitro-2-methylphenol	n/a	<	1.7	µg/L	EPA 625	1.7	5	WKL	
ME-CC	2018/19-1	Wet	11/22/2018 10:06:00 AM	12/28/2018 9:11:00 PM	4-Bromophenyl phenyl ether	n/a	<	0.36	µg/L	EPA 625	0.36	1	WKL	
ME-CC	2018/19-1	Wet	11/22/2018 10:06:00 AM	12/28/2018 9:11:00 PM	4-Chloro-3-methylphenol	n/a	<	0.23	µg/L	EPA 625	0.23	1	WKL	
ME-CC	2018/19-1	Wet	11/22/2018 10:06:00 AM	1/2/2019 5:53:00 PM	4-Chloro-3-methylphenol	n/a	<	0.37	µg/L	EPA 8270C	0.37	1	WKL	
ME-CC	2018/19-1	Wet	11/22/2018 10:06:00 AM	12/28/2018 9:11:00 PM	4-Chlorophenyl phenyl ether	n/a	<	0.41	µg/L	EPA 625	0.41	1	WKL	
ME-CC	2018/19-1	Wet	11/22/2018 10:06:00 AM	1/2/2019 5:53:00 PM	4-Nitrophenol	n/a	<	1	µg/L	EPA 8270C	1	2	WKL	
ME-CC	2018/19-1	Wet	11/22/2018 10:06:00 AM	12/28/2018 9:11:00 PM	4-Nitrophenol	n/a	<	0.45	µg/L	EPA 625	0.45	5	WKL	
ME-CC	2018/19-1	Wet	11/22/2018 10:06:00 AM	12/28/2018 9:11:00 PM	Acenaphthene	n/a	<	0.38	µg/L	EPA 625	0.38	1	WKL	
ME-CC	2018/19-1	Wet	11/22/2018 10:06:00 AM	1/4/2019 3:19:00 AM	Acenaphthene	n/a	<	0.1	µg/L	EPA 8270C	0.1	0.1	WKL	
ME-CC	2018/19-1	Wet	11/22/2018 10:06:00 AM	1/4/2019 3:19:00 AM	Acenaphthylene	n/a	<	0.1	µg/L	EPA 8270C	0.1	0.1	WKL	
ME-CC	2018/19-1	Wet	11/22/2018 10:06:00 AM	12/28/2018 9:11:00 PM	Acenaphthylene	n/a	<	0.4	µg/L	EPA 625	0.4	1	WKL	
ME-CC	2018/19-1	Wet	11/22/2018 10:06:00 AM	1/4/2019 3:19:00 AM	Anthracene	n/a	<	0.1	µg/L	EPA 8270C	0.1	0.1	WKL	
ME-CC	2018/19-1	Wet	11/22/2018 10:06:00 AM	12/28/2018 9:11:00 PM	Anthracene	n/a	<	0.34	µg/L	EPA 625	0.34	1	WKL	

Appendix G
Laboratory Environmental Analysis Results

Site ID	Event	Event Type	Sample Date	Analysis Date	Constituent	Fraction	Sign	Result	Units	Method	MDL	Reporting Limit	Analyzing Laboratory	Qualifier
ME-CC	2018/19-1	Wet	11/22/2018 10:06:00 AM	1/4/2019 3:19:00 AM	Benzo(a)anthracene	n/a	<	0.1	µg/L	EPA 8270C	0.1	0.1	WKL	
ME-CC	2018/19-1	Wet	11/22/2018 10:06:00 AM	12/28/2018 9:11:00 PM	Benzo(a)anthracene	n/a	<	0.19	µg/L	EPA 625	0.19	1	WKL	
ME-CC	2018/19-1	Wet	11/22/2018 10:06:00 AM	12/28/2018 9:11:00 PM	Benzo(b)fluoranthene	n/a	<	3.7	µg/L	EPA 625	3.7	10	WKL	
ME-CC	2018/19-1	Wet	11/22/2018 10:06:00 AM	12/14/2018 2:56:00 AM	Benzo(a)pyrene	n/a	<	0.07	µg/L	EPA 525.2	0.07	0.1	WKL	
ME-CC	2018/19-1	Wet	11/22/2018 10:06:00 AM	1/4/2019 3:19:00 AM	Benzo(a)pyrene	n/a	<	0.1	µg/L	EPA 8270C	0.1	0.1	WKL	
ME-CC	2018/19-1	Wet	11/22/2018 10:06:00 AM	12/28/2018 9:11:00 PM	Benzo(a)pyrene	n/a	<	0.13	µg/L	EPA 625	0.13	1	WKL	
ME-CC	2018/19-1	Wet	11/22/2018 10:06:00 AM	12/28/2018 9:11:00 PM	Benzo(b)fluoranthene	n/a	<	0.14	µg/L	EPA 625	0.14	1	WKL	
ME-CC	2018/19-1	Wet	11/22/2018 10:06:00 AM	1/4/2019 3:19:00 AM	Benzo(b)fluoranthene	n/a	<	0.1	µg/L	EPA 8270C	0.1	0.1	WKL	
ME-CC	2018/19-1	Wet	11/22/2018 10:06:00 AM	12/28/2018 9:11:00 PM	Benzo(g,h,i)perylene	n/a	<	0.1	µg/L	EPA 625	0.1	2	WKL	
ME-CC	2018/19-1	Wet	11/22/2018 10:06:00 AM	1/4/2019 3:19:00 AM	Benzo(g,h,i)perylene	n/a	<	0.1	µg/L	EPA 8270C	0.1	0.1	WKL	
ME-CC	2018/19-1	Wet	11/22/2018 10:06:00 AM	12/28/2018 9:11:00 PM	Benzo(k)fluoranthene	n/a	<	0.22	µg/L	EPA 625	0.22	1	WKL	
ME-CC	2018/19-1	Wet	11/22/2018 10:06:00 AM	1/4/2019 3:19:00 AM	Benzo(k)fluoranthene	n/a	<	0.1	µg/L	EPA 8270C	0.1	0.1	WKL	
ME-CC	2018/19-1	Wet	11/22/2018 10:06:00 AM	12/28/2018 9:11:00 PM	Bis(2-chloroethoxy)methane	n/a	<	0.25	µg/L	EPA 625	0.25	1	WKL	
ME-CC	2018/19-1	Wet	11/22/2018 10:06:00 AM	12/28/2018 9:11:00 PM	Bis(2-chloroethyl)ether	n/a	<	0.27	µg/L	EPA 625	0.27	1	WKL	
ME-CC	2018/19-1	Wet	11/22/2018 10:06:00 AM	12/28/2018 9:11:00 PM	Bis(2-chloroisopropyl)ether	n/a	<	0.38	µg/L	EPA 625	0.38	1	WKL	
ME-CC	2018/19-1	Wet	11/22/2018 10:06:00 AM	12/14/2018 2:56:00 AM	Bis(2-ethylhexyl)adipate	n/a	<	0.1	µg/L	EPA 525.2	0.1	5	WKL	
ME-CC	2018/19-1	Wet	11/22/2018 10:06:00 AM	12/28/2018 9:11:00 PM	Bis(2-ethylhexyl)phthalate	n/a	<	2.3	µg/L	EPA 625	2.3	5	WKL	
ME-CC	2018/19-1	Wet	11/22/2018 10:06:00 AM	12/14/2018 2:56:00 AM	Bis(2-ethylhexyl)phthalate	n/a	<	1.1	µg/L	EPA 525.2	1.1	3	WKL	
ME-CC	2018/19-1	Wet	11/22/2018 10:06:00 AM	12/28/2018 9:11:00 PM	Butyl benzyl phthalate	n/a	DNQ	0.26	µg/L	EPA 625	0.18	1	WKL	UL-MB
ME-CC	2018/19-1	Wet	11/22/2018 10:06:00 AM	12/28/2018 9:11:00 PM	Chrysene	n/a	<	0.19	µg/L	EPA 625	0.19	1	WKL	
ME-CC	2018/19-1	Wet	11/22/2018 10:06:00 AM	1/4/2019 3:19:00 AM	Chrysene	n/a	<	0.1	µg/L	EPA 8270C	0.1	0.1	WKL	
ME-CC	2018/19-1	Wet	11/22/2018 10:06:00 AM	1/4/2019 3:19:00 AM	Dibenz(a,h)anthracene	n/a	<	0.1	µg/L	EPA 8270C	0.1	0.1	WKL	
ME-CC	2018/19-1	Wet	11/22/2018 10:06:00 AM	12/28/2018 9:11:00 PM	Dibenz(a,h)anthracene	n/a	<	0.08	µg/L	EPA 625	0.08	2	WKL	
ME-CC	2018/19-1	Wet	11/22/2018 10:06:00 AM	12/28/2018 9:11:00 PM	Diethyl phthalate	n/a	DNQ	0.21	µg/L	EPA 625	0.15	1	WKL	
ME-CC	2018/19-1	Wet	11/22/2018 10:06:00 AM	12/28/2018 9:11:00 PM	Dimethyl phthalate	n/a	<	0.18	µg/L	EPA 625	0.18	1	WKL	
ME-CC	2018/19-1	Wet	11/22/2018 10:06:00 AM	12/28/2018 9:11:00 PM	Di-n-butylphthalate	n/a	<	0.24	µg/L	EPA 625	0.24	1	WKL	
ME-CC	2018/19-1	Wet	11/22/2018 10:06:00 AM	12/28/2018 9:11:00 PM	Di-n-octylphthalate	n/a	<	0.19	µg/L	EPA 625	0.19	1	WKL	
ME-CC	2018/19-1	Wet	11/22/2018 10:06:00 AM	12/28/2018 9:11:00 PM	Fluoranthene	n/a	<	0.22	µg/L	EPA 625	0.22	1	WKL	
ME-CC	2018/19-1	Wet	11/22/2018 10:06:00 AM	1/4/2019 3:19:00 AM	Fluoranthene	n/a	<	0.1	µg/L	EPA 8270C	0.1	0.1	WKL	
ME-CC	2018/19-1	Wet	11/22/2018 10:06:00 AM	1/4/2019 3:19:00 AM	Fluorene	n/a	<	0.1	µg/L	EPA 8270C	0.1	0.1	WKL	
ME-CC	2018/19-1	Wet	11/22/2018 10:06:00 AM	12/28/2018 9:11:00 PM	Fluorene	n/a	<	0.35	µg/L	EPA 625	0.35	1	WKL	
ME-CC	2018/19-1	Wet	11/22/2018 10:06:00 AM	12/28/2018 9:11:00 PM	Hexachlorobenzene	n/a	<	0.49	µg/L	EPA 625	0.49	1	WKL	
ME-CC	2018/19-1	Wet	11/22/2018 10:06:00 AM	12/28/2018 9:11:00 PM	Hexachlorobutadiene	n/a	<	0.47	µg/L	EPA 625	0.47	1	WKL	
ME-CC	2018/19-1	Wet	11/22/2018 10:06:00 AM	12/28/2018 9:11:00 PM	Hexachlorocyclopentadiene	n/a	<	1.5	µg/L	EPA 625	1.5	5	WKL	
ME-CC	2018/19-1	Wet	11/22/2018 10:06:00 AM	12/28/2018 9:11:00 PM	Hexachloroethane	n/a	<	0.52	µg/L	EPA 625	0.52	1	WKL	
ME-CC	2018/19-1	Wet	11/22/2018 10:06:00 AM	12/28/2018 9:11:00 PM	Indeno(1,2,3-cd)pyrene	n/a	<	0.12	µg/L	EPA 625	0.12	2	WKL	
ME-CC	2018/19-1	Wet	11/22/2018 10:06:00 AM	1/4/2019 3:19:00 AM	Indeno(1,2,3-cd)pyrene	n/a	<	0.1	µg/L	EPA 8270C	0.1	0.1	WKL	
ME-CC	2018/19-1	Wet	11/22/2018 10:06:00 AM	12/28/2018 9:11:00 PM	Isophorone	n/a	<	0.21	µg/L	EPA 625	0.21	1	WKL	
ME-CC	2018/19-1	Wet	11/22/2018 10:06:00 AM	12/28/2018 9:11:00 PM	Naphthalene	n/a	<	0.49	µg/L	EPA 625	0.49	1	WKL	
ME-CC	2018/19-1	Wet	11/22/2018 10:06:00 AM	1/4/2019 3:19:00 AM	Naphthalene	n/a	<	0.1	µg/L	EPA 8270C	0.1	0.1	WKL	
ME-CC	2018/19-1	Wet	11/22/2018 10:06:00 AM	12/28/2018 9:11:00 PM	Nitrobenzene	n/a	<	0.36	µg/L	EPA 625	0.36	1	WKL	
ME-CC	2018/19-1	Wet	11/22/2018 10:06:00 AM	12/28/2018 9:11:00 PM	N-Nitrosodimethylamine	n/a	<	0.14	µg/L	EPA 625	0.14	1	WKL	
ME-CC	2018/19-1	Wet	11/22/2018 10:06:00 AM	12/28/2018 9:11:00 PM	N-Nitrosodi-N-propylamine	n/a	<	0.26	µg/L	EPA 625	0.26	1	WKL	
ME-CC	2018/19-1	Wet	11/22/2018 10:06:00 AM	12/28/2018 9:11:00 PM	N-Nitrosodiphenylamine	n/a	<	0.19	µg/L	EPA 625	0.19	1	WKL	
ME-CC	2018/19-1	Wet	11/22/2018 10:06:00 AM	1/4/2019 3:19:00 AM	Phenanthrene	n/a	<	0.1	µg/L	EPA 8270C	0.1	0.1	WKL	
ME-CC	2018/19-1	Wet	11/22/2018 10:06:00 AM	12/28/2018 9:11:00 PM	Phenanthrene	n/a	<	0.32	µg/L	EPA 625	0.32	1	WKL	
ME-CC	2018/19-1	Wet	11/22/2018 10:06:00 AM	1/2/2019 5:53:00 PM	Phenol	n/a	<	0.35	µg/L	EPA 8270C	0.35	1	WKL	
ME-CC	2018/19-1	Wet	11/22/2018 10:06:00 AM	12/28/2018 9:11:00 PM	Phenol	n/a	<	0.16	µg/L	EPA 625	0.16	1	WKL	

Appendix G
Laboratory Environmental Analysis Results

Site ID	Event	Event Type	Sample Date	Analysis Date	Constituent	Fraction	Sign	Result	Units	Method	MDL	Reporting Limit	Analyzing Laboratory	Qualifier
ME-CC	2018/19-1	Wet	11/22/2018 10:06:00 AM	1/4/2019 3:19:00 AM	Pyrene	n/a	<	0.1	µg/L	EPA 8270C	0.1	0.1	WKL	
ME-CC	2018/19-1	Wet	11/22/2018 10:06:00 AM	12/28/2018 9:11:00 PM	Pyrene	n/a	<	0.25	µg/L	EPA 625	0.25	1	WKL	
ME-CC	2018/19-1	Wet	11/22/2018 10:06:00 AM	12/19/2018 11:39:00 PM	PCB Aroclor 1016	n/a	<	0.25	µg/L	EPA 608	0.25	2.5	WKL	
ME-CC	2018/19-1	Wet	11/22/2018 10:06:00 AM	12/19/2018 11:39:00 PM	PCB Aroclor 1221	n/a	<	0.3	µg/L	EPA 608	0.3	2.5	WKL	
ME-CC	2018/19-1	Wet	11/22/2018 10:06:00 AM	12/19/2018 11:39:00 PM	PCB Aroclor 1232	n/a	<	0.75	µg/L	EPA 608	0.75	2.5	WKL	
ME-CC	2018/19-1	Wet	11/22/2018 10:06:00 AM	12/19/2018 11:39:00 PM	PCB Aroclor 1242	n/a	<	0.35	µg/L	EPA 608	0.35	2.5	WKL	
ME-CC	2018/19-1	Wet	11/22/2018 10:06:00 AM	12/19/2018 11:39:00 PM	PCB Aroclor 1248	n/a	<	0.3	µg/L	EPA 608	0.3	2.5	WKL	
ME-CC	2018/19-1	Wet	11/22/2018 10:06:00 AM	12/19/2018 11:39:00 PM	PCB Aroclor 1254	n/a	<	0.2	µg/L	EPA 608	0.2	2.5	WKL	
ME-CC	2018/19-1	Wet	11/22/2018 10:06:00 AM	12/19/2018 11:39:00 PM	PCB Aroclor 1260	n/a	<	0.2	µg/L	EPA 608	0.2	2.5	WKL	
ME-CC	2018/19-1	Wet	11/22/2018 10:06:00 AM	12/15/2018 12:58:00 AM	2,4,5-T	n/a	<	0.07	µg/L	EPA 515.3	0.07	0.2	WKL	
ME-CC	2018/19-1	Wet	11/22/2018 10:06:00 AM	12/15/2018 12:58:00 AM	2,4,5-TP	n/a	<	0.09	µg/L	EPA 515.3	0.09	0.2	WKL	
ME-CC	2018/19-1	Wet	11/22/2018 10:06:00 AM	12/15/2018 12:58:00 AM	2,4-D	n/a	<	0.07	µg/L	EPA 515.3	0.07	0.4	WKL	
ME-CC	2018/19-1	Wet	11/22/2018 10:06:00 AM	12/15/2018 12:58:00 AM	2,4-DB	n/a	DNQ	0.24	µg/L	EPA 515.3	0.07	2	WKL	
ME-CC	2018/19-1	Wet	11/22/2018 10:06:00 AM	12/15/2018 12:58:00 AM	3,5-Dichlorobenzoic acid	n/a	<	0.09	µg/L	EPA 515.3	0.09	1	WKL	
ME-CC	2018/19-1	Wet	11/22/2018 10:06:00 AM	12/19/2018 11:39:00 PM	4,4'-DDD	n/a	<	0.015	µg/L	EPA 608	0.015	0.25	WKL	
ME-CC	2018/19-1	Wet	11/22/2018 10:06:00 AM	12/19/2018 11:39:00 PM	4,4'-DDE	n/a	<	0.012	µg/L	EPA 608	0.012	0.25	WKL	
ME-CC	2018/19-1	Wet	11/22/2018 10:06:00 AM	12/19/2018 11:39:00 PM	4,4'-DDT	n/a	<	0.016	µg/L	EPA 608	0.016	0.05	WKL	
ME-CC	2018/19-1	Wet	11/22/2018 10:06:00 AM	12/15/2018 12:58:00 AM	Acifluorfen	n/a	<	0.06	µg/L	EPA 515.3	0.06	0.4	WKL	
ME-CC	2018/19-1	Wet	11/22/2018 10:06:00 AM	12/14/2018 2:56:00 AM	Alachlor	n/a	<	0.022	µg/L	EPA 525.2	0.022	0.1	WKL	
ME-CC	2018/19-1	Wet	11/22/2018 10:06:00 AM	12/19/2018 11:39:00 PM	Aldrin	n/a	<	0.0075	µg/L	EPA 608	0.0075	0.025	WKL	
ME-CC	2018/19-1	Wet	11/22/2018 10:06:00 AM	12/19/2018 11:39:00 PM	alpha-BHC	n/a	<	0.009	µg/L	EPA 608	0.009	0.05	WKL	
ME-CC	2018/19-1	Wet	11/22/2018 10:06:00 AM	12/19/2018 11:39:00 PM	alpha-Chlordane	n/a	<	0.02	µg/L	EPA 608	0.02	0.05	WKL	
ME-CC	2018/19-1	Wet	11/22/2018 10:06:00 AM	12/14/2018 2:56:00 AM	Atrazine	n/a	<	0.034	µg/L	EPA 525.2	0.034	0.1	WKL	
ME-CC	2018/19-1	Wet	11/22/2018 10:06:00 AM	1/3/2019 3:10:00 AM	Azinphos methyl	n/a	<	0.0055	µg/L	EPA 525.2m	0.0055	0.01	WKL	EST, EST-HT
ME-CC	2018/19-1	Wet	11/22/2018 10:06:00 AM	12/15/2018 12:58:00 AM	Bentazon	n/a	<	0.11	µg/L	EPA 515.3	0.11	2	WKL	
ME-CC	2018/19-1	Wet	11/22/2018 10:06:00 AM	12/19/2018 11:39:00 AM	beta-BHC	n/a	<	0.016	µg/L	EPA 608	0.016	0.025	WKL	
ME-CC	2018/19-1	Wet	11/22/2018 10:06:00 AM	1/3/2019 3:10:00 AM	Bolstar	n/a	<	0.0046	µg/L	EPA 525.2m	0.0046	0.01	WKL	EST, EST-HT
ME-CC	2018/19-1	Wet	11/22/2018 10:06:00 AM	12/14/2018 2:56:00 AM	Bromacil	n/a	<	0.038	µg/L	EPA 525.2	0.038	1	WKL	
ME-CC	2018/19-1	Wet	11/22/2018 10:06:00 AM	12/14/2018 2:56:00 AM	Butachlor	n/a	<	0.017	µg/L	EPA 525.2	0.017	0.2	WKL	
ME-CC	2018/19-1	Wet	11/22/2018 10:06:00 AM	12/14/2018 2:56:00 AM	Captan	n/a	<	0.86	µg/L	EPA 525.2	0.86	1	WKL	
ME-CC	2018/19-1	Wet	11/22/2018 10:06:00 AM	12/19/2018 11:39:00 PM	Chlordane (technical)	n/a	<	0.4	µg/L	EPA 608	0.4	0.5	WKL	
ME-CC	2018/19-1	Wet	11/22/2018 10:06:00 AM	12/14/2018 2:56:00 AM	Chlorpropham	n/a	<	0.01	µg/L	EPA 525.2	0.01	0.1	WKL	
ME-CC	2018/19-1	Wet	11/22/2018 10:06:00 AM	1/3/2019 3:10:00 AM	Chlorpyrifos	n/a	<	0.0069	µg/L	EPA 525.2m	0.0069	0.01	WKL	EST-HT
ME-CC	2018/19-1	Wet	11/22/2018 10:06:00 AM	1/3/2019 3:10:00 AM	Coumaphos	n/a	<	0.0051	µg/L	EPA 525.2m	0.0051	0.01	WKL	EST, EST-HT
ME-CC	2018/19-1	Wet	11/22/2018 10:06:00 AM	12/14/2018 2:56:00 AM	Cyanazine	n/a	<	0.024	µg/L	EPA 525.2	0.024	0.1	WKL	
ME-CC	2018/19-1	Wet	11/22/2018 10:06:00 AM	12/15/2018 12:58:00 AM	Dalapon	n/a	<	0.1	µg/L	EPA 515.3	0.1	0.4	WKL	
ME-CC	2018/19-1	Wet	11/22/2018 10:06:00 AM	12/15/2018 12:58:00 AM	DCPA (Daacthal)	n/a	=	0.65	µg/L	EPA 515.3	0.07	0.1	WKL	
ME-CC	2018/19-1	Wet	11/22/2018 10:06:00 AM	12/19/2018 11:39:00 PM	delta-BHC	n/a	<	0.012	µg/L	EPA 608	0.012	0.025	WKL	
ME-CC	2018/19-1	Wet	11/22/2018 10:06:00 AM	1/3/2019 3:10:00 AM	Demeton-O	n/a	<	0.01	µg/L	EPA 525.2m	0.01	0.01	WKL	EST-HT
ME-CC	2018/19-1	Wet	11/22/2018 10:06:00 AM	1/3/2019 3:10:00 AM	Demeton-S	n/a	<	0.01	µg/L	EPA 525.2m	0.01	0.01	WKL	EST-HT
ME-CC	2018/19-1	Wet	11/22/2018 10:06:00 AM	1/3/2019 3:10:00 AM	Diazinon	n/a	<	0.0052	µg/L	EPA 525.2m	0.0052	0.01	WKL	EST-HT
ME-CC	2018/19-1	Wet	11/22/2018 10:06:00 AM	12/14/2018 2:56:00 AM	Diazinon	n/a	<	0.25	µg/L	EPA 525.2	0.25	0.25	WKL	
ME-CC	2018/19-1	Wet	11/22/2018 10:06:00 AM	12/15/2018 12:58:00 AM	Dicamba	n/a	<	0.12	µg/L	EPA 515.3	0.12	0.6	WKL	
ME-CC	2018/19-1	Wet	11/22/2018 10:06:00 AM	12/15/2018 12:58:00 AM	Dichlorprop	n/a	<	0.08	µg/L	EPA 515.3	0.08	0.3	WKL	
ME-CC	2018/19-1	Wet	11/22/2018 10:06:00 AM	1/3/2019 3:10:00 AM	Dichlorvos	n/a	<	0.0029	µg/L	EPA 525.2m	0.0029	0.01	WKL	EST-HT
ME-CC	2018/19-1	Wet	11/22/2018 10:06:00 AM	12/19/2018 11:39:00 PM	Dieldrin	n/a	<	0.01	µg/L	EPA 608	0.01	0.05	WKL	
ME-CC	2018/19-1	Wet	11/22/2018 10:06:00 AM	1/3/2019 3:10:00 AM	Dimethoate	n/a	<	0.0062	µg/L	EPA 525.2m	0.0062	0.01	WKL	EST-HT
ME-CC	2018/19-1	Wet	11/22/2018 10:06:00 AM	12/14/2018 2:56:00 AM	Dimethoate	n/a	<	0.024	µg/L	EPA 525.2	0.024	0.2	WKL	

Appendix G
Laboratory Environmental Analysis Results

Site ID	Event	Event Type	Sample Date	Analysis Date	Constituent	Fraction	Sign	Result	Units	Method	MDL	Reporting Limit	Analyzing Laboratory	Qualifier
ME-CC	2018/19-1	Wet	11/22/2018 10:06:00 AM	12/15/2018 12:58:00 AM	Dinoseb	n/a	<	0.14	µg/L	EPA 515.3	0.14	0.4	WKL	
ME-CC	2018/19-1	Wet	11/22/2018 10:06:00 AM	12/14/2018 2:56:00 AM	Diphenamid	n/a	<	0.024	µg/L	EPA 525.2	0.024	0.1	WKL	
ME-CC	2018/19-1	Wet	11/22/2018 10:06:00 AM	1/3/2019 3:10:00 AM	Disulfoton	n/a	<	0.01	µg/L	EPA 525.2m	0.01	0.01	WKL	EST-HT
ME-CC	2018/19-1	Wet	11/22/2018 10:06:00 AM	12/14/2018 2:56:00 AM	Disulfoton	n/a	<	0.031	µg/L	EPA 525.2	0.031	0.1	WKL	
ME-CC	2018/19-1	Wet	11/22/2018 10:06:00 AM	12/19/2018 11:39:00 PM	Endosulfan I	n/a	<	0.0085	µg/L	EPA 608	0.0085	0.1	WKL	
ME-CC	2018/19-1	Wet	11/22/2018 10:06:00 AM	12/19/2018 11:39:00 PM	Endosulfan II	n/a	<	0.0095	µg/L	EPA 608	0.0095	0.05	WKL	
ME-CC	2018/19-1	Wet	11/22/2018 10:06:00 AM	12/19/2018 11:39:00 PM	Endosulfan sulfate	n/a	<	0.04	µg/L	EPA 608	0.04	0.25	WKL	
ME-CC	2018/19-1	Wet	11/22/2018 10:06:00 AM	12/19/2018 11:39:00 PM	Endrin	n/a	<	0.014	µg/L	EPA 608	0.014	0.05	WKL	
ME-CC	2018/19-1	Wet	11/22/2018 10:06:00 AM	12/19/2018 11:39:00 PM	Endrin aldehyde	n/a	<	0.015	µg/L	EPA 608	0.015	0.05	WKL	
ME-CC	2018/19-1	Wet	11/22/2018 10:06:00 AM	12/14/2018 2:56:00 AM	EPTC	n/a	<	0.017	µg/L	EPA 525.2	0.017	1	WKL	
ME-CC	2018/19-1	Wet	11/22/2018 10:06:00 AM	1/3/2019 3:10:00 AM	Ethoprop	n/a	<	0.0067	µg/L	EPA 525.2m	0.0067	0.01	WKL	EST-HT
ME-CC	2018/19-1	Wet	11/22/2018 10:06:00 AM	1/3/2019 3:10:00 AM	Ethyl parathion	n/a	<	0.0054	µg/L	EPA 525.2m	0.0054	0.01	WKL	EST-HT
ME-CC	2018/19-1	Wet	11/22/2018 10:06:00 AM	1/3/2019 3:10:00 AM	Fensulfothion	n/a	<	0.0029	µg/L	EPA 525.2m	0.0029	0.01	WKL	EST, EST-HT
ME-CC	2018/19-1	Wet	11/22/2018 10:06:00 AM	1/3/2019 3:10:00 AM	Fenthion	n/a	<	0.0038	µg/L	EPA 525.2m	0.0038	0.01	WKL	EST-HT
ME-CC	2018/19-1	Wet	11/22/2018 10:06:00 AM	12/19/2018 11:39:00 PM	gamma-BHC (Lindane)	n/a	<	0.01	µg/L	EPA 608	0.01	0.1	WKL	
ME-CC	2018/19-1	Wet	11/22/2018 10:06:00 AM	12/19/2018 11:39:00 PM	gamma-Chlordane	n/a	<	0.022	µg/L	EPA 608	0.022	0.05	WKL	
ME-CC	2018/19-1	Wet	11/22/2018 10:06:00 AM	11/28/2018 10:54:00 PM	Glyphosate	n/a	=	20	µg/L	EPA 547	1.8	5	WKL	
ME-CC	2018/19-1	Wet	11/22/2018 10:06:00 AM	12/19/2018 10:06:00 AM	Heptachlor	n/a	<	0.0085	µg/L	EPA 608	0.0085	0.05	WKL	
ME-CC	2018/19-1	Wet	11/22/2018 10:06:00 AM	12/19/2018 11:39:00 PM	Heptachlor epoxide	n/a	<	0.0095	µg/L	EPA 608	0.0095	0.05	WKL	
ME-CC	2018/19-1	Wet	11/22/2018 10:06:00 AM	1/3/2019 3:10:00 AM	Malathion	n/a	=	0.09	µg/L	EPA 525.2m	0.0076	0.01	WKL	EST-HT
ME-CC	2018/19-1	Wet	11/22/2018 10:06:00 AM	1/3/2019 3:10:00 AM	Merphos	n/a	<	0.0058	µg/L	EPA 525.2m	0.0058	0.01	WKL	EST, EST-HT
ME-CC	2018/19-1	Wet	11/22/2018 10:06:00 AM	12/19/2018 11:39:00 PM	Methoxychlor	n/a	<	0.027	µg/L	EPA 608	0.027	0.1	WKL	
ME-CC	2018/19-1	Wet	11/22/2018 10:06:00 AM	1/3/2019 3:10:00 AM	Methyl parathion	n/a	<	0.0063	µg/L	EPA 525.2m	0.0063	0.01	WKL	EST-HT
ME-CC	2018/19-1	Wet	11/22/2018 10:06:00 AM	12/14/2018 2:56:00 AM	Metolachlor	n/a	<	0.012	µg/L	EPA 525.2	0.012	0.1	WKL	
ME-CC	2018/19-1	Wet	11/22/2018 10:06:00 AM	12/14/2018 2:56:00 AM	Metribuzin	n/a	<	0.015	µg/L	EPA 525.2	0.015	0.1	WKL	
ME-CC	2018/19-1	Wet	11/22/2018 10:06:00 AM	1/3/2019 3:10:00 AM	Mevinphos	n/a	<	0.0042	µg/L	EPA 525.2m	0.0042	0.01	WKL	EST-HT
ME-CC	2018/19-1	Wet	11/22/2018 10:06:00 AM	12/14/2018 2:56:00 AM	Molinate	n/a	<	0.039	µg/L	EPA 525.2	0.039	0.1	WKL	
ME-CC	2018/19-1	Wet	11/22/2018 10:06:00 AM	1/3/2019 3:10:00 AM	Naled	n/a	<	0.0076	µg/L	EPA 525.2m	0.0076	0.01	WKL	EST-HT
ME-CC	2018/19-1	Wet	11/22/2018 10:06:00 AM	12/15/2018 12:58:00 AM	Pentachlorophenol	n/a	DNQ	0.053	µg/L	EPA 515.3	0.04	0.2	WKL	
ME-CC	2018/19-1	Wet	11/22/2018 10:06:00 AM	12/28/2018 9:11:00 PM	Pentachlorophenol	n/a	<	0.19	µg/L	EPA 625	0.19	1	WKL	
ME-CC	2018/19-1	Wet	11/22/2018 10:06:00 AM	1/2/2019 5:53:00 PM	Pentachlorophenol	n/a	DNQ	0.93	µg/L	EPA 8270C	0.15	1	WKL	
ME-CC	2018/19-1	Wet	11/22/2018 10:06:00 AM	1/3/2019 3:10:00 AM	Phorate	n/a	<	0.003	µg/L	EPA 525.2m	0.003	0.01	WKL	EST-HT
ME-CC	2018/19-1	Wet	11/22/2018 10:06:00 AM	12/15/2018 12:58:00 AM	Picloram	n/a	<	0.05	µg/L	EPA 515.3	0.05	0.6	WKL	
ME-CC	2018/19-1	Wet	11/22/2018 10:06:00 AM	12/14/2018 2:56:00 AM	Prometon	n/a	<	0.024	µg/L	EPA 525.2	0.024	0.2	WKL	
ME-CC	2018/19-1	Wet	11/22/2018 10:06:00 AM	12/14/2018 2:56:00 AM	Prometryn	n/a	<	0.036	µg/L	EPA 525.2	0.036	0.1	WKL	
ME-CC	2018/19-1	Wet	11/22/2018 10:06:00 AM	1/3/2019 3:10:00 AM	Ronnel (Fenchlorphos)	n/a	<	0.0041	µg/L	EPA 525.2m	0.0041	0.01	WKL	EST-HT
ME-CC	2018/19-1	Wet	11/22/2018 10:06:00 AM	12/14/2018 2:56:00 AM	Simazine	n/a	<	0.015	µg/L	EPA 525.2	0.015	0.1	WKL	
ME-CC	2018/19-1	Wet	11/22/2018 10:06:00 AM	1/3/2019 3:10:00 AM	Stirophos (Tetrachlorvinphos)	n/a	<	0.0031	µg/L	EPA 525.2m	0.0031	0.01	WKL	EST-HT
ME-CC	2018/19-1	Wet	11/22/2018 10:06:00 AM	12/14/2018 2:56:00 AM	Terbacil	n/a	<	0.55	µg/L	EPA 525.2	0.55	2	WKL	
ME-CC	2018/19-1	Wet	11/22/2018 10:06:00 AM	12/14/2018 2:56:00 AM	Thiobencarb	n/a	<	0.025	µg/L	EPA 525.2	0.025	0.2	WKL	
ME-CC	2018/19-1	Wet	11/22/2018 10:06:00 AM	1/3/2019 3:10:00 AM	Tokuthion	n/a	<	0.0078	µg/L	EPA 525.2m	0.0078	0.01	WKL	EST, EST-HT
ME-CC	2018/19-1	Wet	11/22/2018 10:06:00 AM	12/19/2018 11:39:00 PM	Toxaphene	n/a	<	0.6	µg/L	EPA 608	0.6	2.5	WKL	
ME-CC	2018/19-1	Wet	11/22/2018 10:06:00 AM	1/3/2019 3:10:00 AM	Trichloronate	n/a	<	0.0067	µg/L	EPA 525.2m	0.0067	0.01	WKL	EST-HT
ME-CC	2018/19-1	Wet	11/22/2018 10:06:00 AM	12/14/2018 2:56:00 AM	Trithion	n/a	<	0.012	µg/L	EPA 525.2	0.012	0.1	WKL	
ME-CC	2018/19-2	Wet	11/29/2018 3:00:00 AM	11/30/2018 3:50:00 AM	E. Coli	n/a	=	341	MPN/100 mL	MMO-MUG	10	10	VCHCA	
ME-CC	2018/19-2	Wet	11/29/2018 3:00:00 AM	11/30/2018 3:50:00 AM	Total Coliform	n/a	=	235900	MPN/100 mL	MMO-MUG	1000	1000	VCHCA	
ME-CC	2018/19-2	Wet	11/29/2018 3:00:00 AM	11/29/2018 3:00:00 AM	Conductivity	n/a	=	1218	µmhos/cm	Field Meter	-88	1	Field Crew	
ME-CC	2018/19-2	Wet	11/29/2018 3:00:00 AM	12/11/2018 8:10:00 PM	Cyanide	Total	DNQ	0.0017	mg/L	ASTM D7511	0.0005	0.002	WKL	

Appendix G
Laboratory Environmental Analysis Results

Site ID	Event	Event Type	Sample Date	Analysis Date	Constituent	Fraction	Sign	Result	Units	Method	MDL	Reporting Limit	Analyzing Laboratory	Qualifier
ME-CC	2018/19-2	Wet	11/29/2018 3:00:00 AM	11/29/2018 3:00:00 AM	DO	n/a	=	6.12	mg/L	Field Meter	-88	0.3	Field Crew	
ME-CC	2018/19-2	Wet	11/29/2018 3:00:00 AM	11/29/2018 3:00:00 AM	DO	n/a	=	65.2	%	Field Meter	-88	0.1	Field Crew	
ME-CC	2018/19-2	Wet	11/29/2018 3:00:00 AM	11/29/2018 3:00:00 AM	pH	n/a	=	7.78	pH Units	Field Meter	-88	0.01	Field Crew	
ME-CC	2018/19-2	Wet	11/29/2018 3:00:00 AM	11/29/2018 3:00:00 AM	Salinity	n/a	=	700	mg/L	Field Meter	-88	100	Field Crew	
ME-CC	2018/19-2	Wet	11/29/2018 3:00:00 AM	11/29/2018 3:00:00 AM	Specific Conductance	n/a	=	1397	µmhos/cm	Field Meter	-88	1	Field Crew	
ME-CC	2018/19-2	Wet	11/29/2018 3:00:00 AM	11/29/2018 3:00:00 AM	Temperature	n/a	=	18	°C	Field Meter	-88	0.1	Field Crew	
ME-CC	2018/19-2	Wet	11/29/2018 3:00:00 AM	12/14/2018 4:48:00 PM	Oil and Grease	n/a	<	1.3	mg/L	EPA 1664A	1.3	5	WKL	
ME-CC	2018/19-2	Wet	11/29/2018 3:00:00 AM	12/3/2018 3:53:00 PM	2-Chloroethyl vinyl ether	n/a	<	0.28	µg/L	EPA 624	0.28	1	WKL	
ME-CC	2018/19-2	Wet	11/29/2018 3:00:00 AM	12/3/2018 3:53:00 PM	Methyl tert-butyl ether (MTBE)	n/a	<	0.25	µg/L	EPA 624	0.25	1	WKL	
ME-CC	2018/19-2	Wet	11/30/2018 5:25:00 AM	12/4/2018	Chloride	n/a	=	98	mg/L	EPA 300.0	0.5	2.5	WKL	
ME-CC	2018/19-2	Wet	11/30/2018 5:25:00 AM	12/4/2018	Fluoride	n/a	DNQ	0.27	mg/L	EPA 300.0	0.1	0.5	WKL	
ME-CC	2018/19-2	Wet	11/30/2018 5:25:00 AM	12/2/2018 3:14:00 AM	Perchlorate	n/a	<	0.95	µg/L	EPA 314.0	0.95	2	WKL	
ME-CC	2018/19-2	Wet	11/30/2018 5:25:00 AM	12/4/2018	Sulfate	Total	=	110	mg/L	EPA 300.0	0.5	2.5	WKL	
ME-CC	2018/19-2	Wet	11/30/2018 5:25:00 AM	12/11/2018 12:52:00 PM	Calcium	Total	=	49	mg/L	EPA 200.7	0.016	0.1	WKL	
ME-CC	2018/19-2	Wet	11/30/2018 5:25:00 AM	12/11/2018 12:52:00 PM	Magnesium	Total	=	28.9	mg/L	EPA 200.7	0.012	0.1	WKL	
ME-CC	2018/19-2	Wet	11/30/2018 5:25:00 AM	12/11/2018 12:52:00 PM	Potassium	Total	=	14	mg/L	EPA 200.7	0.081	0.1	WKL	
ME-CC	2018/19-2	Wet	11/30/2018 5:25:00 AM	12/11/2018 12:52:00 PM	Sodium	Total	=	78	mg/L	EPA 200.7	0.015	0.5	WKL	
ME-CC	2018/19-2	Wet	11/30/2018 5:25:00 AM	12/11/2018 12:20:00 PM	Alkalinity as CaCO3	n/a	=	120	mg/L	SM 2320 B	0.56	2	WKL	
ME-CC	2018/19-2	Wet	11/30/2018 5:25:00 AM	12/6/2018 2:05:00 PM	BOD	n/a	=	10	mg/L	SM 5210 B	2	2	WKL	
ME-CC	2018/19-2	Wet	11/30/2018 5:25:00 AM	12/5/2018 4:19:00 PM	COD	n/a	=	62	mg/L	EPA 410.4	0.73	5	WKL	
ME-CC	2018/19-2	Wet	11/30/2018 5:25:00 AM	12/20/2018 9:28:00 AM	Dissolved Organic Carbon	Dissolved	=	33	mg/L	SM 5310 B	0.016	0.5	WKL	
ME-CC	2018/19-2	Wet	11/30/2018 5:25:00 AM	12/11/2018 10:21:00 AM	Dissolved Inorganic Carbon	Dissolved	=	12	mg/L	SM 5310 B	0.013	0.3	WKL	
ME-CC	2018/19-2	Wet	11/30/2018 5:25:00 AM	12/11/2018 12:52:00 PM	Hardness as CaCO3	Total	=	241	mg/L	EPA 200.7	0.0894	0.662	WKL	
ME-CC	2018/19-2	Wet	11/30/2018 5:25:00 AM	12/1/2018 7:40:00 PM	MBAS	n/a	DNQ	0.044	mg/L	SM 5540 C	0.019	0.05	WKL	
ME-CC	2018/19-2	Wet	11/30/2018 5:25:00 AM	12/11/2018 5:32:00 PM	Phenolics	n/a	DNQ	0.0087	mg/L	EPA 420.4	0.0042	0.01	WKL	
ME-CC	2018/19-2	Wet	11/30/2018 5:25:00 AM	12/12/2018 5:17:00 PM	Specific Conductance	n/a	=	850	µmhos/cm	SM 2510 B	0.23	2	WKL	
ME-CC	2018/19-2	Wet	11/30/2018 5:25:00 AM	12/1/2018 10:20:00 PM	Total Chlorine Residual	n/a	DNQ	0.038	mg/L	SM 4500-Cl G	0.0015	0.05	WKL	EST-HT
ME-CC	2018/19-2	Wet	11/30/2018 5:25:00 AM	12/6/2018 5:33:00 PM	Total Dissolved Solids	n/a	=	460	mg/L	SM 2540 C	4	10	WKL	
ME-CC	2018/19-2	Wet	11/30/2018 5:25:00 AM	12/10/2018 8:52:00 AM	Total Organic Carbon	n/a	=	11	mg/L	SM 5310 B	0.009	0.3	WKL	
ME-CC	2018/19-2	Wet	11/30/2018 5:25:00 AM	12/6/2018 8:30:00 PM	Total Suspended Solids	n/a	=	380	mg/L	SM 2540 D	-88	5	WKL	
ME-CC	2018/19-2	Wet	11/30/2018 5:25:00 AM	11/30/2018 5:37:00 PM	Turbidity	n/a	=	73	NTU	EPA 180.1	0.096	0.4	WKL	
ME-CC	2018/19-2	Wet	11/30/2018 5:25:00 AM	12/6/2018 8:30:00 PM	Volatile Suspended Solids	n/a	=	58	mg/L	EPA 160.4	3.1	5	WKL	
ME-CC	2018/19-2	Wet	11/30/2018 5:25:00 AM	12/18/2018 10:29:00 PM	Diesel Range Organics	n/a	=	0.16	mg/L	EPA 8015D	0.024	0.1	WKL	
ME-CC	2018/19-2	Wet	11/30/2018 5:25:00 AM	12/18/2018 10:29:00 PM	Oil Range Organics	n/a	<	0.33	mg/L	EPA 8015D	0.33	0.5	WKL	
ME-CC	2018/19-2	Wet	11/30/2018 5:25:00 AM	12/12/2018 11:39:00 AM	Aluminum	Dissolved	=	27	µg/L	EPA 200.8	1.3	5	WKL	
ME-CC	2018/19-2	Wet	11/30/2018 5:25:00 AM	12/12/2018 11:43:00 AM	Aluminum	Total	=	5900	µg/L	EPA 200.8	1.3	5	WKL	HB-MSR
ME-CC	2018/19-2	Wet	11/30/2018 5:25:00 AM	12/12/2018 11:39:00 AM	Antimony	Dissolved	=	0.74	µg/L	EPA 200.8	0.045	0.5	WKL	
ME-CC	2018/19-2	Wet	11/30/2018 5:25:00 AM	12/12/2018 11:43:00 AM	Antimony	Total	=	0.81	µg/L	EPA 200.8	0.045	0.5	WKL	
ME-CC	2018/19-2	Wet	11/30/2018 5:25:00 AM	12/12/2018 11:39:00 AM	Arsenic	Dissolved	=	3	µg/L	EPA 200.8	0.074	0.4	WKL	
ME-CC	2018/19-2	Wet	11/30/2018 5:25:00 AM	12/12/2018 11:43:00 AM	Arsenic	Total	=	4.5	µg/L	EPA 200.8	0.074	0.4	WKL	
ME-CC	2018/19-2	Wet	11/30/2018 5:25:00 AM	12/12/2018 11:43:00 AM	Barium	Total	=	64	µg/L	EPA 200.8	0.071	0.5	WKL	
ME-CC	2018/19-2	Wet	11/30/2018 5:25:00 AM	12/12/2018 11:39:00 AM	Beryllium	Dissolved	<	0.033	µg/L	EPA 200.8	0.033	0.1	WKL	
ME-CC	2018/19-2	Wet	11/30/2018 5:25:00 AM	12/12/2018 11:43:00 AM	Beryllium	Total	=	0.2	µg/L	EPA 200.8	0.033	0.1	WKL	
ME-CC	2018/19-2	Wet	11/30/2018 5:25:00 AM	12/12/2018 11:39:00 AM	Cadmium	Dissolved	=	0.12	µg/L	EPA 200.8	0.041	0.1	WKL	
ME-CC	2018/19-2	Wet	11/30/2018 5:25:00 AM	12/12/2018 11:43:00 AM	Cadmium	Total	=	0.57	µg/L	EPA 200.8	0.041	0.1	WKL	
ME-CC	2018/19-2	Wet	11/30/2018 5:25:00 AM	12/12/2018 11:39:00 AM	Chromium	Dissolved	=	0.29	µg/L	EPA 200.8	0.035	0.2	WKL	
ME-CC	2018/19-2	Wet	11/30/2018 5:25:00 AM	12/12/2018 11:43:00 AM	Chromium	Total	=	16	µg/L	EPA 200.8	0.035	0.2	WKL	
ME-CC	2018/19-2	Wet	11/30/2018 5:25:00 AM	12/13/2018 1:55:00 PM	Chromium VI	n/a	=	0.16	µg/L	EPA 218.6	0.024	0.1	WKL	

Appendix G
Laboratory Environmental Analysis Results

Site ID	Event	Event Type	Sample Date	Analysis Date	Constituent	Fraction	Sign	Result	Units	Method	MDL	Reporting Limit	Analyzing Laboratory	Qualifier
ME-CC	2018/19-2	Wet	11/30/2018 5:25:00 AM	12/12/2018 11:39:00 AM	Copper	Dissolved	=	4.4	µg/L	EPA 200.8	0.13	0.5	WKL	
ME-CC	2018/19-2	Wet	11/30/2018 5:25:00 AM	12/12/2018 11:43:00 AM	Copper	Total	=	17	µg/L	EPA 200.8	0.13	0.5	WKL	
ME-CC	2018/19-2	Wet	11/30/2018 5:25:00 AM	12/11/2018 12:14:00 PM	Iron	Dissolved	=	69	µg/L	EPA 200.7	1.1	10	WKL	
ME-CC	2018/19-2	Wet	11/30/2018 5:25:00 AM	12/11/2018 12:52:00 PM	Iron	Total	=	8200	µg/L	EPA 200.7	1.1	10	WKL	
ME-CC	2018/19-2	Wet	11/30/2018 5:25:00 AM	12/12/2018 11:39:00 AM	Lead	Dissolved	DNQ	0.081	µg/L	EPA 200.8	0.031	0.2	WKL	
ME-CC	2018/19-2	Wet	11/30/2018 5:25:00 AM	12/12/2018 11:43:00 AM	Lead	Total	=	4.7	µg/L	EPA 200.8	0.031	0.2	WKL	
ME-CC	2018/19-2	Wet	11/30/2018 5:25:00 AM	12/10/2018 1:56:00 PM	Mercury	Dissolved	<	17	ng/L	EPA 245.1	17	50	WKL	
ME-CC	2018/19-2	Wet	11/30/2018 5:25:00 AM	12/10/2018 1:58:00 PM	Mercury	Total	DNQ	22	ng/L	EPA 245.1	17	50	WKL	
ME-CC	2018/19-2	Wet	11/30/2018 5:25:00 AM	12/12/2018 11:39:00 AM	Nickel	Dissolved	=	4.2	µg/L	EPA 200.8	0.045	0.8	WKL	
ME-CC	2018/19-2	Wet	11/30/2018 5:25:00 AM	12/12/2018 11:43:00 AM	Nickel	Total	=	16	µg/L	EPA 200.8	0.045	0.8	WKL	
ME-CC	2018/19-2	Wet	11/30/2018 5:25:00 AM	12/12/2018 11:39:00 AM	Selenium	Dissolved	=	0.88	µg/L	EPA 200.8	0.14	0.4	WKL	
ME-CC	2018/19-2	Wet	11/30/2018 5:25:00 AM	12/12/2018 11:43:00 AM	Selenium	Total	=	1.2	µg/L	EPA 200.8	0.14	0.4	WKL	
ME-CC	2018/19-2	Wet	11/30/2018 5:25:00 AM	12/12/2018 11:39:00 AM	Silver	Dissolved	<	0.062	µg/L	EPA 200.8	0.062	0.2	WKL	
ME-CC	2018/19-2	Wet	11/30/2018 5:25:00 AM	12/12/2018 11:39:00 AM	Silver	Total	DNQ	0.084	µg/L	EPA 200.8	0.062	0.2	WKL	
ME-CC	2018/19-2	Wet	11/30/2018 5:25:00 AM	12/12/2018 11:39:00 AM	Thallium	Dissolved	<	0.014	µg/L	EPA 200.8	0.014	0.2	WKL	
ME-CC	2018/19-2	Wet	11/30/2018 5:25:00 AM	12/12/2018 11:43:00 AM	Thallium	Total	DNQ	0.074	µg/L	EPA 200.8	0.014	0.2	WKL	
ME-CC	2018/19-2	Wet	11/30/2018 5:25:00 AM	12/12/2018 11:39:00 AM	Zinc	Dissolved	=	12	µg/L	EPA 200.8	0.94	5	WKL	
ME-CC	2018/19-2	Wet	11/30/2018 5:25:00 AM	12/12/2018 11:43:00 AM	Zinc	Total	=	64	µg/L	EPA 200.8	0.94	5	WKL	
ME-CC	2018/19-2	Wet	11/30/2018 5:25:00 AM	12/11/2018 3:32:00 PM	Ammonia as N	n/a	=	0.2	mg/L	EPA 350.1	0.048	0.1	WKL	
ME-CC	2018/19-2	Wet	11/30/2018 5:25:00 AM	12/1/2018 6:54:00 PM	Nitrate + Nitrite as N	n/a	=	3.5	mg/L	EPA 353.2	0.083	0.2	WKL	
ME-CC	2018/19-2	Wet	11/30/2018 5:25:00 AM	12/1/2018 6:54:00 PM	Nitrate as N	n/a	=	3.5	mg/L	EPA 353.2	0.083	0.2	WKL	
ME-CC	2018/19-2	Wet	11/30/2018 5:25:00 AM	1/17/2019 4:34:00 PM	Phosphorus as P	Dissolved	=	1.2	mg/L	EPA 200.7	0.012	0.02	WKL	
ME-CC	2018/19-2	Wet	11/30/2018 5:25:00 AM	1/17/2019 4:37:00 PM	Phosphorus as P	Total	=	1.9	mg/L	EPA 200.7	0.012	0.02	WKL	
ME-CC	2018/19-2	Wet	11/30/2018 5:25:00 AM	12/21/2018 10:50:00 AM	TKN	n/a	=	1.1	mg/L	EPA 351.2	0.05	0.1	WKL	
ME-CC	2018/19-2	Wet	11/30/2018 5:25:00 AM	1/7/2019 12:39:00 AM	1,2,4-Trichlorobenzene	n/a	<	0.55	µg/L	EPA 625	0.55	1	WKL	
ME-CC	2018/19-2	Wet	11/30/2018 5:25:00 AM	1/7/2019 12:39:00 AM	1,2-Dichlorobenzene	n/a	<	0.57	µg/L	EPA 625	0.57	1	WKL	
ME-CC	2018/19-2	Wet	11/30/2018 5:25:00 AM	1/7/2019 12:39:00 AM	1,2-Diphenylhydrazine	n/a	<	0.25	µg/L	EPA 625	0.25	1	WKL	
ME-CC	2018/19-2	Wet	11/30/2018 5:25:00 AM	1/7/2019 12:39:00 AM	1,3-Dichlorobenzene	n/a	<	0.53	µg/L	EPA 625	0.53	1	WKL	
ME-CC	2018/19-2	Wet	11/30/2018 5:25:00 AM	1/7/2019 12:39:00 AM	1,4-Dichlorobenzene	n/a	<	0.55	µg/L	EPA 625	0.55	1	WKL	
ME-CC	2018/19-2	Wet	11/30/2018 5:25:00 AM	1/11/2019 8:14:00 PM	1-Methylnaphthalene	n/a	<	0.2	µg/L	EPA 8270C	0.2	0.2	WKL	
ME-CC	2018/19-2	Wet	11/30/2018 5:25:00 AM	1/11/2019 1:22:00 AM	2,4,5-Trichlorophenol	n/a	<	0.58	µg/L	EPA 8270C	0.58	2	WKL	
ME-CC	2018/19-2	Wet	11/30/2018 5:25:00 AM	1/7/2019 12:39:00 AM	2,4,6-Trichlorophenol	n/a	<	0.22	µg/L	EPA 625	0.22	1	WKL	
ME-CC	2018/19-2	Wet	11/30/2018 5:25:00 AM	1/11/2019 1:22:00 AM	2,4,6-Trichlorophenol	n/a	<	0.6	µg/L	EPA 8270C	0.6	2	WKL	
ME-CC	2018/19-2	Wet	11/30/2018 5:25:00 AM	1/11/2019 1:22:00 AM	2,4-Dichlorophenol	n/a	<	1	µg/L	EPA 8270C	1	2	WKL	
ME-CC	2018/19-2	Wet	11/30/2018 5:25:00 AM	1/7/2019 12:39:00 AM	2,4-Dichlorophenol	n/a	<	0.26	µg/L	EPA 625	0.26	1	WKL	
ME-CC	2018/19-2	Wet	11/30/2018 5:25:00 AM	1/7/2019 12:39:00 AM	2,4-Dimethylphenol	n/a	<	0.3	µg/L	EPA 625	0.3	1	WKL	
ME-CC	2018/19-2	Wet	11/30/2018 5:25:00 AM	1/11/2019 1:22:00 AM	2,4-Dimethylphenol	n/a	<	2	µg/L	EPA 8270C	2	4	WKL	
ME-CC	2018/19-2	Wet	11/30/2018 5:25:00 AM	1/7/2019 12:39:00 AM	2,4-Dinitrophenol	n/a	<	1.6	µg/L	EPA 625	1.6	10	WKL	
ME-CC	2018/19-2	Wet	11/30/2018 5:25:00 AM	1/11/2019 1:22:00 AM	2,4-Dinitrophenol	n/a	<	2	µg/L	EPA 8270C	2	4	WKL	
ME-CC	2018/19-2	Wet	11/30/2018 5:25:00 AM	1/7/2019 12:39:00 AM	2,4-Dinitrotoluene	n/a	<	0.18	µg/L	EPA 625	0.18	1	WKL	
ME-CC	2018/19-2	Wet	11/30/2018 5:25:00 AM	1/7/2019 12:39:00 AM	2,6-Dinitrotoluene	n/a	<	0.27	µg/L	EPA 625	0.27	1	WKL	
ME-CC	2018/19-2	Wet	11/30/2018 5:25:00 AM	1/7/2019 12:39:00 AM	2-Chloronaphthalene	n/a	<	0.45	µg/L	EPA 625	0.45	1	WKL	
ME-CC	2018/19-2	Wet	11/30/2018 5:25:00 AM	1/7/2019 12:39:00 AM	2-Chlorophenol	n/a	<	0.28	µg/L	EPA 625	0.28	1	WKL	
ME-CC	2018/19-2	Wet	11/30/2018 5:25:00 AM	1/11/2019 1:22:00 AM	2-Chlorophenol	n/a	<	1.3	µg/L	EPA 8270C	1.3	2	WKL	
ME-CC	2018/19-2	Wet	11/30/2018 5:25:00 AM	1/11/2019 8:14:00 PM	2-Methylnaphthalene	n/a	<	0.2	µg/L	EPA 8270C	0.2	0.2	WKL	
ME-CC	2018/19-2	Wet	11/30/2018 5:25:00 AM	1/11/2019 1:22:00 AM	2-Methylphenol	n/a	<	0.68	µg/L	EPA 8270C	0.68	2	WKL	
ME-CC	2018/19-2	Wet	11/30/2018 5:25:00 AM	1/11/2019 1:22:00 AM	2-Nitrophenol	n/a	<	1.4	µg/L	EPA 8270C	1.4	2	WKL	
ME-CC	2018/19-2	Wet	11/30/2018 5:25:00 AM	1/7/2019 12:39:00 AM	2-Nitrophenol	n/a	<	0.26	µg/L	EPA 625	0.26	1	WKL	

Appendix G
Laboratory Environmental Analysis Results

Site ID	Event	Event Type	Sample Date	Analysis Date	Constituent	Fraction	Sign	Result	Units	Method	MDL	Reporting Limit	Analyzing Laboratory	Qualifier
ME-CC	2018/19-2	Wet	11/30/2018 5:25:00 AM	1/7/2019 12:39:00 AM	3,3'-Dichlorobenzidine	n/a	<	1.2	µg/L	EPA 625	1.2	5	WKL	
ME-CC	2018/19-2	Wet	11/30/2018 5:25:00 AM	1/11/2019 1:22:00 AM	3-4-Methylphenol	n/a	<	0.6	µg/L	EPA 8270C	0.6	2	WKL	
ME-CC	2018/19-2	Wet	11/30/2018 5:25:00 AM	1/7/2019 12:39:00 AM	4,6-Dinitro-2-methylphenol	n/a	<	1.7	µg/L	EPA 625	1.7	5	WKL	
ME-CC	2018/19-2	Wet	11/30/2018 5:25:00 AM	1/11/2019 1:22:00 AM	4,6-Dinitro-2-methylphenol	n/a	DNQ	0.92	µg/L	EPA 8270C	0.28	2	WKL	
ME-CC	2018/19-2	Wet	11/30/2018 5:25:00 AM	1/7/2019 12:39:00 AM	4-Bromophenyl phenyl ether	n/a	<	0.36	µg/L	EPA 625	0.36	1	WKL	
ME-CC	2018/19-2	Wet	11/30/2018 5:25:00 AM	1/11/2019 1:22:00 AM	4-Chloro-3-methylphenol	n/a	<	0.74	µg/L	EPA 8270C	0.74	2	WKL	
ME-CC	2018/19-2	Wet	11/30/2018 5:25:00 AM	1/7/2019 12:39:00 AM	4-Chloro-3-methylphenol	n/a	<	0.23	µg/L	EPA 625	0.23	1	WKL	
ME-CC	2018/19-2	Wet	11/30/2018 5:25:00 AM	1/7/2019 12:39:00 AM	4-Chlorophenyl phenyl ether	n/a	<	0.41	µg/L	EPA 625	0.41	1	WKL	
ME-CC	2018/19-2	Wet	11/30/2018 5:25:00 AM	1/11/2019 1:22:00 AM	4-Nitrophenol	n/a	<	2	µg/L	EPA 8270C	2	4	WKL	
ME-CC	2018/19-2	Wet	11/30/2018 5:25:00 AM	1/7/2019 12:39:00 AM	4-Nitrophenol	n/a	<	0.45	µg/L	EPA 625	0.45	5	WKL	
ME-CC	2018/19-2	Wet	11/30/2018 5:25:00 AM	1/11/2019 8:14:00 PM	Acenaphthene	n/a	<	0.2	µg/L	EPA 8270C	0.2	0.2	WKL	
ME-CC	2018/19-2	Wet	11/30/2018 5:25:00 AM	1/7/2019 12:39:00 AM	Acenaphthene	n/a	<	0.38	µg/L	EPA 625	0.38	1	WKL	
ME-CC	2018/19-2	Wet	11/30/2018 5:25:00 AM	1/7/2019 12:39:00 AM	Acenaphthylene	n/a	<	0.4	µg/L	EPA 625	0.4	1	WKL	
ME-CC	2018/19-2	Wet	11/30/2018 5:25:00 AM	1/11/2019 8:14:00 PM	Acenaphthylene	n/a	<	0.2	µg/L	EPA 8270C	0.2	0.2	WKL	
ME-CC	2018/19-2	Wet	11/30/2018 5:25:00 AM	1/11/2019 8:14:00 PM	Anthracene	n/a	<	0.2	µg/L	EPA 8270C	0.2	0.2	WKL	
ME-CC	2018/19-2	Wet	11/30/2018 5:25:00 AM	1/7/2019 12:39:00 AM	Anthracene	n/a	<	0.34	µg/L	EPA 625	0.34	1	WKL	
ME-CC	2018/19-2	Wet	11/30/2018 5:25:00 AM	1/11/2019 8:14:00 PM	Benz(a)anthracene	n/a	<	0.2	µg/L	EPA 8270C	0.2	0.2	WKL	
ME-CC	2018/19-2	Wet	11/30/2018 5:25:00 AM	1/7/2019 12:39:00 AM	Benz(a)anthracene	n/a	<	0.19	µg/L	EPA 625	0.19	1	WKL	
ME-CC	2018/19-2	Wet	11/30/2018 5:25:00 AM	1/7/2019 12:39:00 AM	Benidine	n/a	<	3.7	µg/L	EPA 625	3.7	10	WKL	
ME-CC	2018/19-2	Wet	11/30/2018 5:25:00 AM	1/11/2019 8:14:00 PM	Benzo(a)pyrene	n/a	<	0.2	µg/L	EPA 8270C	0.2	0.2	WKL	
ME-CC	2018/19-2	Wet	11/30/2018 5:25:00 AM	12/19/2018 3:43:00 AM	Benzo(a)pyrene	n/a	<	0.07	µg/L	EPA 525.2	0.07	0.1	WKL	
ME-CC	2018/19-2	Wet	11/30/2018 5:25:00 AM	1/7/2019 12:39:00 AM	Benzo(a)pyrene	n/a	<	0.13	µg/L	EPA 625	0.13	1	WKL	
ME-CC	2018/19-2	Wet	11/30/2018 5:25:00 AM	1/7/2019 12:39:00 AM	Benzo(b)fluoranthene	n/a	<	0.14	µg/L	EPA 625	0.14	1	WKL	
ME-CC	2018/19-2	Wet	11/30/2018 5:25:00 AM	1/11/2019 8:14:00 PM	Benzo(b)fluoranthene	n/a	<	0.2	µg/L	EPA 8270C	0.2	0.2	WKL	
ME-CC	2018/19-2	Wet	11/30/2018 5:25:00 AM	1/11/2019 8:14:00 PM	Benzo(g,h,i)perylene	n/a	<	0.2	µg/L	EPA 8270C	0.2	0.2	WKL	
ME-CC	2018/19-2	Wet	11/30/2018 5:25:00 AM	1/7/2019 12:39:00 AM	Benzo(g,h,i)perylene	n/a	<	0.1	µg/L	EPA 625	0.1	2	WKL	
ME-CC	2018/19-2	Wet	11/30/2018 5:25:00 AM	1/11/2019 8:14:00 PM	Benzo(k)fluoranthene	n/a	<	0.2	µg/L	EPA 8270C	0.2	0.2	WKL	
ME-CC	2018/19-2	Wet	11/30/2018 5:25:00 AM	1/7/2019 12:39:00 AM	Benzo(k)fluoranthene	n/a	<	0.22	µg/L	EPA 625	0.22	1	WKL	
ME-CC	2018/19-2	Wet	11/30/2018 5:25:00 AM	1/7/2019 12:39:00 AM	Bis(2-chloroethoxy)methane	n/a	<	0.25	µg/L	EPA 625	0.25	1	WKL	
ME-CC	2018/19-2	Wet	11/30/2018 5:25:00 AM	1/7/2019 12:39:00 AM	Bis(2-chloroethyl)ether	n/a	<	0.27	µg/L	EPA 625	0.27	1	WKL	
ME-CC	2018/19-2	Wet	11/30/2018 5:25:00 AM	1/7/2019 12:39:00 AM	Bis(2-chloroisopropyl)ether	n/a	<	0.38	µg/L	EPA 625	0.38	1	WKL	
ME-CC	2018/19-2	Wet	11/30/2018 5:25:00 AM	12/19/2018 3:43:00 AM	Bis(2-ethylhexyl)adipate	n/a	<	0.1	µg/L	EPA 525.2	0.1	5	WKL	
ME-CC	2018/19-2	Wet	11/30/2018 5:25:00 AM	12/19/2018 3:43:00 AM	Bis(2-ethylhexyl)phthalate	n/a	<	1.1	µg/L	EPA 525.2	1.1	3	WKL	
ME-CC	2018/19-2	Wet	11/30/2018 5:25:00 AM	1/7/2019 12:39:00 AM	Bis(2-ethylhexyl)phthalate	n/a	<	2.3	µg/L	EPA 625	2.3	5	WKL	
ME-CC	2018/19-2	Wet	11/30/2018 5:25:00 AM	1/7/2019 12:39:00 AM	Butyl benzyl phthalate	n/a	DNQ	0.2	µg/L	EPA 625	0.18	1	WKL	UL-MB
ME-CC	2018/19-2	Wet	11/30/2018 5:25:00 AM	1/11/2019 8:14:00 PM	Chrysene	n/a	<	0.2	µg/L	EPA 8270C	0.2	0.2	WKL	
ME-CC	2018/19-2	Wet	11/30/2018 5:25:00 AM	1/7/2019 12:39:00 AM	Chrysene	n/a	<	0.19	µg/L	EPA 625	0.19	1	WKL	
ME-CC	2018/19-2	Wet	11/30/2018 5:25:00 AM	1/7/2019 12:39:00 AM	Dibenz(a,h)anthracene	n/a	<	0.08	µg/L	EPA 625	0.08	2	WKL	
ME-CC	2018/19-2	Wet	11/30/2018 5:25:00 AM	1/11/2019 8:14:00 PM	Dibenz(a,h)anthracene	n/a	<	0.2	µg/L	EPA 8270C	0.2	0.2	WKL	
ME-CC	2018/19-2	Wet	11/30/2018 5:25:00 AM	1/7/2019 12:39:00 AM	Diethyl phthalate	n/a	<	0.15	µg/L	EPA 625	0.15	1	WKL	
ME-CC	2018/19-2	Wet	11/30/2018 5:25:00 AM	1/7/2019 12:39:00 AM	Dimethyl phthalate	n/a	<	0.18	µg/L	EPA 625	0.18	1	WKL	
ME-CC	2018/19-2	Wet	11/30/2018 5:25:00 AM	1/7/2019 12:39:00 AM	Di-n-butylphthalate	n/a	<	0.24	µg/L	EPA 625	0.24	1	WKL	
ME-CC	2018/19-2	Wet	11/30/2018 5:25:00 AM	1/7/2019 12:39:00 AM	Di-n-octylphthalate	n/a	<	0.19	µg/L	EPA 625	0.19	1	WKL	
ME-CC	2018/19-2	Wet	11/30/2018 5:25:00 AM	1/11/2019 8:14:00 PM	Fluoranthene	n/a	<	0.2	µg/L	EPA 8270C	0.2	0.2	WKL	
ME-CC	2018/19-2	Wet	11/30/2018 5:25:00 AM	1/7/2019 12:39:00 AM	Fluoranthene	n/a	<	0.22	µg/L	EPA 625	0.22	1	WKL	
ME-CC	2018/19-2	Wet	11/30/2018 5:25:00 AM	1/11/2019 8:14:00 PM	Fluorene	n/a	<	0.2	µg/L	EPA 8270C	0.2	0.2	WKL	
ME-CC	2018/19-2	Wet	11/30/2018 5:25:00 AM	1/7/2019 12:39:00 AM	Fluorene	n/a	<	0.35	µg/L	EPA 625	0.35	1	WKL	
ME-CC	2018/19-2	Wet	11/30/2018 5:25:00 AM	1/7/2019 12:39:00 AM	Hexachlorobenzene	n/a	<	0.49	µg/L	EPA 625	0.49	1	WKL	

Appendix G
Laboratory Environmental Analysis Results

Site ID	Event	Event Type	Sample Date	Analysis Date	Constituent	Fraction	Sign	Result	Units	Method	MDL	Reporting Limit	Analyzing Laboratory	Qualifier
ME-CC	2018/19-2	Wet	11/30/2018 5:25:00 AM	1/7/2019 12:39:00 AM	Hexachlorobutadiene	n/a	<	0.47	µg/L	EPA 625	0.47	1	WKL	
ME-CC	2018/19-2	Wet	11/30/2018 5:25:00 AM	1/7/2019 12:39:00 AM	Hexachlorocyclopentadiene	n/a	<	1.5	µg/L	EPA 625	1.5	5	WKL	
ME-CC	2018/19-2	Wet	11/30/2018 5:25:00 AM	1/7/2019 12:39:00 AM	Hexachloroethane	n/a	<	0.52	µg/L	EPA 625	0.52	1	WKL	
ME-CC	2018/19-2	Wet	11/30/2018 5:25:00 AM	1/11/2019 8:14:00 PM	Indeno(1,2,3-cd)pyrene	n/a	<	0.2	µg/L	EPA 8270C	0.2	0.2	WKL	
ME-CC	2018/19-2	Wet	11/30/2018 5:25:00 AM	1/7/2019 12:39:00 AM	Indeno(1,2,3-cd)pyrene	n/a	<	0.12	µg/L	EPA 625	0.12	2	WKL	
ME-CC	2018/19-2	Wet	11/30/2018 5:25:00 AM	1/7/2019 12:39:00 AM	Isophorone	n/a	<	0.21	µg/L	EPA 625	0.21	1	WKL	
ME-CC	2018/19-2	Wet	11/30/2018 5:25:00 AM	1/11/2019 8:14:00 PM	Naphthalene	n/a	<	0.2	µg/L	EPA 8270C	0.2	0.2	WKL	
ME-CC	2018/19-2	Wet	11/30/2018 5:25:00 AM	1/7/2019 12:39:00 AM	Naphthalene	n/a	<	0.49	µg/L	EPA 625	0.49	1	WKL	
ME-CC	2018/19-2	Wet	11/30/2018 5:25:00 AM	1/7/2019 12:39:00 AM	Nitrobenzene	n/a	<	0.36	µg/L	EPA 625	0.36	1	WKL	
ME-CC	2018/19-2	Wet	11/30/2018 5:25:00 AM	1/7/2019 12:39:00 AM	N-Nitrosodimethylamine	n/a	<	0.14	µg/L	EPA 625	0.14	1	WKL	
ME-CC	2018/19-2	Wet	11/30/2018 5:25:00 AM	1/7/2019 12:39:00 AM	N-Nitrosodi-N-propylamine	n/a	<	0.26	µg/L	EPA 625	0.26	1	WKL	
ME-CC	2018/19-2	Wet	11/30/2018 5:25:00 AM	1/7/2019 12:39:00 AM	N-Nitrosodiphenylamine	n/a	<	0.19	µg/L	EPA 625	0.19	1	WKL	
ME-CC	2018/19-2	Wet	11/30/2018 5:25:00 AM	1/11/2019 8:14:00 PM	Phenanthrene	n/a	<	0.2	µg/L	EPA 8270C	0.2	0.2	WKL	
ME-CC	2018/19-2	Wet	11/30/2018 5:25:00 AM	1/7/2019 12:39:00 AM	Phenanthrene	n/a	<	0.32	µg/L	EPA 625	0.32	1	WKL	
ME-CC	2018/19-2	Wet	11/30/2018 5:25:00 AM	1/7/2019 12:39:00 AM	Phenol	n/a	<	0.16	µg/L	EPA 625	0.16	1	WKL	
ME-CC	2018/19-2	Wet	11/30/2018 5:25:00 AM	1/11/2019 1:22:00 AM	Phenol	n/a	<	0.7	µg/L	EPA 8270C	0.7	2	WKL	
ME-CC	2018/19-2	Wet	11/30/2018 5:25:00 AM	1/11/2019 8:14:00 PM	Pyrene	n/a	<	0.2	µg/L	EPA 8270C	0.2	0.2	WKL	
ME-CC	2018/19-2	Wet	11/30/2018 5:25:00 AM	1/7/2019 12:39:00 AM	Pyrene	n/a	<	0.25	µg/L	EPA 625	0.25	1	WKL	
ME-CC	2018/19-2	Wet	11/30/2018 5:25:00 AM	1/12/2019 6:26:00 AM	PCB Aroclor 1016	n/a	<	0.5	µg/L	EPA 608	0.5	5	WKL	
ME-CC	2018/19-2	Wet	11/30/2018 5:25:00 AM	1/12/2019 6:26:00 AM	PCB Aroclor 1221	n/a	<	0.6	µg/L	EPA 608	0.6	5	WKL	
ME-CC	2018/19-2	Wet	11/30/2018 5:25:00 AM	1/12/2019 6:26:00 AM	PCB Aroclor 1232	n/a	<	1.5	µg/L	EPA 608	1.5	5	WKL	
ME-CC	2018/19-2	Wet	11/30/2018 5:25:00 AM	1/12/2019 6:26:00 AM	PCB Aroclor 1242	n/a	<	0.7	µg/L	EPA 608	0.7	5	WKL	
ME-CC	2018/19-2	Wet	11/30/2018 5:25:00 AM	1/12/2019 6:26:00 AM	PCB Aroclor 1248	n/a	<	0.6	µg/L	EPA 608	0.6	5	WKL	
ME-CC	2018/19-2	Wet	11/30/2018 5:25:00 AM	1/12/2019 6:26:00 AM	PCB Aroclor 1254	n/a	<	0.4	µg/L	EPA 608	0.4	5	WKL	
ME-CC	2018/19-2	Wet	11/30/2018 5:25:00 AM	1/12/2019 6:26:00 AM	PCB Aroclor 1260	n/a	<	0.4	µg/L	EPA 608	0.4	5	WKL	
ME-CC	2018/19-2	Wet	11/30/2018 5:25:00 AM	12/19/2018 11:02:00 AM	2,4,5-T	n/a	<	0.07	µg/L	EPA 515.3	0.07	0.2	WKL	
ME-CC	2018/19-2	Wet	11/30/2018 5:25:00 AM	12/19/2018 11:02:00 AM	2,4,5-TP	n/a	<	0.09	µg/L	EPA 515.3	0.09	0.2	WKL	
ME-CC	2018/19-2	Wet	11/30/2018 5:25:00 AM	12/19/2018 11:02:00 AM	2,4-D	n/a	<	0.07	µg/L	EPA 515.3	0.07	0.4	WKL	
ME-CC	2018/19-2	Wet	11/30/2018 5:25:00 AM	12/19/2018 11:02:00 AM	2,4-DB	n/a	DNQ	0.32	µg/L	EPA 515.3	0.07	2	WKL	
ME-CC	2018/19-2	Wet	11/30/2018 5:25:00 AM	12/19/2018 11:02:00 AM	3,5-Dichlorobenzoic acid	n/a	<	0.09	µg/L	EPA 515.3	0.09	1	WKL	
ME-CC	2018/19-2	Wet	11/30/2018 5:25:00 AM	1/12/2019 6:26:00 AM	4,4'-DDD	n/a	<	0.03	µg/L	EPA 608	0.03	0.5	WKL	
ME-CC	2018/19-2	Wet	11/30/2018 5:25:00 AM	1/12/2019 6:26:00 AM	4,4'-DDE	n/a	<	0.025	µg/L	EPA 608	0.025	0.5	WKL	
ME-CC	2018/19-2	Wet	11/30/2018 5:25:00 AM	1/12/2019 6:26:00 AM	4,4'-DDT	n/a	<	0.031	µg/L	EPA 608	0.031	0.1	WKL	
ME-CC	2018/19-2	Wet	11/30/2018 5:25:00 AM	12/19/2018 11:02:00 AM	Acifluorfen	n/a	<	0.06	µg/L	EPA 515.3	0.06	0.4	WKL	
ME-CC	2018/19-2	Wet	11/30/2018 5:25:00 AM	12/19/2018 3:43:00 AM	Alachlor	n/a	<	0.022	µg/L	EPA 525.2	0.022	0.1	WKL	
ME-CC	2018/19-2	Wet	11/30/2018 5:25:00 AM	1/12/2019 6:26:00 AM	Aldrin	n/a	<	0.015	µg/L	EPA 608	0.015	0.05	WKL	
ME-CC	2018/19-2	Wet	11/30/2018 5:25:00 AM	1/12/2019 6:26:00 AM	alpha-BHC	n/a	<	0.018	µg/L	EPA 608	0.018	0.1	WKL	
ME-CC	2018/19-2	Wet	11/30/2018 5:25:00 AM	1/12/2019 6:26:00 AM	alpha-Chlordane	n/a	<	0.041	µg/L	EPA 608	0.041	0.1	WKL	
ME-CC	2018/19-2	Wet	11/30/2018 5:25:00 AM	12/19/2018 3:43:00 AM	Atrazine	n/a	<	0.034	µg/L	EPA 525.2	0.034	0.1	WKL	
ME-CC	2018/19-2	Wet	11/30/2018 5:25:00 AM	12/20/2018 2:08:00 AM	Azinphos methyl	n/a	<	0.0055	µg/L	EPA 525.2m	0.0055	0.01	WKL	
ME-CC	2018/19-2	Wet	11/30/2018 5:25:00 AM	12/19/2018 11:02:00 AM	Bentazon	n/a	<	0.11	µg/L	EPA 515.3	0.11	2	WKL	
ME-CC	2018/19-2	Wet	11/30/2018 5:25:00 AM	1/12/2019 6:26:00 AM	beta-BHC	n/a	<	0.031	µg/L	EPA 608	0.031	0.05	WKL	
ME-CC	2018/19-2	Wet	11/30/2018 5:25:00 AM	12/20/2018 2:08:00 AM	Bolstar	n/a	<	0.0046	µg/L	EPA 525.2m	0.0046	0.01	WKL	
ME-CC	2018/19-2	Wet	11/30/2018 5:25:00 AM	12/19/2018 3:43:00 AM	Bromacil	n/a	<	0.038	µg/L	EPA 525.2	0.038	1	WKL	
ME-CC	2018/19-2	Wet	11/30/2018 5:25:00 AM	12/19/2018 3:43:00 AM	Butachlor	n/a	<	0.017	µg/L	EPA 525.2	0.017	0.2	WKL	
ME-CC	2018/19-2	Wet	11/30/2018 5:25:00 AM	12/19/2018 3:43:00 AM	Captan	n/a	<	0.86	µg/L	EPA 525.2	0.86	1	WKL	LB-LCSR
ME-CC	2018/19-2	Wet	11/30/2018 5:25:00 AM	1/12/2019 6:26:00 AM	Chlordane (technical)	n/a	<	0.8	µg/L	EPA 608	0.8	1	WKL	
ME-CC	2018/19-2	Wet	11/30/2018 5:25:00 AM	12/19/2018 3:43:00 AM	Chloropropham	n/a	<	0.01	µg/L	EPA 525.2	0.01	0.1	WKL	

Appendix G
Laboratory Environmental Analysis Results

Site ID	Event	Event Type	Sample Date	Analysis Date	Constituent	Fraction	Sign	Result	Units	Method	MDL	Reporting Limit	Analyzing Laboratory	Qualifier
ME-CC	2018/19-2	Wet	11/30/2018 5:25:00 AM	12/20/2018 2:08:00 AM	Chlorpyrifos	n/a	<	0.0069	µg/L	EPA 525.2m	0.0069	0.01	WKL	
ME-CC	2018/19-2	Wet	11/30/2018 5:25:00 AM	12/20/2018 2:08:00 AM	Coumaphos	n/a	<	0.0051	µg/L	EPA 525.2m	0.0051	0.01	WKL	
ME-CC	2018/19-2	Wet	11/30/2018 5:25:00 AM	12/19/2018 3:43:00 AM	Cyanazine	n/a	<	0.024	µg/L	EPA 525.2	0.024	0.1	WKL	
ME-CC	2018/19-2	Wet	11/30/2018 5:25:00 AM	12/19/2018 11:02:00 AM	Dalapon	n/a	<	0.1	µg/L	EPA 515.3	0.1	0.4	WKL	
ME-CC	2018/19-2	Wet	11/30/2018 5:25:00 AM	12/19/2018 11:02:00 AM	DCPA (Dacthal)	n/a	=	0.6	µg/L	EPA 515.3	0.07	0.1	WKL	
ME-CC	2018/19-2	Wet	11/30/2018 5:25:00 AM	1/12/2019 6:26:00 AM	delta-BHC	n/a	<	0.025	µg/L	EPA 608	0.025	0.05	WKL	
ME-CC	2018/19-2	Wet	11/30/2018 5:25:00 AM	12/20/2018 2:08:00 AM	Demeton-O	n/a	<	0.01	µg/L	EPA 525.2m	0.01	0.01	WKL	
ME-CC	2018/19-2	Wet	11/30/2018 5:25:00 AM	12/20/2018 2:08:00 AM	Demeton-S	n/a	<	0.01	µg/L	EPA 525.2m	0.01	0.01	WKL	
ME-CC	2018/19-2	Wet	11/30/2018 5:25:00 AM	12/19/2018 3:43:00 AM	Diazinon	n/a	<	0.096	µg/L	EPA 525.2	0.096	0.1	WKL	
ME-CC	2018/19-2	Wet	11/30/2018 5:25:00 AM	12/20/2018 2:08:00 AM	Diazinon	n/a	<	0.0052	µg/L	EPA 525.2m	0.0052	0.01	WKL	
ME-CC	2018/19-2	Wet	11/30/2018 5:25:00 AM	12/19/2018 11:02:00 AM	Dicamba	n/a	<	0.12	µg/L	EPA 515.3	0.12	0.6	WKL	
ME-CC	2018/19-2	Wet	11/30/2018 5:25:00 AM	12/19/2018 11:02:00 AM	Dichlorprop	n/a	<	0.08	µg/L	EPA 515.3	0.08	0.3	WKL	
ME-CC	2018/19-2	Wet	11/30/2018 5:25:00 AM	12/20/2018 2:08:00 AM	Dichlorvos	n/a	<	0.0029	µg/L	EPA 525.2m	0.0029	0.01	WKL	
ME-CC	2018/19-2	Wet	11/30/2018 5:25:00 AM	1/12/2019 6:26:00 AM	Dieldrin	n/a	<	0.021	µg/L	EPA 608	0.021	0.1	WKL	
ME-CC	2018/19-2	Wet	11/30/2018 5:25:00 AM	12/20/2018 2:08:00 AM	Dimethoate	n/a	<	0.0062	µg/L	EPA 525.2m	0.0062	0.01	WKL	
ME-CC	2018/19-2	Wet	11/30/2018 5:25:00 AM	12/19/2018 3:43:00 AM	Dimethoate	n/a	<	0.024	µg/L	EPA 525.2	0.024	0.2	WKL	
ME-CC	2018/19-2	Wet	11/30/2018 5:25:00 AM	12/19/2018 11:02:00 AM	Dinoseb	n/a	<	0.14	µg/L	EPA 515.3	0.14	0.4	WKL	
ME-CC	2018/19-2	Wet	11/30/2018 5:25:00 AM	12/19/2018 3:43:00 AM	Diphenamid	n/a	<	0.024	µg/L	EPA 525.2	0.024	0.1	WKL	
ME-CC	2018/19-2	Wet	11/30/2018 5:25:00 AM	12/20/2018 2:08:00 AM	Disulfoton	n/a	<	0.01	µg/L	EPA 525.2m	0.01	0.01	WKL	
ME-CC	2018/19-2	Wet	11/30/2018 5:25:00 AM	12/19/2018 3:43:00 AM	Disulfoton	n/a	<	0.031	µg/L	EPA 525.2	0.031	0.1	WKL	
ME-CC	2018/19-2	Wet	11/30/2018 5:25:00 AM	1/12/2019 6:26:00 AM	Endosulfan I	n/a	<	0.017	µg/L	EPA 608	0.017	0.2	WKL	
ME-CC	2018/19-2	Wet	11/30/2018 5:25:00 AM	1/12/2019 6:26:00 AM	Endosulfan II	n/a	<	0.019	µg/L	EPA 608	0.019	0.1	WKL	
ME-CC	2018/19-2	Wet	11/30/2018 5:25:00 AM	1/12/2019 6:26:00 AM	Endosulfan sulfate	n/a	<	0.08	µg/L	EPA 608	0.08	0.5	WKL	
ME-CC	2018/19-2	Wet	11/30/2018 5:25:00 AM	1/12/2019 6:26:00 AM	Endrin	n/a	<	0.028	µg/L	EPA 608	0.028	0.1	WKL	
ME-CC	2018/19-2	Wet	11/30/2018 5:25:00 AM	1/12/2019 6:26:00 AM	Endrin aldehyde	n/a	<	0.03	µg/L	EPA 608	0.03	0.1	WKL	
ME-CC	2018/19-2	Wet	11/30/2018 5:25:00 AM	12/19/2018 3:43:00 AM	EPTC	n/a	<	0.017	µg/L	EPA 525.2	0.017	1	WKL	
ME-CC	2018/19-2	Wet	11/30/2018 5:25:00 AM	12/20/2018 2:08:00 AM	Ethoprop	n/a	<	0.0067	µg/L	EPA 525.2m	0.0067	0.01	WKL	
ME-CC	2018/19-2	Wet	11/30/2018 5:25:00 AM	12/20/2018 2:08:00 AM	Ethyl parathion	n/a	<	0.0054	µg/L	EPA 525.2m	0.0054	0.01	WKL	
ME-CC	2018/19-2	Wet	11/30/2018 5:25:00 AM	12/20/2018 2:08:00 AM	Fensulfthion	n/a	<	0.0029	µg/L	EPA 525.2m	0.0029	0.01	WKL	
ME-CC	2018/19-2	Wet	11/30/2018 5:25:00 AM	12/20/2018 2:08:00 AM	Fenthion	n/a	<	0.0038	µg/L	EPA 525.2m	0.0038	0.01	WKL	
ME-CC	2018/19-2	Wet	11/30/2018 5:25:00 AM	1/12/2019 6:26:00 AM	gamma-BHC (Lindane)	n/a	<	0.021	µg/L	EPA 608	0.021	0.2	WKL	
ME-CC	2018/19-2	Wet	11/30/2018 5:25:00 AM	1/12/2019 6:26:00 AM	gamma-Chlordane	n/a	<	0.044	µg/L	EPA 608	0.044	0.1	WKL	
ME-CC	2018/19-2	Wet	11/30/2018 5:25:00 AM	12/10/2018 5:29:00 PM	Glyphosate	n/a	=	12	µg/L	EPA 547	1.8	5	WKL	
ME-CC	2018/19-2	Wet	11/30/2018 5:25:00 AM	1/12/2019 6:26:00 AM	Heptachlor	n/a	<	0.017	µg/L	EPA 608	0.017	0.1	WKL	
ME-CC	2018/19-2	Wet	11/30/2018 5:25:00 AM	1/12/2019 6:26:00 AM	Heptachlor epoxide	n/a	<	0.019	µg/L	EPA 608	0.019	0.1	WKL	
ME-CC	2018/19-2	Wet	11/30/2018 5:25:00 AM	12/20/2018 2:08:00 AM	Malathion	n/a	=	0.025	µg/L	EPA 525.2m	0.0076	0.01	WKL	
ME-CC	2018/19-2	Wet	11/30/2018 5:25:00 AM	12/20/2018 2:08:00 AM	Merphos	n/a	<	0.0058	µg/L	EPA 525.2m	0.0058	0.01	WKL	
ME-CC	2018/19-2	Wet	11/30/2018 5:25:00 AM	1/12/2019 6:26:00 AM	Methoxychlor	n/a	<	0.054	µg/L	EPA 608	0.054	0.2	WKL	
ME-CC	2018/19-2	Wet	11/30/2018 5:25:00 AM	12/20/2018 2:08:00 AM	Methyl parathion	n/a	<	0.0063	µg/L	EPA 525.2m	0.0063	0.01	WKL	
ME-CC	2018/19-2	Wet	11/30/2018 5:25:00 AM	12/19/2018 3:43:00 AM	Metolachlor	n/a	<	0.012	µg/L	EPA 525.2	0.012	0.1	WKL	
ME-CC	2018/19-2	Wet	11/30/2018 5:25:00 AM	12/19/2018 3:43:00 AM	Metribuzin	n/a	<	0.015	µg/L	EPA 525.2	0.015	0.1	WKL	
ME-CC	2018/19-2	Wet	11/30/2018 5:25:00 AM	12/20/2018 2:08:00 AM	Mevinphos	n/a	<	0.0042	µg/L	EPA 525.2m	0.0042	0.01	WKL	
ME-CC	2018/19-2	Wet	11/30/2018 5:25:00 AM	12/19/2018 3:43:00 AM	Molinate	n/a	<	0.039	µg/L	EPA 525.2	0.039	0.1	WKL	
ME-CC	2018/19-2	Wet	11/30/2018 5:25:00 AM	12/20/2018 2:08:00 AM	Naled	n/a	<	0.0076	µg/L	EPA 525.2m	0.0076	0.01	WKL	
ME-CC	2018/19-2	Wet	11/30/2018 5:25:00 AM	1/7/2019 12:39:00 AM	Pentachlorophenol	n/a	DNQ	0.57	µg/L	EPA 625	0.19	1	WKL	
ME-CC	2018/19-2	Wet	11/30/2018 5:25:00 AM	1/11/2019 1:22:00 AM	Pentachlorophenol	n/a	DNQ	1	µg/L	EPA 8270C	0.3	2	WKL	UL-MB
ME-CC	2018/19-2	Wet	11/30/2018 5:25:00 AM	12/19/2018 11:02:00 AM	Pentachlorophenol	n/a	DNQ	0.11	µg/L	EPA 515.3	0.04	0.2	WKL	
ME-CC	2018/19-2	Wet	11/30/2018 5:25:00 AM	12/20/2018 2:08:00 AM	Phorate	n/a	<	0.003	µg/L	EPA 525.2m	0.003	0.01	WKL	

Appendix G
Laboratory Environmental Analysis Results

Site ID	Event	Event Type	Sample Date	Analysis Date	Constituent	Fraction	Sign	Result	Units	Method	MDL	Reporting Limit	Analyzing Laboratory	Qualifier
ME-CC	2018/19-2	Wet	11/30/2018 5:25:00 AM	12/19/2018 11:02:00 AM	Picloram	n/a	<	0.05	µg/L	EPA 515.3	0.05	0.6	WKL	
ME-CC	2018/19-2	Wet	11/30/2018 5:25:00 AM	12/19/2018 3:43:00 AM	Prometon	n/a	<	0.024	µg/L	EPA 525.2	0.024	0.2	WKL	
ME-CC	2018/19-2	Wet	11/30/2018 5:25:00 AM	12/19/2018 3:43:00 AM	Prometryn	n/a	<	0.036	µg/L	EPA 525.2	0.036	0.1	WKL	
ME-CC	2018/19-2	Wet	11/30/2018 5:25:00 AM	12/20/2018 2:08:00 AM	Ronnel (Fenchlorphos)	n/a	<	0.0041	µg/L	EPA 525.2m	0.0041	0.01	WKL	
ME-CC	2018/19-2	Wet	11/30/2018 5:25:00 AM	12/19/2018 3:43:00 AM	Simazine	n/a	<	0.015	µg/L	EPA 525.2	0.015	0.1	WKL	
ME-CC	2018/19-2	Wet	11/30/2018 5:25:00 AM	12/20/2018 2:08:00 AM	Stirophos (Tetrachlorvinphos)	n/a	<	0.0031	µg/L	EPA 525.2m	0.0031	0.01	WKL	
ME-CC	2018/19-2	Wet	11/30/2018 5:25:00 AM	12/19/2018 3:43:00 AM	Terbacil	n/a	<	0.55	µg/L	EPA 525.2	0.55	2	WKL	
ME-CC	2018/19-2	Wet	11/30/2018 5:25:00 AM	12/19/2018 3:43:00 AM	Thiobencarb	n/a	<	0.025	µg/L	EPA 525.2	0.025	0.2	WKL	
ME-CC	2018/19-2	Wet	11/30/2018 5:25:00 AM	12/20/2018 2:08:00 AM	Tokuthion	n/a	<	0.0078	µg/L	EPA 525.2m	0.0078	0.01	WKL	
ME-CC	2018/19-2	Wet	11/30/2018 5:25:00 AM	1/12/2019 6:26:00 AM	Toxaphene	n/a	<	1.2	µg/L	EPA 608	1.2	5	WKL	
ME-CC	2018/19-2	Wet	11/30/2018 5:25:00 AM	12/20/2018 2:08:00 AM	Trichloronate	n/a	<	0.0067	µg/L	EPA 525.2m	0.0067	0.01	WKL	
ME-CC	2018/19-2	Wet	11/30/2018 5:25:00 AM	12/19/2018 3:43:00 AM	Trithion	n/a	<	0.012	µg/L	EPA 525.2	0.012	0.1	WKL	
ME-CC	2018/19-3	Wet	1/5/2019 8:27:00 PM	1/6/2019 5:20:00 PM	E. Coli	n/a	=	3255	MPN/100 mL	MMO-MUG	10	10	VCHCA	
ME-CC	2018/19-3	Wet	1/5/2019 8:27:00 PM	1/6/2019 5:20:00 PM	Total Coliform	n/a	=	120330	MPN/100 mL	MMO-MUG	100	100	VCHCA	
ME-CC	2018/19-3	Wet	1/5/2019 8:27:00 PM	1/5/2019 8:27:00 PM	Conductivity	n/a	=	359.1	µmhos/cm	Field Meter	-88	1	Field Crew	
ME-CC	2018/19-3	Wet	1/5/2019 8:27:00 PM	1/11/2019 4:34:00 PM	Cyanide	Total	=	0.0055	mg/L	ASTM D7511	0.0005	0.002	WKL	
ME-CC	2018/19-3	Wet	1/5/2019 8:27:00 PM	1/5/2019 8:27:00 PM	DO	n/a	=	82.6	%	Field Meter	-88	0.1	Field Crew	
ME-CC	2018/19-3	Wet	1/5/2019 8:27:00 PM	1/5/2019 8:27:00 PM	DO	n/a	=	9.01	mg/L	Field Meter	-88	0.3	Field Crew	
ME-CC	2018/19-3	Wet	1/5/2019 8:27:00 PM	1/5/2019 8:27:00 PM	pH	n/a	*	6.85	pH Units	Field Meter	-88	0.01	Field Crew	EST
ME-CC	2018/19-3	Wet	1/5/2019 8:27:00 PM	1/5/2019 8:27:00 PM	Salinity	n/a	=	200	mg/L	Field Meter	-88	100	Field Crew	
ME-CC	2018/19-3	Wet	1/5/2019 8:27:00 PM	1/5/2019 8:27:00 PM	Specific Conductance	n/a	=	474.8	µmhos/cm	Field Meter	-88	1	Field Crew	
ME-CC	2018/19-3	Wet	1/5/2019 8:27:00 PM	1/5/2019 8:27:00 PM	Temperature	n/a	=	11.7	°C	Field Meter	-88	0.1	Field Crew	
ME-CC	2018/19-3	Wet	1/5/2019 8:27:00 PM	1/12/2019 5:51:00 AM	Gasoline Range Organics	n/a	<	0.012	mg/L	LUFT GC/MS	0.012	0.1	WKL	
ME-CC	2018/19-3	Wet	1/5/2019 8:27:00 PM	1/11/2019 3:00:00 PM	Oil and Grease	n/a	<	1.3	mg/L	EPA 1664A	1.3	5	WKL	
ME-CC	2018/19-3	Wet	1/5/2019 8:27:00 PM	1/8/2019 5:07:00 PM	2-Chloroethyl vinyl ether	n/a	<	0.28	µg/L	EPA 624	0.28	1	WKL	
ME-CC	2018/19-3	Wet	1/5/2019 8:27:00 PM	1/8/2019 5:07:00 PM	Methyl tert-butyl ether (MTBE)	n/a	<	0.25	µg/L	EPA 624	0.25	1	WKL	
ME-CC	2018/19-3	Wet	1/6/2019 9:25:00 AM	1/15/2019 10:00:00 PM	Chloride	n/a	=	70	mg/L	EPA 300.0	0.5	2.5	WKL	
ME-CC	2018/19-3	Wet	1/6/2019 9:25:00 AM	1/15/2019 10:00:00 PM	Fluoride	n/a	DNQ	0.2	mg/L	EPA 300.0	0.1	0.5	WKL	
ME-CC	2018/19-3	Wet	1/6/2019 9:25:00 AM	1/9/2019 3:43:00 AM	Perchlorate	n/a	<	0.95	µg/L	EPA 314.0	0.95	2	WKL	
ME-CC	2018/19-3	Wet	1/6/2019 9:25:00 AM	1/15/2019 10:00:00 PM	Sulfate	Total	=	76	mg/L	EPA 300.0	0.5	2.5	WKL	
ME-CC	2018/19-3	Wet	1/6/2019 9:25:00 AM	1/30/2019 9:50:00 PM	Calcium	Total	=	48.3	mg/L	EPA 200.7	0.032	0.2	WKL	
ME-CC	2018/19-3	Wet	1/6/2019 9:25:00 AM	1/30/2019 9:50:00 PM	Magnesium	Total	=	33.7	mg/L	EPA 200.7	0.024	0.2	WKL	
ME-CC	2018/19-3	Wet	1/6/2019 9:25:00 AM	1/30/2019 9:50:00 PM	Potassium	Total	=	12	mg/L	EPA 200.7	0.16	0.2	WKL	
ME-CC	2018/19-3	Wet	1/6/2019 9:25:00 AM	1/30/2019 9:50:00 PM	Sodium	Total	=	57	mg/L	EPA 200.7	0.03	1	WKL	
ME-CC	2018/19-3	Wet	1/6/2019 9:25:00 AM	1/11/2019 3:58:00 PM	Alkalinity as CaCO3	n/a	=	110	mg/L	SM 2320 B	0.56	2	WKL	
ME-CC	2018/19-3	Wet	1/6/2019 9:25:00 AM	1/12/2019 12:13:00 PM	BOD	n/a	=	13	mg/L	SM 5210 B	2	2	WKL	
ME-CC	2018/19-3	Wet	1/6/2019 9:25:00 AM	1/17/2019 11:30:00 AM	COD	n/a	=	85	mg/L	EPA 410.4	0.73	5	WKL	
ME-CC	2018/19-3	Wet	1/6/2019 9:25:00 AM	1/31/2019 4:14:00 AM	Dissolved Inorganic Carbon	Dissolved	=	23	mg/L	SM 5310 B	0.65	1	TestAmerica	
ME-CC	2018/19-3	Wet	1/6/2019 9:25:00 AM	1/31/2019 11:02:10 AM	Dissolved Organic Carbon	Dissolved	=	8	mg/L	SM 5310 B	0.65	1	TestAmerica	
ME-CC	2018/19-3	Wet	1/6/2019 9:25:00 AM	1/30/2019 9:50:00 PM	Hardness as CaCO3	Total	=	259	mg/L	EPA 200.7	0.179	1.32	WKL	
ME-CC	2018/19-3	Wet	1/6/2019 9:25:00 AM	1/7/2019 2:48:00 PM	MBAS	n/a	<	0.019	mg/L	SM 5540 C	0.019	0.05	WKL	
ME-CC	2018/19-3	Wet	1/6/2019 9:25:00 AM	2/2/2019 10:32:00 AM	Phenolics	n/a	=	0.024	mg/L	EPA 420.4	0.0042	0.01	WKL	
ME-CC	2018/19-3	Wet	1/6/2019 9:25:00 AM	1/16/2019 2:10:00 PM	Specific Conductance	n/a	=	630	µmhos/cm	SM 2510 B	0.23	2	WKL	
ME-CC	2018/19-3	Wet	1/6/2019 9:25:00 AM	1/7/2019 6:56:00 PM	Total Chlorine Residual	n/a	<	0.003	mg/L	SM 4500-Cl G	0.003	0.1	WKL	EST-HT
ME-CC	2018/19-3	Wet	1/6/2019 9:25:00 AM	1/10/2019 2:32:00 PM	Total Dissolved Solids	n/a	=	390	mg/L	SM 2540 C	4	10	WKL	
ME-CC	2018/19-3	Wet	1/6/2019 9:25:00 AM	1/31/2019 1:28:00 PM	Total Organic Carbon	n/a	=	7.8	mg/L	SM 5310 B	0.21	0.3	MCA	
ME-CC	2018/19-3	Wet	1/6/2019 9:25:00 AM	1/9/2019 1:40:00 PM	Total Suspended Solids	n/a	=	890	mg/L	SM 2540 D	-88	5	WKL	
ME-CC	2018/19-3	Wet	1/6/2019 9:25:00 AM	1/7/2019 11:44:00 AM	Turbidity	n/a	=	140	NTU	EPA 180.1	0.24	1	WKL	

Appendix G
Laboratory Environmental Analysis Results

Site ID	Event	Event Type	Sample Date	Analysis Date	Constituent	Fraction	Sign	Result	Units	Method	MDL	Reporting Limit	Analyzing Laboratory	Qualifier
ME-CC	2018/19-3	Wet	1/6/2019 9:25:00 AM	1/9/2019 1:40:00 PM	Volatile Suspended Solids	n/a	=	140	mg/L	EPA 160.4	3.1	5	WKL	
ME-CC	2018/19-3	Wet	1/6/2019 9:25:00 AM	1/22/2019 8:14:00 PM	Diesel Range Organics	n/a	DNQ	0.092	mg/L	EPA 8015D	0.024	0.1	WKL	UL-MB
ME-CC	2018/19-3	Wet	1/6/2019 9:25:00 AM	1/22/2019 8:14:00 PM	Oil Range Organics	n/a	<	0.33	mg/L	EPA 8015D	0.33	0.5	WKL	
ME-CC	2018/19-3	Wet	1/6/2019 9:25:00 AM	2/4/2019 5:58:00 PM	Aluminum	Dissolved	=	14	µg/L	EPA 200.8	1.3	5	WKL	
ME-CC	2018/19-3	Wet	1/6/2019 9:25:00 AM	2/4/2019 10:03:00 PM	Aluminum	Total	=	21000	µg/L	EPA 200.8	2.6	10	WKL	
ME-CC	2018/19-3	Wet	1/6/2019 9:25:00 AM	2/4/2019 5:58:00 PM	Antimony	Dissolved	DNQ	0.45	µg/L	EPA 200.8	0.045	0.5	WKL	
ME-CC	2018/19-3	Wet	1/6/2019 9:25:00 AM	2/4/2019 10:03:00 PM	Antimony	Total	DNQ	0.72	µg/L	EPA 200.8	0.09	1	WKL	
ME-CC	2018/19-3	Wet	1/6/2019 9:25:00 AM	2/4/2019 5:58:00 PM	Arsenic	Dissolved	=	2.3	µg/L	EPA 200.8	0.074	0.4	WKL	
ME-CC	2018/19-3	Wet	1/6/2019 9:25:00 AM	2/4/2019 10:03:00 PM	Arsenic	Total	=	5.5	µg/L	EPA 200.8	0.15	0.8	WKL	
ME-CC	2018/19-3	Wet	1/6/2019 9:25:00 AM	2/4/2019 10:03:00 PM	Barium	Total	=	110	µg/L	EPA 200.8	0.14	1	WKL	
ME-CC	2018/19-3	Wet	1/6/2019 9:25:00 AM	2/4/2019 5:58:00 PM	Beryllium	Dissolved	<	0.033	µg/L	EPA 200.8	0.033	0.1	WKL	
ME-CC	2018/19-3	Wet	1/6/2019 9:25:00 AM	2/4/2019 10:03:00 PM	Beryllium	Total	=	0.56	µg/L	EPA 200.8	0.066	0.2	WKL	
ME-CC	2018/19-3	Wet	1/6/2019 9:25:00 AM	2/4/2019 5:58:00 PM	Cadmium	Dissolved	=	0.13	µg/L	EPA 200.8	0.041	0.1	WKL	
ME-CC	2018/19-3	Wet	1/6/2019 9:25:00 AM	2/4/2019 10:03:00 PM	Cadmium	Total	=	0.8	µg/L	EPA 200.8	0.082	0.2	WKL	
ME-CC	2018/19-3	Wet	1/6/2019 9:25:00 AM	2/4/2019 5:58:00 PM	Chromium	Dissolved	=	0.23	µg/L	EPA 200.8	0.035	0.2	WKL	
ME-CC	2018/19-3	Wet	1/6/2019 9:25:00 AM	2/4/2019 10:03:00 PM	Chromium	Total	=	71	µg/L	EPA 200.8	0.07	0.4	WKL	
ME-CC	2018/19-3	Wet	1/6/2019 9:25:00 AM	1/18/2019 1:17:00 PM	Chromium VI	n/a	=	0.1	µg/L	EPA 218.6	0.0096	0.04	WKL	
ME-CC	2018/19-3	Wet	1/6/2019 9:25:00 AM	2/4/2019 10:03:00 PM	Copper	Dissolved	=	2.2	µg/L	EPA 200.8	0.13	0.5	WKL	
ME-CC	2018/19-3	Wet	1/6/2019 9:25:00 AM	2/4/2019 10:03:00 PM	Copper	Total	=	33	µg/L	EPA 200.8	0.26	1	WKL	
ME-CC	2018/19-3	Wet	1/6/2019 9:25:00 AM	1/30/2019 9:02:00 PM	Iron	Dissolved	=	33	µg/L	EPA 200.7	1.1	10	WKL	
ME-CC	2018/19-3	Wet	1/6/2019 9:25:00 AM	1/30/2019 9:50:00 PM	Iron	Total	=	31000	µg/L	EPA 200.7	2.2	20	WKL	
ME-CC	2018/19-3	Wet	1/6/2019 9:25:00 AM	2/4/2019 10:03:00 PM	Lead	Dissolved	DNQ	0.06	µg/L	EPA 200.8	0.031	0.2	WKL	
ME-CC	2018/19-3	Wet	1/6/2019 9:25:00 AM	2/4/2019 10:03:00 PM	Lead	Total	=	17	µg/L	EPA 200.8	0.062	0.4	WKL	
ME-CC	2018/19-3	Wet	1/6/2019 9:25:00 AM	1/10/2019 3:41:00 PM	Mercury	Dissolved	<	17	ng/L	EPA 245.1	17	50	WKL	
ME-CC	2018/19-3	Wet	1/6/2019 9:25:00 AM	1/10/2019 3:43:00 PM	Mercury	Total	DNQ	35	ng/L	EPA 245.1	17	50	WKL	
ME-CC	2018/19-3	Wet	1/6/2019 9:25:00 AM	2/4/2019 5:58:00 PM	Nickel	Dissolved	=	3.2	µg/L	EPA 200.8	0.045	0.8	WKL	
ME-CC	2018/19-3	Wet	1/6/2019 9:25:00 AM	2/4/2019 10:03:00 PM	Nickel	Total	=	57	µg/L	EPA 200.8	0.09	1.6	WKL	
ME-CC	2018/19-3	Wet	1/6/2019 9:25:00 AM	2/4/2019 5:58:00 PM	Selenium	Dissolved	=	0.59	µg/L	EPA 200.8	0.14	0.4	WKL	
ME-CC	2018/19-3	Wet	1/6/2019 9:25:00 AM	2/4/2019 10:03:00 PM	Selenium	Total	=	1.1	µg/L	EPA 200.8	0.28	0.8	WKL	
ME-CC	2018/19-3	Wet	1/6/2019 9:25:00 AM	2/4/2019 5:58:00 PM	Silver	Dissolved	<	0.062	µg/L	EPA 200.8	0.062	0.2	WKL	
ME-CC	2018/19-3	Wet	1/6/2019 9:25:00 AM	2/4/2019 10:03:00 PM	Silver	Total	DNQ	0.12	µg/L	EPA 200.8	0.12	0.4	WKL	
ME-CC	2018/19-3	Wet	1/6/2019 9:25:00 AM	2/4/2019 5:58:00 PM	Thallium	Dissolved	<	0.014	µg/L	EPA 200.8	0.014	0.2	WKL	
ME-CC	2018/19-3	Wet	1/6/2019 9:25:00 AM	2/4/2019 10:03:00 PM	Thallium	Total	DNQ	0.14	µg/L	EPA 200.8	0.028	0.4	WKL	
ME-CC	2018/19-3	Wet	1/6/2019 9:25:00 AM	2/4/2019 5:58:00 PM	Zinc	Dissolved	=	7.2	µg/L	EPA 200.8	0.94	5	WKL	
ME-CC	2018/19-3	Wet	1/6/2019 9:25:00 AM	2/4/2019 10:03:00 PM	Zinc	Total	=	110	µg/L	EPA 200.8	1.9	10	WKL	
ME-CC	2018/19-3	Wet	1/6/2019 9:25:00 AM	1/15/2019 6:47:00 PM	Ammonia as N	n/a	=	0.25	mg/L	EPA 350.1	0.048	0.1	WKL	
ME-CC	2018/19-3	Wet	1/6/2019 9:25:00 AM	1/7/2019 2:05:00 PM	Nitrate + Nitrite as N	n/a	=	3.4	mg/L	EPA 353.2	0.083	0.2	WKL	
ME-CC	2018/19-3	Wet	1/6/2019 9:25:00 AM	1/7/2019 2:05:00 PM	Nitrate as N	n/a	=	3.3	mg/L	EPA 353.2	0.083	0.2	WKL	
ME-CC	2018/19-3	Wet	1/6/2019 9:25:00 AM	1/17/2019 6:19:00 PM	Phosphorus as P	Dissolved	=	0.89	mg/L	EPA 200.7	0.012	0.02	WKL	
ME-CC	2018/19-3	Wet	1/6/2019 9:25:00 AM	1/17/2019 6:21:00 PM	Phosphorus as P	Total	=	2	mg/L	EPA 200.7	0.03	0.05	WKL	
ME-CC	2018/19-3	Wet	1/6/2019 9:25:00 AM	1/12/2019 1:50:00 PM	TKN	n/a	=	1.4	mg/L	EPA 351.2	0.05	0.1	WKL	
ME-CC	2018/19-3	Wet	1/6/2019 9:25:00 AM	1/30/2019 12:35:00 AM	1,2,4-Trichlorobenzene	n/a	<	0.55	µg/L	EPA 625	0.55	1	WKL	
ME-CC	2018/19-3	Wet	1/6/2019 9:25:00 AM	1/30/2019 12:35:00 AM	1,2-Dichlorobenzene	n/a	<	0.57	µg/L	EPA 625	0.57	1	WKL	
ME-CC	2018/19-3	Wet	1/6/2019 9:25:00 AM	1/30/2019 12:35:00 AM	1,2-Diphenylhydrazine	n/a	<	0.25	µg/L	EPA 625	0.25	1	WKL	
ME-CC	2018/19-3	Wet	1/6/2019 9:25:00 AM	1/30/2019 12:35:00 AM	1,3-Dichlorobenzene	n/a	<	0.53	µg/L	EPA 625	0.53	1	WKL	
ME-CC	2018/19-3	Wet	1/6/2019 9:25:00 AM	1/30/2019 12:35:00 AM	1,4-Dichlorobenzene	n/a	<	0.55	µg/L	EPA 625	0.55	1	WKL	
ME-CC	2018/19-3	Wet	1/6/2019 9:25:00 AM	2/1/2019 8:11:00 PM	1-Methylnaphthalene	n/a	<	0.1	µg/L	EPA 8270C	0.1	0.1	WKL	
ME-CC	2018/19-3	Wet	1/6/2019 9:25:00 AM	2/5/2019 8:56:00 PM	2,4,5-Trichlorophenol	n/a	<	0.29	µg/L	EPA 8270C	0.29	1	WKL	

Appendix G
Laboratory Environmental Analysis Results

Site ID	Event	Event Type	Sample Date	Analysis Date	Constituent	Fraction	Sign	Result	Units	Method	MDL	Reporting Limit	Analyzing Laboratory	Qualifier
ME-CC	2018/19-3	Wet	1/6/2019 9:25:00 AM	1/30/2019 12:35:00 AM	2,4,6-Trichlorophenol	n/a	<	0.22	µg/L	EPA 625	0.22	1	WKL	
ME-CC	2018/19-3	Wet	1/6/2019 9:25:00 AM	2/5/2019 8:56:00 PM	2,4,6-Trichlorophenol	n/a	<	0.3	µg/L	EPA 8270C	0.3	1	WKL	
ME-CC	2018/19-3	Wet	1/6/2019 9:25:00 AM	2/5/2019 8:56:00 PM	2,4-Dichlorophenol	n/a	<	0.51	µg/L	EPA 8270C	0.51	1	WKL	
ME-CC	2018/19-3	Wet	1/6/2019 9:25:00 AM	1/30/2019 12:35:00 AM	2,4-Dichlorophenol	n/a	<	0.26	µg/L	EPA 625	0.26	1	WKL	
ME-CC	2018/19-3	Wet	1/6/2019 9:25:00 AM	2/5/2019 8:56:00 PM	2,4-Dimethylphenol	n/a	<	1	µg/L	EPA 8270C	1	2	WKL	
ME-CC	2018/19-3	Wet	1/6/2019 9:25:00 AM	1/30/2019 12:35:00 AM	2,4-Dimethylphenol	n/a	<	0.3	µg/L	EPA 625	0.3	1	WKL	
ME-CC	2018/19-3	Wet	1/6/2019 9:25:00 AM	1/30/2019 12:35:00 AM	2,4-Dinitrophenol	n/a	<	1.6	µg/L	EPA 625	1.6	10	WKL	
ME-CC	2018/19-3	Wet	1/6/2019 9:25:00 AM	2/5/2019 8:56:00 PM	2,4-Dinitrophenol	n/a	DNQ	1.2	µg/L	EPA 8270C	1	2	WKL	
ME-CC	2018/19-3	Wet	1/6/2019 9:25:00 AM	1/30/2019 12:35:00 AM	2,4-Dinitrotoluene	n/a	<	0.18	µg/L	EPA 625	0.18	1	WKL	
ME-CC	2018/19-3	Wet	1/6/2019 9:25:00 AM	1/30/2019 12:35:00 AM	2,6-Dinitrotoluene	n/a	<	0.27	µg/L	EPA 625	0.27	1	WKL	
ME-CC	2018/19-3	Wet	1/6/2019 9:25:00 AM	1/30/2019 12:35:00 AM	2-Chloronaphthalene	n/a	<	0.45	µg/L	EPA 625	0.45	1	WKL	
ME-CC	2018/19-3	Wet	1/6/2019 9:25:00 AM	1/30/2019 12:35:00 AM	2-Chlorophenol	n/a	<	0.28	µg/L	EPA 625	0.28	1	WKL	
ME-CC	2018/19-3	Wet	1/6/2019 9:25:00 AM	2/5/2019 8:56:00 PM	2-Chlorophenol	n/a	<	0.65	µg/L	EPA 8270C	0.65	1	WKL	
ME-CC	2018/19-3	Wet	1/6/2019 9:25:00 AM	2/1/2019 8:11:00 PM	2-Methylnaphthalene	n/a	<	0.1	µg/L	EPA 8270C	0.1	0.1	WKL	
ME-CC	2018/19-3	Wet	1/6/2019 9:25:00 AM	2/5/2019 8:56:00 PM	2-Methylphenol	n/a	<	0.34	µg/L	EPA 8270C	0.34	1	WKL	
ME-CC	2018/19-3	Wet	1/6/2019 9:25:00 AM	2/5/2019 8:56:00 PM	2-Nitrophenol	n/a	<	0.71	µg/L	EPA 8270C	0.71	1	WKL	
ME-CC	2018/19-3	Wet	1/6/2019 9:25:00 AM	1/30/2019 12:35:00 AM	2-Nitrophenol	n/a	<	0.26	µg/L	EPA 625	0.26	1	WKL	
ME-CC	2018/19-3	Wet	1/6/2019 9:25:00 AM	1/30/2019 12:35:00 AM	3,3'-Dichlorobenzidine	n/a	<	1.2	µg/L	EPA 625	1.2	5	WKL	
ME-CC	2018/19-3	Wet	1/6/2019 9:25:00 AM	2/5/2019 8:56:00 PM	3-4-Methylphenol	n/a	<	0.3	µg/L	EPA 8270C	0.3	1	WKL	
ME-CC	2018/19-3	Wet	1/6/2019 9:25:00 AM	2/5/2019 8:56:00 PM	4,6-Dinitro-2-methylphenol	n/a	DNQ	0.55	µg/L	EPA 8270C	0.14	1	WKL	
ME-CC	2018/19-3	Wet	1/6/2019 9:25:00 AM	1/30/2019 12:35:00 AM	4,6-Dinitro-2-methylphenol	n/a	<	1.7	µg/L	EPA 625	1.7	5	WKL	
ME-CC	2018/19-3	Wet	1/6/2019 9:25:00 AM	1/30/2019 12:35:00 AM	4-Bromophenyl phenyl ether	n/a	<	0.36	µg/L	EPA 625	0.36	1	WKL	
ME-CC	2018/19-3	Wet	1/6/2019 9:25:00 AM	2/5/2019 8:56:00 PM	4-Chloro-3-methylphenol	n/a	<	0.37	µg/L	EPA 8270C	0.37	1	WKL	
ME-CC	2018/19-3	Wet	1/6/2019 9:25:00 AM	1/30/2019 12:35:00 AM	4-Chloro-3-methylphenol	n/a	<	0.23	µg/L	EPA 625	0.23	1	WKL	
ME-CC	2018/19-3	Wet	1/6/2019 9:25:00 AM	1/30/2019 12:35:00 AM	4-Chlorophenyl phenyl ether	n/a	<	0.41	µg/L	EPA 625	0.41	1	WKL	
ME-CC	2018/19-3	Wet	1/6/2019 9:25:00 AM	2/5/2019 8:56:00 PM	4-Nitrophenol	n/a	<	1	µg/L	EPA 8270C	1	2	WKL	
ME-CC	2018/19-3	Wet	1/6/2019 9:25:00 AM	1/30/2019 12:35:00 AM	4-Nitrophenol	n/a	<	0.45	µg/L	EPA 625	0.45	5	WKL	
ME-CC	2018/19-3	Wet	1/6/2019 9:25:00 AM	1/30/2019 12:35:00 AM	Acenaphthene	n/a	<	0.38	µg/L	EPA 625	0.38	1	WKL	
ME-CC	2018/19-3	Wet	1/6/2019 9:25:00 AM	2/1/2019 8:11:00 PM	Acenaphthene	n/a	<	0.1	µg/L	EPA 8270C	0.1	0.1	WKL	
ME-CC	2018/19-3	Wet	1/6/2019 9:25:00 AM	2/1/2019 8:11:00 PM	Acenaphthylene	n/a	<	0.1	µg/L	EPA 8270C	0.1	0.1	WKL	
ME-CC	2018/19-3	Wet	1/6/2019 9:25:00 AM	1/30/2019 12:35:00 AM	Acenaphthylene	n/a	<	0.4	µg/L	EPA 625	0.4	1	WKL	
ME-CC	2018/19-3	Wet	1/6/2019 9:25:00 AM	2/1/2019 8:11:00 PM	Anthracene	n/a	<	0.1	µg/L	EPA 8270C	0.1	0.1	WKL	
ME-CC	2018/19-3	Wet	1/6/2019 9:25:00 AM	1/30/2019 12:35:00 AM	Anthracene	n/a	<	0.34	µg/L	EPA 625	0.34	1	WKL	
ME-CC	2018/19-3	Wet	1/6/2019 9:25:00 AM	2/1/2019 8:11:00 PM	Benz(a)anthracene	n/a	<	0.1	µg/L	EPA 8270C	0.1	0.1	WKL	
ME-CC	2018/19-3	Wet	1/6/2019 9:25:00 AM	1/30/2019 12:35:00 AM	Benz(a)anthracene	n/a	<	0.19	µg/L	EPA 625	0.19	1	WKL	
ME-CC	2018/19-3	Wet	1/6/2019 9:25:00 AM	1/30/2019 12:35:00 AM	Benzenzidine	n/a	<	3.7	µg/L	EPA 625	3.7	10	WKL	
ME-CC	2018/19-3	Wet	1/6/2019 9:25:00 AM	1/30/2019 12:35:00 AM	Benzo(a)pyrene	n/a	<	0.13	µg/L	EPA 625	0.13	1	WKL	
ME-CC	2018/19-3	Wet	1/6/2019 9:25:00 AM	2/1/2019 9:00:00 PM	Benzo(a)pyrene	n/a	<	0.7	µg/L	EPA 525.2	0.7	1	WKL	
ME-CC	2018/19-3	Wet	1/6/2019 9:25:00 AM	2/1/2019 8:11:00 PM	Benzo(a)pyrene	n/a	<	0.1	µg/L	EPA 8270C	0.1	0.1	WKL	
ME-CC	2018/19-3	Wet	1/6/2019 9:25:00 AM	2/1/2019 8:11:00 PM	Benzo(b)fluoranthene	n/a	<	0.1	µg/L	EPA 8270C	0.1	0.1	WKL	
ME-CC	2018/19-3	Wet	1/6/2019 9:25:00 AM	1/30/2019 12:35:00 AM	Benzo(b)fluoranthene	n/a	<	0.14	µg/L	EPA 625	0.14	1	WKL	
ME-CC	2018/19-3	Wet	1/6/2019 9:25:00 AM	1/30/2019 12:35:00 AM	Benzo(g,h,i)perylene	n/a	<	0.1	µg/L	EPA 625	0.1	2	WKL	
ME-CC	2018/19-3	Wet	1/6/2019 9:25:00 AM	2/1/2019 8:11:00 PM	Benzo(g,h,i)perylene	n/a	<	0.1	µg/L	EPA 8270C	0.1	0.1	WKL	
ME-CC	2018/19-3	Wet	1/6/2019 9:25:00 AM	1/30/2019 12:35:00 AM	Benzo(k)fluoranthene	n/a	<	0.22	µg/L	EPA 625	0.22	1	WKL	
ME-CC	2018/19-3	Wet	1/6/2019 9:25:00 AM	2/1/2019 8:11:00 PM	Benzo(k)fluoranthene	n/a	<	0.1	µg/L	EPA 8270C	0.1	0.1	WKL	
ME-CC	2018/19-3	Wet	1/6/2019 9:25:00 AM	1/30/2019 12:35:00 AM	Bis(2-chloroethoxy)methane	n/a	<	0.25	µg/L	EPA 625	0.25	1	WKL	
ME-CC	2018/19-3	Wet	1/6/2019 9:25:00 AM	1/30/2019 12:35:00 AM	Bis(2-chloroethyl)ether	n/a	<	0.27	µg/L	EPA 625	0.27	1	WKL	
ME-CC	2018/19-3	Wet	1/6/2019 9:25:00 AM	1/30/2019 12:35:00 AM	Bis(2-chloroisopropyl)ether	n/a	<	0.38	µg/L	EPA 625	0.38	1	WKL	

Appendix G
Laboratory Environmental Analysis Results

Site ID	Event	Event Type	Sample Date	Analysis Date	Constituent	Fraction	Sign	Result	Units	Method	MDL	Reporting Limit	Analyzing Laboratory	Qualifier
ME-CC	2018/19-3	Wet	1/6/2019 9:25:00 AM	2/1/2019 9:00:00 PM	Bis(2-ethylhexyl)adipate	n/a	<	1	µg/L	EPA 525.2	1	50	WKL	
ME-CC	2018/19-3	Wet	1/6/2019 9:25:00 AM	2/1/2019 9:00:00 PM	Bis(2-ethylhexyl)phthalate	n/a	<	11	µg/L	EPA 525.2	11	30	WKL	
ME-CC	2018/19-3	Wet	1/6/2019 9:25:00 AM	1/30/2019 12:35:00 AM	Bis(2-ethylhexyl)phthalate	n/a	<	2.3	µg/L	EPA 625	2.3	5	WKL	
ME-CC	2018/19-3	Wet	1/6/2019 9:25:00 AM	1/30/2019 12:35:00 AM	Butyl benzyl phthalate	n/a	DNQ	0.32	µg/L	EPA 625	0.18	1	WKL	
ME-CC	2018/19-3	Wet	1/6/2019 9:25:00 AM	2/1/2019 8:11:00 PM	Chrysene	n/a	<	0.1	µg/L	EPA 8270C	0.1	0.1	WKL	
ME-CC	2018/19-3	Wet	1/6/2019 9:25:00 AM	1/30/2019 12:35:00 AM	Chrysene	n/a	<	0.19	µg/L	EPA 625	0.19	1	WKL	
ME-CC	2018/19-3	Wet	1/6/2019 9:25:00 AM	2/1/2019 8:11:00 PM	Dibenz(a,h)anthracene	n/a	<	0.1	µg/L	EPA 8270C	0.1	0.1	WKL	
ME-CC	2018/19-3	Wet	1/6/2019 9:25:00 AM	1/30/2019 12:35:00 AM	Dibenz(a,h)anthracene	n/a	<	0.08	µg/L	EPA 625	0.08	2	WKL	
ME-CC	2018/19-3	Wet	1/6/2019 9:25:00 AM	1/30/2019 12:35:00 AM	Diethyl phthalate	n/a	<	0.15	µg/L	EPA 625	0.15	1	WKL	
ME-CC	2018/19-3	Wet	1/6/2019 9:25:00 AM	1/30/2019 12:35:00 AM	Dimethyl phthalate	n/a	<	0.18	µg/L	EPA 625	0.18	1	WKL	
ME-CC	2018/19-3	Wet	1/6/2019 9:25:00 AM	1/30/2019 12:35:00 AM	Di-n-butylphthalate	n/a	<	0.24	µg/L	EPA 625	0.24	1	WKL	
ME-CC	2018/19-3	Wet	1/6/2019 9:25:00 AM	1/30/2019 12:35:00 AM	Di-n-octylphthalate	n/a	<	0.19	µg/L	EPA 625	0.19	1	WKL	
ME-CC	2018/19-3	Wet	1/6/2019 9:25:00 AM	1/30/2019 12:35:00 AM	Fluoranthene	n/a	<	0.22	µg/L	EPA 625	0.22	1	WKL	
ME-CC	2018/19-3	Wet	1/6/2019 9:25:00 AM	2/1/2019 8:11:00 PM	Fluoranthene	n/a	<	0.1	µg/L	EPA 8270C	0.1	0.1	WKL	
ME-CC	2018/19-3	Wet	1/6/2019 9:25:00 AM	1/30/2019 12:35:00 AM	Fluorene	n/a	<	0.35	µg/L	EPA 625	0.35	1	WKL	
ME-CC	2018/19-3	Wet	1/6/2019 9:25:00 AM	2/1/2019 8:11:00 PM	Fluorene	n/a	<	0.1	µg/L	EPA 8270C	0.1	0.1	WKL	
ME-CC	2018/19-3	Wet	1/6/2019 9:25:00 AM	1/30/2019 12:35:00 AM	Hexachlorobenzene	n/a	<	0.49	µg/L	EPA 625	0.49	1	WKL	
ME-CC	2018/19-3	Wet	1/6/2019 9:25:00 AM	1/30/2019 12:35:00 AM	Hexachlorobutadiene	n/a	<	0.47	µg/L	EPA 625	0.47	1	WKL	
ME-CC	2018/19-3	Wet	1/6/2019 9:25:00 AM	1/30/2019 12:35:00 AM	Hexachlorocyclopentadiene	n/a	<	1.5	µg/L	EPA 625	1.5	5	WKL	
ME-CC	2018/19-3	Wet	1/6/2019 9:25:00 AM	1/30/2019 12:35:00 AM	Hexachloroethane	n/a	<	0.52	µg/L	EPA 625	0.52	1	WKL	
ME-CC	2018/19-3	Wet	1/6/2019 9:25:00 AM	1/30/2019 12:35:00 AM	Indeno(1,2,3-cd)pyrene	n/a	<	0.12	µg/L	EPA 625	0.12	2	WKL	
ME-CC	2018/19-3	Wet	1/6/2019 9:25:00 AM	2/1/2019 8:11:00 PM	Indeno(1,2,3-cd)pyrene	n/a	<	0.1	µg/L	EPA 8270C	0.1	0.1	WKL	
ME-CC	2018/19-3	Wet	1/6/2019 9:25:00 AM	1/30/2019 12:35:00 AM	Isophorone	n/a	<	0.21	µg/L	EPA 625	0.21	1	WKL	
ME-CC	2018/19-3	Wet	1/6/2019 9:25:00 AM	1/30/2019 12:35:00 AM	Naphthalene	n/a	<	0.49	µg/L	EPA 625	0.49	1	WKL	
ME-CC	2018/19-3	Wet	1/6/2019 9:25:00 AM	2/1/2019 8:11:00 PM	Naphthalene	n/a	<	0.1	µg/L	EPA 8270C	0.1	0.1	WKL	
ME-CC	2018/19-3	Wet	1/6/2019 9:25:00 AM	1/30/2019 12:35:00 AM	Nitrobenzene	n/a	<	0.36	µg/L	EPA 625	0.36	1	WKL	
ME-CC	2018/19-3	Wet	1/6/2019 9:25:00 AM	1/30/2019 12:35:00 AM	N-Nitrosodimethylamine	n/a	<	0.14	µg/L	EPA 625	0.14	1	WKL	
ME-CC	2018/19-3	Wet	1/6/2019 9:25:00 AM	1/30/2019 12:35:00 AM	N-Nitrosodi-N-propylamine	n/a	<	0.26	µg/L	EPA 625	0.26	1	WKL	
ME-CC	2018/19-3	Wet	1/6/2019 9:25:00 AM	1/30/2019 12:35:00 AM	N-Nitrosodiphenylamine	n/a	<	0.19	µg/L	EPA 625	0.19	1	WKL	
ME-CC	2018/19-3	Wet	1/6/2019 9:25:00 AM	2/1/2019 8:11:00 PM	Phenanthrene	n/a	<	0.1	µg/L	EPA 8270C	0.1	0.1	WKL	
ME-CC	2018/19-3	Wet	1/6/2019 9:25:00 AM	1/30/2019 12:35:00 AM	Phenanthrene	n/a	<	0.32	µg/L	EPA 625	0.32	1	WKL	
ME-CC	2018/19-3	Wet	1/6/2019 9:25:00 AM	1/30/2019 12:35:00 AM	Phenol	n/a	<	0.16	µg/L	EPA 625	0.16	1	WKL	
ME-CC	2018/19-3	Wet	1/6/2019 9:25:00 AM	2/5/2019 8:56:00 PM	Phenol	n/a	<	0.35	µg/L	EPA 8270C	0.35	1	WKL	
ME-CC	2018/19-3	Wet	1/6/2019 9:25:00 AM	1/30/2019 12:35:00 AM	Pyrene	n/a	<	0.25	µg/L	EPA 625	0.25	1	WKL	
ME-CC	2018/19-3	Wet	1/6/2019 9:25:00 AM	2/1/2019 8:11:00 PM	Pyrene	n/a	<	0.1	µg/L	EPA 8270C	0.1	0.1	WKL	
ME-CC	2018/19-3	Wet	1/6/2019 9:25:00 AM	1/30/2019 7:34:00 PM	PCB Aroclor 1016	n/a	<	0.5	µg/L	EPA 608	0.5	5	WKL	
ME-CC	2018/19-3	Wet	1/6/2019 9:25:00 AM	1/30/2019 7:34:00 PM	PCB Aroclor 1221	n/a	<	0.6	µg/L	EPA 608	0.6	5	WKL	
ME-CC	2018/19-3	Wet	1/6/2019 9:25:00 AM	1/30/2019 7:34:00 PM	PCB Aroclor 1232	n/a	<	1.5	µg/L	EPA 608	1.5	5	WKL	
ME-CC	2018/19-3	Wet	1/6/2019 9:25:00 AM	1/30/2019 7:34:00 PM	PCB Aroclor 1242	n/a	<	0.7	µg/L	EPA 608	0.7	5	WKL	
ME-CC	2018/19-3	Wet	1/6/2019 9:25:00 AM	1/30/2019 7:34:00 PM	PCB Aroclor 1248	n/a	<	0.6	µg/L	EPA 608	0.6	5	WKL	
ME-CC	2018/19-3	Wet	1/6/2019 9:25:00 AM	1/30/2019 7:34:00 PM	PCB Aroclor 1254	n/a	<	0.4	µg/L	EPA 608	0.4	5	WKL	
ME-CC	2018/19-3	Wet	1/6/2019 9:25:00 AM	1/30/2019 7:34:00 PM	PCB Aroclor 1260	n/a	<	0.4	µg/L	EPA 608	0.4	5	WKL	
ME-CC	2018/19-3	Wet	1/6/2019 9:25:00 AM	1/16/2019 1:29:00 AM	2,4,5-T	n/a	<	0.07	µg/L	EPA 515.3	0.07	0.2	WKL	
ME-CC	2018/19-3	Wet	1/6/2019 9:25:00 AM	1/16/2019 1:29:00 AM	2,4,5-TP	n/a	<	0.09	µg/L	EPA 515.3	0.09	0.2	WKL	
ME-CC	2018/19-3	Wet	1/6/2019 9:25:00 AM	1/16/2019 1:29:00 AM	2,4-D	n/a	<	0.07	µg/L	EPA 515.3	0.07	0.4	WKL	
ME-CC	2018/19-3	Wet	1/6/2019 9:25:00 AM	1/16/2019 1:29:00 AM	2,4-DB	n/a	DNQ	0.48	µg/L	EPA 515.3	0.07	2	WKL	
ME-CC	2018/19-3	Wet	1/6/2019 9:25:00 AM	1/16/2019 1:29:00 AM	3,5-Dichlorobenzoic acid	n/a	<	0.09	µg/L	EPA 515.3	0.09	1	WKL	
ME-CC	2018/19-3	Wet	1/6/2019 9:25:00 AM	1/30/2019 7:34:00 PM	4,4'-DDD	n/a	<	0.03	µg/L	EPA 608	0.03	0.5	WKL	

Appendix G
Laboratory Environmental Analysis Results

Site ID	Event	Event Type	Sample Date	Analysis Date	Constituent	Fraction	Sign	Result	Units	Method	MDL	Reporting Limit	Analyzing Laboratory	Qualifier
ME-CC	2018/19-3	Wet	1/6/2019 9:25:00 AM	1/30/2019 7:34:00 PM	4,4'-DDE	n/a	DNQ	0.036	µg/L	EPA 608	0.025	0.5	WKL	
ME-CC	2018/19-3	Wet	1/6/2019 9:25:00 AM	1/30/2019 7:34:00 PM	4,4'-DDT	n/a	<	0.031	µg/L	EPA 608	0.031	0.1	WKL	
ME-CC	2018/19-3	Wet	1/6/2019 9:25:00 AM	1/16/2019 1:29:00 AM	Acifluorfen	n/a	<	0.06	µg/L	EPA 515.3	0.06	0.4	WKL	
ME-CC	2018/19-3	Wet	1/6/2019 9:25:00 AM	2/1/2019 9:00:00 PM	Alachlor	n/a	<	0.22	µg/L	EPA 525.2	0.22	1	WKL	
ME-CC	2018/19-3	Wet	1/6/2019 9:25:00 AM	1/30/2019 7:34:00 PM	Aldrin	n/a	<	0.015	µg/L	EPA 608	0.015	0.05	WKL	
ME-CC	2018/19-3	Wet	1/6/2019 9:25:00 AM	1/30/2019 7:34:00 PM	alpha-BHC	n/a	<	0.018	µg/L	EPA 608	0.018	0.1	WKL	
ME-CC	2018/19-3	Wet	1/6/2019 9:25:00 AM	1/30/2019 7:34:00 PM	alpha-Chlordane	n/a	<	0.041	µg/L	EPA 608	0.041	0.1	WKL	
ME-CC	2018/19-3	Wet	1/6/2019 9:25:00 AM	2/1/2019 9:00:00 PM	Atrazine	n/a	<	0.34	µg/L	EPA 525.2	0.34	1	WKL	
ME-CC	2018/19-3	Wet	1/6/2019 9:25:00 AM	1/25/2019 11:03:00 PM	Azinphos methyl	n/a	<	0.055	µg/L	EPA 525.2m	0.055	0.1	WKL	
ME-CC	2018/19-3	Wet	1/6/2019 9:25:00 AM	1/16/2019 1:29:00 AM	Bentazon	n/a	<	0.11	µg/L	EPA 515.3	0.11	2	WKL	
ME-CC	2018/19-3	Wet	1/6/2019 9:25:00 AM	1/30/2019 7:34:00 PM	beta-BHC	n/a	<	0.031	µg/L	EPA 608	0.031	0.05	WKL	
ME-CC	2018/19-3	Wet	1/6/2019 9:25:00 AM	1/25/2019 11:03:00 PM	Bolstar	n/a	<	0.046	µg/L	EPA 525.2m	0.046	0.1	WKL	
ME-CC	2018/19-3	Wet	1/6/2019 9:25:00 AM	2/1/2019 9:00:00 PM	Bromacil	n/a	<	0.38	µg/L	EPA 525.2	0.38	10	WKL	
ME-CC	2018/19-3	Wet	1/6/2019 9:25:00 AM	2/1/2019 9:00:00 PM	Butachlor	n/a	<	0.17	µg/L	EPA 525.2	0.17	2	WKL	
ME-CC	2018/19-3	Wet	1/6/2019 9:25:00 AM	2/1/2019 9:00:00 PM	Captan	n/a	<	8.6	µg/L	EPA 525.2	8.6	10	WKL	LB-LCSR
ME-CC	2018/19-3	Wet	1/6/2019 9:25:00 AM	1/30/2019 7:34:00 PM	Chlordane (technical)	n/a	<	0.8	µg/L	EPA 608	0.8	1	WKL	
ME-CC	2018/19-3	Wet	1/6/2019 9:25:00 AM	2/1/2019 9:00:00 PM	Chlorpropham	n/a	<	0.1	µg/L	EPA 525.2	0.1	1	WKL	
ME-CC	2018/19-3	Wet	1/6/2019 9:25:00 AM	1/25/2019 11:03:00 PM	Chlorpyrifos	n/a	<	0.069	µg/L	EPA 525.2m	0.069	0.1	WKL	
ME-CC	2018/19-3	Wet	1/6/2019 9:25:00 AM	1/25/2019 11:03:00 PM	Coumaphos	n/a	<	0.051	µg/L	EPA 525.2m	0.051	0.1	WKL	
ME-CC	2018/19-3	Wet	1/6/2019 9:25:00 AM	2/1/2019 9:00:00 PM	Cyanazine	n/a	<	0.24	µg/L	EPA 525.2	0.24	1	WKL	
ME-CC	2018/19-3	Wet	1/6/2019 9:25:00 AM	1/16/2019 1:29:00 AM	Dalapon	n/a	<	0.1	µg/L	EPA 515.3	0.1	0.4	WKL	
ME-CC	2018/19-3	Wet	1/6/2019 9:25:00 AM	1/16/2019 1:29:00 AM	DCPA (Dacthal)	n/a	=	1.1	µg/L	EPA 515.3	0.07	0.1	WKL	
ME-CC	2018/19-3	Wet	1/6/2019 9:25:00 AM	1/30/2019 7:34:00 PM	delta-BHC	n/a	<	0.025	µg/L	EPA 608	0.025	0.05	WKL	
ME-CC	2018/19-3	Wet	1/6/2019 9:25:00 AM	1/25/2019 11:03:00 PM	Demeton-O	n/a	<	0.1	µg/L	EPA 525.2m	0.1	0.1	WKL	
ME-CC	2018/19-3	Wet	1/6/2019 9:25:00 AM	1/25/2019 11:03:00 PM	Demeton-S	n/a	<	0.1	µg/L	EPA 525.2m	0.1	0.1	WKL	
ME-CC	2018/19-3	Wet	1/6/2019 9:25:00 AM	1/25/2019 11:03:00 PM	Diazinon	n/a	<	0.052	µg/L	EPA 525.2m	0.052	0.1	WKL	
ME-CC	2018/19-3	Wet	1/6/2019 9:25:00 AM	2/1/2019 9:00:00 PM	Diazinon	n/a	<	0.96	µg/L	EPA 525.2	0.96	1	WKL	
ME-CC	2018/19-3	Wet	1/6/2019 9:25:00 AM	1/16/2019 1:29:00 AM	Dicamba	n/a	<	0.12	µg/L	EPA 515.3	0.12	0.6	WKL	
ME-CC	2018/19-3	Wet	1/6/2019 9:25:00 AM	1/16/2019 1:29:00 AM	Dichlorprop	n/a	<	0.08	µg/L	EPA 515.3	0.08	0.3	WKL	
ME-CC	2018/19-3	Wet	1/6/2019 9:25:00 AM	1/25/2019 11:03:00 PM	Dichlorvos	n/a	<	0.029	µg/L	EPA 525.2m	0.029	0.1	WKL	
ME-CC	2018/19-3	Wet	1/6/2019 9:25:00 AM	1/30/2019 7:34:00 PM	Dieldrin	n/a	<	0.021	µg/L	EPA 608	0.021	0.1	WKL	
ME-CC	2018/19-3	Wet	1/6/2019 9:25:00 AM	1/25/2019 11:03:00 PM	Dimethoate	n/a	<	0.062	µg/L	EPA 525.2m	0.062	0.1	WKL	
ME-CC	2018/19-3	Wet	1/6/2019 9:25:00 AM	2/1/2019 9:00:00 PM	Dimethoate	n/a	<	0.24	µg/L	EPA 525.2	0.24	2	WKL	
ME-CC	2018/19-3	Wet	1/6/2019 9:25:00 AM	1/16/2019 1:29:00 AM	Dinoseb	n/a	<	0.14	µg/L	EPA 515.3	0.14	0.4	WKL	
ME-CC	2018/19-3	Wet	1/6/2019 9:25:00 AM	2/1/2019 9:00:00 PM	Diphenamid	n/a	<	0.24	µg/L	EPA 525.2	0.24	1	WKL	
ME-CC	2018/19-3	Wet	1/6/2019 9:25:00 AM	2/1/2019 9:00:00 PM	Disulfoton	n/a	<	0.31	µg/L	EPA 525.2	0.31	1	WKL	
ME-CC	2018/19-3	Wet	1/6/2019 9:25:00 AM	1/25/2019 11:03:00 PM	Disulfoton	n/a	<	0.1	µg/L	EPA 525.2m	0.1	0.1	WKL	
ME-CC	2018/19-3	Wet	1/6/2019 9:25:00 AM	1/30/2019 7:34:00 PM	Endosulfan I	n/a	<	0.017	µg/L	EPA 608	0.017	0.2	WKL	
ME-CC	2018/19-3	Wet	1/6/2019 9:25:00 AM	1/30/2019 7:34:00 PM	Endosulfan II	n/a	<	0.019	µg/L	EPA 608	0.019	0.1	WKL	
ME-CC	2018/19-3	Wet	1/6/2019 9:25:00 AM	1/30/2019 7:34:00 PM	Endosulfan sulfate	n/a	<	0.08	µg/L	EPA 608	0.08	0.5	WKL	
ME-CC	2018/19-3	Wet	1/6/2019 9:25:00 AM	1/30/2019 7:34:00 PM	Endrin	n/a	<	0.028	µg/L	EPA 608	0.028	0.1	WKL	
ME-CC	2018/19-3	Wet	1/6/2019 9:25:00 AM	1/30/2019 7:34:00 PM	Endrin aldehyde	n/a	<	0.03	µg/L	EPA 608	0.03	0.1	WKL	LB-LCSR
ME-CC	2018/19-3	Wet	1/6/2019 9:25:00 AM	2/1/2019 9:00:00 PM	EPTC	n/a	<	0.17	µg/L	EPA 525.2	0.17	10	WKL	
ME-CC	2018/19-3	Wet	1/6/2019 9:25:00 AM	1/25/2019 11:03:00 PM	Ethoprop	n/a	<	0.067	µg/L	EPA 525.2m	0.067	0.1	WKL	
ME-CC	2018/19-3	Wet	1/6/2019 9:25:00 AM	1/25/2019 11:03:00 PM	Ethyl parathion	n/a	<	0.054	µg/L	EPA 525.2m	0.054	0.1	WKL	
ME-CC	2018/19-3	Wet	1/6/2019 9:25:00 AM	1/25/2019 11:03:00 PM	Fensulfothion	n/a	<	0.029	µg/L	EPA 525.2m	0.029	0.1	WKL	
ME-CC	2018/19-3	Wet	1/6/2019 9:25:00 AM	1/25/2019 11:03:00 PM	Fenthion	n/a	<	0.038	µg/L	EPA 525.2m	0.038	0.1	WKL	
ME-CC	2018/19-3	Wet	1/6/2019 9:25:00 AM	1/30/2019 7:34:00 PM	gamma-BHC (Lindane)	n/a	<	0.021	µg/L	EPA 608	0.021	0.2	WKL	

Appendix G
Laboratory Environmental Analysis Results

Site ID	Event	Event Type	Sample Date	Analysis Date	Constituent	Fraction	Sign	Result	Units	Method	MDL	Reporting Limit	Analyzing Laboratory	Qualifier
ME-CC	2018/19-3	Wet	1/6/2019 9:25:00 AM	1/30/2019 7:34:00 PM	gamma-Chlordane	n/a	<	0.044	µg/L	EPA 608	0.044	0.1	WKL	
ME-CC	2018/19-3	Wet	1/6/2019 9:25:00 AM	1/10/2019 2:42:00 AM	Glyphosate	n/a	=	6.1	µg/L	EPA 547	1.8	5	WKL	
ME-CC	2018/19-3	Wet	1/6/2019 9:25:00 AM	1/30/2019 7:34:00 PM	Heptachlor	n/a	<	0.017	µg/L	EPA 608	0.017	0.1	WKL	
ME-CC	2018/19-3	Wet	1/6/2019 9:25:00 AM	1/30/2019 7:34:00 PM	Heptachlor epoxide	n/a	<	0.019	µg/L	EPA 608	0.019	0.1	WKL	
ME-CC	2018/19-3	Wet	1/6/2019 9:25:00 AM	1/25/2019 11:03:00 PM	Malathion	n/a	<	0.076	µg/L	EPA 525.2m	0.076	0.1	WKL	
ME-CC	2018/19-3	Wet	1/6/2019 9:25:00 AM	1/25/2019 11:03:00 PM	Merphos	n/a	<	0.058	µg/L	EPA 525.2m	0.058	0.1	WKL	
ME-CC	2018/19-3	Wet	1/6/2019 9:25:00 AM	1/30/2019 7:34:00 PM	Methoxychlor	n/a	<	0.054	µg/L	EPA 608	0.054	0.2	WKL	
ME-CC	2018/19-3	Wet	1/6/2019 9:25:00 AM	1/25/2019 11:03:00 PM	Methyl parathion	n/a	<	0.063	µg/L	EPA 525.2m	0.063	0.1	WKL	
ME-CC	2018/19-3	Wet	1/6/2019 9:25:00 AM	2/1/2019 9:00:00 PM	Metolachlor	n/a	DNQ	0.22	µg/L	EPA 525.2	0.12	1	WKL	
ME-CC	2018/19-3	Wet	1/6/2019 9:25:00 AM	2/1/2019 9:00:00 PM	Metribuzin	n/a	<	0.15	µg/L	EPA 525.2	0.15	1	WKL	
ME-CC	2018/19-3	Wet	1/6/2019 9:25:00 AM	1/25/2019 11:03:00 PM	Mevinphos	n/a	<	0.042	µg/L	EPA 525.2m	0.042	0.1	WKL	
ME-CC	2018/19-3	Wet	1/6/2019 9:25:00 AM	2/1/2019 9:00:00 PM	Molinate	n/a	<	0.39	µg/L	EPA 525.2	0.39	1	WKL	
ME-CC	2018/19-3	Wet	1/6/2019 9:25:00 AM	1/25/2019 11:03:00 PM	Naled	n/a	<	0.076	µg/L	EPA 525.2m	0.076	0.1	WKL	
ME-CC	2018/19-3	Wet	1/6/2019 9:25:00 AM	1/16/2019 1:29:00 AM	Pentachlorophenol	n/a	DNQ	0.061	µg/L	EPA 515.3	0.04	0.2	WKL	
ME-CC	2018/19-3	Wet	1/6/2019 9:25:00 AM	1/30/2019 12:35:00 AM	Pentachlorophenol	n/a	DNQ	0.52	µg/L	EPA 625	0.19	1	WKL	
ME-CC	2018/19-3	Wet	1/6/2019 9:25:00 AM	2/5/2019 8:56:00 PM	Pentachlorophenol	n/a	DNQ	0.63	µg/L	EPA 8270C	0.15	1	WKL	
ME-CC	2018/19-3	Wet	1/6/2019 9:25:00 AM	1/25/2019 11:03:00 PM	Phorate	n/a	<	0.03	µg/L	EPA 525.2m	0.03	0.1	WKL	
ME-CC	2018/19-3	Wet	1/6/2019 9:25:00 AM	1/16/2019 1:29:00 AM	Picloram	n/a	<	0.05	µg/L	EPA 515.3	0.05	0.6	WKL	
ME-CC	2018/19-3	Wet	1/6/2019 9:25:00 AM	2/1/2019 9:00:00 PM	Prometon	n/a	<	0.24	µg/L	EPA 525.2	0.24	2	WKL	
ME-CC	2018/19-3	Wet	1/6/2019 9:25:00 AM	2/1/2019 9:00:00 PM	Prometryn	n/a	DNQ	0.72	µg/L	EPA 525.2	0.36	1	WKL	
ME-CC	2018/19-3	Wet	1/6/2019 9:25:00 AM	1/25/2019 11:03:00 PM	Ronnel (Fenchlorphos)	n/a	<	0.041	µg/L	EPA 525.2m	0.041	0.1	WKL	
ME-CC	2018/19-3	Wet	1/6/2019 9:25:00 AM	2/1/2019 9:00:00 PM	Simazine	n/a	<	0.15	µg/L	EPA 525.2	0.15	1	WKL	
ME-CC	2018/19-3	Wet	1/6/2019 9:25:00 AM	1/25/2019 11:03:00 PM	Stirophos (Tetrachlorvinphos)	n/a	<	0.031	µg/L	EPA 525.2m	0.031	0.1	WKL	
ME-CC	2018/19-3	Wet	1/6/2019 9:25:00 AM	2/1/2019 9:00:00 PM	Terbacil	n/a	<	5.5	µg/L	EPA 525.2	5.5	20	WKL	
ME-CC	2018/19-3	Wet	1/6/2019 9:25:00 AM	2/1/2019 9:00:00 PM	Thiobencarb	n/a	<	0.25	µg/L	EPA 525.2	0.25	2	WKL	
ME-CC	2018/19-3	Wet	1/6/2019 9:25:00 AM	1/25/2019 11:03:00 PM	Tokuthion	n/a	<	0.078	µg/L	EPA 525.2m	0.078	0.1	WKL	
ME-CC	2018/19-3	Wet	1/6/2019 9:25:00 AM	1/30/2019 7:34:00 PM	Toxaphene	n/a	<	1.2	µg/L	EPA 608	1.2	5	WKL	
ME-CC	2018/19-3	Wet	1/6/2019 9:25:00 AM	1/25/2019 11:03:00 PM	Trichloronate	n/a	<	0.067	µg/L	EPA 525.2m	0.067	0.1	WKL	
ME-CC	2018/19-3	Wet	1/6/2019 9:25:00 AM	2/1/2019 9:00:00 PM	Trithion	n/a	<	0.12	µg/L	EPA 525.2	0.12	1	WKL	
ME-CC	2018/19-5	Dry	5/14/2019 11:20:00 AM	5/17/2019 12:00:00 PM	Chloride	n/a	=	210	mg/L	EPA 300.0	0.2	1	WKL	
ME-CC	2018/19-5	Dry	5/14/2019 11:20:00 AM	5/17/2019 12:00:00 PM	Fluoride	n/a	=	0.45	mg/L	EPA 300.0	0.04	0.2	WKL	
ME-CC	2018/19-5	Dry	5/14/2019 11:20:00 AM	5/18/2019 7:35:00 AM	Perchlorate	n/a	<	1.9	µg/L	EPA 314.0	1.9	4	WKL	
ME-CC	2018/19-5	Dry	5/14/2019 11:20:00 AM	5/17/2019 12:00:00 PM	Sulfate	Total	=	270	mg/L	EPA 300.0	0.2	1	WKL	
ME-CC	2018/19-5	Dry	5/14/2019 11:20:00 AM	5/15/2019 8:00:00 AM	E. Coli	n/a	=	860	MPN/100 mL	MMO-MUG	10	10	VCHCA	
ME-CC	2018/19-5	Dry	5/14/2019 11:20:00 AM	5/15/2019 8:00:00 AM	Total Coliform	n/a	=	21430	MPN/100 mL	MMO-MUG	100	100	VCHCA	
ME-CC	2018/19-5	Dry	5/14/2019 11:20:00 AM	5/22/2019 5:44:00 PM	Calcium	Total	=	93.8	mg/L	EPA 200.7	0.016	0.1	WKL	
ME-CC	2018/19-5	Dry	5/14/2019 11:20:00 AM	5/22/2019 5:44:00 PM	Magnesium	Total	=	49.1	mg/L	EPA 200.7	0.012	0.1	WKL	
ME-CC	2018/19-5	Dry	5/14/2019 11:20:00 AM	5/22/2019 5:44:00 PM	Potassium	Total	=	21	mg/L	EPA 200.7	0.081	0.1	WKL	
ME-CC	2018/19-5	Dry	5/14/2019 11:20:00 AM	5/22/2019 5:44:00 PM	Sodium	Total	=	190	mg/L	EPA 200.7	0.015	0.5	WKL	
ME-CC	2018/19-5	Dry	5/14/2019 11:20:00 AM	5/17/2019 2:10:00 PM	Alkalinity as CaCO3	n/a	=	220	mg/L	SM 2320 B	0.56	2	WKL	
ME-CC	2018/19-5	Dry	5/14/2019 11:20:00 AM	5/20/2019 6:46:00 PM	BOD	n/a	<	2	mg/L	SM 5210 B	2	2	WKL	
ME-CC	2018/19-5	Dry	5/14/2019 11:20:00 AM	5/17/2019 3:11:00 PM	COD	n/a	=	19	mg/L	EPA 410.4	0.73	5	WKL	
ME-CC	2018/19-5	Dry	5/14/2019 11:20:00 AM	5/14/2019 11:20:00 AM	Conductivity	n/a	=	1288	µmhos/cm	Field Meter	-88	1	Field Crew	
ME-CC	2018/19-5	Dry	5/14/2019 11:20:00 AM	5/23/2019 5:06:00 PM	Cyanide	Total	<	0.0005	mg/L	ASTM D7511	0.0005	0.002	WKL	
ME-CC	2018/19-5	Dry	5/14/2019 11:20:00 AM	5/17/2019 2:14:00 PM	Dissolved Inorganic Carbon	Dissolved	=	52	mg/L	SM 5310 B	0.016	0.1	WKL	
ME-CC	2018/19-5	Dry	5/14/2019 11:20:00 AM	5/22/2019 2:50:00 AM	Dissolved Organic Carbon	Dissolved	=	5.8	mg/L	SM 5310 B	0.013	0.3	WKL	
ME-CC	2018/19-5	Dry	5/14/2019 11:20:00 AM	5/14/2019 11:20:00 AM	DO	n/a	=	7.89	mg/L	Field Meter	-88	0.3	Field Crew	
ME-CC	2018/19-5	Dry	5/14/2019 11:20:00 AM	5/14/2019 11:20:00 AM	DO	n/a	=	87.8	%	Field Meter	-88	0.1	Field Crew	

Appendix G
Laboratory Environmental Analysis Results

Site ID	Event	Event Type	Sample Date	Analysis Date	Constituent	Fraction	Sign	Result	Units	Method	MDL	Reporting Limit	Analyzing Laboratory	Qualifier
ME-CC	2018/19-5	Dry	5/14/2019 11:20:00 AM	5/22/2019 5:44:00 PM	Hardness as CaCO3	Total	=	436	mg/L	EPA 200.7	0.0894	0.662	WKL	
ME-CC	2018/19-5	Dry	5/14/2019 11:20:00 AM	5/15/2019 7:15:00 PM	MBAS	n/a	DNQ	0.039	mg/L	SM 5540 C	0.019	0.05	WKL	
ME-CC	2018/19-5	Dry	5/14/2019 11:20:00 AM	5/14/2019 11:20:00 AM	pH	n/a	=	8.07	pH Units	Field Meter	-88	0.01	Field Crew	
ME-CC	2018/19-5	Dry	5/14/2019 11:20:00 AM	5/21/2019 6:19:00 PM	Phenolics	n/a	<	0.0042	mg/L	EPA 420.4	0.0042	0.01	WKL	
ME-CC	2018/19-5	Dry	5/14/2019 11:20:00 AM	5/14/2019 11:20:00 AM	Salinity	n/a	=	700	mg/L	Field Meter	-88	100	Field Crew	
ME-CC	2018/19-5	Dry	5/14/2019 11:20:00 AM	5/14/2019 11:20:00 AM	Specific Conductance	n/a	=	1416	µmhos/cm	Field Meter	-88	1	Field Crew	
ME-CC	2018/19-5	Dry	5/14/2019 11:20:00 AM	5/16/2019 12:59:00 PM	Specific Conductance	n/a	=	1800	µmhos/cm	SM 2510 B	0.7	6	WKL	
ME-CC	2018/19-5	Dry	5/14/2019 11:20:00 AM	5/14/2019 11:20:00 AM	Temperature	n/a	=	20.3	°C	Field Meter	-88	0.1	Field Crew	
ME-CC	2018/19-5	Dry	5/14/2019 11:20:00 AM	5/16/2019 10:07:00 AM	Total Chlorine Residual	n/a	DNQ	0.038	mg/L	SM 4500-Cl G	0.0015	0.05	WKL	EST-HT
ME-CC	2018/19-5	Dry	5/14/2019 11:20:00 AM	5/15/2019 6:39:00 PM	Total Dissolved Solids	n/a	=	1000	mg/L	SM 2540 C	4	10	WKL	
ME-CC	2018/19-5	Dry	5/14/2019 11:20:00 AM	5/20/2019 3:38:00 PM	Total Organic Carbon	n/a	=	5.6	mg/L	SM 5310 B	0.009	0.3	WKL	
ME-CC	2018/19-5	Dry	5/14/2019 11:20:00 AM	5/17/2019 9:28:00 AM	Total Suspended Solids	n/a	=	14	mg/L	SM 2540 D	-88	5	WKL	
ME-CC	2018/19-5	Dry	5/14/2019 11:20:00 AM	5/14/2019 5:45:00 PM	Turbidity	n/a	=	8	NTU	EPA 180.1	0.024	0.1	WKL	
ME-CC	2018/19-5	Dry	5/14/2019 11:20:00 AM	5/17/2019 9:28:00 AM	Volatile Suspended Solids	n/a	<	3.1	mg/L	EPA 160.4	3.1	5	WKL	
ME-CC	2018/19-5	Dry	5/14/2019 11:20:00 AM	5/25/2019 4:50:00 AM	Diesel Range Organics	n/a	DNQ	0.069	mg/L	EPA 8015D	0.024	0.1	WKL	UL-MB
ME-CC	2018/19-5	Dry	5/14/2019 11:20:00 AM	5/24/2019 11:13:00 PM	Gasoline Range Organics	n/a	<	0.012	mg/L	LUFT GC/MS	0.012	0.1	WKL	
ME-CC	2018/19-5	Dry	5/14/2019 11:20:00 AM	5/21/2019 9:05:00 AM	Oil and Grease	n/a	<	1.3	mg/L	EPA 1664A	1.3	5	WKL	
ME-CC	2018/19-5	Dry	5/14/2019 11:20:00 AM	5/25/2019 4:50:00 AM	Oil Range Organics	n/a	<	0.33	mg/L	EPA 8015D	0.33	0.5	WKL	
ME-CC	2018/19-5	Dry	5/14/2019 11:20:00 AM	5/23/2019 2:00:00 PM	Aluminum	Dissolved	=	15	µg/L	EPA 200.8	1.3	5	WKL	
ME-CC	2018/19-5	Dry	5/14/2019 11:20:00 AM	5/23/2019 2:26:00 PM	Aluminum	Total	=	330	µg/L	EPA 200.8	1.3	5	WKL	
ME-CC	2018/19-5	Dry	5/14/2019 11:20:00 AM	5/23/2019 2:00:00 PM	Antimony	Dissolved	DNQ	0.37	µg/L	EPA 200.8	0.045	0.5	WKL	
ME-CC	2018/19-5	Dry	5/14/2019 11:20:00 AM	5/23/2019 2:00:00 PM	Antimony	Total	DNQ	0.38	µg/L	EPA 200.8	0.045	0.5	WKL	
ME-CC	2018/19-5	Dry	5/14/2019 11:20:00 AM	5/23/2019 2:00:00 PM	Arsenic	Dissolved	=	2.5	µg/L	EPA 200.8	0.074	0.4	WKL	
ME-CC	2018/19-5	Dry	5/14/2019 11:20:00 AM	5/23/2019 2:26:00 PM	Arsenic	Total	=	2.7	µg/L	EPA 200.8	0.074	0.4	WKL	
ME-CC	2018/19-5	Dry	5/14/2019 11:20:00 AM	5/23/2019 2:26:00 PM	Barium	Total	=	34	µg/L	EPA 200.8	0.071	0.5	WKL	
ME-CC	2018/19-5	Dry	5/14/2019 11:20:00 AM	5/23/2019 2:00:00 PM	Beryllium	Dissolved	<	0.033	µg/L	EPA 200.8	0.033	0.1	WKL	
ME-CC	2018/19-5	Dry	5/14/2019 11:20:00 AM	5/23/2019 2:26:00 PM	Beryllium	Total	<	0.033	µg/L	EPA 200.8	0.033	0.1	WKL	
ME-CC	2018/19-5	Dry	5/14/2019 11:20:00 AM	5/23/2019 2:00:00 PM	Cadmium	Dissolved	=	0.13	µg/L	EPA 200.8	0.041	0.1	WKL	
ME-CC	2018/19-5	Dry	5/14/2019 11:20:00 AM	5/23/2019 2:26:00 PM	Cadmium	Total	=	0.15	µg/L	EPA 200.8	0.041	0.1	WKL	
ME-CC	2018/19-5	Dry	5/14/2019 11:20:00 AM	5/23/2019 2:26:00 PM	Chromium	Dissolved	=	0.33	µg/L	EPA 200.8	0.035	0.2	WKL	
ME-CC	2018/19-5	Dry	5/14/2019 11:20:00 AM	5/23/2019 2:00:00 PM	Chromium	Total	=	1.3	µg/L	EPA 200.8	0.035	0.2	WKL	
ME-CC	2018/19-5	Dry	5/14/2019 11:20:00 AM	5/15/2019 2:22:00 PM	Chromium VI	n/a	=	0.17	µg/L	EPA 218.6	0.0048	0.02	WKL	
ME-CC	2018/19-5	Dry	5/14/2019 11:20:00 AM	5/23/2019 2:00:00 PM	Copper	Dissolved	=	2.5	µg/L	EPA 200.8	0.13	0.5	WKL	
ME-CC	2018/19-5	Dry	5/14/2019 11:20:00 AM	5/23/2019 2:26:00 PM	Copper	Total	=	3	µg/L	EPA 200.8	0.13	0.5	WKL	
ME-CC	2018/19-5	Dry	5/14/2019 11:20:00 AM	5/22/2019 5:29:00 PM	Iron	Dissolved	=	13	µg/L	EPA 200.7	1.1	10	WKL	
ME-CC	2018/19-5	Dry	5/14/2019 11:20:00 AM	5/22/2019 5:44:00 PM	Iron	Total	=	480	µg/L	EPA 200.7	1.1	10	WKL	
ME-CC	2018/19-5	Dry	5/14/2019 11:20:00 AM	5/23/2019 2:00:00 PM	Lead	Dissolved	DNQ	0.086	µg/L	EPA 200.8	0.031	0.2	WKL	
ME-CC	2018/19-5	Dry	5/14/2019 11:20:00 AM	5/23/2019 2:26:00 PM	Lead	Total	=	0.26	µg/L	EPA 200.8	0.031	0.2	WKL	
ME-CC	2018/19-5	Dry	5/14/2019 11:20:00 AM	5/18/2019 1:24:00 PM	Mercury	Dissolved	<	17	ng/L	EPA 245.1	17	50	WKL	
ME-CC	2018/19-5	Dry	5/14/2019 11:20:00 AM	5/18/2019 1:26:00 PM	Mercury	Total	<	17	ng/L	EPA 245.1	17	50	WKL	
ME-CC	2018/19-5	Dry	5/14/2019 11:20:00 AM	5/23/2019 2:00:00 PM	Nickel	Dissolved	=	5.2	µg/L	EPA 200.8	0.045	0.8	WKL	
ME-CC	2018/19-5	Dry	5/14/2019 11:20:00 AM	5/23/2019 2:26:00 PM	Nickel	Total	=	5.7	µg/L	EPA 200.8	0.045	0.8	WKL	
ME-CC	2018/19-5	Dry	5/14/2019 11:20:00 AM	5/23/2019 2:00:00 PM	Selenium	Dissolved	=	0.82	µg/L	EPA 200.8	0.14	0.4	WKL	
ME-CC	2018/19-5	Dry	5/14/2019 11:20:00 AM	5/23/2019 2:26:00 PM	Selenium	Total	=	0.9	µg/L	EPA 200.8	0.14	0.4	WKL	
ME-CC	2018/19-5	Dry	5/14/2019 11:20:00 AM	5/23/2019 2:00:00 PM	Silver	Dissolved	<	0.062	µg/L	EPA 200.8	0.062	0.2	WKL	
ME-CC	2018/19-5	Dry	5/14/2019 11:20:00 AM	5/23/2019 2:26:00 PM	Silver	Total	<	0.062	µg/L	EPA 200.8	0.062	0.2	WKL	
ME-CC	2018/19-5	Dry	5/14/2019 11:20:00 AM	5/23/2019 2:00:00 PM	Thallium	Dissolved	<	0.014	µg/L	EPA 200.8	0.014	0.2	WKL	
ME-CC	2018/19-5	Dry	5/14/2019 11:20:00 AM	5/23/2019 2:26:00 PM	Thallium	Total	<	0.014	µg/L	EPA 200.8	0.014	0.2	WKL	

Appendix G
Laboratory Environmental Analysis Results

Site ID	Event	Event Type	Sample Date	Analysis Date	Constituent	Fraction	Sign	Result	Units	Method	MDL	Reporting Limit	Analyzing Laboratory	Qualifier
ME-CC	2018/19-5	Dry	5/14/2019 11:20:00 AM	5/23/2019 2:00:00 PM	Zinc	Dissolved	=	18	µg/L	EPA 200.8	0.94	5	WKL	
ME-CC	2018/19-5	Dry	5/14/2019 11:20:00 AM	5/23/2019 2:26:00 PM	Zinc	Total	=	21	µg/L	EPA 200.8	0.94	5	WKL	
ME-CC	2018/19-5	Dry	5/14/2019 11:20:00 AM	5/16/2019 6:31:00 PM	Ammonia as N	n/a	=	0.13	mg/L	EPA 350.1	0.048	0.1	WKL	
ME-CC	2018/19-5	Dry	5/14/2019 11:20:00 AM	5/15/2019 5:57:00 PM	Nitrate + Nitrite as N	n/a	=	9.9	mg/L	EPA 353.2	0.17	0.4	WKL	
ME-CC	2018/19-5	Dry	5/14/2019 11:20:00 AM	5/15/2019 6:16:00 PM	Nitrate as N	n/a	=	9.8	mg/L	EPA 353.2	0.17	0.4	WKL	
ME-CC	2018/19-5	Dry	5/14/2019 11:20:00 AM	5/22/2019 5:29:00 PM	Phosphorus as P	Dissolved	=	3.8	mg/L	EPA 200.7	0.012	0.02	WKL	
ME-CC	2018/19-5	Dry	5/14/2019 11:20:00 AM	5/22/2019 5:44:00 PM	Phosphorus as P	Total	=	4	mg/L	EPA 200.7	0.012	0.02	WKL	
ME-CC	2018/19-5	Dry	5/14/2019 11:20:00 AM	5/21/2019 1:34:00 PM	TKN	n/a	<	0.05	mg/L	EPA 351.2	0.05	0.1	WKL	
ME-CC	2018/19-5	Dry	5/14/2019 11:20:00 AM	5/24/2019 8:44:00 PM	1,2,4-Trichlorobenzene	n/a	<	1.1	µg/L	EPA 625	1.1	2	WKL	
ME-CC	2018/19-5	Dry	5/14/2019 11:20:00 AM	5/24/2019 8:44:00 PM	1,2-Dichlorobenzene	n/a	<	1.1	µg/L	EPA 625	1.1	2	WKL	
ME-CC	2018/19-5	Dry	5/14/2019 11:20:00 AM	5/24/2019 8:44:00 PM	1,2-Diphenylhydrazine	n/a	<	0.5	µg/L	EPA 625	0.5	2	WKL	
ME-CC	2018/19-5	Dry	5/14/2019 11:20:00 AM	5/24/2019 8:44:00 PM	1,3-Dichlorobenzene	n/a	<	1.1	µg/L	EPA 625	1.1	2	WKL	
ME-CC	2018/19-5	Dry	5/14/2019 11:20:00 AM	5/24/2019 8:44:00 PM	1,4-Dichlorobenzene	n/a	<	1.1	µg/L	EPA 625	1.1	2	WKL	
ME-CC	2018/19-5	Dry	5/14/2019 11:20:00 AM	6/8/2019 6:16:00 AM	1-Methylnaphthalene	n/a	<	0.2	µg/L	EPA 8270C	0.2	0.2	WKL	
ME-CC	2018/19-5	Dry	5/14/2019 11:20:00 AM	5/22/2019 3:02:00 AM	2,4,5-Trichlorophenol	n/a	<	0.58	µg/L	EPA 8270C	0.58	2	WKL	
ME-CC	2018/19-5	Dry	5/14/2019 11:20:00 AM	5/24/2019 8:44:00 PM	2,4,6-Trichlorophenol	n/a	<	0.44	µg/L	EPA 625	0.44	2	WKL	
ME-CC	2018/19-5	Dry	5/14/2019 11:20:00 AM	5/22/2019 3:02:00 AM	2,4,6-Trichlorophenol	n/a	<	0.6	µg/L	EPA 8270C	0.6	2	WKL	
ME-CC	2018/19-5	Dry	5/14/2019 11:20:00 AM	5/24/2019 8:44:00 PM	2,4-Dichlorophenol	n/a	<	0.52	µg/L	EPA 625	0.52	2	WKL	
ME-CC	2018/19-5	Dry	5/14/2019 11:20:00 AM	5/22/2019 3:02:00 AM	2,4-Dichlorophenol	n/a	<	1	µg/L	EPA 8270C	1	2	WKL	
ME-CC	2018/19-5	Dry	5/14/2019 11:20:00 AM	5/22/2019 3:02:00 AM	2,4-Dimethylphenol	n/a	<	2	µg/L	EPA 8270C	2	4	WKL	
ME-CC	2018/19-5	Dry	5/14/2019 11:20:00 AM	5/24/2019 8:44:00 PM	2,4-Dimethylphenol	n/a	<	0.6	µg/L	EPA 625	0.6	2	WKL	
ME-CC	2018/19-5	Dry	5/14/2019 11:20:00 AM	5/24/2019 8:44:00 PM	2,4-Dinitrophenol	n/a	<	3.2	µg/L	EPA 625	3.2	20	WKL	
ME-CC	2018/19-5	Dry	5/14/2019 11:20:00 AM	5/22/2019 3:02:00 AM	2,4-Dinitrophenol	n/a	<	2	µg/L	EPA 8270C	2	4	WKL	
ME-CC	2018/19-5	Dry	5/14/2019 11:20:00 AM	5/24/2019 8:44:00 PM	2,4-Dinitrotoluene	n/a	<	0.36	µg/L	EPA 625	0.36	2	WKL	
ME-CC	2018/19-5	Dry	5/14/2019 11:20:00 AM	5/24/2019 8:44:00 PM	2,6-Dinitrotoluene	n/a	<	0.54	µg/L	EPA 625	0.54	2	WKL	
ME-CC	2018/19-5	Dry	5/14/2019 11:20:00 AM	5/17/2019 1:39:00 AM	2-Chloroethyl vinyl ether	n/a	<	0.28	µg/L	EPA 624	0.28	1	WKL	
ME-CC	2018/19-5	Dry	5/14/2019 11:20:00 AM	5/24/2019 8:44:00 PM	2-Chloronaphthalene	n/a	<	0.9	µg/L	EPA 625	0.9	2	WKL	
ME-CC	2018/19-5	Dry	5/14/2019 11:20:00 AM	5/24/2019 8:44:00 PM	2-Chlorophenol	n/a	<	0.56	µg/L	EPA 625	0.56	2	WKL	
ME-CC	2018/19-5	Dry	5/14/2019 11:20:00 AM	5/22/2019 3:02:00 AM	2-Chlorophenol	n/a	<	1.3	µg/L	EPA 8270C	1.3	2	WKL	
ME-CC	2018/19-5	Dry	5/14/2019 11:20:00 AM	6/8/2019 6:16:00 AM	2-Methylnaphthalene	n/a	<	0.2	µg/L	EPA 8270C	0.2	0.2	WKL	
ME-CC	2018/19-5	Dry	5/14/2019 11:20:00 AM	5/22/2019 3:02:00 AM	2-Methylphenol	n/a	<	0.68	µg/L	EPA 8270C	0.68	2	WKL	
ME-CC	2018/19-5	Dry	5/14/2019 11:20:00 AM	5/24/2019 8:44:00 PM	2-Nitrophenol	n/a	<	0.52	µg/L	EPA 625	0.52	2	WKL	
ME-CC	2018/19-5	Dry	5/14/2019 11:20:00 AM	5/22/2019 3:02:00 AM	2-Nitrophenol	n/a	<	1.4	µg/L	EPA 8270C	1.4	2	WKL	
ME-CC	2018/19-5	Dry	5/14/2019 11:20:00 AM	5/24/2019 8:44:00 PM	3,3'-Dichlorobenzidine	n/a	<	2.4	µg/L	EPA 625	2.4	10	WKL	
ME-CC	2018/19-5	Dry	5/14/2019 11:20:00 AM	5/22/2019 3:02:00 AM	3-/4-Methylphenol	n/a	<	0.6	µg/L	EPA 8270C	0.6	2	WKL	
ME-CC	2018/19-5	Dry	5/14/2019 11:20:00 AM	5/24/2019 8:44:00 PM	4,6-Dinitro-2-methylphenol	n/a	<	3.4	µg/L	EPA 625	3.4	10	WKL	
ME-CC	2018/19-5	Dry	5/14/2019 11:20:00 AM	5/22/2019 3:02:00 AM	4,6-Dinitro-2-methylphenol	n/a	<	0.28	µg/L	EPA 8270C	0.28	2	WKL	
ME-CC	2018/19-5	Dry	5/14/2019 11:20:00 AM	5/24/2019 8:44:00 PM	4-Bromophenyl phenyl ether	n/a	<	0.72	µg/L	EPA 625	0.72	2	WKL	
ME-CC	2018/19-5	Dry	5/14/2019 11:20:00 AM	5/24/2019 8:44:00 PM	4-Chloro-3-methylphenol	n/a	<	0.46	µg/L	EPA 625	0.46	2	WKL	
ME-CC	2018/19-5	Dry	5/14/2019 11:20:00 AM	5/22/2019 3:02:00 AM	4-Chloro-3-methylphenol	n/a	<	0.74	µg/L	EPA 8270C	0.74	2	WKL	
ME-CC	2018/19-5	Dry	5/14/2019 11:20:00 AM	5/24/2019 8:44:00 PM	4-Chlorophenyl phenyl ether	n/a	<	0.82	µg/L	EPA 625	0.82	2	WKL	
ME-CC	2018/19-5	Dry	5/14/2019 11:20:00 AM	5/24/2019 8:44:00 PM	4-Nitrophenol	n/a	<	0.9	µg/L	EPA 625	0.9	10	WKL	
ME-CC	2018/19-5	Dry	5/14/2019 11:20:00 AM	5/22/2019 3:02:00 AM	4-Nitrophenol	n/a	<	2	µg/L	EPA 8270C	2	4	WKL	
ME-CC	2018/19-5	Dry	5/14/2019 11:20:00 AM	5/24/2019 8:44:00 PM	Acenaphthene	n/a	<	0.76	µg/L	EPA 625	0.76	2	WKL	
ME-CC	2018/19-5	Dry	5/14/2019 11:20:00 AM	6/8/2019 6:16:00 AM	Acenaphthene	n/a	<	0.2	µg/L	EPA 8270C	0.2	0.2	WKL	
ME-CC	2018/19-5	Dry	5/14/2019 11:20:00 AM	5/24/2019 8:44:00 PM	Acenaphthylene	n/a	<	0.8	µg/L	EPA 625	0.8	2	WKL	
ME-CC	2018/19-5	Dry	5/14/2019 11:20:00 AM	6/8/2019 6:16:00 AM	Acenaphthylene	n/a	<	0.2	µg/L	EPA 8270C	0.2	0.2	WKL	
ME-CC	2018/19-5	Dry	5/14/2019 11:20:00 AM	6/8/2019 6:16:00 AM	Anthracene	n/a	<	0.2	µg/L	EPA 8270C	0.2	0.2	WKL	

Appendix G
Laboratory Environmental Analysis Results

Site ID	Event	Event Type	Sample Date	Analysis Date	Constituent	Fraction	Sign	Result	Units	Method	MDL	Reporting Limit	Analyzing Laboratory	Qualifier
ME-CC	2018/19-5	Dry	5/14/2019 11:20:00 AM	5/24/2019 8:44:00 PM	Anthracene	n/a	<	0.68	µg/L	EPA 625	0.68	2	WKL	
ME-CC	2018/19-5	Dry	5/14/2019 11:20:00 AM	5/24/2019 8:44:00 PM	Benz(a)anthracene	n/a	<	0.38	µg/L	EPA 625	0.38	2	WKL	
ME-CC	2018/19-5	Dry	5/14/2019 11:20:00 AM	6/8/2019 6:16:00 AM	Benz(a)anthracene	n/a	<	0.2	µg/L	EPA 8270C	0.2	0.2	WKL	
ME-CC	2018/19-5	Dry	5/14/2019 11:20:00 AM	5/24/2019 8:44:00 PM	Benzo(a)pyrene	n/a	<	7.3	µg/L	EPA 625	7.3	20	WKL	
ME-CC	2018/19-5	Dry	5/14/2019 11:20:00 AM	5/17/2019 1:41:00 AM	Benzo(a)pyrene	n/a	<	0.35	µg/L	EPA 525.2	0.35	0.5	WKL	
ME-CC	2018/19-5	Dry	5/14/2019 11:20:00 AM	5/24/2019 8:44:00 PM	Benzo(a)pyrene	n/a	<	0.26	µg/L	EPA 625	0.26	2	WKL	
ME-CC	2018/19-5	Dry	5/14/2019 11:20:00 AM	6/8/2019 6:16:00 AM	Benzo(a)pyrene	n/a	<	0.2	µg/L	EPA 8270C	0.2	0.2	WKL	
ME-CC	2018/19-5	Dry	5/14/2019 11:20:00 AM	6/8/2019 6:16:00 AM	Benzo(b)fluoranthene	n/a	<	0.2	µg/L	EPA 8270C	0.2	0.2	WKL	
ME-CC	2018/19-5	Dry	5/14/2019 11:20:00 AM	5/24/2019 8:44:00 PM	Benzo(b)fluoranthene	n/a	<	0.28	µg/L	EPA 625	0.28	2	WKL	
ME-CC	2018/19-5	Dry	5/14/2019 11:20:00 AM	5/24/2019 8:44:00 PM	Benzo(g,h,i)perylene	n/a	<	0.2	µg/L	EPA 625	0.2	4	WKL	
ME-CC	2018/19-5	Dry	5/14/2019 11:20:00 AM	6/8/2019 6:16:00 AM	Benzo(g,h,i)perylene	n/a	<	0.2	µg/L	EPA 8270C	0.2	0.2	WKL	
ME-CC	2018/19-5	Dry	5/14/2019 11:20:00 AM	5/24/2019 8:44:00 PM	Benzo(k)fluoranthene	n/a	<	0.44	µg/L	EPA 625	0.44	2	WKL	
ME-CC	2018/19-5	Dry	5/14/2019 11:20:00 AM	6/8/2019 6:16:00 AM	Benzo(k)fluoranthene	n/a	<	0.2	µg/L	EPA 8270C	0.2	0.2	WKL	
ME-CC	2018/19-5	Dry	5/14/2019 11:20:00 AM	5/24/2019 8:44:00 PM	Bis(2-chloroethoxy)methane	n/a	<	0.5	µg/L	EPA 625	0.5	2	WKL	
ME-CC	2018/19-5	Dry	5/14/2019 11:20:00 AM	5/24/2019 8:44:00 PM	Bis(2-chloroethyl)ether	n/a	<	0.54	µg/L	EPA 625	0.54	2	WKL	
ME-CC	2018/19-5	Dry	5/14/2019 11:20:00 AM	5/24/2019 8:44:00 PM	Bis(2-chloroisopropyl)ether	n/a	<	0.76	µg/L	EPA 625	0.76	2	WKL	
ME-CC	2018/19-5	Dry	5/14/2019 11:20:00 AM	5/17/2019 1:41:00 AM	Bis(2-ethylhexyl)adipate	n/a	<	0.52	µg/L	EPA 525.2	0.52	25	WKL	
ME-CC	2018/19-5	Dry	5/14/2019 11:20:00 AM	5/17/2019 1:41:00 AM	Bis(2-ethylhexyl)phthalate	n/a	<	5.3	µg/L	EPA 525.2	5.3	15	WKL	
ME-CC	2018/19-5	Dry	5/14/2019 11:20:00 AM	5/24/2019 8:44:00 PM	Bis(2-ethylhexyl)phthalate	n/a	<	4.6	µg/L	EPA 625	4.6	10	WKL	
ME-CC	2018/19-5	Dry	5/14/2019 11:20:00 AM	5/24/2019 8:44:00 PM	Butyl benzyl phthalate	n/a	<	0.36	µg/L	EPA 625	0.36	2	WKL	
ME-CC	2018/19-5	Dry	5/14/2019 11:20:00 AM	5/24/2019 8:44:00 PM	Chrysene	n/a	<	0.38	µg/L	EPA 625	0.38	2	WKL	
ME-CC	2018/19-5	Dry	5/14/2019 11:20:00 AM	6/8/2019 6:16:00 AM	Chrysene	n/a	<	0.2	µg/L	EPA 8270C	0.2	0.2	WKL	
ME-CC	2018/19-5	Dry	5/14/2019 11:20:00 AM	5/24/2019 8:44:00 PM	Dibenz(a,h)anthracene	n/a	<	0.16	µg/L	EPA 625	0.16	4	WKL	
ME-CC	2018/19-5	Dry	5/14/2019 11:20:00 AM	6/8/2019 6:16:00 AM	Dibenz(a,h)anthracene	n/a	<	0.2	µg/L	EPA 8270C	0.2	0.2	WKL	
ME-CC	2018/19-5	Dry	5/14/2019 11:20:00 AM	5/24/2019 8:44:00 PM	Diethyl phthalate	n/a	<	0.3	µg/L	EPA 625	0.3	2	WKL	
ME-CC	2018/19-5	Dry	5/14/2019 11:20:00 AM	5/24/2019 8:44:00 PM	Dimethyl phthalate	n/a	<	0.36	µg/L	EPA 625	0.36	2	WKL	
ME-CC	2018/19-5	Dry	5/14/2019 11:20:00 AM	5/24/2019 8:44:00 PM	Di-n-butylphthalate	n/a	<	0.48	µg/L	EPA 625	0.48	2	WKL	
ME-CC	2018/19-5	Dry	5/14/2019 11:20:00 AM	5/24/2019 8:44:00 PM	Di-n-octylphthalate	n/a	<	0.38	µg/L	EPA 625	0.38	2	WKL	
ME-CC	2018/19-5	Dry	5/14/2019 11:20:00 AM	5/24/2019 8:44:00 PM	Fluoranthene	n/a	<	0.44	µg/L	EPA 625	0.44	2	WKL	
ME-CC	2018/19-5	Dry	5/14/2019 11:20:00 AM	6/8/2019 6:16:00 AM	Fluoranthene	n/a	<	0.2	µg/L	EPA 8270C	0.2	0.2	WKL	
ME-CC	2018/19-5	Dry	5/14/2019 11:20:00 AM	5/24/2019 8:44:00 PM	Fluorene	n/a	<	0.7	µg/L	EPA 625	0.7	2	WKL	
ME-CC	2018/19-5	Dry	5/14/2019 11:20:00 AM	6/8/2019 6:16:00 AM	Fluorene	n/a	<	0.2	µg/L	EPA 8270C	0.2	0.2	WKL	
ME-CC	2018/19-5	Dry	5/14/2019 11:20:00 AM	5/24/2019 8:44:00 PM	Hexachlorobenzene	n/a	<	0.98	µg/L	EPA 625	0.98	2	WKL	
ME-CC	2018/19-5	Dry	5/14/2019 11:20:00 AM	5/24/2019 8:44:00 PM	Hexachlorobutadiene	n/a	<	0.94	µg/L	EPA 625	0.94	2	WKL	
ME-CC	2018/19-5	Dry	5/14/2019 11:20:00 AM	5/24/2019 8:44:00 PM	Hexachlorocyclopentadiene	n/a	<	2.9	µg/L	EPA 625	2.9	10	WKL	
ME-CC	2018/19-5	Dry	5/14/2019 11:20:00 AM	5/24/2019 8:44:00 PM	Hexachloroethane	n/a	<	1	µg/L	EPA 625	1	2	WKL	
ME-CC	2018/19-5	Dry	5/14/2019 11:20:00 AM	5/24/2019 8:44:00 PM	Indeno(1,2,3-cd)pyrene	n/a	<	0.24	µg/L	EPA 625	0.24	4	WKL	
ME-CC	2018/19-5	Dry	5/14/2019 11:20:00 AM	6/8/2019 6:16:00 AM	Indeno(1,2,3-cd)pyrene	n/a	<	0.2	µg/L	EPA 8270C	0.2	0.2	WKL	
ME-CC	2018/19-5	Dry	5/14/2019 11:20:00 AM	5/24/2019 8:44:00 PM	Isophorone	n/a	<	0.42	µg/L	EPA 625	0.42	2	WKL	
ME-CC	2018/19-5	Dry	5/14/2019 11:20:00 AM	5/17/2019 1:39:00 AM	Methyl tert-butyl ether (MTBE)	n/a	<	0.25	µg/L	EPA 624	0.25	1	WKL	
ME-CC	2018/19-5	Dry	5/14/2019 11:20:00 AM	5/24/2019 8:44:00 PM	Naphthalene	n/a	<	0.98	µg/L	EPA 625	0.98	2	WKL	
ME-CC	2018/19-5	Dry	5/14/2019 11:20:00 AM	6/8/2019 6:16:00 AM	Naphthalene	n/a	<	0.2	µg/L	EPA 8270C	0.2	0.2	WKL	
ME-CC	2018/19-5	Dry	5/14/2019 11:20:00 AM	5/24/2019 8:44:00 PM	Nitrobenzene	n/a	<	0.72	µg/L	EPA 625	0.72	2	WKL	
ME-CC	2018/19-5	Dry	5/14/2019 11:20:00 AM	5/24/2019 8:44:00 PM	N-Nitrosodimethylamine	n/a	<	0.28	µg/L	EPA 625	0.28	2	WKL	
ME-CC	2018/19-5	Dry	5/14/2019 11:20:00 AM	5/24/2019 8:44:00 PM	N-Nitrosodi-N-propylamine	n/a	<	0.52	µg/L	EPA 625	0.52	2	WKL	
ME-CC	2018/19-5	Dry	5/14/2019 11:20:00 AM	5/24/2019 8:44:00 PM	N-Nitrosodiphenylamine	n/a	<	0.38	µg/L	EPA 625	0.38	2	WKL	
ME-CC	2018/19-5	Dry	5/14/2019 11:20:00 AM	5/24/2019 8:44:00 PM	Phenanthrene	n/a	<	0.64	µg/L	EPA 625	0.64	2	WKL	
ME-CC	2018/19-5	Dry	5/14/2019 11:20:00 AM	6/8/2019 6:16:00 AM	Phenanthrene	n/a	<	0.2	µg/L	EPA 8270C	0.2	0.2	WKL	

Appendix G
Laboratory Environmental Analysis Results

Site ID	Event	Event Type	Sample Date	Analysis Date	Constituent	Fraction	Sign	Result	Units	Method	MDL	Reporting Limit	Analyzing Laboratory	Qualifier
ME-CC	2018/19-5	Dry	5/14/2019 11:20:00 AM	5/24/2019 8:44:00 PM	Phenol	n/a	<	0.32	µg/L	EPA 625	0.32	2	WKL	
ME-CC	2018/19-5	Dry	5/14/2019 11:20:00 AM	5/22/2019 3:02:00 AM	Phenol	n/a	<	0.7	µg/L	EPA 8270C	0.7	2	WKL	
ME-CC	2018/19-5	Dry	5/14/2019 11:20:00 AM	6/8/2019 6:16:00 AM	Pyrene	n/a	<	0.2	µg/L	EPA 8270C	0.2	0.2	WKL	
ME-CC	2018/19-5	Dry	5/14/2019 11:20:00 AM	5/24/2019 8:44:00 PM	Pyrene	n/a	<	0.5	µg/L	EPA 625	0.5	2	WKL	
ME-CC	2018/19-5	Dry	5/14/2019 11:20:00 AM	5/21/2019 8:56:00 PM	PCB Aroclor 1016	n/a	<	0.5	µg/L	EPA 608	0.5	5	WKL	
ME-CC	2018/19-5	Dry	5/14/2019 11:20:00 AM	5/21/2019 8:56:00 PM	PCB Aroclor 1221	n/a	<	0.6	µg/L	EPA 608	0.6	5	WKL	
ME-CC	2018/19-5	Dry	5/14/2019 11:20:00 AM	5/21/2019 8:56:00 PM	PCB Aroclor 1232	n/a	<	1.5	µg/L	EPA 608	1.5	5	WKL	
ME-CC	2018/19-5	Dry	5/14/2019 11:20:00 AM	5/21/2019 8:56:00 PM	PCB Aroclor 1242	n/a	<	0.7	µg/L	EPA 608	0.7	5	WKL	
ME-CC	2018/19-5	Dry	5/14/2019 11:20:00 AM	5/21/2019 8:56:00 PM	PCB Aroclor 1248	n/a	<	0.6	µg/L	EPA 608	0.6	5	WKL	
ME-CC	2018/19-5	Dry	5/14/2019 11:20:00 AM	5/21/2019 8:56:00 PM	PCB Aroclor 1254	n/a	<	0.4	µg/L	EPA 608	0.4	5	WKL	
ME-CC	2018/19-5	Dry	5/14/2019 11:20:00 AM	5/21/2019 8:56:00 PM	PCB Aroclor 1260	n/a	<	0.4	µg/L	EPA 608	0.4	5	WKL	
ME-CC	2018/19-5	Dry	5/14/2019 11:20:00 AM	5/24/2019 1:10:00 AM	2,4,5-T	n/a	<	0.07	µg/L	EPA 515.4	0.07	0.2	WKL	
ME-CC	2018/19-5	Dry	5/14/2019 11:20:00 AM	5/24/2019 1:10:00 AM	2,4,5-TP	n/a	<	0.09	µg/L	EPA 515.4	0.09	0.2	WKL	
ME-CC	2018/19-5	Dry	5/14/2019 11:20:00 AM	5/24/2019 1:10:00 AM	2,4-D	n/a	<	0.07	µg/L	EPA 515.4	0.07	0.4	WKL	
ME-CC	2018/19-5	Dry	5/14/2019 11:20:00 AM	5/24/2019 1:10:00 AM	2,4-DB	n/a	<	0.07	µg/L	EPA 515.4	0.07	2	WKL	
ME-CC	2018/19-5	Dry	5/14/2019 11:20:00 AM	5/24/2019 1:10:00 AM	3,5-Dichlorobenzoic acid	n/a	<	0.09	µg/L	EPA 515.4	0.09	1	WKL	
ME-CC	2018/19-5	Dry	5/14/2019 11:20:00 AM	5/21/2019 8:56:00 PM	4,4'-DDD	n/a	<	0.03	µg/L	EPA 608	0.03	0.5	WKL	
ME-CC	2018/19-5	Dry	5/14/2019 11:20:00 AM	5/21/2019 8:56:00 PM	4,4'-DDE	n/a	<	0.025	µg/L	EPA 608	0.025	0.5	WKL	
ME-CC	2018/19-5	Dry	5/14/2019 11:20:00 AM	5/21/2019 8:56:00 PM	4,4'-DDT	n/a	<	0.031	µg/L	EPA 608	0.031	0.1	WKL	
ME-CC	2018/19-5	Dry	5/14/2019 11:20:00 AM	5/24/2019 1:10:00 AM	Acifluorfen	n/a	<	0.06	µg/L	EPA 515.4	0.06	0.4	WKL	
ME-CC	2018/19-5	Dry	5/14/2019 11:20:00 AM	5/17/2019 1:41:00 AM	Alachlor	n/a	<	0.11	µg/L	EPA 525.2	0.11	0.5	WKL	
ME-CC	2018/19-5	Dry	5/14/2019 11:20:00 AM	5/21/2019 8:56:00 PM	Aldrin	n/a	<	0.015	µg/L	EPA 608	0.015	0.05	WKL	
ME-CC	2018/19-5	Dry	5/14/2019 11:20:00 AM	5/21/2019 8:56:00 PM	alpha-BHC	n/a	<	0.018	µg/L	EPA 608	0.018	0.1	WKL	
ME-CC	2018/19-5	Dry	5/14/2019 11:20:00 AM	5/21/2019 8:56:00 PM	alpha-Chlordane	n/a	<	0.041	µg/L	EPA 608	0.041	0.1	WKL	
ME-CC	2018/19-5	Dry	5/14/2019 11:20:00 AM	5/17/2019 1:41:00 AM	Atrazine	n/a	<	0.17	µg/L	EPA 525.2	0.17	0.5	WKL	
ME-CC	2018/19-5	Dry	5/14/2019 11:20:00 AM	6/3/2019 1:58:00 PM	Azinphos methyl	n/a	<	0.0055	µg/L	EPA 525.2m	0.0055	0.01	WKL	
ME-CC	2018/19-5	Dry	5/14/2019 11:20:00 AM	5/24/2019 1:10:00 AM	Bentazon	n/a	<	0.11	µg/L	EPA 515.4	0.11	2	WKL	
ME-CC	2018/19-5	Dry	5/14/2019 11:20:00 AM	5/21/2019 8:56:00 PM	beta-BHC	n/a	<	0.031	µg/L	EPA 608	0.031	0.05	WKL	
ME-CC	2018/19-5	Dry	5/14/2019 11:20:00 AM	6/3/2019 1:58:00 PM	Bolstar	n/a	<	0.0046	µg/L	EPA 525.2m	0.0046	0.01	WKL	
ME-CC	2018/19-5	Dry	5/14/2019 11:20:00 AM	5/17/2019 1:41:00 AM	Bromacil	n/a	<	0.19	µg/L	EPA 525.2	0.19	5	WKL	
ME-CC	2018/19-5	Dry	5/14/2019 11:20:00 AM	5/17/2019 1:41:00 AM	Butachlor	n/a	<	0.085	µg/L	EPA 525.2	0.085	1	WKL	
ME-CC	2018/19-5	Dry	5/14/2019 11:20:00 AM	5/17/2019 1:41:00 AM	Captan	n/a	<	4.3	µg/L	EPA 525.2	4.3	5	WKL	
ME-CC	2018/19-5	Dry	5/14/2019 11:20:00 AM	5/21/2019 8:56:00 PM	Chlordane (technical)	n/a	<	0.8	µg/L	EPA 608	0.8	1	WKL	
ME-CC	2018/19-5	Dry	5/14/2019 11:20:00 AM	5/17/2019 1:41:00 AM	Chlorpropham	n/a	<	0.05	µg/L	EPA 525.2	0.05	0.5	WKL	
ME-CC	2018/19-5	Dry	5/14/2019 11:20:00 AM	6/3/2019 1:58:00 PM	Chlorpyrifos	n/a	<	0.0069	µg/L	EPA 525.2m	0.0069	0.01	WKL	
ME-CC	2018/19-5	Dry	5/14/2019 11:20:00 AM	6/3/2019 1:58:00 PM	Coumaphos	n/a	<	0.0051	µg/L	EPA 525.2m	0.0051	0.01	WKL	
ME-CC	2018/19-5	Dry	5/14/2019 11:20:00 AM	5/17/2019 1:41:00 AM	Cyanazine	n/a	<	0.12	µg/L	EPA 525.2	0.12	0.5	WKL	
ME-CC	2018/19-5	Dry	5/14/2019 11:20:00 AM	5/24/2019 1:10:00 AM	Dalapon	n/a	<	0.1	µg/L	EPA 515.4	0.1	0.4	WKL	
ME-CC	2018/19-5	Dry	5/14/2019 11:20:00 AM	5/24/2019 1:10:00 AM	DCPA (Daacthal)	n/a	=	1	µg/L	EPA 515.4	0.07	0.1	WKL	
ME-CC	2018/19-5	Dry	5/14/2019 11:20:00 AM	5/21/2019 8:56:00 PM	delta-BHC	n/a	<	0.025	µg/L	EPA 608	0.025	0.05	WKL	
ME-CC	2018/19-5	Dry	5/14/2019 11:20:00 AM	6/3/2019 1:58:00 PM	Demeton-O	n/a	<	0.01	µg/L	EPA 525.2m	0.01	0.01	WKL	
ME-CC	2018/19-5	Dry	5/14/2019 11:20:00 AM	6/3/2019 1:58:00 PM	Demeton-S	n/a	<	0.01	µg/L	EPA 525.2m	0.01	0.01	WKL	
ME-CC	2018/19-5	Dry	5/14/2019 11:20:00 AM	5/17/2019 1:41:00 AM	Diazinon	n/a	<	0.48	µg/L	EPA 525.2	0.48	0.5	WKL	
ME-CC	2018/19-5	Dry	5/14/2019 11:20:00 AM	6/3/2019 1:58:00 PM	Diazinon	n/a	<	0.0052	µg/L	EPA 525.2m	0.0052	0.01	WKL	
ME-CC	2018/19-5	Dry	5/14/2019 11:20:00 AM	5/24/2019 1:10:00 AM	Dicamba	n/a	<	0.12	µg/L	EPA 515.4	0.12	0.6	WKL	
ME-CC	2018/19-5	Dry	5/14/2019 11:20:00 AM	5/24/2019 1:10:00 AM	Dichlorprop	n/a	<	0.08	µg/L	EPA 515.4	0.08	0.3	WKL	
ME-CC	2018/19-5	Dry	5/14/2019 11:20:00 AM	6/3/2019 1:58:00 PM	Dichlorvos	n/a	<	0.0029	µg/L	EPA 525.2m	0.0029	0.01	WKL	
ME-CC	2018/19-5	Dry	5/14/2019 11:20:00 AM	5/21/2019 8:56:00 PM	Dieldrin	n/a	<	0.021	µg/L	EPA 608	0.021	0.1	WKL	

Appendix G
Laboratory Environmental Analysis Results

Site ID	Event	Event Type	Sample Date	Analysis Date	Constituent	Fraction	Sign	Result	Units	Method	MDL	Reporting Limit	Analyzing Laboratory	Qualifier
ME-CC	2018/19-5	Dry	5/14/2019 11:20:00 AM	6/3/2019 1:58:00 PM	Dimethoate	n/a	<	0.0062	µg/L	EPA 525.2m	0.0062	0.01	WKL	
ME-CC	2018/19-5	Dry	5/14/2019 11:20:00 AM	5/17/2019 1:41:00 AM	Dimethoate	n/a	<	0.12	µg/L	EPA 525.2	0.12	1	WKL	
ME-CC	2018/19-5	Dry	5/14/2019 11:20:00 AM	5/24/2019 1:10:00 AM	Dinoseb	n/a	<	0.14	µg/L	EPA 515.4	0.14	0.4	WKL	
ME-CC	2018/19-5	Dry	5/14/2019 11:20:00 AM	5/17/2019 1:41:00 AM	Diphenamid	n/a	<	0.12	µg/L	EPA 525.2	0.12	0.5	WKL	
ME-CC	2018/19-5	Dry	5/14/2019 11:20:00 AM	5/17/2019 1:41:00 AM	Disulfoton	n/a	<	0.16	µg/L	EPA 525.2	0.16	0.5	WKL	
ME-CC	2018/19-5	Dry	5/14/2019 11:20:00 AM	6/3/2019 1:58:00 PM	Disulfoton	n/a	<	0.01	µg/L	EPA 525.2m	0.01	0.01	WKL	
ME-CC	2018/19-5	Dry	5/14/2019 11:20:00 AM	5/21/2019 8:56:00 PM	Endosulfan I	n/a	<	0.017	µg/L	EPA 608	0.017	0.2	WKL	
ME-CC	2018/19-5	Dry	5/14/2019 11:20:00 AM	5/21/2019 8:56:00 PM	Endosulfan II	n/a	<	0.019	µg/L	EPA 608	0.019	0.1	WKL	
ME-CC	2018/19-5	Dry	5/14/2019 11:20:00 AM	5/21/2019 8:56:00 PM	Endosulfan sulfate	n/a	<	0.08	µg/L	EPA 608	0.08	0.5	WKL	
ME-CC	2018/19-5	Dry	5/14/2019 11:20:00 AM	5/21/2019 8:56:00 PM	Endrin	n/a	<	0.028	µg/L	EPA 608	0.028	0.1	WKL	
ME-CC	2018/19-5	Dry	5/14/2019 11:20:00 AM	5/21/2019 8:56:00 PM	Endrin aldehyde	n/a	<	0.03	µg/L	EPA 608	0.03	0.1	WKL	
ME-CC	2018/19-5	Dry	5/14/2019 11:20:00 AM	5/17/2019 1:41:00 AM	EPTC	n/a	<	0.085	µg/L	EPA 525.2	0.085	5	WKL	
ME-CC	2018/19-5	Dry	5/14/2019 11:20:00 AM	6/3/2019 1:58:00 PM	Ethoprop	n/a	<	0.0067	µg/L	EPA 525.2m	0.0067	0.01	WKL	
ME-CC	2018/19-5	Dry	5/14/2019 11:20:00 AM	6/3/2019 1:58:00 PM	Ethyl parathion	n/a	<	0.0054	µg/L	EPA 525.2m	0.0054	0.01	WKL	
ME-CC	2018/19-5	Dry	5/14/2019 11:20:00 AM	6/3/2019 1:58:00 PM	Fensulfothion	n/a	<	0.0029	µg/L	EPA 525.2m	0.0029	0.01	WKL	
ME-CC	2018/19-5	Dry	5/14/2019 11:20:00 AM	6/3/2019 1:58:00 PM	Fenthion	n/a	<	0.0038	µg/L	EPA 525.2m	0.0038	0.01	WKL	
ME-CC	2018/19-5	Dry	5/14/2019 11:20:00 AM	5/21/2019 8:56:00 PM	gamma-BHC (Lindane)	n/a	<	0.021	µg/L	EPA 608	0.021	0.2	WKL	
ME-CC	2018/19-5	Dry	5/14/2019 11:20:00 AM	5/21/2019 8:56:00 PM	gamma-Chlordane	n/a	<	0.044	µg/L	EPA 608	0.044	0.1	WKL	
ME-CC	2018/19-5	Dry	5/14/2019 11:20:00 AM	5/15/2019 6:01:00 PM	Glyphosate	n/a	<	1.8	µg/L	EPA 547	1.8	5	WKL	
ME-CC	2018/19-5	Dry	5/14/2019 11:20:00 AM	5/21/2019 8:56:00 PM	Heptachlor	n/a	<	0.017	µg/L	EPA 608	0.017	0.1	WKL	
ME-CC	2018/19-5	Dry	5/14/2019 11:20:00 AM	5/21/2019 8:56:00 PM	Heptachlor epoxide	n/a	<	0.019	µg/L	EPA 608	0.019	0.1	WKL	
ME-CC	2018/19-5	Dry	5/14/2019 11:20:00 AM	6/3/2019 1:58:00 PM	Malathion	n/a	<	0.0076	µg/L	EPA 525.2m	0.0076	0.01	WKL	
ME-CC	2018/19-5	Dry	5/14/2019 11:20:00 AM	6/3/2019 1:58:00 PM	Merphos	n/a	<	0.0058	µg/L	EPA 525.2m	0.0058	0.01	WKL	
ME-CC	2018/19-5	Dry	5/14/2019 11:20:00 AM	5/21/2019 8:56:00 PM	Methoxychlor	n/a	<	0.054	µg/L	EPA 608	0.054	0.2	WKL	
ME-CC	2018/19-5	Dry	5/14/2019 11:20:00 AM	6/3/2019 1:58:00 PM	Methyl parathion	n/a	<	0.0063	µg/L	EPA 525.2m	0.0063	0.01	WKL	
ME-CC	2018/19-5	Dry	5/14/2019 11:20:00 AM	5/17/2019 1:41:00 AM	Metolachlor	n/a	<	0.06	µg/L	EPA 525.2	0.06	0.5	WKL	
ME-CC	2018/19-5	Dry	5/14/2019 11:20:00 AM	5/17/2019 1:41:00 AM	Metribuzin	n/a	<	0.075	µg/L	EPA 525.2	0.075	0.5	WKL	
ME-CC	2018/19-5	Dry	5/14/2019 11:20:00 AM	6/3/2019 1:58:00 PM	Mevinphos	n/a	<	0.0042	µg/L	EPA 525.2m	0.0042	0.01	WKL	
ME-CC	2018/19-5	Dry	5/14/2019 11:20:00 AM	5/17/2019 1:41:00 AM	Molinate	n/a	<	0.2	µg/L	EPA 525.2	0.2	0.5	WKL	
ME-CC	2018/19-5	Dry	5/14/2019 11:20:00 AM	6/3/2019 1:58:00 PM	Naled	n/a	<	0.0076	µg/L	EPA 525.2m	0.0076	0.01	WKL	
ME-CC	2018/19-5	Dry	5/14/2019 11:20:00 AM	5/24/2019 1:10:00 AM	Pentachlorophenol	n/a	<	0.04	µg/L	EPA 515.4	0.04	0.2	WKL	
ME-CC	2018/19-5	Dry	5/14/2019 11:20:00 AM	5/24/2019 8:44:00 PM	Pentachlorophenol	n/a	<	0.38	µg/L	EPA 625	0.38	2	WKL	
ME-CC	2018/19-5	Dry	5/14/2019 11:20:00 AM	5/22/2019 3:02:00 AM	Pentachlorophenol	n/a	<	0.3	µg/L	EPA 8270C	0.3	2	WKL	
ME-CC	2018/19-5	Dry	5/14/2019 11:20:00 AM	6/3/2019 1:58:00 PM	Phorate	n/a	<	0.003	µg/L	EPA 525.2m	0.003	0.01	WKL	
ME-CC	2018/19-5	Dry	5/14/2019 11:20:00 AM	5/24/2019 1:10:00 AM	Picloram	n/a	<	0.05	µg/L	EPA 515.4	0.05	0.6	WKL	
ME-CC	2018/19-5	Dry	5/14/2019 11:20:00 AM	5/17/2019 1:41:00 AM	Prometon	n/a	<	0.12	µg/L	EPA 525.2	0.12	1	WKL	
ME-CC	2018/19-5	Dry	5/14/2019 11:20:00 AM	5/17/2019 1:41:00 AM	Prometryn	n/a	<	0.18	µg/L	EPA 525.2	0.18	0.5	WKL	
ME-CC	2018/19-5	Dry	5/14/2019 11:20:00 AM	6/3/2019 1:58:00 PM	Ronnel (Fenchlorphos)	n/a	<	0.0041	µg/L	EPA 525.2m	0.0041	0.01	WKL	
ME-CC	2018/19-5	Dry	5/14/2019 11:20:00 AM	5/17/2019 1:41:00 AM	Simazine	n/a	<	0.075	µg/L	EPA 525.2	0.075	0.5	WKL	
ME-CC	2018/19-5	Dry	5/14/2019 11:20:00 AM	6/3/2019 1:58:00 PM	Stirophos (Tetrachlorvinphos)	n/a	<	0.0031	µg/L	EPA 525.2m	0.0031	0.01	WKL	
ME-CC	2018/19-5	Dry	5/14/2019 11:20:00 AM	5/17/2019 1:41:00 AM	Terbacil	n/a	<	2.8	µg/L	EPA 525.2	2.8	10	WKL	
ME-CC	2018/19-5	Dry	5/14/2019 11:20:00 AM	5/17/2019 1:41:00 AM	Thiobencarb	n/a	<	0.12	µg/L	EPA 525.2	0.12	1	WKL	
ME-CC	2018/19-5	Dry	5/14/2019 11:20:00 AM	6/3/2019 1:58:00 PM	Tokuthion	n/a	<	0.0078	µg/L	EPA 525.2m	0.0078	0.01	WKL	
ME-CC	2018/19-5	Dry	5/14/2019 11:20:00 AM	5/21/2019 8:56:00 PM	Toxaphene	n/a	<	1.2	µg/L	EPA 608	1.2	5	WKL	
ME-CC	2018/19-5	Dry	5/14/2019 11:20:00 AM	6/3/2019 1:58:00 PM	Trichloronate	n/a	<	0.0067	µg/L	EPA 525.2m	0.0067	0.01	WKL	
ME-CC	2018/19-5	Dry	5/14/2019 11:20:00 AM	5/17/2019 1:41:00 AM	Trithion	n/a	<	0.06	µg/L	EPA 525.2	0.06	0.5	WKL	
ME-SCR	2018/19-2	Wet	11/29/2018 4:30:00 PM	11/29/2018 4:30:00 PM	Conductivity	n/a	=	1506	µmhos/cm	Field Meter	-88	1	Field Crew	
ME-SCR	2018/19-2	Wet	11/29/2018 4:30:00 PM	12/13/2018	Cyanide	Total	=	0.0059	mg/L	ASTM D7511	0.0005	0.002	WKL	

Appendix G
Laboratory Environmental Analysis Results

Site ID	Event	Event Type	Sample Date	Analysis Date	Constituent	Fraction	Sign	Result	Units	Method	MDL	Reporting Limit	Analyzing Laboratory	Qualifier
ME-SCR	2018/19-2	Wet	11/29/2018 4:30:00 PM	11/29/2018 4:30:00 PM	DO	n/a	=	4.57	mg/L	Field Meter	-88	0.3	Field Crew	
ME-SCR	2018/19-2	Wet	11/29/2018 4:30:00 PM	11/29/2018 4:30:00 PM	DO	n/a	=	46.2	%	Field Meter	-88	0.1	Field Crew	
ME-SCR	2018/19-2	Wet	11/29/2018 4:30:00 PM	11/29/2018 4:30:00 PM	pH	n/a	=	7.43	pH Units	Field Meter	-88	0.01	Field Crew	
ME-SCR	2018/19-2	Wet	11/29/2018 4:30:00 PM	11/29/2018 4:30:00 PM	Salinity	n/a	=	900	mg/L	Field Meter	-88	100	Field Crew	
ME-SCR	2018/19-2	Wet	11/29/2018 4:30:00 PM	11/29/2018 4:30:00 PM	Specific Conductance	n/a	=	1830	µmhos/cm	Field Meter	-88	1	Field Crew	
ME-SCR	2018/19-2	Wet	11/29/2018 4:30:00 PM	11/29/2018 4:30:00 PM	Temperature	n/a	=	15.8	°C	Field Meter	-88	0.1	Field Crew	
ME-SCR	2018/19-2	Wet	11/29/2018 4:30:00 PM	12/1/2018 5:10:00 AM	Gasoline Range Organics	n/a	<	0.012	mg/L	LUFT GC/MS	0.012	0.1	WKL	
ME-SCR	2018/19-2	Wet	11/29/2018 4:30:00 PM	12/21/2018 10:41:00 AM	Oil and Grease	n/a	<	1.3	mg/L	EPA 1664A	1.3	5	WKL	
ME-SCR	2018/19-2	Wet	11/29/2018 4:30:00 PM	12/3/2018 4:16:00 PM	2-Chloroethyl vinyl ether	n/a	<	0.28	µg/L	EPA 624	0.28	1	WKL	
ME-SCR	2018/19-2	Wet	11/29/2018 4:30:00 PM	12/3/2018 4:16:00 PM	Methyl tert-butyl ether (MTBE)	n/a	<	0.25	µg/L	EPA 624	0.25	1	WKL	
ME-SCR	2018/19-2	Wet	11/30/2018 4:25:00 AM	12/1/2018 7:10:00 AM	E. Coli	n/a	=	9804	MPN/100 mL	MMO-MUG	10	10	VCHCA	
ME-SCR	2018/19-2	Wet	11/30/2018 4:25:00 AM	12/1/2018 7:10:00 AM	Total Coliform	n/a	=	547500	MPN/100 mL	MMO-MUG	1000	1000	VCHCA	
ME-SCR	2018/19-2	Wet	11/30/2018 4:31:00 AM	12/4/2018	Chloride	n/a	=	46	mg/L	EPA 300.0	0.5	2.5	WKL	
ME-SCR	2018/19-2	Wet	11/30/2018 4:31:00 AM	12/4/2018	Fluoride	n/a	DNQ	0.34	mg/L	EPA 300.0	0.1	0.5	WKL	
ME-SCR	2018/19-2	Wet	11/30/2018 4:31:00 AM	12/2/2018 3:41:00 AM	Perchlorate	n/a	<	0.95	µg/L	EPA 314.0	0.95	2	WKL	
ME-SCR	2018/19-2	Wet	11/30/2018 4:31:00 AM	12/4/2018	Sulfate	Total	=	310	mg/L	EPA 300.0	0.5	2.5	WKL	
ME-SCR	2018/19-2	Wet	11/30/2018 4:31:00 AM	12/11/2018 1:21:00 PM	Calcium	Total	=	247	mg/L	EPA 200.7	0.32	2	WKL	
ME-SCR	2018/19-2	Wet	11/30/2018 4:31:00 AM	12/11/2018 1:21:00 PM	Magnesium	Total	=	123	mg/L	EPA 200.7	0.24	2	WKL	
ME-SCR	2018/19-2	Wet	11/30/2018 4:31:00 AM	12/11/2018 1:21:00 PM	Potassium	Total	=	44	mg/L	EPA 200.7	1.6	2	WKL	
ME-SCR	2018/19-2	Wet	11/30/2018 4:31:00 AM	12/11/2018 1:21:00 PM	Sodium	Total	=	83	mg/L	EPA 200.7	0.3	10	WKL	
ME-SCR	2018/19-2	Wet	11/30/2018 4:31:00 AM	12/11/2018 12:20:00 PM	Alkalinity as CaCO3	n/a	=	140	mg/L	SM 2320 B	0.56	2	WKL	
ME-SCR	2018/19-2	Wet	11/30/2018 4:31:00 AM	12/6/2018 4:19:00 PM	BOD	n/a	=	23	mg/L	SM 5210 B	2	2	WKL	
ME-SCR	2018/19-2	Wet	11/30/2018 4:31:00 AM	12/5/2018 4:19:00 PM	COD	n/a	=	710	mg/L	EPA 410.4	0.73	5	WKL	
ME-SCR	2018/19-2	Wet	11/30/2018 4:31:00 AM	12/20/2018 9:28:00 AM	Dissolved Inorganic Carbon	Dissolved	=	30	mg/L	SM 5310 B	0.016	0.5	WKL	
ME-SCR	2018/19-2	Wet	11/30/2018 4:31:00 AM	12/18/2018 1:32:00 PM	Dissolved Organic Carbon	Dissolved	=	15	mg/L	SM 5310 B	0.013	0.3	WKL	
ME-SCR	2018/19-2	Wet	11/30/2018 4:31:00 AM	12/11/2018 1:21:00 PM	Hardness as CaCO3	Total	=	1120	mg/L	EPA 200.7	1.79	13.2	WKL	
ME-SCR	2018/19-2	Wet	11/30/2018 4:31:00 AM	12/1/2018 7:40:00 PM	MBAS	n/a	<	0.019	mg/L	SM 5540 C	0.019	0.05	WKL	
ME-SCR	2018/19-2	Wet	11/30/2018 4:31:00 AM	12/14/2018 5:06:00 PM	Phenolics	n/a	=	0.024	mg/L	EPA 420.4	0.0042	0.01	WKL	
ME-SCR	2018/19-2	Wet	11/30/2018 4:31:00 AM	12/12/2018 5:17:00 PM	Specific Conductance	n/a	=	1100	µmhos/cm	SM 2510 B	0.23	2	WKL	
ME-SCR	2018/19-2	Wet	11/30/2018 4:31:00 AM	12/1/2018 10:20:00 PM	Total Chlorine Residual	n/a	DNQ	0.11	mg/L	SM 4500-Cl G	0.0075	0.25	WKL	EST-HT
ME-SCR	2018/19-2	Wet	11/30/2018 4:31:00 AM	12/6/2018 5:33:00 PM	Total Dissolved Solids	n/a	=	700	mg/L	SM 2540 C	4	10	WKL	
ME-SCR	2018/19-2	Wet	11/30/2018 4:31:00 AM	12/10/2018 8:52:00 AM	Total Organic Carbon	n/a	=	21	mg/L	SM 5310 B	0.009	0.3	WKL	
ME-SCR	2018/19-2	Wet	11/30/2018 4:31:00 AM	12/11/2018 1:43:00 PM	Total Suspended Solids	n/a	=	14000	mg/L	SM 2540 D	-88	5	WKL	EST-HT
ME-SCR	2018/19-2	Wet	11/30/2018 4:31:00 AM	11/30/2018 5:37:00 PM	Turbidity	n/a	=	2000	NTU	EPA 180.1	1.2	5	WKL	
ME-SCR	2018/19-2	Wet	11/30/2018 4:31:00 AM	12/3/2018 11:39:00 AM	Volatile Suspended Solids	n/a	=	1400	mg/L	EPA 160.4	3.1	5	WKL	
ME-SCR	2018/19-2	Wet	11/30/2018 4:31:00 AM	12/18/2018 11:05:00 PM	Diesel Range Organics	n/a	=	0.42	mg/L	EPA 8015D	0.024	0.1	WKL	
ME-SCR	2018/19-2	Wet	11/30/2018 4:31:00 AM	12/18/2018 11:05:00 PM	Oil Range Organics	n/a	DNQ	0.35	mg/L	EPA 8015D	0.33	0.5	WKL	
ME-SCR	2018/19-2	Wet	11/30/2018 4:31:00 AM	12/12/2018 12:15:00 PM	Aluminum	Dissolved	=	11	µg/L	EPA 200.8	1.3	5	WKL	UL-MB
ME-SCR	2018/19-2	Wet	11/30/2018 4:31:00 AM	12/12/2018 12:56:00 PM	Aluminum	Total	=	180000	µg/L	EPA 200.8	52	200	WKL	
ME-SCR	2018/19-2	Wet	11/30/2018 4:31:00 AM	12/12/2018 12:15:00 PM	Antimony	Dissolved	DNQ	0.32	µg/L	EPA 200.8	0.045	0.5	WKL	
ME-SCR	2018/19-2	Wet	11/30/2018 4:31:00 AM	12/12/2018 12:19:00 PM	Antimony	Total	DNQ	0.3	µg/L	EPA 200.8	0.09	1	WKL	
ME-SCR	2018/19-2	Wet	11/30/2018 4:31:00 AM	12/12/2018 12:15:00 PM	Arsenic	Dissolved	=	0.97	µg/L	EPA 200.8	0.074	0.4	WKL	
ME-SCR	2018/19-2	Wet	11/30/2018 4:31:00 AM	12/12/2018 12:19:00 PM	Arsenic	Total	=	50	µg/L	EPA 200.8	0.15	0.8	WKL	
ME-SCR	2018/19-2	Wet	11/30/2018 4:31:00 AM	12/12/2018 12:56:00 PM	Barium	Total	=	5200	µg/L	EPA 200.8	2.8	20	WKL	
ME-SCR	2018/19-2	Wet	11/30/2018 4:31:00 AM	12/12/2018 12:15:00 PM	Beryllium	Dissolved	<	0.033	µg/L	EPA 200.8	0.033	0.1	WKL	
ME-SCR	2018/19-2	Wet	11/30/2018 4:31:00 AM	12/12/2018 12:19:00 PM	Beryllium	Total	=	17	µg/L	EPA 200.8	0.066	0.2	WKL	
ME-SCR	2018/19-2	Wet	11/30/2018 4:31:00 AM	12/12/2018 12:15:00 PM	Cadmium	Dissolved	<	0.041	µg/L	EPA 200.8	0.041	0.1	WKL	
ME-SCR	2018/19-2	Wet	11/30/2018 4:31:00 AM	12/12/2018 12:19:00 PM	Cadmium	Total	=	4.7	µg/L	EPA 200.8	0.082	0.2	WKL	

Appendix G
Laboratory Environmental Analysis Results

Site ID	Event	Event Type	Sample Date	Analysis Date	Constituent	Fraction	Sign	Result	Units	Method	MDL	Reporting Limit	Analyzing Laboratory	Qualifier
ME-SCR	2018/19-2	Wet	11/30/2018 4:31:00 AM	12/12/2018 12:15:00 PM	Chromium	Dissolved	DNQ	0.11	µg/L	EPA 200.8	0.035	0.2	WKL	
ME-SCR	2018/19-2	Wet	11/30/2018 4:31:00 AM	12/12/2018 12:19:00 PM	Chromium	Total	=	170	µg/L	EPA 200.8	0.07	0.4	WKL	
ME-SCR	2018/19-2	Wet	11/30/2018 4:31:00 AM	12/13/2018 2:06:00 PM	Chromium VI	n/a	<	0.24	µg/L	EPA 218.6	0.24	1	WKL	
ME-SCR	2018/19-2	Wet	11/30/2018 4:31:00 AM	12/12/2018 12:15:00 PM	Copper	Dissolved	=	3.5	µg/L	EPA 200.8	0.13	0.5	WKL	
ME-SCR	2018/19-2	Wet	11/30/2018 4:31:00 AM	12/12/2018 12:19:00 PM	Copper	Total	=	320	µg/L	EPA 200.8	0.26	1	WKL	
ME-SCR	2018/19-2	Wet	11/30/2018 4:31:00 AM	12/11/2018 12:17:00 PM	Iron	Dissolved	=	12	µg/L	EPA 200.7	1.1	10	WKL	
ME-SCR	2018/19-2	Wet	11/30/2018 4:31:00 AM	12/11/2018 1:21:00 PM	Iron	Total	=	280000	µg/L	EPA 200.7	22	200	WKL	
ME-SCR	2018/19-2	Wet	11/30/2018 4:31:00 AM	12/12/2018 12:15:00 PM	Lead	Dissolved	<	0.031	µg/L	EPA 200.8	0.031	0.2	WKL	
ME-SCR	2018/19-2	Wet	11/30/2018 4:31:00 AM	12/12/2018 12:19:00 PM	Lead	Total	=	250	µg/L	EPA 200.8	0.062	0.4	WKL	
ME-SCR	2018/19-2	Wet	11/30/2018 4:31:00 AM	12/10/2018 2:00:00 PM	Mercury	Dissolved	<	17	ng/L	EPA 245.1	17	50	WKL	
ME-SCR	2018/19-2	Wet	11/30/2018 4:31:00 AM	12/10/2018 2:02:00 PM	Mercury	Total	=	740	ng/L	EPA 245.1	34	100	WKL	
ME-SCR	2018/19-2	Wet	11/30/2018 4:31:00 AM	12/12/2018 12:15:00 PM	Nickel	Dissolved	=	3.3	µg/L	EPA 200.8	0.045	0.8	WKL	
ME-SCR	2018/19-2	Wet	11/30/2018 4:31:00 AM	12/12/2018 12:19:00 PM	Nickel	Total	=	270	µg/L	EPA 200.8	0.09	1.6	WKL	
ME-SCR	2018/19-2	Wet	11/30/2018 4:31:00 AM	12/12/2018 12:15:00 PM	Selenium	Dissolved	=	2.7	µg/L	EPA 200.8	0.14	0.4	WKL	
ME-SCR	2018/19-2	Wet	11/30/2018 4:31:00 AM	12/12/2018 12:19:00 PM	Selenium	Total	=	8.2	µg/L	EPA 200.8	0.28	0.8	WKL	
ME-SCR	2018/19-2	Wet	11/30/2018 4:31:00 AM	12/12/2018 12:15:00 PM	Silver	Dissolved	<	0.062	µg/L	EPA 200.8	0.062	0.2	WKL	
ME-SCR	2018/19-2	Wet	11/30/2018 4:31:00 AM	12/12/2018 12:19:00 PM	Silver	Total	=	1.2	µg/L	EPA 200.8	0.12	0.4	WKL	
ME-SCR	2018/19-2	Wet	11/30/2018 4:31:00 AM	12/12/2018 12:15:00 PM	Thallium	Dissolved	<	0.014	µg/L	EPA 200.8	0.014	0.2	WKL	
ME-SCR	2018/19-2	Wet	11/30/2018 4:31:00 AM	12/12/2018 12:19:00 PM	Thallium	Total	=	2.1	µg/L	EPA 200.8	0.028	0.4	WKL	
ME-SCR	2018/19-2	Wet	11/30/2018 4:31:00 AM	12/12/2018 12:15:00 PM	Zinc	Dissolved	DNQ	1.2	µg/L	EPA 200.8	0.94	5	WKL	UL-MB
ME-SCR	2018/19-2	Wet	11/30/2018 4:31:00 AM	12/12/2018 12:19:00 PM	Zinc	Total	=	840	µg/L	EPA 200.8	1.9	10	WKL	
ME-SCR	2018/19-2	Wet	11/30/2018 4:31:00 AM	12/11/2018 3:32:00 PM	Ammonia as N	n/a	=	0.23	mg/L	EPA 350.1	0.048	0.1	WKL	
ME-SCR	2018/19-2	Wet	11/30/2018 4:31:00 AM	12/21/2018 11:20:00 AM	Nitrate + Nitrite as N	n/a	=	1.6	mg/L	EPA 353.2	0.083	0.2	WKL	
ME-SCR	2018/19-2	Wet	11/30/2018 4:31:00 AM	1/17/2019 4:40:00 PM	Phosphorus as P	Dissolved	=	0.12	mg/L	EPA 200.7	0.012	0.02	WKL	
ME-SCR	2018/19-2	Wet	11/30/2018 4:31:00 AM	1/17/2019 5:44:00 PM	Phosphorus as P	Total	=	9.1	mg/L	EPA 200.7	0.012	0.02	WKL	
ME-SCR	2018/19-2	Wet	11/30/2018 4:31:00 AM	12/21/2018 10:50:00 AM	TKN	n/a	=	1.2	mg/L	EPA 351.2	0.05	0.1	WKL	
ME-SCR	2018/19-2	Wet	11/30/2018 4:31:00 AM	1/7/2019 1:11:00 AM	1,2,4-Trichlorobenzene	n/a	<	5.5	µg/L	EPA 625	5.5	10	WKL	
ME-SCR	2018/19-2	Wet	11/30/2018 4:31:00 AM	1/7/2019 1:11:00 AM	1,2-Dichlorobenzene	n/a	<	5.7	µg/L	EPA 625	5.7	10	WKL	
ME-SCR	2018/19-2	Wet	11/30/2018 4:31:00 AM	1/7/2019 1:11:00 AM	1,2-Diphenylhydrazine	n/a	<	2.5	µg/L	EPA 625	2.5	10	WKL	
ME-SCR	2018/19-2	Wet	11/30/2018 4:31:00 AM	1/7/2019 1:11:00 AM	1,3-Dichlorobenzene	n/a	<	5.3	µg/L	EPA 625	5.3	10	WKL	
ME-SCR	2018/19-2	Wet	11/30/2018 4:31:00 AM	1/7/2019 1:11:00 AM	1,4-Dichlorobenzene	n/a	<	5.5	µg/L	EPA 625	5.5	10	WKL	
ME-SCR	2018/19-2	Wet	11/30/2018 4:31:00 AM	1/11/2019 8:52:00 PM	1-Methylnaphthalene	n/a	<	1	µg/L	EPA 8270C	1	1	WKL	
ME-SCR	2018/19-2	Wet	11/30/2018 4:31:00 AM	1/11/2019 1:54:00 AM	2,4,5-Trichlorophenol	n/a	<	2.9	µg/L	EPA 8270C	2.9	10	WKL	
ME-SCR	2018/19-2	Wet	11/30/2018 4:31:00 AM	1/7/2019 1:11:00 AM	2,4,6-Trichlorophenol	n/a	<	2.2	µg/L	EPA 625	2.2	10	WKL	
ME-SCR	2018/19-2	Wet	11/30/2018 4:31:00 AM	1/11/2019 1:54:00 AM	2,4,6-Trichlorophenol	n/a	<	3	µg/L	EPA 8270C	3	10	WKL	
ME-SCR	2018/19-2	Wet	11/30/2018 4:31:00 AM	1/7/2019 1:11:00 AM	2,4-Dichlorophenol	n/a	<	2.6	µg/L	EPA 625	2.6	10	WKL	
ME-SCR	2018/19-2	Wet	11/30/2018 4:31:00 AM	1/11/2019 1:54:00 AM	2,4-Dichlorophenol	n/a	<	5.1	µg/L	EPA 8270C	5.1	10	WKL	
ME-SCR	2018/19-2	Wet	11/30/2018 4:31:00 AM	1/7/2019 1:11:00 AM	2,4-Dimethylphenol	n/a	<	3	µg/L	EPA 625	3	10	WKL	
ME-SCR	2018/19-2	Wet	11/30/2018 4:31:00 AM	1/11/2019 1:54:00 AM	2,4-Dimethylphenol	n/a	<	10	µg/L	EPA 8270C	10	20	WKL	
ME-SCR	2018/19-2	Wet	11/30/2018 4:31:00 AM	1/7/2019 1:11:00 AM	2,4-Dinitrophenol	n/a	<	16	µg/L	EPA 625	16	100	WKL	
ME-SCR	2018/19-2	Wet	11/30/2018 4:31:00 AM	1/11/2019 1:54:00 AM	2,4-Dinitrophenol	n/a	<	10	µg/L	EPA 8270C	10	20	WKL	
ME-SCR	2018/19-2	Wet	11/30/2018 4:31:00 AM	1/7/2019 1:11:00 AM	2,4-Dinitrotoluene	n/a	<	1.8	µg/L	EPA 625	1.8	10	WKL	
ME-SCR	2018/19-2	Wet	11/30/2018 4:31:00 AM	1/7/2019 1:11:00 AM	2,6-Dinitrotoluene	n/a	<	2.7	µg/L	EPA 625	2.7	10	WKL	
ME-SCR	2018/19-2	Wet	11/30/2018 4:31:00 AM	1/7/2019 1:11:00 AM	2-Chloronaphthalene	n/a	<	4.5	µg/L	EPA 625	4.5	10	WKL	
ME-SCR	2018/19-2	Wet	11/30/2018 4:31:00 AM	1/7/2019 1:11:00 AM	2-Chlorophenol	n/a	<	2.8	µg/L	EPA 625	2.8	10	WKL	
ME-SCR	2018/19-2	Wet	11/30/2018 4:31:00 AM	1/11/2019 1:54:00 AM	2-Chlorophenol	n/a	<	6.5	µg/L	EPA 8270C	6.5	10	WKL	
ME-SCR	2018/19-2	Wet	11/30/2018 4:31:00 AM	1/11/2019 8:52:00 PM	2-Methylnaphthalene	n/a	<	1	µg/L	EPA 8270C	1	1	WKL	
ME-SCR	2018/19-2	Wet	11/30/2018 4:31:00 AM	1/11/2019 1:54:00 AM	2-Methylphenol	n/a	<	3.4	µg/L	EPA 8270C	3.4	10	WKL	

Appendix G
Laboratory Environmental Analysis Results

Site ID	Event	Event Type	Sample Date	Analysis Date	Constituent	Fraction	Sign	Result	Units	Method	MDL	Reporting Limit	Analyzing Laboratory	Qualifier
ME-SCR	2018/19-2	Wet	11/30/2018 4:31:00 AM	1/7/2019 1:11:00 AM	2-Nitrophenol	n/a	<	2.6	µg/L	EPA 625	2.6	10	WKL	
ME-SCR	2018/19-2	Wet	11/30/2018 4:31:00 AM	1/11/2019 1:54:00 AM	2-Nitrophenol	n/a	<	7.1	µg/L	EPA 8270C	7.1	10	WKL	
ME-SCR	2018/19-2	Wet	11/30/2018 4:31:00 AM	1/7/2019 1:11:00 AM	3,3'-Dichlorobenzidine	n/a	<	12	µg/L	EPA 625	12	50	WKL	
ME-SCR	2018/19-2	Wet	11/30/2018 4:31:00 AM	1/11/2019 1:54:00 AM	3-/4-Methylphenol	n/a	<	3	µg/L	EPA 8270C	3	10	WKL	
ME-SCR	2018/19-2	Wet	11/30/2018 4:31:00 AM	1/11/2019 1:54:00 AM	4,6-Dinitro-2-methylphenol	n/a	<	1.4	µg/L	EPA 8270C	1.4	10	WKL	
ME-SCR	2018/19-2	Wet	11/30/2018 4:31:00 AM	1/7/2019 1:11:00 AM	4,6-Dinitro-2-methylphenol	n/a	<	17	µg/L	EPA 625	17	50	WKL	
ME-SCR	2018/19-2	Wet	11/30/2018 4:31:00 AM	1/7/2019 1:11:00 AM	4-Bromophenyl phenyl ether	n/a	<	3.6	µg/L	EPA 625	3.6	10	WKL	
ME-SCR	2018/19-2	Wet	11/30/2018 4:31:00 AM	1/11/2019 1:54:00 AM	4-Chloro-3-methylphenol	n/a	<	3.7	µg/L	EPA 8270C	3.7	10	WKL	
ME-SCR	2018/19-2	Wet	11/30/2018 4:31:00 AM	1/7/2019 1:11:00 AM	4-Chloro-3-methylphenol	n/a	<	2.3	µg/L	EPA 625	2.3	10	WKL	
ME-SCR	2018/19-2	Wet	11/30/2018 4:31:00 AM	1/7/2019 1:11:00 AM	4-Chlorophenyl phenyl ether	n/a	<	4.1	µg/L	EPA 625	4.1	10	WKL	
ME-SCR	2018/19-2	Wet	11/30/2018 4:31:00 AM	1/11/2019 1:54:00 AM	4-Nitrophenol	n/a	<	10	µg/L	EPA 8270C	10	20	WKL	
ME-SCR	2018/19-2	Wet	11/30/2018 4:31:00 AM	1/7/2019 1:11:00 AM	4-Nitrophenol	n/a	<	4.5	µg/L	EPA 625	4.5	50	WKL	
ME-SCR	2018/19-2	Wet	11/30/2018 4:31:00 AM	1/7/2019 1:11:00 AM	Acenaphthene	n/a	<	3.8	µg/L	EPA 625	3.8	10	WKL	
ME-SCR	2018/19-2	Wet	11/30/2018 4:31:00 AM	1/11/2019 8:52:00 PM	Acenaphthene	n/a	<	1	µg/L	EPA 8270C	1	1	WKL	
ME-SCR	2018/19-2	Wet	11/30/2018 4:31:00 AM	1/7/2019 1:11:00 AM	Acenaphthylene	n/a	<	4	µg/L	EPA 625	4	10	WKL	
ME-SCR	2018/19-2	Wet	11/30/2018 4:31:00 AM	1/11/2019 8:52:00 PM	Acenaphthylene	n/a	<	1	µg/L	EPA 8270C	1	1	WKL	
ME-SCR	2018/19-2	Wet	11/30/2018 4:31:00 AM	1/11/2019 8:52:00 PM	Anthracene	n/a	<	1	µg/L	EPA 8270C	1	1	WKL	
ME-SCR	2018/19-2	Wet	11/30/2018 4:31:00 AM	1/7/2019 1:11:00 AM	Anthracene	n/a	<	3.4	µg/L	EPA 625	3.4	10	WKL	
ME-SCR	2018/19-2	Wet	11/30/2018 4:31:00 AM	1/7/2019 1:11:00 AM	Benz(a)anthracene	n/a	<	1.9	µg/L	EPA 625	1.9	10	WKL	
ME-SCR	2018/19-2	Wet	11/30/2018 4:31:00 AM	1/11/2019 8:52:00 PM	Benz(a)anthracene	n/a	<	1	µg/L	EPA 8270C	1	1	WKL	
ME-SCR	2018/19-2	Wet	11/30/2018 4:31:00 AM	1/7/2019 1:11:00 AM	Benzidine	n/a	<	37	µg/L	EPA 625	37	100	WKL	
ME-SCR	2018/19-2	Wet	11/30/2018 4:31:00 AM	1/11/2019 8:52:00 PM	Benzo(a)pyrene	n/a	<	1	µg/L	EPA 8270C	1	1	WKL	
ME-SCR	2018/19-2	Wet	11/30/2018 4:31:00 AM	1/7/2019 1:11:00 AM	Benzo(a)pyrene	n/a	<	1.3	µg/L	EPA 625	1.3	10	WKL	
ME-SCR	2018/19-2	Wet	11/30/2018 4:31:00 AM	12/19/2018 4:11:00 AM	Benzo(a)pyrene	n/a	<	0.07	µg/L	EPA 525.2	0.07	0.1	WKL	
ME-SCR	2018/19-2	Wet	11/30/2018 4:31:00 AM	1/11/2019 8:52:00 PM	Benzo(b)fluoranthene	n/a	<	1	µg/L	EPA 8270C	1	1	WKL	
ME-SCR	2018/19-2	Wet	11/30/2018 4:31:00 AM	1/7/2019 1:11:00 AM	Benzo(b)fluoranthene	n/a	<	1.4	µg/L	EPA 625	1.4	10	WKL	
ME-SCR	2018/19-2	Wet	11/30/2018 4:31:00 AM	1/11/2019 8:52:00 PM	Benzo(g,h,i)perylene	n/a	<	1	µg/L	EPA 8270C	1	1	WKL	
ME-SCR	2018/19-2	Wet	11/30/2018 4:31:00 AM	1/7/2019 1:11:00 AM	Benzo(g,h,i)perylene	n/a	<	1	µg/L	EPA 625	1	20	WKL	
ME-SCR	2018/19-2	Wet	11/30/2018 4:31:00 AM	1/11/2019 8:52:00 PM	Benzo(k)fluoranthene	n/a	<	1	µg/L	EPA 8270C	1	1	WKL	
ME-SCR	2018/19-2	Wet	11/30/2018 4:31:00 AM	1/7/2019 1:11:00 AM	Benzo(k)fluoranthene	n/a	<	2.2	µg/L	EPA 625	2.2	10	WKL	
ME-SCR	2018/19-2	Wet	11/30/2018 4:31:00 AM	1/7/2019 1:11:00 AM	Bis(2-chloroethoxy)methane	n/a	<	2.5	µg/L	EPA 625	2.5	10	WKL	
ME-SCR	2018/19-2	Wet	11/30/2018 4:31:00 AM	1/7/2019 1:11:00 AM	Bis(2-chloroethyl)ether	n/a	<	2.7	µg/L	EPA 625	2.7	10	WKL	
ME-SCR	2018/19-2	Wet	11/30/2018 4:31:00 AM	1/7/2019 1:11:00 AM	Bis(2-chloroisopropyl)ether	n/a	<	3.8	µg/L	EPA 625	3.8	10	WKL	
ME-SCR	2018/19-2	Wet	11/30/2018 4:31:00 AM	12/19/2018 4:11:00 AM	Bis(2-ethylhexyl)adipate	n/a	<	0.1	µg/L	EPA 525.2	0.1	5	WKL	
ME-SCR	2018/19-2	Wet	11/30/2018 4:31:00 AM	12/19/2018 4:11:00 AM	Bis(2-ethylhexyl)phthalate	n/a	<	1.1	µg/L	EPA 525.2	1.1	3	WKL	
ME-SCR	2018/19-2	Wet	11/30/2018 4:31:00 AM	1/7/2019 1:11:00 AM	Bis(2-ethylhexyl)phthalate	n/a	<	23	µg/L	EPA 625	23	50	WKL	
ME-SCR	2018/19-2	Wet	11/30/2018 4:31:00 AM	1/7/2019 1:11:00 AM	Butyl benzyl phthalate	n/a	DNQ	2.3	µg/L	EPA 625	1.8	10	WKL	UL-MB
ME-SCR	2018/19-2	Wet	11/30/2018 4:31:00 AM	1/7/2019 1:11:00 AM	Chrysene	n/a	<	1.9	µg/L	EPA 625	1.9	10	WKL	
ME-SCR	2018/19-2	Wet	11/30/2018 4:31:00 AM	1/11/2019 8:52:00 PM	Chrysene	n/a	<	1	µg/L	EPA 8270C	1	1	WKL	
ME-SCR	2018/19-2	Wet	11/30/2018 4:31:00 AM	1/11/2019 8:52:00 PM	Dibenz(a,h)anthracene	n/a	<	1	µg/L	EPA 8270C	1	1	WKL	
ME-SCR	2018/19-2	Wet	11/30/2018 4:31:00 AM	1/7/2019 1:11:00 AM	Dibenz(a,h)anthracene	n/a	<	0.8	µg/L	EPA 625	0.8	20	WKL	
ME-SCR	2018/19-2	Wet	11/30/2018 4:31:00 AM	1/7/2019 1:11:00 AM	Diethyl phthalate	n/a	<	1.5	µg/L	EPA 625	1.5	10	WKL	
ME-SCR	2018/19-2	Wet	11/30/2018 4:31:00 AM	1/7/2019 1:11:00 AM	Dimethyl phthalate	n/a	<	1.8	µg/L	EPA 625	1.8	10	WKL	
ME-SCR	2018/19-2	Wet	11/30/2018 4:31:00 AM	1/7/2019 1:11:00 AM	Di-n-butylphthalate	n/a	<	2.4	µg/L	EPA 625	2.4	10	WKL	
ME-SCR	2018/19-2	Wet	11/30/2018 4:31:00 AM	1/7/2019 1:11:00 AM	Di-n-octylphthalate	n/a	<	1.9	µg/L	EPA 625	1.9	10	WKL	
ME-SCR	2018/19-2	Wet	11/30/2018 4:31:00 AM	1/11/2019 8:52:00 PM	Fluoranthene	n/a	<	1	µg/L	EPA 8270C	1	1	WKL	
ME-SCR	2018/19-2	Wet	11/30/2018 4:31:00 AM	1/7/2019 1:11:00 AM	Fluoranthene	n/a	<	2.2	µg/L	EPA 625	2.2	10	WKL	
ME-SCR	2018/19-2	Wet	11/30/2018 4:31:00 AM	1/11/2019 8:52:00 PM	Fluorene	n/a	<	1	µg/L	EPA 8270C	1	1	WKL	

Appendix G
Laboratory Environmental Analysis Results

Site ID	Event	Event Type	Sample Date	Analysis Date	Constituent	Fraction	Sign	Result	Units	Method	MDL	Reporting Limit	Analyzing Laboratory	Qualifier
ME-SCR	2018/19-2	Wet	11/30/2018 4:31:00 AM	1/7/2019 1:11:00 AM	Fluorene	n/a	<	3.5	µg/L	EPA 625	3.5	10	WKL	
ME-SCR	2018/19-2	Wet	11/30/2018 4:31:00 AM	1/7/2019 1:11:00 AM	Hexachlorobenzene	n/a	<	4.9	µg/L	EPA 625	4.9	10	WKL	
ME-SCR	2018/19-2	Wet	11/30/2018 4:31:00 AM	1/7/2019 1:11:00 AM	Hexachlorobutadiene	n/a	<	4.7	µg/L	EPA 625	4.7	10	WKL	
ME-SCR	2018/19-2	Wet	11/30/2018 4:31:00 AM	1/7/2019 1:11:00 AM	Hexachlorocyclopentadiene	n/a	<	15	µg/L	EPA 625	15	50	WKL	
ME-SCR	2018/19-2	Wet	11/30/2018 4:31:00 AM	1/7/2019 1:11:00 AM	Hexachloroethane	n/a	<	5.2	µg/L	EPA 625	5.2	10	WKL	
ME-SCR	2018/19-2	Wet	11/30/2018 4:31:00 AM	1/11/2019 8:52:00 PM	Indeno(1,2,3-cd)pyrene	n/a	<	1	µg/L	EPA 8270C	1	1	WKL	
ME-SCR	2018/19-2	Wet	11/30/2018 4:31:00 AM	1/7/2019 1:11:00 AM	Indeno(1,2,3-cd)pyrene	n/a	<	1.2	µg/L	EPA 625	1.2	20	WKL	
ME-SCR	2018/19-2	Wet	11/30/2018 4:31:00 AM	1/7/2019 1:11:00 AM	Isophorone	n/a	<	2.1	µg/L	EPA 625	2.1	10	WKL	
ME-SCR	2018/19-2	Wet	11/30/2018 4:31:00 AM	1/11/2019 8:52:00 PM	Naphthalene	n/a	<	1	µg/L	EPA 8270C	1	1	WKL	
ME-SCR	2018/19-2	Wet	11/30/2018 4:31:00 AM	1/7/2019 1:11:00 AM	Naphthalene	n/a	<	4.9	µg/L	EPA 625	4.9	10	WKL	
ME-SCR	2018/19-2	Wet	11/30/2018 4:31:00 AM	1/7/2019 1:11:00 AM	Nitrobenzene	n/a	<	3.6	µg/L	EPA 625	3.6	10	WKL	
ME-SCR	2018/19-2	Wet	11/30/2018 4:31:00 AM	1/7/2019 1:11:00 AM	N-Nitrosodimethylamine	n/a	<	1.4	µg/L	EPA 625	1.4	10	WKL	
ME-SCR	2018/19-2	Wet	11/30/2018 4:31:00 AM	1/7/2019 1:11:00 AM	N-Nitrosodi-N-propylamine	n/a	<	2.6	µg/L	EPA 625	2.6	10	WKL	
ME-SCR	2018/19-2	Wet	11/30/2018 4:31:00 AM	1/7/2019 1:11:00 AM	N-Nitrosodiphenylamine	n/a	<	1.9	µg/L	EPA 625	1.9	10	WKL	
ME-SCR	2018/19-2	Wet	11/30/2018 4:31:00 AM	1/11/2019 8:52:00 PM	Phenanthrene	n/a	<	1	µg/L	EPA 8270C	1	1	WKL	
ME-SCR	2018/19-2	Wet	11/30/2018 4:31:00 AM	1/7/2019 1:11:00 AM	Phenanthrene	n/a	<	3.2	µg/L	EPA 625	3.2	10	WKL	
ME-SCR	2018/19-2	Wet	11/30/2018 4:31:00 AM	1/7/2019 1:11:00 AM	Phenol	n/a	<	1.6	µg/L	EPA 625	1.6	10	WKL	
ME-SCR	2018/19-2	Wet	11/30/2018 4:31:00 AM	1/11/2019 1:54:00 AM	Phenol	n/a	<	3.5	µg/L	EPA 8270C	3.5	10	WKL	
ME-SCR	2018/19-2	Wet	11/30/2018 4:31:00 AM	1/7/2019 1:11:00 AM	Pyrene	n/a	<	2.5	µg/L	EPA 625	2.5	10	WKL	
ME-SCR	2018/19-2	Wet	11/30/2018 4:31:00 AM	1/11/2019 8:52:00 PM	Pyrene	n/a	<	1	µg/L	EPA 8270C	1	1	WKL	
ME-SCR	2018/19-2	Wet	11/30/2018 4:31:00 AM	1/12/2019 6:57:00 AM	PCB Aroclor 1016	n/a	<	0.5	µg/L	EPA 608	0.5	5	WKL	
ME-SCR	2018/19-2	Wet	11/30/2018 4:31:00 AM	1/12/2019 6:57:00 AM	PCB Aroclor 1221	n/a	<	0.6	µg/L	EPA 608	0.6	5	WKL	
ME-SCR	2018/19-2	Wet	11/30/2018 4:31:00 AM	1/12/2019 6:57:00 AM	PCB Aroclor 1232	n/a	<	1.5	µg/L	EPA 608	1.5	5	WKL	
ME-SCR	2018/19-2	Wet	11/30/2018 4:31:00 AM	1/12/2019 6:57:00 AM	PCB Aroclor 1242	n/a	<	0.7	µg/L	EPA 608	0.7	5	WKL	
ME-SCR	2018/19-2	Wet	11/30/2018 4:31:00 AM	1/12/2019 6:57:00 AM	PCB Aroclor 1248	n/a	<	0.6	µg/L	EPA 608	0.6	5	WKL	
ME-SCR	2018/19-2	Wet	11/30/2018 4:31:00 AM	1/12/2019 6:57:00 AM	PCB Aroclor 1254	n/a	<	0.4	µg/L	EPA 608	0.4	5	WKL	
ME-SCR	2018/19-2	Wet	11/30/2018 4:31:00 AM	1/12/2019 6:57:00 AM	PCB Aroclor 1260	n/a	<	0.4	µg/L	EPA 608	0.4	5	WKL	
ME-SCR	2018/19-2	Wet	11/30/2018 4:31:00 AM	12/19/2018 11:38:00 AM	2,4,5-T	n/a	<	0.07	µg/L	EPA 515.3	0.07	0.2	WKL	
ME-SCR	2018/19-2	Wet	11/30/2018 4:31:00 AM	12/19/2018 11:38:00 AM	2,4,5-TP	n/a	<	0.09	µg/L	EPA 515.3	0.09	0.2	WKL	
ME-SCR	2018/19-2	Wet	11/30/2018 4:31:00 AM	12/19/2018 11:38:00 AM	2,4-D	n/a	<	0.07	µg/L	EPA 515.3	0.07	0.4	WKL	
ME-SCR	2018/19-2	Wet	11/30/2018 4:31:00 AM	12/19/2018 11:38:00 AM	2,4-DB	n/a	DNQ	0.47	µg/L	EPA 515.3	0.07	2	WKL	
ME-SCR	2018/19-2	Wet	11/30/2018 4:31:00 AM	12/19/2018 11:38:00 AM	3,5-Dichlorobenzoic acid	n/a	<	0.09	µg/L	EPA 515.3	0.09	1	WKL	
ME-SCR	2018/19-2	Wet	11/30/2018 4:31:00 AM	1/12/2019 6:57:00 AM	4,4'-DDD	n/a	<	0.03	µg/L	EPA 608	0.03	0.5	WKL	
ME-SCR	2018/19-2	Wet	11/30/2018 4:31:00 AM	1/12/2019 6:57:00 AM	4,4'-DDE	n/a	<	0.025	µg/L	EPA 608	0.025	0.5	WKL	
ME-SCR	2018/19-2	Wet	11/30/2018 4:31:00 AM	1/12/2019 6:57:00 AM	4,4'-DDT	n/a	<	0.031	µg/L	EPA 608	0.031	0.1	WKL	
ME-SCR	2018/19-2	Wet	11/30/2018 4:31:00 AM	12/19/2018 11:38:00 AM	Acifluorfen	n/a	<	0.06	µg/L	EPA 515.3	0.06	0.4	WKL	
ME-SCR	2018/19-2	Wet	11/30/2018 4:31:00 AM	12/19/2018 4:11:00 AM	Alachlor	n/a	<	0.022	µg/L	EPA 525.2	0.022	0.1	WKL	
ME-SCR	2018/19-2	Wet	11/30/2018 4:31:00 AM	1/12/2019 6:57:00 AM	Aldrin	n/a	<	0.015	µg/L	EPA 608	0.015	0.05	WKL	
ME-SCR	2018/19-2	Wet	11/30/2018 4:31:00 AM	1/12/2019 6:57:00 AM	alpha-BHC	n/a	<	0.018	µg/L	EPA 608	0.018	0.1	WKL	
ME-SCR	2018/19-2	Wet	11/30/2018 4:31:00 AM	1/12/2019 6:57:00 AM	alpha-Chlordane	n/a	<	0.041	µg/L	EPA 608	0.041	0.1	WKL	
ME-SCR	2018/19-2	Wet	11/30/2018 4:31:00 AM	12/19/2018 4:11:00 AM	Atrazine	n/a	<	0.034	µg/L	EPA 525.2	0.034	0.1	WKL	
ME-SCR	2018/19-2	Wet	11/30/2018 4:31:00 AM	12/20/2018 2:34:00 AM	Azinphos methyl	n/a	<	0.0055	µg/L	EPA 525.2m	0.0055	0.01	WKL	
ME-SCR	2018/19-2	Wet	11/30/2018 4:31:00 AM	12/19/2018 11:38:00 AM	Bentazon	n/a	<	0.11	µg/L	EPA 515.3	0.11	2	WKL	
ME-SCR	2018/19-2	Wet	11/30/2018 4:31:00 AM	1/12/2019 6:57:00 AM	beta-BHC	n/a	<	0.031	µg/L	EPA 608	0.031	0.05	WKL	
ME-SCR	2018/19-2	Wet	11/30/2018 4:31:00 AM	12/20/2018 2:34:00 AM	Bolstar	n/a	<	0.0046	µg/L	EPA 525.2m	0.0046	0.01	WKL	
ME-SCR	2018/19-2	Wet	11/30/2018 4:31:00 AM	12/19/2018 4:11:00 AM	Bromacil	n/a	<	0.038	µg/L	EPA 525.2	0.038	1	WKL	
ME-SCR	2018/19-2	Wet	11/30/2018 4:31:00 AM	12/19/2018 4:11:00 AM	Butachlor	n/a	<	0.017	µg/L	EPA 525.2	0.017	0.2	WKL	
ME-SCR	2018/19-2	Wet	11/30/2018 4:31:00 AM	12/19/2018 4:11:00 AM	Captan	n/a	<	0.86	µg/L	EPA 525.2	0.86	1	WKL	LB-LCSR

Appendix G
Laboratory Environmental Analysis Results

Site ID	Event	Event Type	Sample Date	Analysis Date	Constituent	Fraction	Sign	Result	Units	Method	MDL	Reporting Limit	Analyzing Laboratory	Qualifier
ME-SCR	2018/19-2	Wet	11/30/2018 4:31:00 AM	1/12/2019 6:57:00 AM	Chlordane (technical)	n/a	<	0.8	µg/L	EPA 608	0.8	1	WKL	
ME-SCR	2018/19-2	Wet	11/30/2018 4:31:00 AM	12/19/2018 4:11:00 AM	Chloropropham	n/a	<	0.01	µg/L	EPA 525.2	0.01	0.1	WKL	
ME-SCR	2018/19-2	Wet	11/30/2018 4:31:00 AM	12/20/2018 2:34:00 AM	Chlorpyrifos	n/a	<	0.0069	µg/L	EPA 525.2m	0.0069	0.01	WKL	
ME-SCR	2018/19-2	Wet	11/30/2018 4:31:00 AM	12/20/2018 2:34:00 AM	Coumaphos	n/a	<	0.0051	µg/L	EPA 525.2m	0.0051	0.01	WKL	
ME-SCR	2018/19-2	Wet	11/30/2018 4:31:00 AM	12/19/2018 4:11:00 AM	Cyanazine	n/a	<	0.024	µg/L	EPA 525.2	0.024	0.1	WKL	
ME-SCR	2018/19-2	Wet	11/30/2018 4:31:00 AM	12/19/2018 11:38:00 AM	Dalapon	n/a	<	0.1	µg/L	EPA 515.3	0.1	0.4	WKL	
ME-SCR	2018/19-2	Wet	11/30/2018 4:31:00 AM	12/19/2018 11:38:00 AM	DCPA (Dacthal)	n/a	=	0.1	µg/L	EPA 515.3	0.07	0.1	WKL	
ME-SCR	2018/19-2	Wet	11/30/2018 4:31:00 AM	1/12/2019 6:57:00 AM	delta-BHC	n/a	<	0.025	µg/L	EPA 608	0.025	0.05	WKL	
ME-SCR	2018/19-2	Wet	11/30/2018 4:31:00 AM	12/20/2018 2:34:00 AM	Demeton-O	n/a	<	0.01	µg/L	EPA 525.2m	0.01	0.01	WKL	
ME-SCR	2018/19-2	Wet	11/30/2018 4:31:00 AM	12/20/2018 2:34:00 AM	Demeton-S	n/a	<	0.01	µg/L	EPA 525.2m	0.01	0.01	WKL	
ME-SCR	2018/19-2	Wet	11/30/2018 4:31:00 AM	12/19/2018 4:11:00 AM	Diazinon	n/a	<	0.096	µg/L	EPA 525.2	0.096	0.1	WKL	
ME-SCR	2018/19-2	Wet	11/30/2018 4:31:00 AM	12/20/2018 2:34:00 AM	Diazinon	n/a	=	0.029	µg/L	EPA 525.2m	0.0052	0.01	WKL	
ME-SCR	2018/19-2	Wet	11/30/2018 4:31:00 AM	12/19/2018 11:38:00 AM	Dicamba	n/a	<	0.12	µg/L	EPA 515.3	0.12	0.6	WKL	
ME-SCR	2018/19-2	Wet	11/30/2018 4:31:00 AM	12/19/2018 4:11:00 AM	Dichlorprop	n/a	<	0.08	µg/L	EPA 515.3	0.08	0.3	WKL	
ME-SCR	2018/19-2	Wet	11/30/2018 4:31:00 AM	12/20/2018 2:34:00 AM	Dichlorvos	n/a	<	0.0029	µg/L	EPA 525.2m	0.0029	0.01	WKL	
ME-SCR	2018/19-2	Wet	11/30/2018 4:31:00 AM	1/12/2019 6:57:00 AM	Dieldrin	n/a	<	0.021	µg/L	EPA 608	0.021	0.1	WKL	
ME-SCR	2018/19-2	Wet	11/30/2018 4:31:00 AM	12/20/2018 2:34:00 AM	Dimethoate	n/a	<	0.0062	µg/L	EPA 525.2m	0.0062	0.01	WKL	
ME-SCR	2018/19-2	Wet	11/30/2018 4:31:00 AM	12/19/2018 4:11:00 AM	Dimethoate	n/a	<	0.024	µg/L	EPA 525.2	0.024	0.2	WKL	
ME-SCR	2018/19-2	Wet	11/30/2018 4:31:00 AM	12/19/2018 11:38:00 AM	Dinoseb	n/a	<	0.14	µg/L	EPA 515.3	0.14	0.4	WKL	
ME-SCR	2018/19-2	Wet	11/30/2018 4:31:00 AM	12/19/2018 4:11:00 AM	Diphenamid	n/a	<	0.024	µg/L	EPA 525.2	0.024	0.1	WKL	
ME-SCR	2018/19-2	Wet	11/30/2018 4:31:00 AM	12/19/2018 4:11:00 AM	Disulfoton	n/a	<	0.031	µg/L	EPA 525.2	0.031	0.1	WKL	
ME-SCR	2018/19-2	Wet	11/30/2018 4:31:00 AM	12/20/2018 2:34:00 AM	Disulfoton	n/a	<	0.01	µg/L	EPA 525.2m	0.01	0.01	WKL	
ME-SCR	2018/19-2	Wet	11/30/2018 4:31:00 AM	1/12/2019 6:57:00 AM	Endosulfan I	n/a	<	0.017	µg/L	EPA 608	0.017	0.2	WKL	
ME-SCR	2018/19-2	Wet	11/30/2018 4:31:00 AM	1/12/2019 6:57:00 AM	Endosulfan II	n/a	<	0.019	µg/L	EPA 608	0.019	0.1	WKL	
ME-SCR	2018/19-2	Wet	11/30/2018 4:31:00 AM	1/12/2019 6:57:00 AM	Endosulfan sulfate	n/a	<	0.08	µg/L	EPA 608	0.08	0.5	WKL	
ME-SCR	2018/19-2	Wet	11/30/2018 4:31:00 AM	1/12/2019 6:57:00 AM	Endrin	n/a	<	0.028	µg/L	EPA 608	0.028	0.1	WKL	
ME-SCR	2018/19-2	Wet	11/30/2018 4:31:00 AM	1/12/2019 6:57:00 AM	Endrin aldehyde	n/a	<	0.03	µg/L	EPA 608	0.03	0.1	WKL	
ME-SCR	2018/19-2	Wet	11/30/2018 4:31:00 AM	12/19/2018 4:11:00 AM	EPTC	n/a	<	0.017	µg/L	EPA 525.2	0.017	1	WKL	
ME-SCR	2018/19-2	Wet	11/30/2018 4:31:00 AM	12/20/2018 2:34:00 AM	Ethoprop	n/a	<	0.0067	µg/L	EPA 525.2m	0.0067	0.01	WKL	
ME-SCR	2018/19-2	Wet	11/30/2018 4:31:00 AM	12/20/2018 2:34:00 AM	Ethyl parathion	n/a	<	0.0054	µg/L	EPA 525.2m	0.0054	0.01	WKL	
ME-SCR	2018/19-2	Wet	11/30/2018 4:31:00 AM	12/20/2018 2:34:00 AM	Fensulfthion	n/a	<	0.0029	µg/L	EPA 525.2m	0.0029	0.01	WKL	
ME-SCR	2018/19-2	Wet	11/30/2018 4:31:00 AM	12/20/2018 2:34:00 AM	Fenthion	n/a	<	0.0038	µg/L	EPA 525.2m	0.0038	0.01	WKL	
ME-SCR	2018/19-2	Wet	11/30/2018 4:31:00 AM	1/12/2019 6:57:00 AM	gamma-BHC (Lindane)	n/a	<	0.021	µg/L	EPA 608	0.021	0.2	WKL	
ME-SCR	2018/19-2	Wet	11/30/2018 4:31:00 AM	1/12/2019 6:57:00 AM	gamma-Chlordane	n/a	<	0.044	µg/L	EPA 608	0.044	0.1	WKL	
ME-SCR	2018/19-2	Wet	11/30/2018 4:31:00 AM	12/10/2018 5:42:00 PM	Glyphosate	n/a	<	1.8	µg/L	EPA 547	1.8	5	WKL	
ME-SCR	2018/19-2	Wet	11/30/2018 4:31:00 AM	1/12/2019 6:57:00 AM	Heptachlor	n/a	<	0.017	µg/L	EPA 608	0.017	0.1	WKL	
ME-SCR	2018/19-2	Wet	11/30/2018 4:31:00 AM	1/12/2019 6:57:00 AM	Heptachlor epoxide	n/a	<	0.019	µg/L	EPA 608	0.019	0.1	WKL	
ME-SCR	2018/19-2	Wet	11/30/2018 4:31:00 AM	12/20/2018 2:34:00 AM	Malathion	n/a	<	0.0076	µg/L	EPA 525.2m	0.0076	0.01	WKL	
ME-SCR	2018/19-2	Wet	11/30/2018 4:31:00 AM	12/20/2018 2:34:00 AM	Merphos	n/a	<	0.0058	µg/L	EPA 525.2m	0.0058	0.01	WKL	
ME-SCR	2018/19-2	Wet	11/30/2018 4:31:00 AM	1/12/2019 6:57:00 AM	Methoxychlor	n/a	<	0.054	µg/L	EPA 608	0.054	0.2	WKL	
ME-SCR	2018/19-2	Wet	11/30/2018 4:31:00 AM	12/20/2018 2:34:00 AM	Methyl parathion	n/a	<	0.0063	µg/L	EPA 525.2m	0.0063	0.01	WKL	
ME-SCR	2018/19-2	Wet	11/30/2018 4:31:00 AM	12/19/2018 4:11:00 AM	Metolachlor	n/a	<	0.012	µg/L	EPA 525.2	0.012	0.1	WKL	
ME-SCR	2018/19-2	Wet	11/30/2018 4:31:00 AM	12/19/2018 4:11:00 AM	Metribuzin	n/a	<	0.015	µg/L	EPA 525.2	0.015	0.1	WKL	
ME-SCR	2018/19-2	Wet	11/30/2018 4:31:00 AM	12/20/2018 2:34:00 AM	Mevinphos	n/a	<	0.0042	µg/L	EPA 525.2m	0.0042	0.01	WKL	
ME-SCR	2018/19-2	Wet	11/30/2018 4:31:00 AM	12/19/2018 4:11:00 AM	Molinate	n/a	<	0.039	µg/L	EPA 525.2	0.039	0.1	WKL	
ME-SCR	2018/19-2	Wet	11/30/2018 4:31:00 AM	12/20/2018 2:34:00 AM	Naled	n/a	<	0.0076	µg/L	EPA 525.2m	0.0076	0.01	WKL	
ME-SCR	2018/19-2	Wet	11/30/2018 4:31:00 AM	1/7/2019 1:11:00 AM	Pentachlorophenol	n/a	<	1.9	µg/L	EPA 625	1.9	10	WKL	
ME-SCR	2018/19-2	Wet	11/30/2018 4:31:00 AM	1/11/2019 1:54:00 AM	Pentachlorophenol	n/a	<	1.5	µg/L	EPA 8270C	1.5	10	WKL	

Appendix G
Laboratory Environmental Analysis Results

Site ID	Event	Event Type	Sample Date	Analysis Date	Constituent	Fraction	Sign	Result	Units	Method	MDL	Reporting Limit	Analyzing Laboratory	Qualifier
ME-SCR	2018/19-2	Wet	11/30/2018 4:31:00 AM	12/19/2018 11:38:00 AM	Pentachlorophenol	n/a	DNQ	0.047	µg/L	EPA 515.3	0.04	0.2	WKL	
ME-SCR	2018/19-2	Wet	11/30/2018 4:31:00 AM	12/20/2018 2:34:00 AM	Phorate	n/a	<	0.003	µg/L	EPA 525.2m	0.003	0.01	WKL	
ME-SCR	2018/19-2	Wet	11/30/2018 4:31:00 AM	12/19/2018 11:38:00 AM	Picloram	n/a	<	0.05	µg/L	EPA 515.3	0.05	0.6	WKL	
ME-SCR	2018/19-2	Wet	11/30/2018 4:31:00 AM	12/19/2018 4:11:00 AM	Prometon	n/a	<	0.024	µg/L	EPA 525.2	0.024	0.2	WKL	
ME-SCR	2018/19-2	Wet	11/30/2018 4:31:00 AM	12/19/2018 4:11:00 AM	Prometryn	n/a	<	0.036	µg/L	EPA 525.2	0.036	0.1	WKL	
ME-SCR	2018/19-2	Wet	11/30/2018 4:31:00 AM	12/20/2018 2:34:00 AM	Ronnel (Fenchlorphos)	n/a	<	0.0041	µg/L	EPA 525.2m	0.0041	0.01	WKL	
ME-SCR	2018/19-2	Wet	11/30/2018 4:31:00 AM	12/19/2018 4:11:00 AM	Simazine	n/a	<	0.015	µg/L	EPA 525.2	0.015	0.1	WKL	
ME-SCR	2018/19-2	Wet	11/30/2018 4:31:00 AM	12/20/2018 2:34:00 AM	Stirophos (Tetrachlorvinphos)	n/a	<	0.0031	µg/L	EPA 525.2m	0.0031	0.01	WKL	
ME-SCR	2018/19-2	Wet	11/30/2018 4:31:00 AM	12/19/2018 4:11:00 AM	Terbacil	n/a	<	0.55	µg/L	EPA 525.2	0.55	2	WKL	
ME-SCR	2018/19-2	Wet	11/30/2018 4:31:00 AM	12/19/2018 4:11:00 AM	Thiobencarb	n/a	<	0.025	µg/L	EPA 525.2	0.025	0.2	WKL	
ME-SCR	2018/19-2	Wet	11/30/2018 4:31:00 AM	12/20/2018 2:34:00 AM	Toxokuthion	n/a	<	0.0078	µg/L	EPA 525.2m	0.0078	0.01	WKL	
ME-SCR	2018/19-2	Wet	11/30/2018 4:31:00 AM	1/12/2019 6:57:00 AM	Toxaphene	n/a	<	1.2	µg/L	EPA 608	1.2	5	WKL	
ME-SCR	2018/19-2	Wet	11/30/2018 4:31:00 AM	12/20/2018 2:34:00 AM	Trichloronate	n/a	<	0.0067	µg/L	EPA 525.2m	0.0067	0.01	WKL	
ME-SCR	2018/19-2	Wet	11/30/2018 4:31:00 AM	12/19/2018 4:11:00 AM	Trithion	n/a	<	0.012	µg/L	EPA 525.2	0.012	0.1	WKL	
ME-SCR	2018/19-3	Wet	1/5/2019 9:10:00 PM	1/6/2019 5:20:00 PM	E. Coli	n/a	=	309	MPN/100 mL	MMO-MUG	10	10	VCHCA	
ME-SCR	2018/19-3	Wet	1/5/2019 9:10:00 PM	1/6/2019 5:20:00 PM	Total Coliform	n/a	=	2755	MPN/100 mL	MMO-MUG	10	10	VCHCA	
ME-SCR	2018/19-3	Wet	1/5/2019 9:10:00 PM	1/5/2019 9:10:00 PM	Conductivity	n/a	=	1408	µmhos/cm	Field Meter	-88	1	Field Crew	
ME-SCR	2018/19-3	Wet	1/5/2019 9:10:00 PM	1/11/2019 4:34:00 PM	Cyanide	Total	<	0.0005	mg/L	ASTM D7511	0.0005	0.002	WKL	
ME-SCR	2018/19-3	Wet	1/5/2019 9:10:00 PM	1/5/2019 9:10:00 PM	DO	n/a	=	77.5	%	Field Meter	-88	0.1	Field Crew	
ME-SCR	2018/19-3	Wet	1/5/2019 9:10:00 PM	1/5/2019 9:10:00 PM	DO	n/a	=	11.7	mg/L	Field Meter	-88	0.3	Field Crew	
ME-SCR	2018/19-3	Wet	1/5/2019 9:10:00 PM	1/5/2019 9:10:00 PM	pH	n/a	=	7.75	pH Units	Field Meter	-88	0.01	Field Crew	
ME-SCR	2018/19-3	Wet	1/5/2019 9:10:00 PM	1/5/2019 9:10:00 PM	Salinity	n/a	=	1100	mg/L	Field Meter	-88	100	Field Crew	
ME-SCR	2018/19-3	Wet	1/5/2019 9:10:00 PM	1/5/2019 9:10:00 PM	Specific Conductance	n/a	=	2060	µmhos/cm	Field Meter	-88	1	Field Crew	
ME-SCR	2018/19-3	Wet	1/5/2019 9:10:00 PM	1/5/2019 9:10:00 PM	Temperature	n/a	=	8.4	°C	Field Meter	-88	0.1	Field Crew	
ME-SCR	2018/19-3	Wet	1/5/2019 9:10:00 PM	1/12/2019 6:23:00 PM	Gasoline Range Organics	n/a	<	0.012	mg/L	LUFT GC/MS	0.012	0.1	WKL	
ME-SCR	2018/19-3	Wet	1/5/2019 9:10:00 PM	1/11/2019 3:00:00 PM	Oil and Grease	n/a	<	1.3	mg/L	EPA 1664A	1.3	5	WKL	
ME-SCR	2018/19-3	Wet	1/5/2019 9:10:00 PM	1/8/2019 5:30:00 PM	2-Chloroethyl vinyl ether	n/a	<	0.28	µg/L	EPA 624	0.28	1	WKL	
ME-SCR	2018/19-3	Wet	1/5/2019 9:10:00 PM	1/8/2019 5:30:00 PM	Methyl tert-butyl ether (MTBE)	n/a	<	0.25	µg/L	EPA 624	0.25	1	WKL	
ME-SCR	2018/19-3	Wet	1/6/2019 10:00:00 AM	1/15/2019 10:00:00 PM	Chloride	n/a	=	53	mg/L	EPA 300.0	0.5	2.5	WKL	
ME-SCR	2018/19-3	Wet	1/6/2019 10:00:00 AM	1/15/2019 10:00:00 PM	Fluoride	n/a	DNQ	0.26	mg/L	EPA 300.0	0.1	0.5	WKL	
ME-SCR	2018/19-3	Wet	1/6/2019 10:00:00 AM	1/9/2019 4:10:00 AM	Perchlorate	n/a	<	0.95	µg/L	EPA 314.0	0.95	2	WKL	
ME-SCR	2018/19-3	Wet	1/6/2019 10:00:00 AM	1/15/2019 10:00:00 PM	Sulfate	Total	=	380	mg/L	EPA 300.0	0.5	2.5	WKL	
ME-SCR	2018/19-3	Wet	1/6/2019 10:00:00 AM	1/30/2019 9:53:00 PM	Calcium	Total	=	128	mg/L	EPA 200.7	0.016	0.1	WKL	
ME-SCR	2018/19-3	Wet	1/6/2019 10:00:00 AM	1/30/2019 9:53:00 PM	Magnesium	Total	=	53.9	mg/L	EPA 200.7	0.012	0.1	WKL	
ME-SCR	2018/19-3	Wet	1/6/2019 10:00:00 AM	1/30/2019 9:53:00 PM	Potassium	Total	=	6.6	mg/L	EPA 200.7	0.081	0.1	WKL	
ME-SCR	2018/19-3	Wet	1/6/2019 10:00:00 AM	1/30/2019 9:53:00 PM	Sodium	Total	=	99	mg/L	EPA 200.7	0.015	0.5	WKL	
ME-SCR	2018/19-3	Wet	1/6/2019 10:00:00 AM	1/11/2019 3:58:00 PM	Alkalinity as CaCO3	n/a	=	170	mg/L	SM 2320 B	0.56	2	WKL	
ME-SCR	2018/19-3	Wet	1/6/2019 10:00:00 AM	1/12/2019 1:49:00 PM	BOD	n/a	=	6	mg/L	SM 5210 B	2	2	WKL	EST-LD
ME-SCR	2018/19-3	Wet	1/6/2019 10:00:00 AM	1/17/2019 11:30:00 AM	COD	n/a	=	24	mg/L	EPA 410.4	0.73	5	WKL	
ME-SCR	2018/19-3	Wet	1/6/2019 10:00:00 AM	1/31/2019 4:14:00 AM	Dissolved Inorganic Carbon	Dissolved	=	39	mg/L	SM 5310 B	0.65	1	TestAmerica	
ME-SCR	2018/19-3	Wet	1/6/2019 10:00:00 AM	1/31/2019 11:20:50 AM	Dissolved Organic Carbon	Dissolved	=	4.8	mg/L	SM 5310 B	0.65	1	TestAmerica	
ME-SCR	2018/19-3	Wet	1/6/2019 10:00:00 AM	1/30/2019 9:53:00 PM	Hardness as CaCO3	Total	=	542	mg/L	EPA 200.7	0.0894	0.662	WKL	
ME-SCR	2018/19-3	Wet	1/6/2019 10:00:00 AM	1/7/2019 2:48:00 PM	MBAS	n/a	DNQ	0.027	mg/L	SM 5540 C	0.019	0.05	WKL	
ME-SCR	2018/19-3	Wet	1/6/2019 10:00:00 AM	2/2/2019 10:32:00 AM	Phenolics	n/a	=	0.015	mg/L	EPA 420.4	0.0042	0.01	WKL	
ME-SCR	2018/19-3	Wet	1/6/2019 10:00:00 AM	1/16/2019 2:10:00 PM	Specific Conductance	n/a	=	1500	µmhos/cm	SM 2510 B	0.94	8	WKL	
ME-SCR	2018/19-3	Wet	1/6/2019 10:00:00 AM	1/7/2019 6:56:00 AM	Total Chlorine Residual	n/a	DNQ	0.033	mg/L	SM 4500-Cl G	0.0015	0.05	WKL	EST-HT, UL-MB
ME-SCR	2018/19-3	Wet	1/6/2019 10:00:00 AM	1/10/2019 2:32:00 PM	Total Dissolved Solids	n/a	=	980	mg/L	SM 2540 C	4	10	WKL	
ME-SCR	2018/19-3	Wet	1/6/2019 10:00:00 AM	1/31/2019 1:41:00 PM	Total Organic Carbon	n/a	=	4.8	mg/L	SM 5310 B	0.21	0.3	MCA	

Appendix G
Laboratory Environmental Analysis Results

Site ID	Event	Event Type	Sample Date	Analysis Date	Constituent	Fraction	Sign	Result	Units	Method	MDL	Reporting Limit	Analyzing Laboratory	Qualifier
ME-SCR	2018/19-3	Wet	1/6/2019 10:00:00 AM	1/9/2019 1:40:00 PM	Total Suspended Solids	n/a	=	110	mg/L	SM 2540 D	-88	5	WKL	
ME-SCR	2018/19-3	Wet	1/6/2019 10:00:00 AM	1/7/2019 11:44:00 AM	Turbidity	n/a	=	54	NTU	EPA 180.1	0.048	0.2	WKL	
ME-SCR	2018/19-3	Wet	1/6/2019 10:00:00 AM	1/9/2019 1:40:00 PM	Volatile Suspended Solids	n/a	=	11	mg/L	EPA 160.4	3.1	5	WKL	
ME-SCR	2018/19-3	Wet	1/6/2019 10:00:00 AM	1/22/2019 8:49:00 PM	Diesel Range Organics	n/a	=	0.11	mg/L	EPA 8015D	0.024	0.1	WKL	UL-MB
ME-SCR	2018/19-3	Wet	1/6/2019 10:00:00 AM	1/22/2019 8:49:00 PM	Oil Range Organics	n/a	<	0.33	mg/L	EPA 8015D	0.33	0.5	WKL	
ME-SCR	2018/19-3	Wet	1/6/2019 10:00:00 AM	2/4/2019 6:27:00 PM	Aluminum	Dissolved	DNQ	4.4	µg/L	EPA 200.8	1.3	5	WKL	
ME-SCR	2018/19-3	Wet	1/6/2019 10:00:00 AM	2/4/2019 9:56:00 PM	Aluminum	Total	=	1700	µg/L	EPA 200.8	1.3	5	WKL	
ME-SCR	2018/19-3	Wet	1/6/2019 10:00:00 AM	2/4/2019 6:27:00 PM	Antimony	Dissolved	DNQ	0.24	µg/L	EPA 200.8	0.045	0.5	WKL	
ME-SCR	2018/19-3	Wet	1/6/2019 10:00:00 AM	2/4/2019 9:56:00 PM	Antimony	Total	DNQ	0.3	µg/L	EPA 200.8	0.045	0.5	WKL	
ME-SCR	2018/19-3	Wet	1/6/2019 10:00:00 AM	2/4/2019 6:27:00 PM	Arsenic	Dissolved	=	0.62	µg/L	EPA 200.8	0.074	0.4	WKL	
ME-SCR	2018/19-3	Wet	1/6/2019 10:00:00 AM	2/4/2019 9:56:00 PM	Arsenic	Total	=	1.2	µg/L	EPA 200.8	0.074	0.4	WKL	
ME-SCR	2018/19-3	Wet	1/6/2019 10:00:00 AM	2/4/2019 9:56:00 PM	Barium	Total	=	44	µg/L	EPA 200.8	0.071	0.5	WKL	
ME-SCR	2018/19-3	Wet	1/6/2019 10:00:00 AM	2/4/2019 6:27:00 PM	Beryllium	Dissolved	<	0.033	µg/L	EPA 200.8	0.033	0.1	WKL	
ME-SCR	2018/19-3	Wet	1/6/2019 10:00:00 AM	2/4/2019 9:56:00 PM	Beryllium	Total	DNQ	0.06	µg/L	EPA 200.8	0.033	0.1	WKL	
ME-SCR	2018/19-3	Wet	1/6/2019 10:00:00 AM	2/4/2019 6:27:00 PM	Cadmium	Dissolved	DNQ	0.05	µg/L	EPA 200.8	0.041	0.1	WKL	
ME-SCR	2018/19-3	Wet	1/6/2019 10:00:00 AM	2/4/2019 9:56:00 PM	Cadmium	Total	=	0.12	µg/L	EPA 200.8	0.041	0.1	WKL	
ME-SCR	2018/19-3	Wet	1/6/2019 10:00:00 AM	2/4/2019 6:27:00 PM	Chromium	Dissolved	DNQ	0.15	µg/L	EPA 200.8	0.035	0.2	WKL	
ME-SCR	2018/19-3	Wet	1/6/2019 10:00:00 AM	2/4/2019 9:56:00 PM	Chromium	Total	=	2.5	µg/L	EPA 200.8	0.035	0.2	WKL	
ME-SCR	2018/19-3	Wet	1/6/2019 10:00:00 AM	1/18/2019 1:28:00 PM	Chromium VI	n/a	=	0.16	µg/L	EPA 218.6	0.0048	0.02	WKL	
ME-SCR	2018/19-3	Wet	1/6/2019 10:00:00 AM	2/4/2019 6:27:00 PM	Copper	Dissolved	=	1.8	µg/L	EPA 200.8	0.13	0.5	WKL	
ME-SCR	2018/19-3	Wet	1/6/2019 10:00:00 AM	2/4/2019 9:56:00 PM	Copper	Total	=	4.1	µg/L	EPA 200.8	0.13	0.5	WKL	
ME-SCR	2018/19-3	Wet	1/6/2019 10:00:00 AM	1/30/2019 9:05:00 PM	Iron	Dissolved	=	10	µg/L	EPA 200.7	1.1	10	WKL	
ME-SCR	2018/19-3	Wet	1/6/2019 10:00:00 AM	1/30/2019 9:53:00 PM	Iron	Total	=	2000	µg/L	EPA 200.7	1.1	10	WKL	HB-MSR
ME-SCR	2018/19-3	Wet	1/6/2019 10:00:00 AM	2/4/2019 6:27:00 PM	Lead	Dissolved	<	0.031	µg/L	EPA 200.8	0.031	0.2	WKL	
ME-SCR	2018/19-3	Wet	1/6/2019 10:00:00 AM	2/4/2019 9:56:00 PM	Lead	Total	=	1.1	µg/L	EPA 200.8	0.031	0.2	WKL	
ME-SCR	2018/19-3	Wet	1/6/2019 10:00:00 AM	1/10/2019 3:45:00 PM	Mercury	Dissolved	<	17	ng/L	EPA 245.1	17	50	WKL	
ME-SCR	2018/19-3	Wet	1/6/2019 10:00:00 AM	1/10/2019 3:47:00 PM	Mercury	Total	<	17	ng/L	EPA 245.1	17	50	WKL	
ME-SCR	2018/19-3	Wet	1/6/2019 10:00:00 AM	2/4/2019 6:27:00 PM	Nickel	Dissolved	=	1.5	µg/L	EPA 200.8	0.045	0.8	WKL	
ME-SCR	2018/19-3	Wet	1/6/2019 10:00:00 AM	2/4/2019 9:56:00 PM	Nickel	Total	=	3.5	µg/L	EPA 200.8	0.045	0.8	WKL	
ME-SCR	2018/19-3	Wet	1/6/2019 10:00:00 AM	2/4/2019 6:27:00 PM	Selenium	Dissolved	=	3.2	µg/L	EPA 200.8	0.14	0.4	WKL	
ME-SCR	2018/19-3	Wet	1/6/2019 10:00:00 AM	2/4/2019 9:56:00 PM	Selenium	Total	=	3.5	µg/L	EPA 200.8	0.14	0.4	WKL	
ME-SCR	2018/19-3	Wet	1/6/2019 10:00:00 AM	2/4/2019 6:27:00 PM	Silver	Dissolved	<	0.062	µg/L	EPA 200.8	0.062	0.2	WKL	
ME-SCR	2018/19-3	Wet	1/6/2019 10:00:00 AM	2/4/2019 9:56:00 PM	Silver	Total	<	0.062	µg/L	EPA 200.8	0.062	0.2	WKL	
ME-SCR	2018/19-3	Wet	1/6/2019 10:00:00 AM	2/4/2019 6:27:00 PM	Thallium	Dissolved	<	0.014	µg/L	EPA 200.8	0.014	0.2	WKL	
ME-SCR	2018/19-3	Wet	1/6/2019 10:00:00 AM	2/4/2019 9:56:00 PM	Thallium	Total	DNQ	0.02	µg/L	EPA 200.8	0.014	0.2	WKL	
ME-SCR	2018/19-3	Wet	1/6/2019 10:00:00 AM	2/4/2019 6:27:00 PM	Zinc	Dissolved	DNQ	1.8	µg/L	EPA 200.8	0.94	5	WKL	
ME-SCR	2018/19-3	Wet	1/6/2019 10:00:00 AM	2/4/2019 9:56:00 PM	Zinc	Total	=	8.6	µg/L	EPA 200.8	0.94	5	WKL	
ME-SCR	2018/19-3	Wet	1/6/2019 10:00:00 AM	1/15/2019 6:47:00 PM	Ammonia as N	n/a	=	0.26	mg/L	EPA 350.1	0.048	0.1	WKL	
ME-SCR	2018/19-3	Wet	1/6/2019 10:00:00 AM	1/12/2019 10:00:00 AM	Nitrate + Nitrite as N	n/a	=	1.7	mg/L	EPA 353.2	0.083	0.2	WKL	
ME-SCR	2018/19-3	Wet	1/6/2019 10:00:00 AM	1/17/2019 6:24:00 PM	Phosphorus as P	Dissolved	=	0.046	mg/L	EPA 200.7	0.012	0.02	WKL	
ME-SCR	2018/19-3	Wet	1/6/2019 10:00:00 AM	1/17/2019 6:27:00 PM	Phosphorus as P	Total	=	0.12	mg/L	EPA 200.7	0.012	0.02	WKL	
ME-SCR	2018/19-3	Wet	1/6/2019 10:00:00 AM	1/12/2019 1:50:00 PM	TKN	n/a	=	0.58	mg/L	EPA 351.2	0.05	0.1	WKL	
ME-SCR	2018/19-3	Wet	1/6/2019 10:00:00 AM	1/30/2019 1:07:00 AM	1,2,4-Trichlorobenzene	n/a	<	0.55	µg/L	EPA 625	0.55	1	WKL	
ME-SCR	2018/19-3	Wet	1/6/2019 10:00:00 AM	1/30/2019 1:07:00 AM	1,2-Dichlorobenzene	n/a	<	0.57	µg/L	EPA 625	0.57	1	WKL	
ME-SCR	2018/19-3	Wet	1/6/2019 10:00:00 AM	1/30/2019 1:07:00 AM	1,2-Diphenylhydrazine	n/a	<	0.25	µg/L	EPA 625	0.25	1	WKL	
ME-SCR	2018/19-3	Wet	1/6/2019 10:00:00 AM	1/30/2019 1:07:00 AM	1,3-Dichlorobenzene	n/a	<	0.53	µg/L	EPA 625	0.53	1	WKL	
ME-SCR	2018/19-3	Wet	1/6/2019 10:00:00 AM	1/30/2019 1:07:00 AM	1,4-Dichlorobenzene	n/a	<	0.55	µg/L	EPA 625	0.55	1	WKL	
ME-SCR	2018/19-3	Wet	1/6/2019 10:00:00 AM	2/1/2019 8:47:00 PM	1-Methylnaphthalene	n/a	<	0.1	µg/L	EPA 8270C	0.1	0.1	WKL	

Appendix G
Laboratory Environmental Analysis Results

Site ID	Event	Event Type	Sample Date	Analysis Date	Constituent	Fraction	Sign	Result	Units	Method	MDL	Reporting Limit	Analyzing Laboratory	Qualifier
ME-SCR	2018/19-3	Wet	1/6/2019 10:00:00 AM	2/5/2019 9:25:00 PM	2,4,5-Trichlorophenol	n/a	<	0.29	µg/L	EPA 8270C	0.29	1	WKL	
ME-SCR	2018/19-3	Wet	1/6/2019 10:00:00 AM	1/30/2019 1:07:00 AM	2,4,6-Trichlorophenol	n/a	<	0.22	µg/L	EPA 625	0.22	1	WKL	
ME-SCR	2018/19-3	Wet	1/6/2019 10:00:00 AM	2/5/2019 9:25:00 PM	2,4,6-Trichlorophenol	n/a	<	0.3	µg/L	EPA 8270C	0.3	1	WKL	
ME-SCR	2018/19-3	Wet	1/6/2019 10:00:00 AM	1/30/2019 1:07:00 AM	2,4-Dichlorophenol	n/a	<	0.26	µg/L	EPA 625	0.26	1	WKL	
ME-SCR	2018/19-3	Wet	1/6/2019 10:00:00 AM	2/5/2019 9:25:00 PM	2,4-Dichlorophenol	n/a	<	0.51	µg/L	EPA 8270C	0.51	1	WKL	
ME-SCR	2018/19-3	Wet	1/6/2019 10:00:00 AM	1/30/2019 1:07:00 AM	2,4-Dimethylphenol	n/a	<	0.3	µg/L	EPA 625	0.3	1	WKL	
ME-SCR	2018/19-3	Wet	1/6/2019 10:00:00 AM	2/5/2019 9:25:00 PM	2,4-Dimethylphenol	n/a	<	1	µg/L	EPA 8270C	1	2	WKL	
ME-SCR	2018/19-3	Wet	1/6/2019 10:00:00 AM	1/30/2019 1:07:00 AM	2,4-Dinitrophenol	n/a	<	1.6	µg/L	EPA 625	1.6	10	WKL	
ME-SCR	2018/19-3	Wet	1/6/2019 10:00:00 AM	2/5/2019 9:25:00 PM	2,4-Dinitrophenol	n/a	DNQ	1	µg/L	EPA 8270C	1	2	WKL	
ME-SCR	2018/19-3	Wet	1/6/2019 10:00:00 AM	1/30/2019 1:07:00 AM	2,4-Dinitrotoluene	n/a	<	0.18	µg/L	EPA 625	0.18	1	WKL	
ME-SCR	2018/19-3	Wet	1/6/2019 10:00:00 AM	1/30/2019 1:07:00 AM	2,6-Dinitrotoluene	n/a	<	0.27	µg/L	EPA 625	0.27	1	WKL	
ME-SCR	2018/19-3	Wet	1/6/2019 10:00:00 AM	1/30/2019 1:07:00 AM	2-Chloronaphthalene	n/a	<	0.45	µg/L	EPA 625	0.45	1	WKL	
ME-SCR	2018/19-3	Wet	1/6/2019 10:00:00 AM	1/30/2019 1:07:00 AM	2-Chlorophenol	n/a	<	0.28	µg/L	EPA 625	0.28	1	WKL	
ME-SCR	2018/19-3	Wet	1/6/2019 10:00:00 AM	2/5/2019 9:25:00 PM	2-Chlorophenol	n/a	<	0.65	µg/L	EPA 8270C	0.65	1	WKL	
ME-SCR	2018/19-3	Wet	1/6/2019 10:00:00 AM	2/1/2019 8:47:00 PM	2-Methylnaphthalene	n/a	<	0.1	µg/L	EPA 8270C	0.1	0.1	WKL	
ME-SCR	2018/19-3	Wet	1/6/2019 10:00:00 AM	2/5/2019 9:25:00 PM	2-Methylphenol	n/a	<	0.34	µg/L	EPA 8270C	0.34	1	WKL	
ME-SCR	2018/19-3	Wet	1/6/2019 10:00:00 AM	1/30/2019 1:07:00 AM	2-Nitrophenol	n/a	<	0.26	µg/L	EPA 625	0.26	1	WKL	
ME-SCR	2018/19-3	Wet	1/6/2019 10:00:00 AM	2/5/2019 9:25:00 PM	2-Nitrophenol	n/a	<	0.71	µg/L	EPA 8270C	0.71	1	WKL	
ME-SCR	2018/19-3	Wet	1/6/2019 10:00:00 AM	1/30/2019 1:07:00 AM	3,3'-Dichlorobenzidine	n/a	<	1.2	µg/L	EPA 625	1.2	5	WKL	
ME-SCR	2018/19-3	Wet	1/6/2019 10:00:00 AM	2/5/2019 9:25:00 PM	3-/4-Methylphenol	n/a	<	0.3	µg/L	EPA 8270C	0.3	1	WKL	
ME-SCR	2018/19-3	Wet	1/6/2019 10:00:00 AM	1/30/2019 1:07:00 AM	4,6-Dinitro-2-methylphenol	n/a	<	1.7	µg/L	EPA 625	1.7	5	WKL	
ME-SCR	2018/19-3	Wet	1/6/2019 10:00:00 AM	2/5/2019 9:25:00 PM	4,6-Dinitro-2-methylphenol	n/a	DNQ	0.54	µg/L	EPA 8270C	0.14	1	WKL	
ME-SCR	2018/19-3	Wet	1/6/2019 10:00:00 AM	1/30/2019 1:07:00 AM	4-Bromophenyl phenyl ether	n/a	<	0.36	µg/L	EPA 625	0.36	1	WKL	
ME-SCR	2018/19-3	Wet	1/6/2019 10:00:00 AM	2/5/2019 9:25:00 PM	4-Chloro-3-methylphenol	n/a	<	0.37	µg/L	EPA 8270C	0.37	1	WKL	
ME-SCR	2018/19-3	Wet	1/6/2019 10:00:00 AM	1/30/2019 1:07:00 AM	4-Chloro-3-methylphenol	n/a	<	0.23	µg/L	EPA 625	0.23	1	WKL	
ME-SCR	2018/19-3	Wet	1/6/2019 10:00:00 AM	1/30/2019 1:07:00 AM	4-Chlorophenyl phenyl ether	n/a	<	0.41	µg/L	EPA 625	0.41	1	WKL	
ME-SCR	2018/19-3	Wet	1/6/2019 10:00:00 AM	2/5/2019 9:25:00 PM	4-Nitrophenol	n/a	<	1	µg/L	EPA 8270C	1	2	WKL	
ME-SCR	2018/19-3	Wet	1/6/2019 10:00:00 AM	1/30/2019 1:07:00 AM	4-Nitrophenol	n/a	<	0.45	µg/L	EPA 625	0.45	5	WKL	
ME-SCR	2018/19-3	Wet	1/6/2019 10:00:00 AM	1/30/2019 1:07:00 AM	Acenaphthene	n/a	<	0.38	µg/L	EPA 625	0.38	1	WKL	
ME-SCR	2018/19-3	Wet	1/6/2019 10:00:00 AM	2/1/2019 8:47:00 PM	Acenaphthene	n/a	<	0.1	µg/L	EPA 8270C	0.1	0.1	WKL	
ME-SCR	2018/19-3	Wet	1/6/2019 10:00:00 AM	1/30/2019 1:07:00 AM	Acenaphthylene	n/a	<	0.4	µg/L	EPA 625	0.4	1	WKL	
ME-SCR	2018/19-3	Wet	1/6/2019 10:00:00 AM	2/1/2019 8:47:00 PM	Acenaphthylene	n/a	<	0.1	µg/L	EPA 8270C	0.1	0.1	WKL	
ME-SCR	2018/19-3	Wet	1/6/2019 10:00:00 AM	1/30/2019 1:07:00 AM	Anthracene	n/a	<	0.34	µg/L	EPA 625	0.34	1	WKL	
ME-SCR	2018/19-3	Wet	1/6/2019 10:00:00 AM	2/1/2019 8:47:00 PM	Anthracene	n/a	<	0.1	µg/L	EPA 8270C	0.1	0.1	WKL	
ME-SCR	2018/19-3	Wet	1/6/2019 10:00:00 AM	2/1/2019 8:47:00 PM	Benz(a)anthracene	n/a	<	0.1	µg/L	EPA 8270C	0.1	0.1	WKL	
ME-SCR	2018/19-3	Wet	1/6/2019 10:00:00 AM	1/30/2019 1:07:00 AM	Benz(a)anthracene	n/a	<	0.19	µg/L	EPA 625	0.19	1	WKL	
ME-SCR	2018/19-3	Wet	1/6/2019 10:00:00 AM	1/30/2019 1:07:00 AM	Benzidine	n/a	<	3.7	µg/L	EPA 625	3.7	10	WKL	
ME-SCR	2018/19-3	Wet	1/6/2019 10:00:00 AM	1/30/2019 1:07:00 AM	Benzo(a)pyrene	n/a	<	0.13	µg/L	EPA 625	0.13	1	WKL	
ME-SCR	2018/19-3	Wet	1/6/2019 10:00:00 AM	2/1/2019 9:27:00 PM	Benzo(a)pyrene	n/a	<	0.35	µg/L	EPA 525.2	0.35	0.5	WKL	
ME-SCR	2018/19-3	Wet	1/6/2019 10:00:00 AM	2/1/2019 8:47:00 PM	Benzo(a)pyrene	n/a	<	0.1	µg/L	EPA 8270C	0.1	0.1	WKL	
ME-SCR	2018/19-3	Wet	1/6/2019 10:00:00 AM	1/30/2019 1:07:00 AM	Benzo(b)fluoranthene	n/a	<	0.14	µg/L	EPA 625	0.14	1	WKL	
ME-SCR	2018/19-3	Wet	1/6/2019 10:00:00 AM	2/1/2019 8:47:00 PM	Benzo(b)fluoranthene	n/a	<	0.1	µg/L	EPA 8270C	0.1	0.1	WKL	
ME-SCR	2018/19-3	Wet	1/6/2019 10:00:00 AM	2/1/2019 8:47:00 PM	Benzo(g,h,i)perylene	n/a	<	0.1	µg/L	EPA 8270C	0.1	0.1	WKL	
ME-SCR	2018/19-3	Wet	1/6/2019 10:00:00 AM	1/30/2019 1:07:00 AM	Benzo(g,h,i)perylene	n/a	<	0.1	µg/L	EPA 625	0.1	2	WKL	
ME-SCR	2018/19-3	Wet	1/6/2019 10:00:00 AM	2/1/2019 8:47:00 PM	Benzo(k)fluoranthene	n/a	<	0.1	µg/L	EPA 8270C	0.1	0.1	WKL	
ME-SCR	2018/19-3	Wet	1/6/2019 10:00:00 AM	1/30/2019 1:07:00 AM	Benzo(k)fluoranthene	n/a	<	0.22	µg/L	EPA 625	0.22	1	WKL	
ME-SCR	2018/19-3	Wet	1/6/2019 10:00:00 AM	1/30/2019 1:07:00 AM	Bis(2-chloroethoxy)methane	n/a	<	0.25	µg/L	EPA 625	0.25	1	WKL	
ME-SCR	2018/19-3	Wet	1/6/2019 10:00:00 AM	1/30/2019 1:07:00 AM	Bis(2-chloroethyl)ether	n/a	<	0.27	µg/L	EPA 625	0.27	1	WKL	

Appendix G
Laboratory Environmental Analysis Results

Site ID	Event	Event Type	Sample Date	Analysis Date	Constituent	Fraction	Sign	Result	Units	Method	MDL	Reporting Limit	Analyzing Laboratory	Qualifier
ME-SCR	2018/19-3	Wet	1/6/2019 10:00:00 AM	1/30/2019 1:07:00 AM	Bis(2-chloroisopropyl)ether	n/a	<	0.38	µg/L	EPA 625	0.38	1	WKL	
ME-SCR	2018/19-3	Wet	1/6/2019 10:00:00 AM	2/1/2019 9:27:00 PM	Bis(2-ethylhexyl)adipate	n/a	<	0.52	µg/L	EPA 525.2	0.52	25	WKL	
ME-SCR	2018/19-3	Wet	1/6/2019 10:00:00 AM	1/30/2019 9:44:00 AM	Bis(2-ethylhexyl)phthalate	n/a	=	99	µg/L	EPA 625	23	50	WKL	
ME-SCR	2018/19-3	Wet	1/6/2019 10:00:00 AM	2/1/2019 9:27:00 PM	Bis(2-ethylhexyl)phthalate	n/a	<	5.3	µg/L	EPA 525.2	5.3	15	WKL	
ME-SCR	2018/19-3	Wet	1/6/2019 10:00:00 AM	1/30/2019 1:07:00 AM	Butyl benzyl phthalate	n/a	DNQ	0.18	µg/L	EPA 625	0.18	1	WKL	
ME-SCR	2018/19-3	Wet	1/6/2019 10:00:00 AM	1/30/2019 1:07:00 AM	Chrysene	n/a	<	0.19	µg/L	EPA 625	0.19	1	WKL	
ME-SCR	2018/19-3	Wet	1/6/2019 10:00:00 AM	2/1/2019 8:47:00 PM	Chrysene	n/a	<	0.1	µg/L	EPA 8270C	0.1	0.1	WKL	
ME-SCR	2018/19-3	Wet	1/6/2019 10:00:00 AM	1/30/2019 1:07:00 AM	Dibenz(a,h)anthracene	n/a	<	0.08	µg/L	EPA 625	0.08	2	WKL	
ME-SCR	2018/19-3	Wet	1/6/2019 10:00:00 AM	2/1/2019 8:47:00 PM	Dibenz(a,h)anthracene	n/a	<	0.1	µg/L	EPA 8270C	0.1	0.1	WKL	
ME-SCR	2018/19-3	Wet	1/6/2019 10:00:00 AM	1/30/2019 1:07:00 AM	Diethyl phthalate	n/a	DNQ	0.15	µg/L	EPA 625	0.15	1	WKL	
ME-SCR	2018/19-3	Wet	1/6/2019 10:00:00 AM	1/30/2019 1:07:00 AM	Dimethyl phthalate	n/a	<	0.18	µg/L	EPA 625	0.18	1	WKL	
ME-SCR	2018/19-3	Wet	1/6/2019 10:00:00 AM	1/30/2019 1:07:00 AM	Di-n-butylphthalate	n/a	<	0.24	µg/L	EPA 625	0.24	1	WKL	
ME-SCR	2018/19-3	Wet	1/6/2019 10:00:00 AM	1/30/2019 1:07:00 AM	Di-n-octylphthalate	n/a	<	0.19	µg/L	EPA 625	0.19	1	WKL	
ME-SCR	2018/19-3	Wet	1/6/2019 10:00:00 AM	1/30/2019 1:07:00 AM	Fluoranthene	n/a	<	0.22	µg/L	EPA 625	0.22	1	WKL	
ME-SCR	2018/19-3	Wet	1/6/2019 10:00:00 AM	2/1/2019 8:47:00 PM	Fluoranthene	n/a	<	0.1	µg/L	EPA 8270C	0.1	0.1	WKL	
ME-SCR	2018/19-3	Wet	1/6/2019 10:00:00 AM	1/30/2019 1:07:00 AM	Fluorene	n/a	<	0.35	µg/L	EPA 625	0.35	1	WKL	
ME-SCR	2018/19-3	Wet	1/6/2019 10:00:00 AM	2/1/2019 8:47:00 PM	Fluorene	n/a	<	0.1	µg/L	EPA 8270C	0.1	0.1	WKL	
ME-SCR	2018/19-3	Wet	1/6/2019 10:00:00 AM	1/30/2019 1:07:00 AM	Hexachlorobenzene	n/a	<	0.49	µg/L	EPA 625	0.49	1	WKL	
ME-SCR	2018/19-3	Wet	1/6/2019 10:00:00 AM	1/30/2019 1:07:00 AM	Hexachlorobutadiene	n/a	<	0.47	µg/L	EPA 625	0.47	1	WKL	
ME-SCR	2018/19-3	Wet	1/6/2019 10:00:00 AM	1/30/2019 1:07:00 AM	Hexachlorocyclopentadiene	n/a	<	1.5	µg/L	EPA 625	1.5	5	WKL	
ME-SCR	2018/19-3	Wet	1/6/2019 10:00:00 AM	1/30/2019 1:07:00 AM	Hexachloroethane	n/a	<	0.52	µg/L	EPA 625	0.52	1	WKL	
ME-SCR	2018/19-3	Wet	1/6/2019 10:00:00 AM	2/1/2019 10:00:00 AM	Indeno(1,2,3-cd)pyrene	n/a	<	0.1	µg/L	EPA 8270C	0.1	0.1	WKL	
ME-SCR	2018/19-3	Wet	1/6/2019 10:00:00 AM	1/30/2019 1:07:00 AM	Indeno(1,2,3-cd)pyrene	n/a	<	0.12	µg/L	EPA 625	0.12	2	WKL	
ME-SCR	2018/19-3	Wet	1/6/2019 10:00:00 AM	1/30/2019 1:07:00 AM	Isophorone	n/a	<	0.21	µg/L	EPA 625	0.21	1	WKL	
ME-SCR	2018/19-3	Wet	1/6/2019 10:00:00 AM	1/30/2019 1:07:00 AM	Naphthalene	n/a	<	0.49	µg/L	EPA 625	0.49	1	WKL	
ME-SCR	2018/19-3	Wet	1/6/2019 10:00:00 AM	2/1/2019 8:47:00 PM	Naphthalene	n/a	<	0.1	µg/L	EPA 8270C	0.1	0.1	WKL	
ME-SCR	2018/19-3	Wet	1/6/2019 10:00:00 AM	1/30/2019 1:07:00 AM	Nitrobenzene	n/a	<	0.36	µg/L	EPA 625	0.36	1	WKL	
ME-SCR	2018/19-3	Wet	1/6/2019 10:00:00 AM	1/30/2019 1:07:00 AM	N-Nitrosodimethylamine	n/a	<	0.14	µg/L	EPA 625	0.14	1	WKL	
ME-SCR	2018/19-3	Wet	1/6/2019 10:00:00 AM	1/30/2019 1:07:00 AM	N-Nitrosodi-N-propylamine	n/a	<	0.26	µg/L	EPA 625	0.26	1	WKL	
ME-SCR	2018/19-3	Wet	1/6/2019 10:00:00 AM	1/30/2019 1:07:00 AM	N-Nitrosodiphenylamine	n/a	<	0.19	µg/L	EPA 625	0.19	1	WKL	
ME-SCR	2018/19-3	Wet	1/6/2019 10:00:00 AM	2/1/2019 8:47:00 PM	Phenanthrene	n/a	<	0.1	µg/L	EPA 8270C	0.1	0.1	WKL	
ME-SCR	2018/19-3	Wet	1/6/2019 10:00:00 AM	1/30/2019 1:07:00 AM	Phenanthrene	n/a	<	0.32	µg/L	EPA 625	0.32	1	WKL	
ME-SCR	2018/19-3	Wet	1/6/2019 10:00:00 AM	1/30/2019 1:07:00 AM	Phenol	n/a	<	0.16	µg/L	EPA 625	0.16	1	WKL	
ME-SCR	2018/19-3	Wet	1/6/2019 10:00:00 AM	2/5/2019 9:25:00 PM	Phenol	n/a	<	0.35	µg/L	EPA 8270C	0.35	1	WKL	
ME-SCR	2018/19-3	Wet	1/6/2019 10:00:00 AM	2/1/2019 8:47:00 PM	Pyrene	n/a	<	0.1	µg/L	EPA 8270C	0.1	0.1	WKL	
ME-SCR	2018/19-3	Wet	1/6/2019 10:00:00 AM	1/30/2019 1:07:00 AM	Pyrene	n/a	<	0.25	µg/L	EPA 625	0.25	1	WKL	
ME-SCR	2018/19-3	Wet	1/6/2019 10:00:00 AM	1/30/2019 8:05:00 PM	PCB Aroclor 1016	n/a	<	0.5	µg/L	EPA 608	0.5	5	WKL	
ME-SCR	2018/19-3	Wet	1/6/2019 10:00:00 AM	1/30/2019 8:05:00 PM	PCB Aroclor 1221	n/a	<	0.6	µg/L	EPA 608	0.6	5	WKL	
ME-SCR	2018/19-3	Wet	1/6/2019 10:00:00 AM	1/30/2019 8:05:00 PM	PCB Aroclor 1232	n/a	<	1.5	µg/L	EPA 608	1.5	5	WKL	
ME-SCR	2018/19-3	Wet	1/6/2019 10:00:00 AM	1/30/2019 8:05:00 PM	PCB Aroclor 1242	n/a	<	0.7	µg/L	EPA 608	0.7	5	WKL	
ME-SCR	2018/19-3	Wet	1/6/2019 10:00:00 AM	1/30/2019 8:05:00 PM	PCB Aroclor 1248	n/a	<	0.6	µg/L	EPA 608	0.6	5	WKL	
ME-SCR	2018/19-3	Wet	1/6/2019 10:00:00 AM	1/30/2019 8:05:00 PM	PCB Aroclor 1254	n/a	<	0.4	µg/L	EPA 608	0.4	5	WKL	
ME-SCR	2018/19-3	Wet	1/6/2019 10:00:00 AM	1/30/2019 8:05:00 PM	PCB Aroclor 1260	n/a	<	0.4	µg/L	EPA 608	0.4	5	WKL	
ME-SCR	2018/19-3	Wet	1/6/2019 10:00:00 AM	1/16/2019 2:05:00 AM	2,4,5-T	n/a	<	0.07	µg/L	EPA 515.3	0.07	0.2	WKL	
ME-SCR	2018/19-3	Wet	1/6/2019 10:00:00 AM	1/16/2019 2:05:00 AM	2,4,5-TP	n/a	<	0.09	µg/L	EPA 515.3	0.09	0.2	WKL	
ME-SCR	2018/19-3	Wet	1/6/2019 10:00:00 AM	1/16/2019 2:05:00 AM	2,4-D	n/a	<	0.07	µg/L	EPA 515.3	0.07	0.4	WKL	
ME-SCR	2018/19-3	Wet	1/6/2019 10:00:00 AM	1/16/2019 2:05:00 AM	2,4-DB	n/a	DNQ	0.2	µg/L	EPA 515.3	0.07	2	WKL	
ME-SCR	2018/19-3	Wet	1/6/2019 10:00:00 AM	1/16/2019 2:05:00 AM	3,5-Dichlorobenzoic acid	n/a	<	0.09	µg/L	EPA 515.3	0.09	1	WKL	

Appendix G
Laboratory Environmental Analysis Results

Site ID	Event	Event Type	Sample Date	Analysis Date	Constituent	Fraction	Sign	Result	Units	Method	MDL	Reporting Limit	Analyzing Laboratory	Qualifier
ME-SCR	2018/19-3	Wet	1/6/2019 10:00:00 AM	1/30/2019 8:05:00 PM	4,4'-DDD	n/a	<	0.03	µg/L	EPA 608	0.03	0.5	WKL	
ME-SCR	2018/19-3	Wet	1/6/2019 10:00:00 AM	1/30/2019 8:05:00 PM	4,4'-DDE	n/a	<	0.025	µg/L	EPA 608	0.025	0.5	WKL	
ME-SCR	2018/19-3	Wet	1/6/2019 10:00:00 AM	1/30/2019 8:05:00 PM	4,4'-DDT	n/a	<	0.031	µg/L	EPA 608	0.031	0.1	WKL	
ME-SCR	2018/19-3	Wet	1/6/2019 10:00:00 AM	1/16/2019 2:05:00 AM	Acifluorfen	n/a	<	0.06	µg/L	EPA 515.3	0.06	0.4	WKL	
ME-SCR	2018/19-3	Wet	1/6/2019 10:00:00 AM	2/1/2019 9:27:00 PM	Alachlor	n/a	<	0.11	µg/L	EPA 525.2	0.11	0.5	WKL	
ME-SCR	2018/19-3	Wet	1/6/2019 10:00:00 AM	1/30/2019 8:05:00 PM	Aldrin	n/a	<	0.015	µg/L	EPA 608	0.015	0.05	WKL	
ME-SCR	2018/19-3	Wet	1/6/2019 10:00:00 AM	1/30/2019 8:05:00 PM	alpha-BHC	n/a	<	0.018	µg/L	EPA 608	0.018	0.1	WKL	
ME-SCR	2018/19-3	Wet	1/6/2019 10:00:00 AM	1/30/2019 8:05:00 PM	alpha-Chlordane	n/a	<	0.041	µg/L	EPA 608	0.041	0.1	WKL	
ME-SCR	2018/19-3	Wet	1/6/2019 10:00:00 AM	2/1/2019 9:27:00 PM	Atrazine	n/a	<	0.17	µg/L	EPA 525.2	0.17	0.5	WKL	
ME-SCR	2018/19-3	Wet	1/6/2019 10:00:00 AM	1/25/2019 11:29:00 PM	Azinphos methyl	n/a	<	0.055	µg/L	EPA 525.2m	0.055	0.1	WKL	
ME-SCR	2018/19-3	Wet	1/6/2019 10:00:00 AM	1/16/2019 2:05:00 AM	Bentazon	n/a	<	0.11	µg/L	EPA 515.3	0.11	2	WKL	
ME-SCR	2018/19-3	Wet	1/6/2019 10:00:00 AM	1/30/2019 8:05:00 PM	beta-BHC	n/a	<	0.031	µg/L	EPA 608	0.031	0.05	WKL	
ME-SCR	2018/19-3	Wet	1/6/2019 10:00:00 AM	1/25/2019 11:29:00 PM	Bolstar	n/a	<	0.046	µg/L	EPA 525.2m	0.046	0.1	WKL	
ME-SCR	2018/19-3	Wet	1/6/2019 10:00:00 AM	2/1/2019 9:27:00 PM	Bromacil	n/a	<	0.19	µg/L	EPA 525.2	0.19	5	WKL	
ME-SCR	2018/19-3	Wet	1/6/2019 10:00:00 AM	2/1/2019 9:27:00 PM	Butachlor	n/a	<	0.085	µg/L	EPA 525.2	0.085	1	WKL	
ME-SCR	2018/19-3	Wet	1/6/2019 10:00:00 AM	2/1/2019 9:27:00 PM	Captan	n/a	<	4.3	µg/L	EPA 525.2	4.3	5	WKL	LB-LCSR
ME-SCR	2018/19-3	Wet	1/6/2019 10:00:00 AM	1/30/2019 8:05:00 PM	Chlordane (technical)	n/a	<	0.8	µg/L	EPA 608	0.8	1	WKL	
ME-SCR	2018/19-3	Wet	1/6/2019 10:00:00 AM	2/1/2019 10:00:00 AM	Chlorpropham	n/a	<	0.05	µg/L	EPA 525.2	0.05	0.5	WKL	
ME-SCR	2018/19-3	Wet	1/6/2019 10:00:00 AM	1/25/2019 11:29:00 PM	Chlorpyrifos	n/a	<	0.069	µg/L	EPA 525.2m	0.069	0.1	WKL	
ME-SCR	2018/19-3	Wet	1/6/2019 10:00:00 AM	1/25/2019 11:29:00 PM	Coumaphos	n/a	<	0.051	µg/L	EPA 525.2m	0.051	0.1	WKL	
ME-SCR	2018/19-3	Wet	1/6/2019 10:00:00 AM	2/1/2019 9:27:00 PM	Cyanazine	n/a	<	0.12	µg/L	EPA 525.2	0.12	0.5	WKL	
ME-SCR	2018/19-3	Wet	1/6/2019 10:00:00 AM	1/16/2019 2:05:00 AM	Dalapon	n/a	<	0.1	µg/L	EPA 515.3	0.1	0.4	WKL	
ME-SCR	2018/19-3	Wet	1/6/2019 10:00:00 AM	1/16/2019 2:05:00 AM	DCPA (Daacthal)	n/a	=	1.4	µg/L	EPA 515.3	0.07	0.1	WKL	
ME-SCR	2018/19-3	Wet	1/6/2019 10:00:00 AM	1/30/2019 8:05:00 PM	delta-BHC	n/a	<	0.025	µg/L	EPA 608	0.025	0.05	WKL	
ME-SCR	2018/19-3	Wet	1/6/2019 10:00:00 AM	1/25/2019 11:29:00 PM	Demeton-O	n/a	<	0.1	µg/L	EPA 525.2m	0.1	0.1	WKL	
ME-SCR	2018/19-3	Wet	1/6/2019 10:00:00 AM	1/25/2019 11:29:00 PM	Demeton-S	n/a	<	0.1	µg/L	EPA 525.2m	0.1	0.1	WKL	
ME-SCR	2018/19-3	Wet	1/6/2019 10:00:00 AM	2/1/2019 9:27:00 PM	Diazinon	n/a	<	0.48	µg/L	EPA 525.2	0.48	0.5	WKL	
ME-SCR	2018/19-3	Wet	1/6/2019 10:00:00 AM	1/25/2019 11:29:00 PM	Diazinon	n/a	<	0.052	µg/L	EPA 525.2m	0.052	0.1	WKL	
ME-SCR	2018/19-3	Wet	1/6/2019 10:00:00 AM	1/16/2019 2:05:00 AM	Dicamba	n/a	<	0.12	µg/L	EPA 515.3	0.12	0.6	WKL	
ME-SCR	2018/19-3	Wet	1/6/2019 10:00:00 AM	1/16/2019 2:05:00 AM	Dichlorprop	n/a	<	0.08	µg/L	EPA 515.3	0.08	0.3	WKL	
ME-SCR	2018/19-3	Wet	1/6/2019 10:00:00 AM	1/25/2019 11:29:00 PM	Dichlorvos	n/a	<	0.029	µg/L	EPA 525.2m	0.029	0.1	WKL	
ME-SCR	2018/19-3	Wet	1/6/2019 10:00:00 AM	1/30/2019 8:05:00 PM	Dieldrin	n/a	<	0.021	µg/L	EPA 608	0.021	0.1	WKL	
ME-SCR	2018/19-3	Wet	1/6/2019 10:00:00 AM	2/1/2019 9:27:00 PM	Dimethoate	n/a	<	0.12	µg/L	EPA 525.2	0.12	1	WKL	
ME-SCR	2018/19-3	Wet	1/6/2019 10:00:00 AM	1/25/2019 11:29:00 PM	Dimethoate	n/a	<	0.062	µg/L	EPA 525.2m	0.062	0.1	WKL	
ME-SCR	2018/19-3	Wet	1/6/2019 10:00:00 AM	1/16/2019 2:05:00 AM	Dinoseb	n/a	<	0.14	µg/L	EPA 515.3	0.14	0.4	WKL	
ME-SCR	2018/19-3	Wet	1/6/2019 10:00:00 AM	2/1/2019 9:27:00 PM	Diphenamid	n/a	<	0.12	µg/L	EPA 525.2	0.12	0.5	WKL	
ME-SCR	2018/19-3	Wet	1/6/2019 10:00:00 AM	2/1/2019 9:27:00 PM	Disulfoton	n/a	<	0.16	µg/L	EPA 525.2	0.16	0.5	WKL	
ME-SCR	2018/19-3	Wet	1/6/2019 10:00:00 AM	1/25/2019 11:29:00 PM	Disulfoton	n/a	<	0.1	µg/L	EPA 525.2m	0.1	0.1	WKL	
ME-SCR	2018/19-3	Wet	1/6/2019 10:00:00 AM	1/30/2019 8:05:00 PM	Endosulfan I	n/a	<	0.017	µg/L	EPA 608	0.017	0.2	WKL	
ME-SCR	2018/19-3	Wet	1/6/2019 10:00:00 AM	1/30/2019 8:05:00 PM	Endosulfan II	n/a	<	0.019	µg/L	EPA 608	0.019	0.1	WKL	
ME-SCR	2018/19-3	Wet	1/6/2019 10:00:00 AM	1/30/2019 8:05:00 PM	Endosulfan sulfate	n/a	<	0.08	µg/L	EPA 608	0.08	0.5	WKL	
ME-SCR	2018/19-3	Wet	1/6/2019 10:00:00 AM	1/30/2019 8:05:00 PM	Endrin	n/a	<	0.028	µg/L	EPA 608	0.028	0.1	WKL	
ME-SCR	2018/19-3	Wet	1/6/2019 10:00:00 AM	1/30/2019 8:05:00 PM	Endrin aldehyde	n/a	<	0.03	µg/L	EPA 608	0.03	0.1	WKL	LB-LCSR
ME-SCR	2018/19-3	Wet	1/6/2019 10:00:00 AM	2/1/2019 9:27:00 PM	EPTC	n/a	<	0.085	µg/L	EPA 525.2	0.085	5	WKL	
ME-SCR	2018/19-3	Wet	1/6/2019 10:00:00 AM	1/25/2019 11:29:00 PM	Ethoprop	n/a	<	0.067	µg/L	EPA 525.2m	0.067	0.1	WKL	
ME-SCR	2018/19-3	Wet	1/6/2019 10:00:00 AM	1/25/2019 11:29:00 PM	Ethyl parathion	n/a	<	0.054	µg/L	EPA 525.2m	0.054	0.1	WKL	
ME-SCR	2018/19-3	Wet	1/6/2019 10:00:00 AM	1/25/2019 11:29:00 PM	Fensulfothion	n/a	<	0.029	µg/L	EPA 525.2m	0.029	0.1	WKL	
ME-SCR	2018/19-3	Wet	1/6/2019 10:00:00 AM	1/25/2019 11:29:00 PM	Fenthion	n/a	<	0.038	µg/L	EPA 525.2m	0.038	0.1	WKL	

Appendix G
Laboratory Environmental Analysis Results

Site ID	Event	Event Type	Sample Date	Analysis Date	Constituent	Fraction	Sign	Result	Units	Method	MDL	Reporting Limit	Analyzing Laboratory	Qualifier
ME-SCR	2018/19-3	Wet	1/6/2019 10:00:00 AM	1/30/2019 8:05:00 PM	gamma-BHC (Lindane)	n/a	<	0.021	µg/L	EPA 608	0.021	0.2	WKL	
ME-SCR	2018/19-3	Wet	1/6/2019 10:00:00 AM	1/30/2019 8:05:00 PM	gamma-Chlordane	n/a	<	0.044	µg/L	EPA 608	0.044	0.1	WKL	
ME-SCR	2018/19-3	Wet	1/6/2019 10:00:00 AM	1/10/2019 2:55:00 AM	Glyphosate	n/a	DNQ	4.2	µg/L	EPA 547	1.8	5	WKL	
ME-SCR	2018/19-3	Wet	1/6/2019 10:00:00 AM	1/30/2019 8:05:00 PM	Heptachlor	n/a	<	0.017	µg/L	EPA 608	0.017	0.1	WKL	
ME-SCR	2018/19-3	Wet	1/6/2019 10:00:00 AM	1/30/2019 8:05:00 PM	Heptachlor epoxide	n/a	<	0.019	µg/L	EPA 608	0.019	0.1	WKL	
ME-SCR	2018/19-3	Wet	1/6/2019 10:00:00 AM	1/25/2019 11:29:00 PM	Malathion	n/a	<	0.076	µg/L	EPA 525.2m	0.076	0.1	WKL	
ME-SCR	2018/19-3	Wet	1/6/2019 10:00:00 AM	1/25/2019 11:29:00 PM	Merphos	n/a	<	0.058	µg/L	EPA 525.2m	0.058	0.1	WKL	
ME-SCR	2018/19-3	Wet	1/6/2019 10:00:00 AM	1/30/2019 8:05:00 PM	Methoxychlor	n/a	<	0.054	µg/L	EPA 608	0.054	0.2	WKL	
ME-SCR	2018/19-3	Wet	1/6/2019 10:00:00 AM	1/25/2019 11:29:00 PM	Methyl parathion	n/a	<	0.063	µg/L	EPA 525.2m	0.063	0.1	WKL	
ME-SCR	2018/19-3	Wet	1/6/2019 10:00:00 AM	2/1/2019 9:27:00 PM	Metolachlor	n/a	<	0.06	µg/L	EPA 525.2	0.06	0.5	WKL	
ME-SCR	2018/19-3	Wet	1/6/2019 10:00:00 AM	2/1/2019 9:27:00 PM	Metribuzin	n/a	DNQ	0.21	µg/L	EPA 525.2	0.075	0.5	WKL	
ME-SCR	2018/19-3	Wet	1/6/2019 10:00:00 AM	1/25/2019 11:29:00 PM	Mevinphos	n/a	<	0.042	µg/L	EPA 525.2m	0.042	0.1	WKL	
ME-SCR	2018/19-3	Wet	1/6/2019 10:00:00 AM	2/1/2019 9:27:00 PM	Molinate	n/a	<	0.2	µg/L	EPA 525.2	0.2	0.5	WKL	
ME-SCR	2018/19-3	Wet	1/6/2019 10:00:00 AM	1/25/2019 11:29:00 PM	Naled	n/a	<	0.076	µg/L	EPA 525.2m	0.076	0.1	WKL	
ME-SCR	2018/19-3	Wet	1/6/2019 10:00:00 AM	1/16/2019 2:05:00 AM	Pentachlorophenol	n/a	DNQ	0.055	µg/L	EPA 515.3	0.04	0.2	WKL	
ME-SCR	2018/19-3	Wet	1/6/2019 10:00:00 AM	2/5/2019 9:25:00 PM	Pentachlorophenol	n/a	DNQ	0.53	µg/L	EPA 8270C	0.15	1	WKL	
ME-SCR	2018/19-3	Wet	1/6/2019 10:00:00 AM	1/30/2019 1:07:00 AM	Pentachlorophenol	n/a	DNQ	0.53	µg/L	EPA 625	0.19	1	WKL	
ME-SCR	2018/19-3	Wet	1/6/2019 10:00:00 AM	1/25/2019 11:29:00 AM	Phorate	n/a	<	0.03	µg/L	EPA 525.2m	0.03	0.1	WKL	
ME-SCR	2018/19-3	Wet	1/6/2019 10:00:00 AM	1/16/2019 2:05:00 AM	Picloram	n/a	<	0.05	µg/L	EPA 515.3	0.05	0.6	WKL	
ME-SCR	2018/19-3	Wet	1/6/2019 10:00:00 AM	2/1/2019 9:27:00 PM	Prometon	n/a	DNQ	0.22	µg/L	EPA 525.2	0.12	1	WKL	
ME-SCR	2018/19-3	Wet	1/6/2019 10:00:00 AM	2/1/2019 9:27:00 PM	Prometryn	n/a	DNQ	0.28	µg/L	EPA 525.2	0.18	0.5	WKL	
ME-SCR	2018/19-3	Wet	1/6/2019 10:00:00 AM	1/25/2019 11:29:00 PM	Ronnel (Fenchlorphos)	n/a	<	0.041	µg/L	EPA 525.2m	0.041	0.1	WKL	
ME-SCR	2018/19-3	Wet	1/6/2019 10:00:00 AM	2/1/2019 9:27:00 PM	Simazine	n/a	DNQ	0.4	µg/L	EPA 525.2	0.075	0.5	WKL	
ME-SCR	2018/19-3	Wet	1/6/2019 10:00:00 AM	1/25/2019 11:29:00 PM	Stirophos (Tetrachlorvinphos)	n/a	<	0.031	µg/L	EPA 525.2m	0.031	0.1	WKL	
ME-SCR	2018/19-3	Wet	1/6/2019 10:00:00 AM	2/1/2019 9:27:00 PM	Terbacil	n/a	<	2.8	µg/L	EPA 525.2	2.8	10	WKL	
ME-SCR	2018/19-3	Wet	1/6/2019 10:00:00 AM	2/1/2019 9:27:00 PM	Thiobencarb	n/a	<	0.12	µg/L	EPA 525.2	0.12	1	WKL	
ME-SCR	2018/19-3	Wet	1/6/2019 10:00:00 AM	1/25/2019 11:29:00 PM	Tokuthion	n/a	<	0.078	µg/L	EPA 525.2m	0.078	0.1	WKL	
ME-SCR	2018/19-3	Wet	1/6/2019 10:00:00 AM	1/30/2019 8:05:00 PM	Toxaphene	n/a	<	1.2	µg/L	EPA 608	1.2	5	WKL	
ME-SCR	2018/19-3	Wet	1/6/2019 10:00:00 AM	1/25/2019 11:29:00 PM	Trichloronate	n/a	<	0.067	µg/L	EPA 525.2m	0.067	0.1	WKL	
ME-SCR	2018/19-3	Wet	1/6/2019 10:00:00 AM	2/1/2019 9:27:00 PM	Trithion	n/a	<	0.06	µg/L	EPA 525.2	0.06	0.5	WKL	
ME-SCR	2018/19-4	Wet	1/31/2019 2:00:00 PM	2/1/2019 9:00:00 AM	E. Coli	n/a	=	5475	MPN/100 mL	MMO-MUG	10	10	VCHCA	
ME-SCR	2018/19-4	Wet	1/31/2019 2:00:00 PM	2/1/2019 9:00:00 AM	Total Coliform	n/a	=	290900	MPN/100 mL	MMO-MUG	1000	1000	VCHCA	
ME-SCR	2018/19-4	Wet	1/31/2019 2:00:00 PM	1/31/2019 2:00:00 PM	Conductivity	n/a	=	614	µmhos/cm	Field Meter	-88	1	Field Crew	
ME-SCR	2018/19-4	Wet	1/31/2019 2:00:00 PM	2/13/2019 2:40:00 PM	Cyanide	Total	<	0.0005	mg/L	ASTM D7511	0.0005	0.002	WKL	
ME-SCR	2018/19-4	Wet	1/31/2019 2:00:00 PM	1/31/2019 2:00:00 PM	DO	n/a	=	10.08	mg/L	Field Meter	-88	0.3	Field Crew	
ME-SCR	2018/19-4	Wet	1/31/2019 2:00:00 PM	1/31/2019 2:00:00 PM	DO	n/a	=	97.8	%	Field Meter	-88	0.1	Field Crew	
ME-SCR	2018/19-4	Wet	1/31/2019 2:00:00 PM	1/31/2019 2:00:00 PM	pH	n/a	=	8.04	pH Units	Field Meter	-88	0.01	Field Crew	
ME-SCR	2018/19-4	Wet	1/31/2019 2:00:00 PM	1/31/2019 2:00:00 PM	Salinity	n/a	=	400	mg/L	Field Meter	-88	100	Field Crew	
ME-SCR	2018/19-4	Wet	1/31/2019 2:00:00 PM	1/31/2019 2:00:00 PM	Specific Conductance	n/a	=	775	µmhos/cm	Field Meter	-88	1	Field Crew	
ME-SCR	2018/19-4	Wet	1/31/2019 2:00:00 PM	1/31/2019 2:00:00 PM	Temperature	n/a	=	14.2	°C	Field Meter	-88	0.1	Field Crew	
ME-SCR	2018/19-4	Wet	1/31/2019 2:00:00 PM	2/8/2019 8:00:00 PM	Gasoline Range Organics	n/a	DNQ	0.02	mg/L	LUFT GC/MS	0.012	0.1	WKL	
ME-SCR	2018/19-4	Wet	1/31/2019 2:00:00 PM	2/12/2019 5:10:00 PM	Oil and Grease	n/a	<	1.3	mg/L	EPA 1664A	1.3	5	WKL	
ME-SCR	2018/19-4	Wet	1/31/2019 2:00:00 PM	2/3/2019 1:45:00 AM	2-Chloroethyl vinyl ether	n/a	<	0.28	µg/L	EPA 624	0.28	1	WKL	
ME-SCR	2018/19-4	Wet	1/31/2019 2:00:00 PM	2/3/2019 1:45:00 AM	Methyl tert-butyl ether (MTBE)	n/a	<	0.25	µg/L	EPA 624	0.25	1	WKL	
ME-SCR	2018/19-4	Wet	2/1/2019 9:00:00 AM	2/4/2019 12:00:00 PM	Chloride	n/a	=	51	mg/L	EPA 300.0	0.5	2.5	WKL	
ME-SCR	2018/19-4	Wet	2/1/2019 9:00:00 AM	2/4/2019 9:00:00 AM	Fluoride	n/a	DNQ	0.44	mg/L	EPA 300.0	0.1	0.5	WKL	
ME-SCR	2018/19-4	Wet	2/1/2019 9:00:00 AM	2/12/2019 1:31:00 PM	Perchlorate	n/a	<	0.95	µg/L	EPA 314.0	0.95	2	WKL	
ME-SCR	2018/19-4	Wet	2/1/2019 9:00:00 AM	2/4/2019 12:00:00 PM	Sulfate	Total	=	480	mg/L	EPA 300.0	0.5	2.5	WKL	

Appendix G
Laboratory Environmental Analysis Results

Site ID	Event	Event Type	Sample Date	Analysis Date	Constituent	Fraction	Sign	Result	Units	Method	MDL	Reporting Limit	Analyzing Laboratory	Qualifier
ME-SCR	2018/19-4	Wet	2/1/2019 9:00:00 AM	3/21/2019 12:27:00 PM	Calcium	Total	=	241	mg/L	EPA 200.7	0.032	0.2	WKL	
ME-SCR	2018/19-4	Wet	2/1/2019 9:00:00 AM	3/21/2019 12:27:00 PM	Magnesium	Total	=	119	mg/L	EPA 200.7	0.024	0.2	WKL	
ME-SCR	2018/19-4	Wet	2/1/2019 9:00:00 AM	3/21/2019 12:27:00 PM	Potassium	Total	=	41	mg/L	EPA 200.7	0.16	0.2	WKL	
ME-SCR	2018/19-4	Wet	2/1/2019 9:00:00 AM	3/21/2019 12:27:00 PM	Sodium	Total	=	120	mg/L	EPA 200.7	0.03	1	WKL	
ME-SCR	2018/19-4	Wet	2/1/2019 9:00:00 AM	2/5/2019 12:12:00 PM	Alkalinity as CaCO3	n/a	=	190	mg/L	SM 2320 B	0.56	2	WKL	
ME-SCR	2018/19-4	Wet	2/1/2019 9:00:00 AM	2/6/2019 5:23:00 PM	BOD	n/a	=	10	mg/L	SM 5210 B	2	2	WKL	
ME-SCR	2018/19-4	Wet	2/1/2019 9:00:00 AM	2/19/2019 11:25:00 AM	COD	n/a	=	330	mg/L	EPA 410.4	0.73	5	WKL	
ME-SCR	2018/19-4	Wet	2/1/2019 9:00:00 AM	3/1/2019 12:31:00 PM	Dissolved Carbon	Dissolved	=	51	mg/L	SM 5310 B	6.5	10	TestAmerica	
ME-SCR	2018/19-4	Wet	2/1/2019 9:00:00 AM	3/1/2019 12:31:00 PM	Dissolved Inorganic Carbon	Dissolved	=	46	mg/L	SM 5310 B	0.65	1	TestAmerica	BZ
ME-SCR	2018/19-4	Wet	2/1/2019 9:00:00 AM	3/1/2019 9:04:03 AM	Dissolved Organic Carbon	Dissolved	=	4.9	mg/L	SM 5310 B	0.65	1	TestAmerica	BZ
ME-SCR	2018/19-4	Wet	2/1/2019 9:00:00 AM	3/21/2019 12:27:00 PM	Hardness as CaCO3	Total	=	1090	mg/L	EPA 200.7	0.179	1.32	WKL	
ME-SCR	2018/19-4	Wet	2/1/2019 9:00:00 AM	2/1/2019 9:05:00 PM	MBAS	n/a	DNQ	0.024	mg/L	SM 5540 C	0.019	0.05	WKL	
ME-SCR	2018/19-4	Wet	2/1/2019 9:00:00 AM	2/21/2019 12:32:00 PM	Phenolics	n/a	DNQ	0.0099	mg/L	EPA 420.4	0.0042	0.01	WKL	
ME-SCR	2018/19-4	Wet	2/1/2019 9:00:00 AM	2/11/2019 3:13:00 PM	Specific Conductance	n/a	=	1600	µmhos/cm	SM 2510 B	0.94	8	WKL	
ME-SCR	2018/19-4	Wet	2/1/2019 9:00:00 AM	2/5/2019 3:24:00 PM	Total Dissolved Solids	n/a	=	1000	mg/L	SM 2540 C	4	10	WKL	
ME-SCR	2018/19-4	Wet	2/1/2019 9:00:00 AM	2/25/2019	Total Organic Carbon	n/a	=	6.2	mg/L	SM 5310 B	0.21	0.3	MCA	
ME-SCR	2018/19-4	Wet	2/1/2019 9:00:00 AM	2/4/2019 10:30:00 AM	Total Suspended Solids	n/a	=	220	mg/L	SM 2540 D	-88	5	WKL	
ME-SCR	2018/19-4	Wet	2/1/2019 9:00:00 AM	2/1/2019 6:27:00 PM	Turbidity	n/a	=	3400	NTU	EPA 180.1	2.4	10	WKL	
ME-SCR	2018/19-4	Wet	2/1/2019 9:00:00 AM	2/4/2019 10:30:00 AM	Volatile Suspended Solids	n/a	=	24	mg/L	EPA 160.4	3.1	5	WKL	
ME-SCR	2018/19-4	Wet	2/1/2019 9:00:00 AM	2/15/2019 4:01:00 AM	Diesel Range Organics	n/a	DNQ	0.4	mg/L	EPA 8015D	0.24	1	WKL	
ME-SCR	2018/19-4	Wet	2/1/2019 9:00:00 AM	2/15/2019 4:01:00 AM	Oil Range Organics	n/a	<	3.3	mg/L	EPA 8015D	3.3	5	WKL	
ME-SCR	2018/19-4	Wet	2/1/2019 9:00:00 AM	3/9/2019 11:06:00 AM	Aluminum	Dissolved	DNQ	3.6	µg/L	EPA 200.8	1.3	5	WKL	UL-MB
ME-SCR	2018/19-4	Wet	2/1/2019 9:00:00 AM	3/9/2019 12:59:00 PM	Aluminum	Total	=	98000	µg/L	EPA 200.8	260	1000	WKL	
ME-SCR	2018/19-4	Wet	2/1/2019 9:00:00 AM	3/9/2019 11:06:00 AM	Antimony	Dissolved	DNQ	0.38	µg/L	EPA 200.8	0.045	0.5	WKL	UL-MB
ME-SCR	2018/19-4	Wet	2/1/2019 9:00:00 AM	3/9/2019 11:10:00 AM	Antimony	Total	DNQ	0.46	µg/L	EPA 200.8	0.09	1	WKL	
ME-SCR	2018/19-4	Wet	2/1/2019 9:00:00 AM	3/9/2019 11:06:00 AM	Arsenic	Dissolved	=	0.68	µg/L	EPA 200.8	0.074	0.4	WKL	
ME-SCR	2018/19-4	Wet	2/1/2019 9:00:00 AM	3/9/2019 11:10:00 AM	Arsenic	Total	=	43	µg/L	EPA 200.8	0.15	0.8	WKL	
ME-SCR	2018/19-4	Wet	2/1/2019 9:00:00 AM	3/9/2019 11:10:00 AM	Barium	Total	=	1400	µg/L	EPA 200.8	0.14	1	WKL	
ME-SCR	2018/19-4	Wet	2/1/2019 9:00:00 AM	3/9/2019 11:06:00 AM	Beryllium	Dissolved	<	0.033	µg/L	EPA 200.8	0.033	0.1	WKL	
ME-SCR	2018/19-4	Wet	2/1/2019 9:00:00 AM	3/9/2019 11:10:00 AM	Beryllium	Total	=	7.1	µg/L	EPA 200.8	0.066	0.2	WKL	
ME-SCR	2018/19-4	Wet	2/1/2019 9:00:00 AM	3/9/2019 11:06:00 AM	Cadmium	Dissolved	DNQ	0.064	µg/L	EPA 200.8	0.041	0.1	WKL	
ME-SCR	2018/19-4	Wet	2/1/2019 9:00:00 AM	3/9/2019 11:10:00 AM	Cadmium	Total	=	9.5	µg/L	EPA 200.8	0.082	0.2	WKL	
ME-SCR	2018/19-4	Wet	2/1/2019 9:00:00 AM	3/9/2019 11:06:00 AM	Chromium	Dissolved	DNQ	0.15	µg/L	EPA 200.8	0.035	0.2	WKL	
ME-SCR	2018/19-4	Wet	2/1/2019 9:00:00 AM	3/9/2019 11:10:00 AM	Chromium	Total	=	180	µg/L	EPA 200.8	0.07	0.4	WKL	
ME-SCR	2018/19-4	Wet	2/1/2019 9:00:00 AM	2/1/2019 6:02:00 PM	Chromium VI	n/a	DNQ	0.048	µg/L	EPA 218.6	0.024	0.1	WKL	
ME-SCR	2018/19-4	Wet	2/1/2019 9:00:00 AM	3/9/2019 11:06:00 AM	Copper	Dissolved	=	2.5	µg/L	EPA 200.8	0.13	0.5	WKL	
ME-SCR	2018/19-4	Wet	2/1/2019 9:00:00 AM	3/9/2019 11:10:00 AM	Copper	Total	=	200	µg/L	EPA 200.8	0.26	1	WKL	
ME-SCR	2018/19-4	Wet	2/1/2019 9:00:00 AM	3/21/2019 12:13:00 PM	Iron	Dissolved	DNQ	5	µg/L	EPA 200.7	1.1	10	WKL	
ME-SCR	2018/19-4	Wet	2/1/2019 9:00:00 AM	3/21/2019 4:07:00 PM	Iron	Total	=	240000	µg/L	EPA 200.7	44	400	WKL	
ME-SCR	2018/19-4	Wet	2/1/2019 9:00:00 AM	3/9/2019 11:06:00 AM	Lead	Dissolved	<	0.031	µg/L	EPA 200.8	0.031	0.2	WKL	
ME-SCR	2018/19-4	Wet	2/1/2019 9:00:00 AM	3/9/2019 11:10:00 AM	Lead	Total	=	82	µg/L	EPA 200.8	0.062	0.4	WKL	
ME-SCR	2018/19-4	Wet	2/1/2019 9:00:00 AM	2/14/2019 2:44:00 PM	Mercury	Dissolved	<	17	ng/L	EPA 245.1	17	50	WKL	
ME-SCR	2018/19-4	Wet	2/1/2019 9:00:00 AM	2/14/2019 2:46:00 PM	Mercury	Total	=	300	ng/L	EPA 245.1	17	50	WKL	
ME-SCR	2018/19-4	Wet	2/1/2019 9:00:00 AM	3/9/2019 11:06:00 AM	Nickel	Dissolved	=	3	µg/L	EPA 200.8	0.045	0.8	WKL	
ME-SCR	2018/19-4	Wet	2/1/2019 9:00:00 AM	3/9/2019 11:10:00 AM	Nickel	Total	=	280	µg/L	EPA 200.8	0.09	1.6	WKL	
ME-SCR	2018/19-4	Wet	2/1/2019 9:00:00 AM	3/9/2019 11:06:00 AM	Selenium	Dissolved	=	3.7	µg/L	EPA 200.8	0.14	0.4	WKL	
ME-SCR	2018/19-4	Wet	2/1/2019 9:00:00 AM	3/9/2019 11:10:00 AM	Selenium	Total	=	9.9	µg/L	EPA 200.8	0.28	0.8	WKL	
ME-SCR	2018/19-4	Wet	2/1/2019 9:00:00 AM	3/9/2019 11:06:00 AM	Silver	Dissolved	DNQ	0.078	µg/L	EPA 200.8	0.062	0.2	WKL	

Appendix G
Laboratory Environmental Analysis Results

Site ID	Event	Event Type	Sample Date	Analysis Date	Constituent	Fraction	Sign	Result	Units	Method	MDL	Reporting Limit	Analyzing Laboratory	Qualifier
ME-SCR	2018/19-4	Wet	2/1/2019 9:00:00 AM	3/9/2019 11:10:00 AM	Silver	Total	=	1.1	µg/L	EPA 200.8	0.12	0.4	WKL	
ME-SCR	2018/19-4	Wet	2/1/2019 9:00:00 AM	3/9/2019 11:06:00 AM	Thallium	Dissolved	DNQ	0.021	µg/L	EPA 200.8	0.014	0.2	WKL	
ME-SCR	2018/19-4	Wet	2/1/2019 9:00:00 AM	3/9/2019 11:10:00 AM	Thallium	Total	=	2.5	µg/L	EPA 200.8	0.028	0.4	WKL	
ME-SCR	2018/19-4	Wet	2/1/2019 9:00:00 AM	3/9/2019 11:06:00 AM	Zinc	Dissolved	DNQ	1.5	µg/L	EPA 200.8	0.94	5	WKL	UL-MB
ME-SCR	2018/19-4	Wet	2/1/2019 9:00:00 AM	3/9/2019 11:10:00 AM	Zinc	Total	=	660	µg/L	EPA 200.8	1.9	10	WKL	
ME-SCR	2018/19-4	Wet	2/1/2019 9:00:00 AM	2/9/2019 4:27:00 PM	Ammonia as N	n/a	=	0.36	mg/L	EPA 350.1	0.048	0.1	WKL	
ME-SCR	2018/19-4	Wet	2/1/2019 9:00:00 AM	2/20/2019 12:00:00 PM	Nitrate + Nitrite as N	n/a	=	2	mg/L	EPA 353.2	0.083	0.2	WKL	
ME-SCR	2018/19-4	Wet	2/1/2019 9:00:00 AM	3/21/2019 12:13:00 PM	Phosphorus as P	Dissolved	=	0.042	mg/L	EPA 200.7	0.012	0.02	WKL	
ME-SCR	2018/19-4	Wet	2/1/2019 9:00:00 AM	2/7/2019 12:35:00 PM	Phosphorus as P	Dissolved	=	0.051	mg/L	EPA 365.1	0.0014	0.01	WKL	
ME-SCR	2018/19-4	Wet	2/1/2019 9:00:00 AM	3/21/2019 12:27:00 PM	Phosphorus as P	Total	=	7.1	mg/L	EPA 200.7	0.024	0.04	WKL	
ME-SCR	2018/19-4	Wet	2/1/2019 9:00:00 AM	2/7/2019 12:28:00 PM	Phosphorus as P	Total	=	8.2	mg/L	EPA 365.1	0.11	0.8	WKL	
ME-SCR	2018/19-4	Wet	2/1/2019 9:00:00 AM	2/26/2019 5:52:00 PM	TKN	n/a	=	1.1	mg/L	EPA 351.2	0.05	0.1	WKL	
ME-SCR	2018/19-4	Wet	2/1/2019 9:00:00 AM	2/26/2019 11:03:00 PM	1,2,4-Trichlorobenzene	n/a	<	5.5	µg/L	EPA 625	5.5	10	WKL	
ME-SCR	2018/19-4	Wet	2/1/2019 9:00:00 AM	2/26/2019 11:03:00 PM	1,2-Dichlorobenzene	n/a	<	5.7	µg/L	EPA 625	5.7	10	WKL	
ME-SCR	2018/19-4	Wet	2/1/2019 9:00:00 AM	2/26/2019 11:03:00 PM	1,2-Diphenylhydrazine	n/a	<	2.5	µg/L	EPA 625	2.5	10	WKL	
ME-SCR	2018/19-4	Wet	2/1/2019 9:00:00 AM	2/26/2019 11:03:00 PM	1,3-Dichlorobenzene	n/a	<	5.3	µg/L	EPA 625	5.3	10	WKL	
ME-SCR	2018/19-4	Wet	2/1/2019 9:00:00 AM	2/26/2019 11:03:00 PM	1,4-Dichlorobenzene	n/a	<	5.5	µg/L	EPA 625	5.5	10	WKL	
ME-SCR	2018/19-4	Wet	2/1/2019 9:00:00 AM	2/15/2019 5:16:00 PM	1-Methylnaphthalene	n/a	<	1	µg/L	EPA 8270C	1	1	WKL	
ME-SCR	2018/19-4	Wet	2/1/2019 9:00:00 AM	2/15/2019 2:28:00 PM	2,4,5-Trichlorophenol	n/a	<	2.9	µg/L	EPA 8270C	2.9	10	WKL	
ME-SCR	2018/19-4	Wet	2/1/2019 9:00:00 AM	2/26/2019 11:03:00 PM	2,4,6-Trichlorophenol	n/a	<	2.2	µg/L	EPA 625	2.2	10	WKL	
ME-SCR	2018/19-4	Wet	2/1/2019 9:00:00 AM	2/15/2019 2:28:00 PM	2,4,6-Trichlorophenol	n/a	<	3	µg/L	EPA 8270C	3	10	WKL	
ME-SCR	2018/19-4	Wet	2/1/2019 9:00:00 AM	2/26/2019 11:03:00 PM	2,4-Dichlorophenol	n/a	<	2.6	µg/L	EPA 625	2.6	10	WKL	
ME-SCR	2018/19-4	Wet	2/1/2019 9:00:00 AM	2/15/2019 2:28:00 PM	2,4-Dichlorophenol	n/a	<	5.1	µg/L	EPA 8270C	5.1	10	WKL	
ME-SCR	2018/19-4	Wet	2/1/2019 9:00:00 AM	2/26/2019 11:03:00 PM	2,4-Dimethylphenol	n/a	<	3	µg/L	EPA 625	3	10	WKL	
ME-SCR	2018/19-4	Wet	2/1/2019 9:00:00 AM	2/15/2019 2:28:00 PM	2,4-Dimethylphenol	n/a	<	10	µg/L	EPA 8270C	10	20	WKL	
ME-SCR	2018/19-4	Wet	2/1/2019 9:00:00 AM	2/15/2019 2:28:00 PM	2,4-Dinitrophenol	n/a	<	10	µg/L	EPA 8270C	10	20	WKL	
ME-SCR	2018/19-4	Wet	2/1/2019 9:00:00 AM	2/26/2019 11:03:00 PM	2,4-Dinitrophenol	n/a	<	16	µg/L	EPA 625	16	100	WKL	
ME-SCR	2018/19-4	Wet	2/1/2019 9:00:00 AM	2/26/2019 11:03:00 PM	2,4-Dinitrotoluene	n/a	<	1.8	µg/L	EPA 625	1.8	10	WKL	
ME-SCR	2018/19-4	Wet	2/1/2019 9:00:00 AM	2/26/2019 11:03:00 PM	2,6-Dinitrotoluene	n/a	<	2.7	µg/L	EPA 625	2.7	10	WKL	
ME-SCR	2018/19-4	Wet	2/1/2019 9:00:00 AM	2/26/2019 11:03:00 PM	2-Chloronaphthalene	n/a	<	4.5	µg/L	EPA 625	4.5	10	WKL	
ME-SCR	2018/19-4	Wet	2/1/2019 9:00:00 AM	2/15/2019 2:28:00 PM	2-Chlorophenol	n/a	<	6.5	µg/L	EPA 8270C	6.5	10	WKL	
ME-SCR	2018/19-4	Wet	2/1/2019 9:00:00 AM	2/26/2019 11:03:00 PM	2-Chlorophenol	n/a	<	2.8	µg/L	EPA 625	2.8	10	WKL	
ME-SCR	2018/19-4	Wet	2/1/2019 9:00:00 AM	2/15/2019 5:16:00 PM	2-Methylnaphthalene	n/a	<	1	µg/L	EPA 8270C	1	1	WKL	
ME-SCR	2018/19-4	Wet	2/1/2019 9:00:00 AM	2/15/2019 2:28:00 PM	2-Methylphenol	n/a	<	3.4	µg/L	EPA 8270C	3.4	10	WKL	
ME-SCR	2018/19-4	Wet	2/1/2019 9:00:00 AM	2/26/2019 11:03:00 PM	2-Nitrophenol	n/a	<	2.6	µg/L	EPA 625	2.6	10	WKL	
ME-SCR	2018/19-4	Wet	2/1/2019 9:00:00 AM	2/15/2019 2:28:00 PM	2-Nitrophenol	n/a	<	7.1	µg/L	EPA 8270C	7.1	10	WKL	
ME-SCR	2018/19-4	Wet	2/1/2019 9:00:00 AM	2/26/2019 11:03:00 PM	3,3'-Dichlorobenzidine	n/a	<	12	µg/L	EPA 625	12	50	WKL	
ME-SCR	2018/19-4	Wet	2/1/2019 9:00:00 AM	2/15/2019 2:28:00 PM	3-/4-Methylphenol	n/a	<	3	µg/L	EPA 8270C	3	10	WKL	
ME-SCR	2018/19-4	Wet	2/1/2019 9:00:00 AM	2/15/2019 2:28:00 PM	4,6-Dinitro-2-methylphenol	n/a	<	1.4	µg/L	EPA 8270C	1.4	10	WKL	
ME-SCR	2018/19-4	Wet	2/1/2019 9:00:00 AM	2/26/2019 11:03:00 PM	4,6-Dinitro-2-methylphenol	n/a	<	17	µg/L	EPA 625	17	50	WKL	
ME-SCR	2018/19-4	Wet	2/1/2019 9:00:00 AM	2/26/2019 11:03:00 PM	4-Bromophenyl phenyl ether	n/a	<	3.6	µg/L	EPA 625	3.6	10	WKL	
ME-SCR	2018/19-4	Wet	2/1/2019 9:00:00 AM	2/15/2019 2:28:00 PM	4-Chloro-3-methylphenol	n/a	<	3.7	µg/L	EPA 8270C	3.7	10	WKL	
ME-SCR	2018/19-4	Wet	2/1/2019 9:00:00 AM	2/26/2019 11:03:00 PM	4-Chloro-3-methylphenol	n/a	<	2.3	µg/L	EPA 625	2.3	10	WKL	
ME-SCR	2018/19-4	Wet	2/1/2019 9:00:00 AM	2/26/2019 11:03:00 PM	4-Chlorophenyl phenyl ether	n/a	<	4.1	µg/L	EPA 625	4.1	10	WKL	
ME-SCR	2018/19-4	Wet	2/1/2019 9:00:00 AM	2/26/2019 11:03:00 PM	4-Nitrophenol	n/a	<	4.5	µg/L	EPA 625	4.5	50	WKL	
ME-SCR	2018/19-4	Wet	2/1/2019 9:00:00 AM	2/15/2019 2:28:00 PM	4-Nitrophenol	n/a	<	10	µg/L	EPA 8270C	10	20	WKL	
ME-SCR	2018/19-4	Wet	2/1/2019 9:00:00 AM	2/26/2019 11:03:00 PM	Acenaphthene	n/a	<	3.8	µg/L	EPA 625	3.8	10	WKL	
ME-SCR	2018/19-4	Wet	2/1/2019 9:00:00 AM	2/15/2019 5:16:00 PM	Acenaphthene	n/a	<	1	µg/L	EPA 8270C	1	1	WKL	

Appendix G
Laboratory Environmental Analysis Results

Site ID	Event	Event Type	Sample Date	Analysis Date	Constituent	Fraction	Sign	Result	Units	Method	MDL	Reporting Limit	Analyzing Laboratory	Qualifier
ME-SCR	2018/19-4	Wet	2/1/2019 9:00:00 AM	2/26/2019 11:03:00 PM	Acenaphthylene	n/a	<	4	µg/L	EPA 625	4	10	WKL	
ME-SCR	2018/19-4	Wet	2/1/2019 9:00:00 AM	2/15/2019 5:16:00 PM	Acenaphthylene	n/a	<	1	µg/L	EPA 8270C	1	1	WKL	
ME-SCR	2018/19-4	Wet	2/1/2019 9:00:00 AM	2/15/2019 5:16:00 PM	Anthracene	n/a	<	1	µg/L	EPA 8270C	1	1	WKL	
ME-SCR	2018/19-4	Wet	2/1/2019 9:00:00 AM	2/26/2019 11:03:00 PM	Anthracene	n/a	<	3.4	µg/L	EPA 625	3.4	10	WKL	
ME-SCR	2018/19-4	Wet	2/1/2019 9:00:00 AM	2/26/2019 11:03:00 PM	Benz(a)anthracene	n/a	<	1.9	µg/L	EPA 625	1.9	10	WKL	
ME-SCR	2018/19-4	Wet	2/1/2019 9:00:00 AM	2/15/2019 5:16:00 PM	Benz(a)anthracene	n/a	<	1	µg/L	EPA 8270C	1	1	WKL	
ME-SCR	2018/19-4	Wet	2/1/2019 9:00:00 AM	2/26/2019 11:03:00 PM	Benzidine	n/a	<	37	µg/L	EPA 625	37	100	WKL	
ME-SCR	2018/19-4	Wet	2/1/2019 9:00:00 AM	2/15/2019 5:16:00 PM	Benzo(a)pyrene	n/a	<	1	µg/L	EPA 8270C	1	1	WKL	
ME-SCR	2018/19-4	Wet	2/1/2019 9:00:00 AM	2/26/2019 11:03:00 PM	Benzo(a)pyrene	n/a	<	1.3	µg/L	EPA 625	1.3	10	WKL	
ME-SCR	2018/19-4	Wet	2/1/2019 9:00:00 AM	2/21/2019 3:14:00 AM	Benzo(a)pyrene	n/a	<	0.7	µg/L	EPA 525.2	0.7	1	WKL	
ME-SCR	2018/19-4	Wet	2/1/2019 9:00:00 AM	2/26/2019 11:03:00 PM	Benzo(b)fluoranthene	n/a	<	1.4	µg/L	EPA 625	1.4	10	WKL	
ME-SCR	2018/19-4	Wet	2/1/2019 9:00:00 AM	2/15/2019 5:16:00 PM	Benzo(b)fluoranthene	n/a	<	1	µg/L	EPA 8270C	1	1	WKL	
ME-SCR	2018/19-4	Wet	2/1/2019 9:00:00 AM	2/26/2019 11:03:00 PM	Benzo(g,h,i)perylene	n/a	<	1	µg/L	EPA 625	1	20	WKL	
ME-SCR	2018/19-4	Wet	2/1/2019 9:00:00 AM	2/15/2019 5:16:00 PM	Benzo(g,h,i)perylene	n/a	<	1	µg/L	EPA 8270C	1	1	WKL	
ME-SCR	2018/19-4	Wet	2/1/2019 9:00:00 AM	2/15/2019 5:16:00 PM	Benzo(k)fluoranthene	n/a	<	1	µg/L	EPA 8270C	1	1	WKL	
ME-SCR	2018/19-4	Wet	2/1/2019 9:00:00 AM	2/26/2019 11:03:00 PM	Benzo(k)fluoranthene	n/a	<	2.2	µg/L	EPA 625	2.2	10	WKL	
ME-SCR	2018/19-4	Wet	2/1/2019 9:00:00 AM	2/26/2019 11:03:00 PM	Bis(2-chloroethoxy)methane	n/a	<	2.5	µg/L	EPA 625	2.5	10	WKL	
ME-SCR	2018/19-4	Wet	2/1/2019 9:00:00 AM	2/26/2019 11:03:00 PM	Bis(2-chloroethyl)ether	n/a	<	2.7	µg/L	EPA 625	2.7	10	WKL	
ME-SCR	2018/19-4	Wet	2/1/2019 9:00:00 AM	2/26/2019 11:03:00 PM	Bis(2-chloroisopropyl)ether	n/a	<	3.8	µg/L	EPA 625	3.8	10	WKL	
ME-SCR	2018/19-4	Wet	2/1/2019 9:00:00 AM	2/21/2019 3:14:00 AM	Bis(2-ethylhexyl)adipate	n/a	<	1	µg/L	EPA 525.2	1	50	WKL	
ME-SCR	2018/19-4	Wet	2/1/2019 9:00:00 AM	2/21/2019 3:14:00 AM	Bis(2-ethylhexyl)phthalate	n/a	<	11	µg/L	EPA 525.2	11	30	WKL	
ME-SCR	2018/19-4	Wet	2/1/2019 9:00:00 AM	2/26/2019 11:03:00 PM	Bis(2-ethylhexyl)phthalate	n/a	<	23	µg/L	EPA 625	23	50	WKL	
ME-SCR	2018/19-4	Wet	2/1/2019 9:00:00 AM	2/26/2019 11:03:00 PM	Butyl benzyl phthalate	n/a	<	1.8	µg/L	EPA 625	1.8	10	WKL	
ME-SCR	2018/19-4	Wet	2/1/2019 9:00:00 AM	2/26/2019 11:03:00 PM	Chrysene	n/a	<	1.9	µg/L	EPA 625	1.9	10	WKL	
ME-SCR	2018/19-4	Wet	2/1/2019 9:00:00 AM	2/15/2019 5:16:00 PM	Chrysene	n/a	<	1	µg/L	EPA 8270C	1	1	WKL	
ME-SCR	2018/19-4	Wet	2/1/2019 9:00:00 AM	2/26/2019 11:03:00 PM	Dibenz(a,h)anthracene	n/a	<	0.8	µg/L	EPA 625	0.8	20	WKL	
ME-SCR	2018/19-4	Wet	2/1/2019 9:00:00 AM	2/15/2019 5:16:00 PM	Dibenz(a,h)anthracene	n/a	<	1	µg/L	EPA 8270C	1	1	WKL	
ME-SCR	2018/19-4	Wet	2/1/2019 9:00:00 AM	2/26/2019 11:03:00 PM	Diethyl phthalate	n/a	<	1.5	µg/L	EPA 625	1.5	10	WKL	
ME-SCR	2018/19-4	Wet	2/1/2019 9:00:00 AM	2/26/2019 11:03:00 PM	Dimethyl phthalate	n/a	<	1.8	µg/L	EPA 625	1.8	10	WKL	
ME-SCR	2018/19-4	Wet	2/1/2019 9:00:00 AM	2/26/2019 11:03:00 PM	Di-n-butylphthalate	n/a	<	2.4	µg/L	EPA 625	2.4	10	WKL	
ME-SCR	2018/19-4	Wet	2/1/2019 9:00:00 AM	2/26/2019 11:03:00 PM	Di-n-octylphthalate	n/a	<	1.9	µg/L	EPA 625	1.9	10	WKL	
ME-SCR	2018/19-4	Wet	2/1/2019 9:00:00 AM	2/26/2019 11:03:00 PM	Fluoranthene	n/a	<	2.2	µg/L	EPA 625	2.2	10	WKL	
ME-SCR	2018/19-4	Wet	2/1/2019 9:00:00 AM	2/15/2019 5:16:00 PM	Fluoranthene	n/a	<	1	µg/L	EPA 8270C	1	1	WKL	
ME-SCR	2018/19-4	Wet	2/1/2019 9:00:00 AM	2/26/2019 11:03:00 PM	Fluorene	n/a	<	3.5	µg/L	EPA 625	3.5	10	WKL	
ME-SCR	2018/19-4	Wet	2/1/2019 9:00:00 AM	2/15/2019 5:16:00 PM	Fluorene	n/a	<	1	µg/L	EPA 8270C	1	1	WKL	
ME-SCR	2018/19-4	Wet	2/1/2019 9:00:00 AM	2/26/2019 11:03:00 PM	Hexachlorobenzene	n/a	<	4.9	µg/L	EPA 625	4.9	10	WKL	
ME-SCR	2018/19-4	Wet	2/1/2019 9:00:00 AM	2/26/2019 11:03:00 PM	Hexachlorobutadiene	n/a	<	4.7	µg/L	EPA 625	4.7	10	WKL	
ME-SCR	2018/19-4	Wet	2/1/2019 9:00:00 AM	2/26/2019 11:03:00 PM	Hexachlorocyclopentadiene	n/a	<	15	µg/L	EPA 625	15	50	WKL	
ME-SCR	2018/19-4	Wet	2/1/2019 9:00:00 AM	2/26/2019 11:03:00 PM	Hexachloroethane	n/a	<	5.2	µg/L	EPA 625	5.2	10	WKL	
ME-SCR	2018/19-4	Wet	2/1/2019 9:00:00 AM	2/15/2019 5:16:00 PM	Indeno(1,2,3-cd)pyrene	n/a	<	1	µg/L	EPA 8270C	1	1	WKL	
ME-SCR	2018/19-4	Wet	2/1/2019 9:00:00 AM	2/26/2019 11:03:00 PM	Indeno(1,2,3-cd)pyrene	n/a	<	1.2	µg/L	EPA 625	1.2	20	WKL	
ME-SCR	2018/19-4	Wet	2/1/2019 9:00:00 AM	2/26/2019 11:03:00 PM	Isophorone	n/a	<	2.1	µg/L	EPA 625	2.1	10	WKL	
ME-SCR	2018/19-4	Wet	2/1/2019 9:00:00 AM	2/26/2019 11:03:00 PM	Naphthalene	n/a	<	4.9	µg/L	EPA 625	4.9	10	WKL	
ME-SCR	2018/19-4	Wet	2/1/2019 9:00:00 AM	2/15/2019 5:16:00 PM	Naphthalene	n/a	<	1	µg/L	EPA 8270C	1	1	WKL	
ME-SCR	2018/19-4	Wet	2/1/2019 9:00:00 AM	2/26/2019 11:03:00 PM	Nitrobenzene	n/a	<	3.6	µg/L	EPA 625	3.6	10	WKL	
ME-SCR	2018/19-4	Wet	2/1/2019 9:00:00 AM	2/26/2019 11:03:00 PM	N-Nitrosodimethylamine	n/a	<	1.4	µg/L	EPA 625	1.4	10	WKL	
ME-SCR	2018/19-4	Wet	2/1/2019 9:00:00 AM	2/26/2019 11:03:00 PM	N-Nitrosodi-N-propylamine	n/a	<	2.6	µg/L	EPA 625	2.6	10	WKL	
ME-SCR	2018/19-4	Wet	2/1/2019 9:00:00 AM	2/26/2019 11:03:00 PM	N-Nitrosodiphenylamine	n/a	<	1.9	µg/L	EPA 625	1.9	10	WKL	

Appendix G
Laboratory Environmental Analysis Results

Site ID	Event	Event Type	Sample Date	Analysis Date	Constituent	Fraction	Sign	Result	Units	Method	MDL	Reporting Limit	Analyzing Laboratory	Qualifier
ME-SCR	2018/19-4	Wet	2/1/2019 9:00:00 AM	2/15/2019 5:16:00 PM	Phenanthrene	n/a	<	1	µg/L	EPA 8270C	1	1	WKL	
ME-SCR	2018/19-4	Wet	2/1/2019 9:00:00 AM	2/26/2019 11:03:00 PM	Phenanthrene	n/a	<	3.2	µg/L	EPA 625	3.2	10	WKL	
ME-SCR	2018/19-4	Wet	2/1/2019 9:00:00 AM	2/26/2019 11:03:00 PM	Phenol	n/a	<	1.6	µg/L	EPA 625	1.6	10	WKL	
ME-SCR	2018/19-4	Wet	2/1/2019 9:00:00 AM	2/15/2019 2:28:00 PM	Phenol	n/a	<	3.5	µg/L	EPA 8270C	3.5	10	WKL	
ME-SCR	2018/19-4	Wet	2/1/2019 9:00:00 AM	2/26/2019 11:03:00 PM	Pyrene	n/a	<	2.5	µg/L	EPA 625	2.5	10	WKL	
ME-SCR	2018/19-4	Wet	2/1/2019 9:00:00 AM	2/15/2019 5:16:00 PM	Pyrene	n/a	<	1	µg/L	EPA 8270C	1	1	WKL	
ME-SCR	2018/19-4	Wet	2/1/2019 9:00:00 AM	3/14/2019 8:22:00 PM	PCB Aroclor 1016	n/a	<	1	µg/L	EPA 608	1	10	WKL	
ME-SCR	2018/19-4	Wet	2/1/2019 9:00:00 AM	3/14/2019 8:22:00 PM	PCB Aroclor 1221	n/a	<	1.2	µg/L	EPA 608	1.2	10	WKL	
ME-SCR	2018/19-4	Wet	2/1/2019 9:00:00 AM	3/14/2019 8:22:00 PM	PCB Aroclor 1232	n/a	<	3	µg/L	EPA 608	3	10	WKL	
ME-SCR	2018/19-4	Wet	2/1/2019 9:00:00 AM	3/14/2019 8:22:00 PM	PCB Aroclor 1242	n/a	<	1.4	µg/L	EPA 608	1.4	10	WKL	
ME-SCR	2018/19-4	Wet	2/1/2019 9:00:00 AM	3/14/2019 8:22:00 PM	PCB Aroclor 1248	n/a	<	1.2	µg/L	EPA 608	1.2	10	WKL	
ME-SCR	2018/19-4	Wet	2/1/2019 9:00:00 AM	3/14/2019 8:22:00 PM	PCB Aroclor 1254	n/a	<	0.8	µg/L	EPA 608	0.8	10	WKL	
ME-SCR	2018/19-4	Wet	2/1/2019 9:00:00 AM	3/14/2019 8:22:00 PM	PCB Aroclor 1260	n/a	<	0.8	µg/L	EPA 608	0.8	10	WKL	
ME-SCR	2018/19-4	Wet	2/1/2019 9:00:00 AM	2/20/2019 9:24:00 AM	2,4,5-T	n/a	<	0.07	µg/L	EPA 515.3	0.07	0.2	WKL	
ME-SCR	2018/19-4	Wet	2/1/2019 9:00:00 AM	2/20/2019 9:24:00 AM	2,4,5-TP	n/a	<	0.09	µg/L	EPA 515.3	0.09	0.2	WKL	
ME-SCR	2018/19-4	Wet	2/1/2019 9:00:00 AM	2/20/2019 9:24:00 AM	2,4-D	n/a	<	0.07	µg/L	EPA 515.3	0.07	0.4	WKL	
ME-SCR	2018/19-4	Wet	2/1/2019 9:00:00 AM	2/20/2019 9:24:00 AM	2,4-DB	n/a	<	0.07	µg/L	EPA 515.3	0.07	2	WKL	
ME-SCR	2018/19-4	Wet	2/1/2019 9:00:00 AM	2/20/2019 9:24:00 AM	3,5-Dichlorobenzoic acid	n/a	<	0.09	µg/L	EPA 515.3	0.09	1	WKL	
ME-SCR	2018/19-4	Wet	2/1/2019 9:00:00 AM	3/14/2019 8:22:00 PM	4,4'-DDD	n/a	<	0.06	µg/L	EPA 608	0.06	1	WKL	
ME-SCR	2018/19-4	Wet	2/1/2019 9:00:00 AM	3/14/2019 8:22:00 PM	4,4'-DDE	n/a	<	0.05	µg/L	EPA 608	0.05	1	WKL	
ME-SCR	2018/19-4	Wet	2/1/2019 9:00:00 AM	3/14/2019 8:22:00 PM	4,4'-DDT	n/a	<	0.062	µg/L	EPA 608	0.062	0.2	WKL	
ME-SCR	2018/19-4	Wet	2/1/2019 9:00:00 AM	2/20/2019 9:24:00 AM	Acifluorfen	n/a	<	0.06	µg/L	EPA 515.3	0.06	0.4	WKL	
ME-SCR	2018/19-4	Wet	2/1/2019 9:00:00 AM	2/21/2019 3:14:00 AM	Alachlor	n/a	<	0.22	µg/L	EPA 525.2	0.22	1	WKL	
ME-SCR	2018/19-4	Wet	2/1/2019 9:00:00 AM	3/14/2019 8:22:00 PM	Aldrin	n/a	<	0.03	µg/L	EPA 608	0.03	0.1	WKL	
ME-SCR	2018/19-4	Wet	2/1/2019 9:00:00 AM	3/14/2019 8:22:00 PM	alpha-BHC	n/a	<	0.036	µg/L	EPA 608	0.036	0.2	WKL	
ME-SCR	2018/19-4	Wet	2/1/2019 9:00:00 AM	3/14/2019 8:22:00 PM	alpha-Chlordane	n/a	<	0.082	µg/L	EPA 608	0.082	0.2	WKL	
ME-SCR	2018/19-4	Wet	2/1/2019 9:00:00 AM	2/21/2019 3:14:00 AM	Atrazine	n/a	<	0.34	µg/L	EPA 525.2	0.34	1	WKL	
ME-SCR	2018/19-4	Wet	2/1/2019 9:00:00 AM	2/21/2019 7:33:00 PM	Azinphos methyl	n/a	<	0.055	µg/L	EPA 525.2m	0.055	0.1	WKL	
ME-SCR	2018/19-4	Wet	2/1/2019 9:00:00 AM	2/20/2019 9:24:00 AM	Bentazon	n/a	<	0.11	µg/L	EPA 515.3	0.11	2	WKL	
ME-SCR	2018/19-4	Wet	2/1/2019 9:00:00 AM	3/14/2019 8:22:00 PM	beta-BHC	n/a	<	0.062	µg/L	EPA 608	0.062	0.1	WKL	
ME-SCR	2018/19-4	Wet	2/1/2019 9:00:00 AM	2/21/2019 7:33:00 PM	Bolstar	n/a	<	0.046	µg/L	EPA 525.2m	0.046	0.1	WKL	
ME-SCR	2018/19-4	Wet	2/1/2019 9:00:00 AM	2/21/2019 3:14:00 AM	Bromacil	n/a	<	0.38	µg/L	EPA 525.2	0.38	10	WKL	
ME-SCR	2018/19-4	Wet	2/1/2019 9:00:00 AM	2/21/2019 3:14:00 AM	Butachlor	n/a	<	0.17	µg/L	EPA 525.2	0.17	2	WKL	
ME-SCR	2018/19-4	Wet	2/1/2019 9:00:00 AM	2/21/2019 3:14:00 AM	Captan	n/a	<	8.6	µg/L	EPA 525.2	8.6	10	WKL	
ME-SCR	2018/19-4	Wet	2/1/2019 9:00:00 AM	3/14/2019 8:22:00 PM	Chlordane (technical)	n/a	<	1.6	µg/L	EPA 608	1.6	2	WKL	
ME-SCR	2018/19-4	Wet	2/1/2019 9:00:00 AM	2/21/2019 3:14:00 AM	Chloropropham	n/a	<	0.1	µg/L	EPA 525.2	0.1	1	WKL	
ME-SCR	2018/19-4	Wet	2/1/2019 9:00:00 AM	2/21/2019 7:33:00 PM	Chlorpyrifos	n/a	<	0.069	µg/L	EPA 525.2m	0.069	0.1	WKL	
ME-SCR	2018/19-4	Wet	2/1/2019 9:00:00 AM	2/21/2019 7:33:00 PM	Coumaphos	n/a	<	0.051	µg/L	EPA 525.2m	0.051	0.1	WKL	
ME-SCR	2018/19-4	Wet	2/1/2019 9:00:00 AM	2/21/2019 3:14:00 AM	Cyanazine	n/a	<	0.24	µg/L	EPA 525.2	0.24	1	WKL	
ME-SCR	2018/19-4	Wet	2/1/2019 9:00:00 AM	2/20/2019 9:24:00 AM	Dalapon	n/a	<	0.1	µg/L	EPA 515.3	0.1	0.4	WKL	
ME-SCR	2018/19-4	Wet	2/1/2019 9:00:00 AM	2/20/2019 9:24:00 AM	DCPA (Dacthal)	n/a	=	1.8	µg/L	EPA 515.3	0.07	0.1	WKL	
ME-SCR	2018/19-4	Wet	2/1/2019 9:00:00 AM	3/14/2019 8:22:00 PM	delta-BHC	n/a	<	0.05	µg/L	EPA 608	0.05	0.1	WKL	
ME-SCR	2018/19-4	Wet	2/1/2019 9:00:00 AM	2/21/2019 7:33:00 PM	Demeton-O	n/a	<	0.1	µg/L	EPA 525.2m	0.1	0.1	WKL	
ME-SCR	2018/19-4	Wet	2/1/2019 9:00:00 AM	2/21/2019 7:33:00 PM	Demeton-S	n/a	<	0.1	µg/L	EPA 525.2m	0.1	0.1	WKL	
ME-SCR	2018/19-4	Wet	2/1/2019 9:00:00 AM	2/21/2019 7:33:00 PM	Diazinon	n/a	<	0.052	µg/L	EPA 525.2m	0.052	0.1	WKL	
ME-SCR	2018/19-4	Wet	2/1/2019 9:00:00 AM	2/21/2019 3:14:00 AM	Diazinon	n/a	<	0.96	µg/L	EPA 525.2	0.96	1	WKL	
ME-SCR	2018/19-4	Wet	2/1/2019 9:00:00 AM	2/20/2019 9:24:00 AM	Dicamba	n/a	<	0.12	µg/L	EPA 515.3	0.12	0.6	WKL	
ME-SCR	2018/19-4	Wet	2/1/2019 9:00:00 AM	2/20/2019 9:24:00 AM	Dichlorprop	n/a	<	0.08	µg/L	EPA 515.3	0.08	0.3	WKL	

Appendix G
Laboratory Environmental Analysis Results

Site ID	Event	Event Type	Sample Date	Analysis Date	Constituent	Fraction	Sign	Result	Units	Method	MDL	Reporting Limit	Analyzing Laboratory	Qualifier
ME-SCR	2018/19-4	Wet	2/1/2019 9:00:00 AM	2/21/2019 7:33:00 PM	Dichlorvos	n/a	<	0.029	µg/L	EPA 525.2m	0.029	0.1	WKL	
ME-SCR	2018/19-4	Wet	2/1/2019 9:00:00 AM	3/14/2019 8:22:00 PM	Dieldrin	n/a	<	0.042	µg/L	EPA 608	0.042	0.2	WKL	
ME-SCR	2018/19-4	Wet	2/1/2019 9:00:00 AM	2/21/2019 7:33:00 PM	Dimethoate	n/a	<	0.062	µg/L	EPA 525.2m	0.062	0.1	WKL	
ME-SCR	2018/19-4	Wet	2/1/2019 9:00:00 AM	2/21/2019 3:14:00 AM	Dimethoate	n/a	<	0.24	µg/L	EPA 525.2	0.24	2	WKL	
ME-SCR	2018/19-4	Wet	2/1/2019 9:00:00 AM	2/20/2019 9:24:00 AM	Dinoseb	n/a	<	0.14	µg/L	EPA 515.3	0.14	0.4	WKL	
ME-SCR	2018/19-4	Wet	2/1/2019 9:00:00 AM	2/21/2019 3:14:00 AM	Diphenamid	n/a	<	0.24	µg/L	EPA 525.2	0.24	1	WKL	
ME-SCR	2018/19-4	Wet	2/1/2019 9:00:00 AM	2/21/2019 3:14:00 AM	Disulfoton	n/a	<	0.31	µg/L	EPA 525.2	0.31	1	WKL	
ME-SCR	2018/19-4	Wet	2/1/2019 9:00:00 AM	2/21/2019 7:33:00 PM	Disulfoton	n/a	<	0.1	µg/L	EPA 525.2m	0.1	0.1	WKL	
ME-SCR	2018/19-4	Wet	2/1/2019 9:00:00 AM	3/14/2019 8:22:00 PM	Endosulfan I	n/a	<	0.034	µg/L	EPA 608	0.034	0.4	WKL	
ME-SCR	2018/19-4	Wet	2/1/2019 9:00:00 AM	3/14/2019 8:22:00 PM	Endosulfan II	n/a	<	0.038	µg/L	EPA 608	0.038	0.2	WKL	
ME-SCR	2018/19-4	Wet	2/1/2019 9:00:00 AM	3/14/2019 8:22:00 PM	Endosulfan sulfate	n/a	<	0.16	µg/L	EPA 608	0.16	1	WKL	
ME-SCR	2018/19-4	Wet	2/1/2019 9:00:00 AM	3/14/2019 8:22:00 PM	Endrin	n/a	<	0.056	µg/L	EPA 608	0.056	0.2	WKL	
ME-SCR	2018/19-4	Wet	2/1/2019 9:00:00 AM	3/14/2019 8:22:00 PM	Endrin aldehyde	n/a	<	0.06	µg/L	EPA 608	0.06	0.2	WKL	
ME-SCR	2018/19-4	Wet	2/1/2019 9:00:00 AM	2/21/2019 9:00:00 AM	EPTC	n/a	<	0.17	µg/L	EPA 525.2	0.17	10	WKL	
ME-SCR	2018/19-4	Wet	2/1/2019 9:00:00 AM	2/21/2019 7:33:00 PM	Ethoprop	n/a	<	0.067	µg/L	EPA 525.2m	0.067	0.1	WKL	
ME-SCR	2018/19-4	Wet	2/1/2019 9:00:00 AM	2/21/2019 7:33:00 PM	Ethyl parathion	n/a	<	0.054	µg/L	EPA 525.2m	0.054	0.1	WKL	
ME-SCR	2018/19-4	Wet	2/1/2019 9:00:00 AM	2/21/2019 7:33:00 PM	Fensulfthion	n/a	DNQ	0.03	µg/L	EPA 525.2m	0.029	0.1	WKL	
ME-SCR	2018/19-4	Wet	2/1/2019 9:00:00 AM	2/21/2019 9:00:00 AM	Fenthion	n/a	<	0.038	µg/L	EPA 525.2m	0.038	0.1	WKL	
ME-SCR	2018/19-4	Wet	2/1/2019 9:00:00 AM	3/14/2019 8:22:00 PM	gamma-BHC (Lindane)	n/a	<	0.042	µg/L	EPA 608	0.042	0.4	WKL	
ME-SCR	2018/19-4	Wet	2/1/2019 9:00:00 AM	3/14/2019 8:22:00 PM	gamma-Chlordane	n/a	<	0.088	µg/L	EPA 608	0.088	0.2	WKL	
ME-SCR	2018/19-4	Wet	2/1/2019 9:00:00 AM	2/6/2019 8:41:00 PM	Glyphosate	n/a	<	3.6	µg/L	EPA 547	3.6	10	WKL	
ME-SCR	2018/19-4	Wet	2/1/2019 9:00:00 AM	3/14/2019 8:22:00 PM	Heptachlor	n/a	<	0.034	µg/L	EPA 608	0.034	0.2	WKL	
ME-SCR	2018/19-4	Wet	2/1/2019 9:00:00 AM	3/14/2019 8:22:00 PM	Heptachlor epoxide	n/a	<	0.038	µg/L	EPA 608	0.038	0.2	WKL	
ME-SCR	2018/19-4	Wet	2/1/2019 9:00:00 AM	2/21/2019 7:33:00 PM	Malathion	n/a	<	0.076	µg/L	EPA 525.2m	0.076	0.1	WKL	
ME-SCR	2018/19-4	Wet	2/1/2019 9:00:00 AM	2/21/2019 7:33:00 PM	Merphos	n/a	<	0.058	µg/L	EPA 525.2m	0.058	0.1	WKL	
ME-SCR	2018/19-4	Wet	2/1/2019 9:00:00 AM	3/14/2019 8:22:00 PM	Methoxychlor	n/a	<	0.11	µg/L	EPA 608	0.11	0.4	WKL	
ME-SCR	2018/19-4	Wet	2/1/2019 9:00:00 AM	2/21/2019 7:33:00 PM	Methyl parathion	n/a	<	0.063	µg/L	EPA 525.2m	0.063	0.1	WKL	
ME-SCR	2018/19-4	Wet	2/1/2019 9:00:00 AM	2/21/2019 3:14:00 AM	Metolachlor	n/a	<	0.12	µg/L	EPA 525.2	0.12	1	WKL	
ME-SCR	2018/19-4	Wet	2/1/2019 9:00:00 AM	2/21/2019 3:14:00 AM	Metribuzin	n/a	<	0.15	µg/L	EPA 525.2	0.15	1	WKL	
ME-SCR	2018/19-4	Wet	2/1/2019 9:00:00 AM	2/21/2019 7:33:00 PM	Mevinphos	n/a	<	0.042	µg/L	EPA 525.2m	0.042	0.1	WKL	
ME-SCR	2018/19-4	Wet	2/1/2019 9:00:00 AM	2/21/2019 3:14:00 AM	Molinate	n/a	<	0.39	µg/L	EPA 525.2	0.39	1	WKL	
ME-SCR	2018/19-4	Wet	2/1/2019 9:00:00 AM	2/21/2019 7:33:00 PM	Naled	n/a	<	0.076	µg/L	EPA 525.2m	0.076	0.1	WKL	
ME-SCR	2018/19-4	Wet	2/1/2019 9:00:00 AM	2/26/2019 11:03:00 PM	Pentachlorophenol	n/a	<	1.9	µg/L	EPA 625	1.9	10	WKL	
ME-SCR	2018/19-4	Wet	2/1/2019 9:00:00 AM	2/15/2019 2:28:00 PM	Pentachlorophenol	n/a	<	1.5	µg/L	EPA 8270C	1.5	10	WKL	
ME-SCR	2018/19-4	Wet	2/1/2019 9:00:00 AM	2/20/2019 9:24:00 AM	Pentachlorophenol	n/a	<	0.04	µg/L	EPA 515.3	0.04	0.2	WKL	
ME-SCR	2018/19-4	Wet	2/1/2019 9:00:00 AM	2/21/2019 7:33:00 PM	Phorate	n/a	<	0.03	µg/L	EPA 525.2m	0.03	0.1	WKL	
ME-SCR	2018/19-4	Wet	2/1/2019 9:00:00 AM	2/20/2019 9:24:00 AM	Picloram	n/a	<	0.05	µg/L	EPA 515.3	0.05	0.6	WKL	
ME-SCR	2018/19-4	Wet	2/1/2019 9:00:00 AM	2/21/2019 3:14:00 AM	Prometon	n/a	<	0.24	µg/L	EPA 525.2	0.24	2	WKL	
ME-SCR	2018/19-4	Wet	2/1/2019 9:00:00 AM	2/21/2019 3:14:00 AM	Prometryn	n/a	<	0.36	µg/L	EPA 525.2	0.36	1	WKL	
ME-SCR	2018/19-4	Wet	2/1/2019 9:00:00 AM	2/21/2019 7:33:00 PM	Ronnel (Fenchlorphos)	n/a	<	0.041	µg/L	EPA 525.2m	0.041	0.1	WKL	
ME-SCR	2018/19-4	Wet	2/1/2019 9:00:00 AM	2/21/2019 3:14:00 AM	Simazine	n/a	DNQ	0.6	µg/L	EPA 525.2	0.15	1	WKL	
ME-SCR	2018/19-4	Wet	2/1/2019 9:00:00 AM	2/21/2019 7:33:00 PM	Stirophos (Tetrachlorvinphos)	n/a	<	0.031	µg/L	EPA 525.2m	0.031	0.1	WKL	
ME-SCR	2018/19-4	Wet	2/1/2019 9:00:00 AM	2/21/2019 3:14:00 AM	Terbacil	n/a	<	5.5	µg/L	EPA 525.2	5.5	20	WKL	
ME-SCR	2018/19-4	Wet	2/1/2019 9:00:00 AM	2/21/2019 3:14:00 AM	Thiobencarb	n/a	<	0.25	µg/L	EPA 525.2	0.25	2	WKL	
ME-SCR	2018/19-4	Wet	2/1/2019 9:00:00 AM	2/21/2019 7:33:00 PM	Tokuthion	n/a	<	0.078	µg/L	EPA 525.2m	0.078	0.1	WKL	
ME-SCR	2018/19-4	Wet	2/1/2019 9:00:00 AM	3/14/2019 8:22:00 PM	Toxaphene	n/a	<	2.4	µg/L	EPA 608	2.4	10	WKL	
ME-SCR	2018/19-4	Wet	2/1/2019 9:00:00 AM	2/21/2019 7:33:00 PM	Trichloronate	n/a	<	0.067	µg/L	EPA 525.2m	0.067	0.1	WKL	
ME-SCR	2018/19-4	Wet	2/1/2019 9:00:00 AM	2/21/2019 3:14:00 AM	Trithion	n/a	<	0.12	µg/L	EPA 525.2	0.12	1	WKL	

Appendix G
Laboratory Environmental Analysis Results

Site ID	Event	Event Type	Sample Date	Analysis Date	Constituent	Fraction	Sign	Result	Units	Method	MDL	Reporting Limit	Analyzing Laboratory	Qualifier
ME-SCR	2018/19-5	Dry	5/2/2019 10:25:00 AM	5/3/2019 1:00:00 PM	Chloride	n/a	=	44	mg/L	EPA 300.0	0.5	2.5	WKL	
ME-SCR	2018/19-5	Dry	5/2/2019 10:25:00 AM	5/3/2019 1:00:00 PM	Fluoride	n/a	=	0.64	mg/L	EPA 300.0	0.1	0.5	WKL	
ME-SCR	2018/19-5	Dry	5/2/2019 10:25:00 AM	5/14/2019 5:11:00 PM	Perchlorate	n/a	<	1.9	µg/L	EPA 314.0	1.9	4	WKL	
ME-SCR	2018/19-5	Dry	5/2/2019 10:25:00 AM	5/3/2019 1:00:00 PM	Sulfate	Total	=	450	mg/L	EPA 300.0	0.5	2.5	WKL	
ME-SCR	2018/19-5	Dry	5/2/2019 10:25:00 AM	5/3/2019 7:30:00 AM	E. Coli	n/a	=	31	MPN/100 mL	MMO-MUG	10	10	VCHCA	
ME-SCR	2018/19-5	Dry	5/2/2019 10:25:00 AM	5/3/2019 7:30:00 AM	Total Coliform	n/a	=	3654	MPN/100 mL	MMO-MUG	10	10	VCHCA	
ME-SCR	2018/19-5	Dry	5/2/2019 10:25:00 AM	5/10/2019 3:23:00 PM	Calcium	Total	=	146	mg/L	EPA 200.7	0.016	0.1	WKL	
ME-SCR	2018/19-5	Dry	5/2/2019 10:25:00 AM	5/10/2019 3:23:00 PM	Magnesium	Total	=	51	mg/L	EPA 200.7	0.012	0.1	WKL	
ME-SCR	2018/19-5	Dry	5/2/2019 10:25:00 AM	5/10/2019 3:23:00 PM	Potassium	Total	=	4.4	mg/L	EPA 200.7	0.081	0.1	WKL	
ME-SCR	2018/19-5	Dry	5/2/2019 10:25:00 AM	5/10/2019 3:23:00 PM	Sodium	Total	=	87	mg/L	EPA 200.7	0.015	0.5	WKL	
ME-SCR	2018/19-5	Dry	5/2/2019 10:25:00 AM	5/6/2019 2:28:00 PM	Alkalinity as CaCO3	n/a	=	210	mg/L	SM 2320 B	0.56	2	WKL	
ME-SCR	2018/19-5	Dry	5/2/2019 10:25:00 AM	5/3/2019 5:50:00 PM	BOD	n/a	<	2	mg/L	SM 5210 B	2	2	WKL	
ME-SCR	2018/19-5	Dry	5/2/2019 10:25:00 AM	5/8/2019 1:12:00 PM	COD	n/a	=	5.3	mg/L	EPA 410.4	0.73	5	WKL	
ME-SCR	2018/19-5	Dry	5/2/2019 10:25:00 AM	5/2/2019 10:25:00 AM	Conductivity	n/a	=	1133	µmhos/cm	Field Meter	-88	1	Field Crew	
ME-SCR	2018/19-5	Dry	5/2/2019 10:25:00 AM	5/7/2019 5:21:00 PM	Cyanide	Total	<	0.0005	mg/L	ASTM D7511	0.0005	0.002	WKL	
ME-SCR	2018/19-5	Dry	5/2/2019 10:25:00 AM	5/7/2019 2:02:00 PM	Dissolved Inorganic Carbon	Dissolved	=	51	mg/L	SM 5310 B	0.016	0.5	WKL	
ME-SCR	2018/19-5	Dry	5/2/2019 10:25:00 AM	5/9/2019 4:20:00 PM	Dissolved Organic Carbon	Dissolved	=	2.9	mg/L	SM 5310 B	0.013	0.3	WKL	
ME-SCR	2018/19-5	Dry	5/2/2019 10:25:00 AM	5/2/2019 10:25:00 AM	Total Organic Carbon	n/a	=	117.1	%	Field Meter	-88	0.1	Field Crew	
ME-SCR	2018/19-5	Dry	5/2/2019 10:25:00 AM	5/2/2019 10:25:00 AM	DO	n/a	=	11.13	mg/L	Field Meter	-88	0.3	Field Crew	
ME-SCR	2018/19-5	Dry	5/2/2019 10:25:00 AM	5/10/2019 3:23:00 PM	Hardness as CaCO3	Total	=	575	mg/L	EPA 200.7	0.0894	0.662	WKL	
ME-SCR	2018/19-5	Dry	5/2/2019 10:25:00 AM	5/2/2019 5:38:00 PM	MBAS	n/a	<	0.019	mg/L	SM 5540 C	0.019	0.05	WKL	
ME-SCR	2018/19-5	Dry	5/2/2019 10:25:00 AM	5/2/2019 10:25:00 AM	pH	n/a	=	8.39	pH Units	Field Meter	-88	0.01	Field Crew	
ME-SCR	2018/19-5	Dry	5/2/2019 10:25:00 AM	5/10/2019 4:23:00 PM	Phenolics	n/a	<	0.0042	mg/L	EPA 420.4	0.0042	0.01	WKL	
ME-SCR	2018/19-5	Dry	5/2/2019 10:25:00 AM	5/2/2019 10:25:00 AM	Salinity	n/a	=	700	mg/L	Field Meter	-88	100	Field Crew	
ME-SCR	2018/19-5	Dry	5/2/2019 10:25:00 AM	5/2/2019 10:25:00 AM	Specific Conductance	n/a	=	1321	µmhos/cm	Field Meter	-88	1	Field Crew	
ME-SCR	2018/19-5	Dry	5/2/2019 10:25:00 AM	5/3/2019 1:23:00 PM	Specific Conductance	n/a	=	1600	µmhos/cm	SM 2510 B	2.8	6	WKL	
ME-SCR	2018/19-5	Dry	5/2/2019 10:25:00 AM	5/2/2019 10:25:00 AM	Temperature	n/a	=	17.6	°C	Field Meter	-88	0.1	Field Crew	
ME-SCR	2018/19-5	Dry	5/2/2019 10:25:00 AM	5/3/2019 1:09:00 PM	Total Chlorine Residual	n/a	=	0.073	mg/L	SM 4500-Cl G	0.0015	0.05	WKL	EST-HT
ME-SCR	2018/19-5	Dry	5/2/2019 10:25:00 AM	5/3/2019 5:50:00 PM	Total Dissolved Solids	n/a	=	920	mg/L	SM 2540 C	4	10	WKL	
ME-SCR	2018/19-5	Dry	5/2/2019 10:25:00 AM	5/8/2019 12:14:00 PM	Total Organic Carbon	n/a	=	2.6	mg/L	SM 5310 B	0.009	0.3	WKL	
ME-SCR	2018/19-5	Dry	5/2/2019 10:25:00 AM	5/7/2019 11:55:00 AM	Total Suspended Solids	n/a	=	70	mg/L	SM 2540 D	-88	5	WKL	
ME-SCR	2018/19-5	Dry	5/2/2019 10:25:00 AM	5/2/2019 5:26:00 PM	Turbidity	n/a	=	56	NTU	EPA 180.1	0.048	0.2	WKL	
ME-SCR	2018/19-5	Dry	5/2/2019 10:25:00 AM	5/7/2019 11:55:00 AM	Volatile Suspended Solids	n/a	=	10	mg/L	EPA 160.4	3.1	5	WKL	
ME-SCR	2018/19-5	Dry	5/2/2019 10:25:00 AM	5/18/2019 5:13:00 AM	Diesel Range Organics	n/a	DNQ	0.049	mg/L	EPA 8015D	0.024	0.1	WKL	UL-MB
ME-SCR	2018/19-5	Dry	5/2/2019 10:25:00 AM	5/6/2019 4:10:00 PM	Gasoline Range Organics	n/a	<	0.012	mg/L	LUFT GC/MS	0.012	0.1	WKL	
ME-SCR	2018/19-5	Dry	5/2/2019 10:25:00 AM	5/3/2019 2:30:00 PM	Oil and Grease	n/a	<	1.3	mg/L	EPA 1664A	1.3	5	WKL	
ME-SCR	2018/19-5	Dry	5/2/2019 10:25:00 AM	5/18/2019 5:13:00 AM	Oil Range Organics	n/a	<	0.33	mg/L	EPA 8015D	0.33	0.5	WKL	
ME-SCR	2018/19-5	Dry	5/2/2019 10:25:00 AM	5/8/2019 3:11:00 PM	Aluminum	Dissolved	DNQ	3.2	µg/L	EPA 200.8	1.3	5	WKL	
ME-SCR	2018/19-5	Dry	5/2/2019 10:25:00 AM	5/8/2019 3:15:00 PM	Aluminum	Total	=	1500	µg/L	EPA 200.8	1.3	5	WKL	
ME-SCR	2018/19-5	Dry	5/2/2019 10:25:00 AM	5/8/2019 3:11:00 PM	Antimony	Dissolved	DNQ	0.33	µg/L	EPA 200.8	0.045	0.5	WKL	
ME-SCR	2018/19-5	Dry	5/2/2019 10:25:00 AM	5/8/2019 3:15:00 PM	Antimony	Total	DNQ	0.31	µg/L	EPA 200.8	0.045	0.5	WKL	
ME-SCR	2018/19-5	Dry	5/2/2019 10:25:00 AM	5/8/2019 3:11:00 PM	Arsenic	Dissolved	=	0.77	µg/L	EPA 200.8	0.074	0.4	WKL	
ME-SCR	2018/19-5	Dry	5/2/2019 10:25:00 AM	5/8/2019 3:15:00 PM	Arsenic	Total	=	1.1	µg/L	EPA 200.8	0.074	0.4	WKL	
ME-SCR	2018/19-5	Dry	5/2/2019 10:25:00 AM	5/8/2019 3:15:00 PM	Barium	Total	=	57	µg/L	EPA 200.8	0.071	0.5	WKL	
ME-SCR	2018/19-5	Dry	5/2/2019 10:25:00 AM	5/8/2019 3:11:00 PM	Beryllium	Dissolved	<	0.033	µg/L	EPA 200.8	0.033	0.1	WKL	
ME-SCR	2018/19-5	Dry	5/2/2019 10:25:00 AM	5/8/2019 3:15:00 PM	Beryllium	Total	DNQ	0.048	µg/L	EPA 200.8	0.033	0.1	WKL	
ME-SCR	2018/19-5	Dry	5/2/2019 10:25:00 AM	5/8/2019 3:11:00 PM	Cadmium	Dissolved	<	0.041	µg/L	EPA 200.8	0.041	0.1	WKL	
ME-SCR	2018/19-5	Dry	5/2/2019 10:25:00 AM	5/8/2019 3:15:00 PM	Cadmium	Total	DNQ	0.09	µg/L	EPA 200.8	0.041	0.1	WKL	

Appendix G
Laboratory Environmental Analysis Results

Site ID	Event	Event Type	Sample Date	Analysis Date	Constituent	Fraction	Sign	Result	Units	Method	MDL	Reporting Limit	Analyzing Laboratory	Qualifier
ME-SCR	2018/19-5	Dry	5/2/2019 10:25:00 AM	5/8/2019 3:11:00 PM	Chromium	Dissolved	DNQ	0.056	µg/L	EPA 200.8	0.035	0.2	WKL	
ME-SCR	2018/19-5	Dry	5/2/2019 10:25:00 AM	5/8/2019 3:15:00 PM	Chromium	Total	=	2.7	µg/L	EPA 200.8	0.035	0.2	WKL	
ME-SCR	2018/19-5	Dry	5/2/2019 10:25:00 AM	5/6/2019 3:34:00 PM	Chromium VI	n/a	DNQ	0.016	µg/L	EPA 218.6	0.0048	0.02	WKL	
ME-SCR	2018/19-5	Dry	5/2/2019 10:25:00 AM	5/8/2019 3:11:00 PM	Copper	Dissolved	=	0.74	µg/L	EPA 200.8	0.13	0.5	WKL	
ME-SCR	2018/19-5	Dry	5/2/2019 10:25:00 AM	5/8/2019 3:15:00 PM	Copper	Total	=	2.9	µg/L	EPA 200.8	0.13	0.5	WKL	
ME-SCR	2018/19-5	Dry	5/2/2019 10:25:00 AM	5/10/2019 2:56:00 PM	Iron	Dissolved	<	1.1	µg/L	EPA 200.7	1.1	10	WKL	
ME-SCR	2018/19-5	Dry	5/2/2019 10:25:00 AM	5/10/2019 3:23:00 PM	Iron	Total	=	2200	µg/L	EPA 200.7	1.1	10	WKL	
ME-SCR	2018/19-5	Dry	5/2/2019 10:25:00 AM	5/8/2019 3:11:00 PM	Lead	Dissolved	<	0.031	µg/L	EPA 200.8	0.031	0.2	WKL	
ME-SCR	2018/19-5	Dry	5/2/2019 10:25:00 AM	5/8/2019 3:15:00 PM	Lead	Total	=	0.7	µg/L	EPA 200.8	0.031	0.2	WKL	
ME-SCR	2018/19-5	Dry	5/2/2019 10:25:00 AM	5/9/2019 3:55:00 PM	Mercury	Dissolved	<	17	ng/L	EPA 245.1	17	50	WKL	
ME-SCR	2018/19-5	Dry	5/2/2019 10:25:00 AM	5/9/2019 3:57:00 PM	Mercury	Total	<	17	ng/L	EPA 245.1	17	50	WKL	
ME-SCR	2018/19-5	Dry	5/2/2019 10:25:00 AM	5/8/2019 3:11:00 PM	Nickel	Dissolved	=	1.4	µg/L	EPA 200.8	0.045	0.8	WKL	
ME-SCR	2018/19-5	Dry	5/2/2019 10:25:00 AM	5/8/2019 3:15:00 PM	Nickel	Total	=	3.3	µg/L	EPA 200.8	0.045	0.8	WKL	
ME-SCR	2018/19-5	Dry	5/2/2019 10:25:00 AM	5/8/2019 3:11:00 PM	Selenium	Dissolved	=	3.8	µg/L	EPA 200.8	0.14	0.4	WKL	
ME-SCR	2018/19-5	Dry	5/2/2019 10:25:00 AM	5/8/2019 3:15:00 PM	Selenium	Total	=	3.8	µg/L	EPA 200.8	0.14	0.4	WKL	
ME-SCR	2018/19-5	Dry	5/2/2019 10:25:00 AM	5/8/2019 3:11:00 PM	Silver	Dissolved	<	0.062	µg/L	EPA 200.8	0.062	0.2	WKL	
ME-SCR	2018/19-5	Dry	5/2/2019 10:25:00 AM	5/8/2019 3:15:00 PM	Silver	Total	<	0.062	µg/L	EPA 200.8	0.062	0.2	WKL	
ME-SCR	2018/19-5	Dry	5/2/2019 10:25:00 AM	5/8/2019 3:11:00 PM	Thallium	Dissolved	<	0.014	µg/L	EPA 200.8	0.014	0.2	WKL	
ME-SCR	2018/19-5	Dry	5/2/2019 10:25:00 AM	5/8/2019 3:15:00 PM	Thallium	Total	DNQ	0.025	µg/L	EPA 200.8	0.014	0.2	WKL	
ME-SCR	2018/19-5	Dry	5/2/2019 10:25:00 AM	5/8/2019 3:11:00 PM	Zinc	Dissolved	<	0.94	µg/L	EPA 200.8	0.94	5	WKL	
ME-SCR	2018/19-5	Dry	5/2/2019 10:25:00 AM	5/8/2019 3:15:00 PM	Zinc	Total	=	5.9	µg/L	EPA 200.8	0.94	5	WKL	
ME-SCR	2018/19-5	Dry	5/2/2019 10:25:00 AM	5/4/2019 1:05:00 PM	Ammonia as N	n/a	<	0.048	mg/L	EPA 350.1	0.048	0.1	WKL	
ME-SCR	2018/19-5	Dry	5/2/2019 10:25:00 AM	5/3/2019 5:28:00 PM	Nitrate + Nitrite as N	n/a	=	0.98	mg/L	EPA 353.2	0.083	0.2	WKL	
ME-SCR	2018/19-5	Dry	5/2/2019 10:25:00 AM	5/3/2019 5:28:00 PM	Nitrate as N	n/a	=	0.96	mg/L	EPA 353.2	0.083	0.2	WKL	
ME-SCR	2018/19-5	Dry	5/2/2019 10:25:00 AM	5/10/2019 2:56:00 PM	Phosphorus as P	Dissolved	DNQ	0.014	mg/L	EPA 200.7	0.012	0.02	WKL	
ME-SCR	2018/19-5	Dry	5/2/2019 10:25:00 AM	5/14/2019 1:31:00 PM	Phosphorus as P	Dissolved	DNQ	0.0093	mg/L	EPA 365.1	0.0014	0.01	WKL	UL-MB
ME-SCR	2018/19-5	Dry	5/2/2019 10:25:00 AM	5/14/2019 1:54:00 PM	Phosphorus as P	Total	=	0.093	mg/L	EPA 365.1	0.0014	0.01	WKL	
ME-SCR	2018/19-5	Dry	5/2/2019 10:25:00 AM	5/10/2019 3:23:00 PM	Phosphorus as P	Total	=	0.079	mg/L	EPA 200.7	0.012	0.02	WKL	
ME-SCR	2018/19-5	Dry	5/2/2019 10:25:00 AM	5/10/2019 1:39:00 PM	TKN	n/a	=	0.28	mg/L	EPA 351.2	0.05	0.1	WKL	
ME-SCR	2018/19-5	Dry	5/2/2019 10:25:00 AM	6/1/2019 4:56:00 AM	1,2,4-Trichlorobenzene	n/a	<	2.8	µg/L	EPA 625	2.8	5	WKL	
ME-SCR	2018/19-5	Dry	5/2/2019 10:25:00 AM	6/1/2019 4:56:00 AM	1,2-Dichlorobenzene	n/a	<	2.8	µg/L	EPA 625	2.8	5	WKL	
ME-SCR	2018/19-5	Dry	5/2/2019 10:25:00 AM	6/1/2019 4:56:00 AM	1,2-Diphenylhydrazine	n/a	<	1.2	µg/L	EPA 625	1.2	5	WKL	
ME-SCR	2018/19-5	Dry	5/2/2019 10:25:00 AM	6/1/2019 4:56:00 AM	1,3-Dichlorobenzene	n/a	<	2.6	µg/L	EPA 625	2.6	5	WKL	
ME-SCR	2018/19-5	Dry	5/2/2019 10:25:00 AM	6/1/2019 4:56:00 AM	1,4-Dichlorobenzene	n/a	<	2.8	µg/L	EPA 625	2.8	5	WKL	
ME-SCR	2018/19-5	Dry	5/2/2019 10:25:00 AM	6/8/2019 12:42:00 AM	1-Methylnaphthalene	n/a	<	0.1	µg/L	EPA 8270C	0.1	0.1	WKL	
ME-SCR	2018/19-5	Dry	5/2/2019 10:25:00 AM	5/21/2019 4:41:00 PM	2,4,5-Trichlorophenol	n/a	<	0.29	µg/L	EPA 8270C	0.29	1	WKL	
ME-SCR	2018/19-5	Dry	5/2/2019 10:25:00 AM	6/1/2019 4:56:00 AM	2,4,6-Trichlorophenol	n/a	<	1.1	µg/L	EPA 625	1.1	5	WKL	
ME-SCR	2018/19-5	Dry	5/2/2019 10:25:00 AM	5/21/2019 4:41:00 PM	2,4,6-Trichlorophenol	n/a	<	0.3	µg/L	EPA 8270C	0.3	1	WKL	
ME-SCR	2018/19-5	Dry	5/2/2019 10:25:00 AM	6/1/2019 4:56:00 AM	2,4-Dichlorophenol	n/a	<	1.3	µg/L	EPA 625	1.3	5	WKL	
ME-SCR	2018/19-5	Dry	5/2/2019 10:25:00 AM	5/21/2019 4:41:00 PM	2,4-Dichlorophenol	n/a	<	0.51	µg/L	EPA 8270C	0.51	1	WKL	
ME-SCR	2018/19-5	Dry	5/2/2019 10:25:00 AM	6/1/2019 4:56:00 AM	2,4-Dimethylphenol	n/a	<	1.5	µg/L	EPA 625	1.5	5	WKL	
ME-SCR	2018/19-5	Dry	5/2/2019 10:25:00 AM	5/21/2019 4:41:00 PM	2,4-Dimethylphenol	n/a	<	1	µg/L	EPA 8270C	1	2	WKL	
ME-SCR	2018/19-5	Dry	5/2/2019 10:25:00 AM	5/21/2019 4:41:00 PM	2,4-Dinitrophenol	n/a	<	1	µg/L	EPA 8270C	1	2	WKL	
ME-SCR	2018/19-5	Dry	5/2/2019 10:25:00 AM	6/1/2019 4:56:00 AM	2,4-Dinitrophenol	n/a	<	7.9	µg/L	EPA 625	7.9	50	WKL	
ME-SCR	2018/19-5	Dry	5/2/2019 10:25:00 AM	6/1/2019 4:56:00 AM	2,4-Dinitrotoluene	n/a	<	0.9	µg/L	EPA 625	0.9	5	WKL	
ME-SCR	2018/19-5	Dry	5/2/2019 10:25:00 AM	6/1/2019 4:56:00 AM	2,6-Dinitrotoluene	n/a	<	1.4	µg/L	EPA 625	1.4	5	WKL	
ME-SCR	2018/19-5	Dry	5/2/2019 10:25:00 AM	5/3/2019 12:57:00 PM	2-Chloroethyl vinyl ether	n/a	<	0.28	µg/L	EPA 624	0.28	1	WKL	
ME-SCR	2018/19-5	Dry	5/2/2019 10:25:00 AM	6/1/2019 4:56:00 AM	2-Chloronaphthalene	n/a	<	2.2	µg/L	EPA 625	2.2	5	WKL	

Appendix G
Laboratory Environmental Analysis Results

Site ID	Event	Event Type	Sample Date	Analysis Date	Constituent	Fraction	Sign	Result	Units	Method	MDL	Reporting Limit	Analyzing Laboratory	Qualifier
ME-SCR	2018/19-5	Dry	5/2/2019 10:25:00 AM	6/1/2019 4:56:00 AM	2-Chlorophenol	n/a	<	1.4	µg/L	EPA 625	1.4	5	WKL	
ME-SCR	2018/19-5	Dry	5/2/2019 10:25:00 AM	5/21/2019 4:41:00 PM	2-Chlorophenol	n/a	<	0.65	µg/L	EPA 8270C	0.65	1	WKL	
ME-SCR	2018/19-5	Dry	5/2/2019 10:25:00 AM	6/8/2019 12:42:00 AM	2-Methylnaphthalene	n/a	<	0.1	µg/L	EPA 8270C	0.1	0.1	WKL	
ME-SCR	2018/19-5	Dry	5/2/2019 10:25:00 AM	5/21/2019 4:41:00 PM	2-Methylphenol	n/a	<	0.34	µg/L	EPA 8270C	0.34	1	WKL	
ME-SCR	2018/19-5	Dry	5/2/2019 10:25:00 AM	5/21/2019 4:41:00 PM	2-Nitrophenol	n/a	<	0.71	µg/L	EPA 8270C	0.71	1	WKL	
ME-SCR	2018/19-5	Dry	5/2/2019 10:25:00 AM	6/1/2019 4:56:00 AM	2-Nitrophenol	n/a	<	1.3	µg/L	EPA 625	1.3	5	WKL	
ME-SCR	2018/19-5	Dry	5/2/2019 10:25:00 AM	6/1/2019 4:56:00 AM	3,3'-Dichlorobenzidine	n/a	<	6	µg/L	EPA 625	6	25	WKL	
ME-SCR	2018/19-5	Dry	5/2/2019 10:25:00 AM	5/21/2019 4:41:00 PM	3-/4-Methylphenol	n/a	<	0.3	µg/L	EPA 8270C	0.3	1	WKL	
ME-SCR	2018/19-5	Dry	5/2/2019 10:25:00 AM	5/21/2019 4:41:00 PM	4,6-Dinitro-2-methylphenol	n/a	<	0.14	µg/L	EPA 8270C	0.14	1	WKL	
ME-SCR	2018/19-5	Dry	5/2/2019 10:25:00 AM	6/1/2019 4:56:00 AM	4,6-Dinitro-2-methylphenol	n/a	<	8.6	µg/L	EPA 625	8.6	25	WKL	
ME-SCR	2018/19-5	Dry	5/2/2019 10:25:00 AM	6/1/2019 4:56:00 AM	4-Bromophenyl phenyl ether	n/a	<	1.8	µg/L	EPA 625	1.8	5	WKL	
ME-SCR	2018/19-5	Dry	5/2/2019 10:25:00 AM	6/1/2019 4:56:00 AM	4-Chloro-3-methylphenol	n/a	<	1.2	µg/L	EPA 625	1.2	5	WKL	
ME-SCR	2018/19-5	Dry	5/2/2019 10:25:00 AM	5/21/2019 4:41:00 PM	4-Chloro-3-methylphenol	n/a	<	0.37	µg/L	EPA 8270C	0.37	1	WKL	
ME-SCR	2018/19-5	Dry	5/2/2019 10:25:00 AM	6/1/2019 4:56:00 AM	4-Chlorophenyl phenyl ether	n/a	<	2	µg/L	EPA 625	2	5	WKL	
ME-SCR	2018/19-5	Dry	5/2/2019 10:25:00 AM	6/1/2019 4:56:00 AM	4-Nitrophenol	n/a	<	2.2	µg/L	EPA 625	2.2	25	WKL	
ME-SCR	2018/19-5	Dry	5/2/2019 10:25:00 AM	5/21/2019 4:41:00 PM	4-Nitrophenol	n/a	<	1	µg/L	EPA 8270C	1	2	WKL	
ME-SCR	2018/19-5	Dry	5/2/2019 10:25:00 AM	6/1/2019 4:56:00 AM	Acenaphthene	n/a	<	1.9	µg/L	EPA 625	1.9	5	WKL	
ME-SCR	2018/19-5	Dry	5/2/2019 10:25:00 AM	6/8/2019 12:42:00 AM	Acenaphthene	n/a	<	0.1	µg/L	EPA 8270C	0.1	0.1	WKL	
ME-SCR	2018/19-5	Dry	5/2/2019 10:25:00 AM	6/8/2019 12:42:00 AM	Acenaphthylene	n/a	<	0.1	µg/L	EPA 8270C	0.1	0.1	WKL	
ME-SCR	2018/19-5	Dry	5/2/2019 10:25:00 AM	6/1/2019 4:56:00 AM	Acenaphthylene	n/a	<	2	µg/L	EPA 625	2	5	WKL	
ME-SCR	2018/19-5	Dry	5/2/2019 10:25:00 AM	6/1/2019 4:56:00 AM	Anthracene	n/a	<	1.7	µg/L	EPA 625	1.7	5	WKL	
ME-SCR	2018/19-5	Dry	5/2/2019 10:25:00 AM	6/8/2019 12:42:00 AM	Anthracene	n/a	<	0.1	µg/L	EPA 8270C	0.1	0.1	WKL	
ME-SCR	2018/19-5	Dry	5/2/2019 10:25:00 AM	6/1/2019 4:56:00 AM	Benz(a)anthracene	n/a	<	0.95	µg/L	EPA 625	0.95	5	WKL	
ME-SCR	2018/19-5	Dry	5/2/2019 10:25:00 AM	6/8/2019 12:42:00 AM	Benz(a)anthracene	n/a	<	0.1	µg/L	EPA 8270C	0.1	0.1	WKL	
ME-SCR	2018/19-5	Dry	5/2/2019 10:25:00 AM	6/1/2019 4:56:00 AM	Benzidine	n/a	<	18	µg/L	EPA 625	18	50	WKL	
ME-SCR	2018/19-5	Dry	5/2/2019 10:25:00 AM	5/6/2019 10:25:00 AM	Benzo(a)pyrene	n/a	<	0.35	µg/L	EPA 525.2	0.35	0.5	WKL	
ME-SCR	2018/19-5	Dry	5/2/2019 10:25:00 AM	6/1/2019 4:56:00 AM	Benzo(a)pyrene	n/a	<	0.65	µg/L	EPA 625	0.65	5	WKL	
ME-SCR	2018/19-5	Dry	5/2/2019 10:25:00 AM	6/8/2019 12:42:00 AM	Benzo(a)pyrene	n/a	<	0.1	µg/L	EPA 8270C	0.1	0.1	WKL	
ME-SCR	2018/19-5	Dry	5/2/2019 10:25:00 AM	6/1/2019 4:56:00 AM	Benzo(b)fluoranthene	n/a	<	0.7	µg/L	EPA 625	0.7	5	WKL	
ME-SCR	2018/19-5	Dry	5/2/2019 10:25:00 AM	6/8/2019 12:42:00 AM	Benzo(b)fluoranthene	n/a	<	0.1	µg/L	EPA 8270C	0.1	0.1	WKL	
ME-SCR	2018/19-5	Dry	5/2/2019 10:25:00 AM	6/6/2019 9:21:00 AM	Benzo(g,h,i)perylene	n/a	<	2	µg/L	EPA 625	2	40	WKL	
ME-SCR	2018/19-5	Dry	5/2/2019 10:25:00 AM	6/8/2019 12:42:00 AM	Benzo(g,h,i)perylene	n/a	<	0.1	µg/L	EPA 8270C	0.1	0.1	WKL	
ME-SCR	2018/19-5	Dry	5/2/2019 10:25:00 AM	6/1/2019 4:56:00 AM	Benzo(k)fluoranthene	n/a	<	1.1	µg/L	EPA 625	1.1	5	WKL	
ME-SCR	2018/19-5	Dry	5/2/2019 10:25:00 AM	6/8/2019 12:42:00 AM	Benzo(k)fluoranthene	n/a	<	0.1	µg/L	EPA 8270C	0.1	0.1	WKL	
ME-SCR	2018/19-5	Dry	5/2/2019 10:25:00 AM	6/1/2019 4:56:00 AM	Bis(2-chloroethoxy)methane	n/a	<	1.2	µg/L	EPA 625	1.2	5	WKL	
ME-SCR	2018/19-5	Dry	5/2/2019 10:25:00 AM	6/1/2019 4:56:00 AM	Bis(2-chloroethyl)ether	n/a	<	1.4	µg/L	EPA 625	1.4	5	WKL	
ME-SCR	2018/19-5	Dry	5/2/2019 10:25:00 AM	6/1/2019 4:56:00 AM	Bis(2-chloroisopropyl)ether	n/a	<	1.9	µg/L	EPA 625	1.9	5	WKL	
ME-SCR	2018/19-5	Dry	5/2/2019 10:25:00 AM	5/6/2019 8:45:00 PM	Bis(2-ethylhexyl)adipate	n/a	<	0.52	µg/L	EPA 525.2	0.52	25	WKL	
ME-SCR	2018/19-5	Dry	5/2/2019 10:25:00 AM	5/6/2019 8:45:00 PM	Bis(2-ethylhexyl)phthalate	n/a	<	5.3	µg/L	EPA 525.2	5.3	15	WKL	
ME-SCR	2018/19-5	Dry	5/2/2019 10:25:00 AM	6/1/2019 4:56:00 AM	Bis(2-ethylhexyl)phthalate	n/a	<	12	µg/L	EPA 625	12	25	WKL	
ME-SCR	2018/19-5	Dry	5/2/2019 10:25:00 AM	6/1/2019 4:56:00 AM	Butyl benzyl phthalate	n/a	<	0.9	µg/L	EPA 625	0.9	5	WKL	
ME-SCR	2018/19-5	Dry	5/2/2019 10:25:00 AM	6/1/2019 4:56:00 AM	Chrysene	n/a	<	0.95	µg/L	EPA 625	0.95	5	WKL	
ME-SCR	2018/19-5	Dry	5/2/2019 10:25:00 AM	6/8/2019 12:42:00 AM	Chrysene	n/a	<	0.1	µg/L	EPA 8270C	0.1	0.1	WKL	
ME-SCR	2018/19-5	Dry	5/2/2019 10:25:00 AM	6/6/2019 9:21:00 AM	Dibenz(a,h)anthracene	n/a	<	1.6	µg/L	EPA 625	1.6	40	WKL	
ME-SCR	2018/19-5	Dry	5/2/2019 10:25:00 AM	6/8/2019 12:42:00 AM	Dibenz(a,h)anthracene	n/a	=	0.11	µg/L	EPA 8270C	0.1	0.1	WKL	
ME-SCR	2018/19-5	Dry	5/2/2019 10:25:00 AM	6/1/2019 4:56:00 AM	Diethyl phthalate	n/a	<	0.75	µg/L	EPA 625	0.75	5	WKL	
ME-SCR	2018/19-5	Dry	5/2/2019 10:25:00 AM	6/1/2019 4:56:00 AM	Dimethyl phthalate	n/a	<	0.9	µg/L	EPA 625	0.9	5	WKL	
ME-SCR	2018/19-5	Dry	5/2/2019 10:25:00 AM	6/1/2019 4:56:00 AM	Di-n-butylphthalate	n/a	<	1.2	µg/L	EPA 625	1.2	5	WKL	

Appendix G
Laboratory Environmental Analysis Results

Site ID	Event	Event Type	Sample Date	Analysis Date	Constituent	Fraction	Sign	Result	Units	Method	MDL	Reporting Limit	Analyzing Laboratory	Qualifier
ME-SCR	2018/19-5	Dry	5/2/2019 10:25:00 AM	6/1/2019 4:56:00 AM	Di-n-octylphthalate	n/a	<	0.95	µg/L	EPA 625	0.95	5	WKL	
ME-SCR	2018/19-5	Dry	5/2/2019 10:25:00 AM	6/1/2019 4:56:00 AM	Fluoranthene	n/a	<	1.1	µg/L	EPA 625	1.1	5	WKL	
ME-SCR	2018/19-5	Dry	5/2/2019 10:25:00 AM	6/8/2019 12:42:00 AM	Fluoranthene	n/a	<	0.1	µg/L	EPA 8270C	0.1	0.1	WKL	
ME-SCR	2018/19-5	Dry	5/2/2019 10:25:00 AM	6/1/2019 4:56:00 AM	Fluorene	n/a	<	1.8	µg/L	EPA 625	1.8	5	WKL	
ME-SCR	2018/19-5	Dry	5/2/2019 10:25:00 AM	6/8/2019 12:42:00 AM	Fluorene	n/a	<	0.1	µg/L	EPA 8270C	0.1	0.1	WKL	
ME-SCR	2018/19-5	Dry	5/2/2019 10:25:00 AM	6/1/2019 4:56:00 AM	Hexachlorobenzene	n/a	<	2.4	µg/L	EPA 625	2.4	5	WKL	
ME-SCR	2018/19-5	Dry	5/2/2019 10:25:00 AM	6/1/2019 4:56:00 AM	Hexachlorobutadiene	n/a	<	2.4	µg/L	EPA 625	2.4	5	WKL	
ME-SCR	2018/19-5	Dry	5/2/2019 10:25:00 AM	6/1/2019 4:56:00 AM	Hexachlorocyclopentadiene	n/a	<	7.3	µg/L	EPA 625	7.3	25	WKL	
ME-SCR	2018/19-5	Dry	5/2/2019 10:25:00 AM	6/1/2019 4:56:00 AM	Hexachloroethane	n/a	<	2.6	µg/L	EPA 625	2.6	5	WKL	
ME-SCR	2018/19-5	Dry	5/2/2019 10:25:00 AM	6/8/2019 12:42:00 AM	Indeno(1,2,3-cd)pyrene	n/a	=	0.14	µg/L	EPA 8270C	0.1	0.1	WKL	
ME-SCR	2018/19-5	Dry	5/2/2019 10:25:00 AM	6/6/2019 9:21:00 AM	Indeno(1,2,3-cd)pyrene	n/a	<	2.4	µg/L	EPA 625	2.4	40	WKL	
ME-SCR	2018/19-5	Dry	5/2/2019 10:25:00 AM	6/1/2019 4:56:00 AM	Isophorone	n/a	<	1	µg/L	EPA 625	1	5	WKL	
ME-SCR	2018/19-5	Dry	5/2/2019 10:25:00 AM	5/3/2019 12:57:00 PM	Methyl tert-butyl ether (MTBE)	n/a	<	0.25	µg/L	EPA 624	0.25	1	WKL	
ME-SCR	2018/19-5	Dry	5/2/2019 10:25:00 AM	6/1/2019 4:56:00 AM	Naphthalene	n/a	<	2.4	µg/L	EPA 625	2.4	5	WKL	
ME-SCR	2018/19-5	Dry	5/2/2019 10:25:00 AM	6/8/2019 12:42:00 AM	Naphthalene	n/a	<	0.1	µg/L	EPA 8270C	0.1	0.1	WKL	
ME-SCR	2018/19-5	Dry	5/2/2019 10:25:00 AM	6/1/2019 4:56:00 AM	Nitrobenzene	n/a	<	1.8	µg/L	EPA 625	1.8	5	WKL	
ME-SCR	2018/19-5	Dry	5/2/2019 10:25:00 AM	6/1/2019 4:56:00 AM	N-Nitrosodimethylamine	n/a	<	0.7	µg/L	EPA 625	0.7	5	WKL	
ME-SCR	2018/19-5	Dry	5/2/2019 10:25:00 AM	6/1/2019 4:56:00 AM	N-Nitrosodi-N-propylamine	n/a	<	1.3	µg/L	EPA 625	1.3	5	WKL	
ME-SCR	2018/19-5	Dry	5/2/2019 10:25:00 AM	6/1/2019 4:56:00 AM	N-Nitrosodiphenylamine	n/a	<	0.95	µg/L	EPA 625	0.95	5	WKL	
ME-SCR	2018/19-5	Dry	5/2/2019 10:25:00 AM	6/8/2019 12:42:00 AM	Phenanthrene	n/a	<	0.1	µg/L	EPA 8270C	0.1	0.1	WKL	
ME-SCR	2018/19-5	Dry	5/2/2019 10:25:00 AM	6/1/2019 4:56:00 AM	Phenanthrene	n/a	<	1.6	µg/L	EPA 625	1.6	5	WKL	
ME-SCR	2018/19-5	Dry	5/2/2019 10:25:00 AM	5/21/2019 4:41:00 PM	Phenol	n/a	<	0.35	µg/L	EPA 8270C	0.35	1	WKL	
ME-SCR	2018/19-5	Dry	5/2/2019 10:25:00 AM	6/1/2019 4:56:00 AM	Phenol	n/a	<	0.8	µg/L	EPA 625	0.8	5	WKL	
ME-SCR	2018/19-5	Dry	5/2/2019 10:25:00 AM	6/1/2019 4:56:00 AM	Pyrene	n/a	<	1.2	µg/L	EPA 625	1.2	5	WKL	
ME-SCR	2018/19-5	Dry	5/2/2019 10:25:00 AM	6/8/2019 12:42:00 AM	Pyrene	n/a	<	0.1	µg/L	EPA 8270C	0.1	0.1	WKL	
ME-SCR	2018/19-5	Dry	5/2/2019 10:25:00 AM	5/10/2019 11:21:00 PM	PCB Aroclor 1016	n/a	<	0.05	µg/L	EPA 608	0.05	0.5	WKL	
ME-SCR	2018/19-5	Dry	5/2/2019 10:25:00 AM	5/10/2019 11:21:00 PM	PCB Aroclor 1221	n/a	<	0.06	µg/L	EPA 608	0.06	0.5	WKL	
ME-SCR	2018/19-5	Dry	5/2/2019 10:25:00 AM	5/10/2019 11:21:00 PM	PCB Aroclor 1232	n/a	<	0.15	µg/L	EPA 608	0.15	0.5	WKL	
ME-SCR	2018/19-5	Dry	5/2/2019 10:25:00 AM	5/10/2019 11:21:00 PM	PCB Aroclor 1242	n/a	<	0.07	µg/L	EPA 608	0.07	0.5	WKL	
ME-SCR	2018/19-5	Dry	5/2/2019 10:25:00 AM	5/10/2019 11:21:00 PM	PCB Aroclor 1248	n/a	<	0.06	µg/L	EPA 608	0.06	0.5	WKL	
ME-SCR	2018/19-5	Dry	5/2/2019 10:25:00 AM	5/10/2019 11:21:00 PM	PCB Aroclor 1254	n/a	<	0.04	µg/L	EPA 608	0.04	0.5	WKL	
ME-SCR	2018/19-5	Dry	5/2/2019 10:25:00 AM	5/10/2019 11:21:00 PM	PCB Aroclor 1260	n/a	<	0.04	µg/L	EPA 608	0.04	0.5	WKL	
ME-SCR	2018/19-5	Dry	5/2/2019 10:25:00 AM	5/11/2019 2:04:00 AM	2,4,5-T	n/a	<	0.07	µg/L	EPA 515.4	0.07	0.2	WKL	
ME-SCR	2018/19-5	Dry	5/2/2019 10:25:00 AM	5/11/2019 2:04:00 AM	2,4,5-TP	n/a	<	0.09	µg/L	EPA 515.4	0.09	0.2	WKL	
ME-SCR	2018/19-5	Dry	5/2/2019 10:25:00 AM	5/11/2019 2:04:00 AM	2,4-D	n/a	<	0.07	µg/L	EPA 515.4	0.07	0.4	WKL	
ME-SCR	2018/19-5	Dry	5/2/2019 10:25:00 AM	5/11/2019 2:04:00 AM	2,4-DB	n/a	<	0.07	µg/L	EPA 515.4	0.07	2	WKL	
ME-SCR	2018/19-5	Dry	5/2/2019 10:25:00 AM	5/11/2019 2:04:00 AM	3,5-Dichlorobenzoic acid	n/a	<	0.09	µg/L	EPA 515.4	0.09	1	WKL	
ME-SCR	2018/19-5	Dry	5/2/2019 10:25:00 AM	5/10/2019 11:21:00 PM	4,4'-DDD	n/a	<	0.003	µg/L	EPA 608	0.003	0.05	WKL	
ME-SCR	2018/19-5	Dry	5/2/2019 10:25:00 AM	5/10/2019 11:21:00 PM	4,4'-DDE	n/a	<	0.0025	µg/L	EPA 608	0.0025	0.05	WKL	
ME-SCR	2018/19-5	Dry	5/2/2019 10:25:00 AM	5/10/2019 11:21:00 PM	4,4'-DDT	n/a	<	0.0031	µg/L	EPA 608	0.0031	0.01	WKL	
ME-SCR	2018/19-5	Dry	5/2/2019 10:25:00 AM	5/11/2019 2:04:00 AM	Acifluorfen	n/a	<	0.06	µg/L	EPA 515.4	0.06	0.4	WKL	
ME-SCR	2018/19-5	Dry	5/2/2019 10:25:00 AM	5/6/2019 8:45:00 PM	Alachlor	n/a	<	0.11	µg/L	EPA 525.2	0.11	0.5	WKL	
ME-SCR	2018/19-5	Dry	5/2/2019 10:25:00 AM	5/10/2019 11:21:00 PM	Aldrin	n/a	<	0.0015	µg/L	EPA 608	0.0015	0.005	WKL	
ME-SCR	2018/19-5	Dry	5/2/2019 10:25:00 AM	5/10/2019 11:21:00 PM	alpha-BHC	n/a	<	0.0018	µg/L	EPA 608	0.0018	0.01	WKL	
ME-SCR	2018/19-5	Dry	5/2/2019 10:25:00 AM	5/10/2019 11:21:00 PM	alpha-Chlordane	n/a	<	0.0041	µg/L	EPA 608	0.0041	0.01	WKL	
ME-SCR	2018/19-5	Dry	5/2/2019 10:25:00 AM	5/6/2019 8:45:00 PM	Atrazine	n/a	<	0.17	µg/L	EPA 525.2	0.17	0.5	WKL	
ME-SCR	2018/19-5	Dry	5/2/2019 10:25:00 AM	5/21/2019 7:04:00 PM	Azinphos methyl	n/a	<	0.0055	µg/L	EPA 525.2m	0.0055	0.01	WKL	
ME-SCR	2018/19-5	Dry	5/2/2019 10:25:00 AM	5/11/2019 2:04:00 AM	Bentazon	n/a	<	0.11	µg/L	EPA 515.4	0.11	2	WKL	

Appendix G
Laboratory Environmental Analysis Results

Site ID	Event	Event Type	Sample Date	Analysis Date	Constituent	Fraction	Sign	Result	Units	Method	MDL	Reporting Limit	Analyzing Laboratory	Qualifier
ME-SCR	2018/19-5	Dry	5/2/2019 10:25:00 AM	5/10/2019 11:21:00 PM	beta-BHC	n/a	<	0.0031	µg/L	EPA 608	0.0031	0.005	WKL	
ME-SCR	2018/19-5	Dry	5/2/2019 10:25:00 AM	5/21/2019 7:04:00 PM	Bolstar	n/a	<	0.0046	µg/L	EPA 525.2m	0.0046	0.01	WKL	
ME-SCR	2018/19-5	Dry	5/2/2019 10:25:00 AM	5/6/2019 8:45:00 PM	Bromacil	n/a	<	0.19	µg/L	EPA 525.2	0.19	5	WKL	
ME-SCR	2018/19-5	Dry	5/2/2019 10:25:00 AM	5/6/2019 8:45:00 PM	Butachlor	n/a	<	0.085	µg/L	EPA 525.2	0.085	1	WKL	
ME-SCR	2018/19-5	Dry	5/2/2019 10:25:00 AM	5/6/2019 8:45:00 PM	Captan	n/a	<	4.3	µg/L	EPA 525.2	4.3	5	WKL	
ME-SCR	2018/19-5	Dry	5/2/2019 10:25:00 AM	5/10/2019 11:21:00 PM	Chlordane (technical)	n/a	<	0.08	µg/L	EPA 608	0.08	0.1	WKL	
ME-SCR	2018/19-5	Dry	5/2/2019 10:25:00 AM	5/6/2019 8:45:00 PM	Chlorpropham	n/a	<	0.05	µg/L	EPA 525.2	0.05	0.5	WKL	
ME-SCR	2018/19-5	Dry	5/2/2019 10:25:00 AM	5/21/2019 7:04:00 PM	Chlorpyrifos	n/a	<	0.0069	µg/L	EPA 525.2m	0.0069	0.01	WKL	
ME-SCR	2018/19-5	Dry	5/2/2019 10:25:00 AM	5/21/2019 7:04:00 PM	Coumaphos	n/a	<	0.0051	µg/L	EPA 525.2m	0.0051	0.01	WKL	
ME-SCR	2018/19-5	Dry	5/2/2019 10:25:00 AM	5/6/2019 8:45:00 PM	Cyanazine	n/a	<	0.12	µg/L	EPA 525.2	0.12	0.5	WKL	
ME-SCR	2018/19-5	Dry	5/2/2019 10:25:00 AM	5/11/2019 2:04:00 AM	Dalapon	n/a	<	0.1	µg/L	EPA 515.4	0.1	0.4	WKL	
ME-SCR	2018/19-5	Dry	5/2/2019 10:25:00 AM	5/11/2019 2:04:00 AM	DACP (Dacthal)	n/a	<	0.07	µg/L	EPA 515.4	0.07	0.1	WKL	
ME-SCR	2018/19-5	Dry	5/2/2019 10:25:00 AM	5/10/2019 11:21:00 PM	delta-BHC	n/a	<	0.0025	µg/L	EPA 608	0.0025	0.005	WKL	
ME-SCR	2018/19-5	Dry	5/2/2019 10:25:00 AM	5/21/2019 7:04:00 PM	Demeton-O	n/a	<	0.01	µg/L	EPA 525.2m	0.01	0.01	WKL	
ME-SCR	2018/19-5	Dry	5/2/2019 10:25:00 AM	5/21/2019 7:04:00 PM	Demeton-S	n/a	<	0.01	µg/L	EPA 525.2m	0.01	0.01	WKL	
ME-SCR	2018/19-5	Dry	5/2/2019 10:25:00 AM	5/6/2019 8:45:00 PM	Diazinon	n/a	<	0.48	µg/L	EPA 525.2	0.48	0.5	WKL	
ME-SCR	2018/19-5	Dry	5/2/2019 10:25:00 AM	5/21/2019 7:04:00 PM	Diazinon	n/a	<	0.0052	µg/L	EPA 525.2m	0.0052	0.01	WKL	
ME-SCR	2018/19-5	Dry	5/2/2019 10:25:00 AM	5/11/2019 2:04:00 AM	Dicamba	n/a	<	0.12	µg/L	EPA 515.4	0.12	0.6	WKL	
ME-SCR	2018/19-5	Dry	5/2/2019 10:25:00 AM	5/11/2019 2:04:00 AM	Dichlorprop	n/a	<	0.08	µg/L	EPA 515.4	0.08	0.3	WKL	
ME-SCR	2018/19-5	Dry	5/2/2019 10:25:00 AM	5/21/2019 7:04:00 PM	Dichlorvos	n/a	<	0.0029	µg/L	EPA 525.2m	0.0029	0.01	WKL	
ME-SCR	2018/19-5	Dry	5/2/2019 10:25:00 AM	5/10/2019 11:21:00 PM	Dieldrin	n/a	<	0.0021	µg/L	EPA 608	0.0021	0.01	WKL	
ME-SCR	2018/19-5	Dry	5/2/2019 10:25:00 AM	5/6/2019 8:45:00 PM	Dimethoate	n/a	<	0.12	µg/L	EPA 525.2	0.12	1	WKL	
ME-SCR	2018/19-5	Dry	5/2/2019 10:25:00 AM	5/21/2019 7:04:00 PM	Dimethoate	n/a	<	0.0062	µg/L	EPA 525.2m	0.0062	0.01	WKL	
ME-SCR	2018/19-5	Dry	5/2/2019 10:25:00 AM	5/11/2019 2:04:00 AM	Dinoseb	n/a	<	0.14	µg/L	EPA 515.4	0.14	0.4	WKL	
ME-SCR	2018/19-5	Dry	5/2/2019 10:25:00 AM	5/6/2019 8:45:00 PM	Diphenamid	n/a	<	0.12	µg/L	EPA 525.2	0.12	0.5	WKL	
ME-SCR	2018/19-5	Dry	5/2/2019 10:25:00 AM	5/6/2019 8:45:00 PM	Disulfoton	n/a	<	0.16	µg/L	EPA 525.2	0.16	0.5	WKL	
ME-SCR	2018/19-5	Dry	5/2/2019 10:25:00 AM	5/21/2019 7:04:00 PM	Disulfoton	n/a	<	0.01	µg/L	EPA 525.2m	0.01	0.01	WKL	
ME-SCR	2018/19-5	Dry	5/2/2019 10:25:00 AM	5/10/2019 11:21:00 PM	Endosulfan I	n/a	<	0.0017	µg/L	EPA 608	0.0017	0.02	WKL	
ME-SCR	2018/19-5	Dry	5/2/2019 10:25:00 AM	5/10/2019 11:21:00 PM	Endosulfan II	n/a	<	0.0019	µg/L	EPA 608	0.0019	0.01	WKL	
ME-SCR	2018/19-5	Dry	5/2/2019 10:25:00 AM	5/10/2019 11:21:00 PM	Endosulfan sulfate	n/a	<	0.008	µg/L	EPA 608	0.008	0.05	WKL	
ME-SCR	2018/19-5	Dry	5/2/2019 10:25:00 AM	5/10/2019 11:21:00 PM	Endrin	n/a	<	0.0028	µg/L	EPA 608	0.0028	0.01	WKL	
ME-SCR	2018/19-5	Dry	5/2/2019 10:25:00 AM	5/10/2019 11:21:00 PM	Endrin aldehyde	n/a	<	0.003	µg/L	EPA 608	0.003	0.01	WKL	
ME-SCR	2018/19-5	Dry	5/2/2019 10:25:00 AM	5/6/2019 8:45:00 PM	EPTC	n/a	<	0.085	µg/L	EPA 525.2	0.085	5	WKL	
ME-SCR	2018/19-5	Dry	5/2/2019 10:25:00 AM	5/21/2019 7:04:00 PM	Ethoprop	n/a	<	0.0067	µg/L	EPA 525.2m	0.0067	0.01	WKL	
ME-SCR	2018/19-5	Dry	5/2/2019 10:25:00 AM	5/21/2019 7:04:00 PM	Ethyl parathion	n/a	<	0.0054	µg/L	EPA 525.2m	0.0054	0.01	WKL	
ME-SCR	2018/19-5	Dry	5/2/2019 10:25:00 AM	5/21/2019 7:04:00 PM	Fensulfothion	n/a	<	0.0029	µg/L	EPA 525.2m	0.0029	0.01	WKL	
ME-SCR	2018/19-5	Dry	5/2/2019 10:25:00 AM	5/21/2019 7:04:00 PM	Fenthion	n/a	<	0.0038	µg/L	EPA 525.2m	0.0038	0.01	WKL	
ME-SCR	2018/19-5	Dry	5/2/2019 10:25:00 AM	5/10/2019 11:21:00 PM	gamma-BHC (Lindane)	n/a	<	0.0021	µg/L	EPA 608	0.0021	0.02	WKL	
ME-SCR	2018/19-5	Dry	5/2/2019 10:25:00 AM	5/10/2019 11:21:00 PM	gamma-Chlordane	n/a	<	0.0044	µg/L	EPA 608	0.0044	0.01	WKL	
ME-SCR	2018/19-5	Dry	5/2/2019 10:25:00 AM	5/9/2019 8:08:00 PM	Glyphosate	n/a	<	1.8	µg/L	EPA 547	1.8	5	WKL	
ME-SCR	2018/19-5	Dry	5/2/2019 10:25:00 AM	5/10/2019 11:21:00 PM	Heptachlor	n/a	<	0.0017	µg/L	EPA 608	0.0017	0.01	WKL	
ME-SCR	2018/19-5	Dry	5/2/2019 10:25:00 AM	5/10/2019 11:21:00 PM	Heptachlor epoxide	n/a	<	0.0019	µg/L	EPA 608	0.0019	0.01	WKL	
ME-SCR	2018/19-5	Dry	5/2/2019 10:25:00 AM	5/21/2019 7:04:00 PM	Malathion	n/a	<	0.0076	µg/L	EPA 525.2m	0.0076	0.01	WKL	
ME-SCR	2018/19-5	Dry	5/2/2019 10:25:00 AM	5/21/2019 7:04:00 PM	Merphos	n/a	<	0.0058	µg/L	EPA 525.2m	0.0058	0.01	WKL	
ME-SCR	2018/19-5	Dry	5/2/2019 10:25:00 AM	5/10/2019 11:21:00 PM	Methoxychlor	n/a	<	0.0054	µg/L	EPA 608	0.0054	0.02	WKL	
ME-SCR	2018/19-5	Dry	5/2/2019 10:25:00 AM	5/21/2019 7:04:00 PM	Methyl parathion	n/a	<	0.0063	µg/L	EPA 525.2m	0.0063	0.01	WKL	
ME-SCR	2018/19-5	Dry	5/2/2019 10:25:00 AM	5/6/2019 8:45:00 PM	Metolachlor	n/a	<	0.06	µg/L	EPA 525.2	0.06	0.5	WKL	
ME-SCR	2018/19-5	Dry	5/2/2019 10:25:00 AM	5/6/2019 8:45:00 PM	Metribuzin	n/a	<	0.075	µg/L	EPA 525.2	0.075	0.5	WKL	

Appendix G
Laboratory Environmental Analysis Results

Site ID	Event	Event Type	Sample Date	Analysis Date	Constituent	Fraction	Sign	Result	Units	Method	MDL	Reporting Limit	Analyzing Laboratory	Qualifier
ME-SCR	2018/19-5	Dry	5/2/2019 10:25:00 AM	5/21/2019 7:04:00 PM	Mevinphos	n/a	<	0.0042	µg/L	EPA 525.2m	0.0042	0.01	WKL	
ME-SCR	2018/19-5	Dry	5/2/2019 10:25:00 AM	5/6/2019 8:45:00 PM	Molinate	n/a	<	0.2	µg/L	EPA 525.2	0.2	0.5	WKL	
ME-SCR	2018/19-5	Dry	5/2/2019 10:25:00 AM	5/21/2019 7:04:00 PM	Naled	n/a	<	0.0076	µg/L	EPA 525.2m	0.0076	0.01	WKL	
ME-SCR	2018/19-5	Dry	5/2/2019 10:25:00 AM	5/21/2019 4:41:00 PM	Pentachlorophenol	n/a	<	0.15	µg/L	EPA 8270C	0.15	1	WKL	
ME-SCR	2018/19-5	Dry	5/2/2019 10:25:00 AM	5/11/2019 2:04:00 AM	Pentachlorophenol	n/a	<	0.04	µg/L	EPA 515.4	0.04	0.2	WKL	
ME-SCR	2018/19-5	Dry	5/2/2019 10:25:00 AM	6/1/2019 4:56:00 AM	Pentachlorophenol	n/a	<	0.95	µg/L	EPA 625	0.95	5	WKL	
ME-SCR	2018/19-5	Dry	5/2/2019 10:25:00 AM	5/21/2019 7:04:00 PM	Phorate	n/a	<	0.003	µg/L	EPA 525.2m	0.003	0.01	WKL	
ME-SCR	2018/19-5	Dry	5/2/2019 10:25:00 AM	5/11/2019 2:04:00 AM	Picloram	n/a	<	0.05	µg/L	EPA 515.4	0.05	0.6	WKL	
ME-SCR	2018/19-5	Dry	5/2/2019 10:25:00 AM	5/6/2019 8:45:00 PM	Prometon	n/a	<	0.12	µg/L	EPA 525.2	0.12	1	WKL	
ME-SCR	2018/19-5	Dry	5/2/2019 10:25:00 AM	5/6/2019 8:45:00 PM	Prometryn	n/a	<	0.18	µg/L	EPA 525.2	0.18	0.5	WKL	
ME-SCR	2018/19-5	Dry	5/2/2019 10:25:00 AM	5/21/2019 7:04:00 PM	Ronnell (Fenchlorphos)	n/a	<	0.0041	µg/L	EPA 525.2m	0.0041	0.01	WKL	
ME-SCR	2018/19-5	Dry	5/2/2019 10:25:00 AM	5/6/2019 8:45:00 PM		n/a	<	0.075	µg/L	EPA 525.2	0.075	0.5	WKL	
ME-SCR	2018/19-5	Dry	5/2/2019 10:25:00 AM	5/21/2019 7:04:00 PM	Stirophos (Tetrachlorvinphos)	n/a	<	0.0031	µg/L	EPA 525.2m	0.0031	0.01	WKL	
ME-SCR	2018/19-5	Dry	5/2/2019 10:25:00 AM	5/6/2019 8:45:00 PM		n/a	<	2.8	µg/L	EPA 525.2	2.8	10	WKL	
ME-SCR	2018/19-5	Dry	5/2/2019 10:25:00 AM	5/6/2019 8:45:00 PM	Thiobencarb	n/a	<	0.12	µg/L	EPA 525.2	0.12	1	WKL	
ME-SCR	2018/19-5	Dry	5/2/2019 10:25:00 AM	5/21/2019 7:04:00 PM	Tokuthion	n/a	<	0.0078	µg/L	EPA 525.2m	0.0078	0.01	WKL	
ME-SCR	2018/19-5	Dry	5/2/2019 10:25:00 AM	5/10/2019 11:21:00 PM	Toxaphene	n/a	<	0.12	µg/L	EPA 608	0.12	0.5	WKL	
ME-SCR	2018/19-5	Dry	5/2/2019 10:25:00 AM	5/21/2019 7:04:00 PM	Trichloronate	n/a	<	0.0067	µg/L	EPA 525.2m	0.0067	0.01	WKL	
ME-SCR	2018/19-5	Dry	5/2/2019 10:25:00 AM	5/6/2019 8:45:00 PM	Trithion	n/a	<	0.06	µg/L	EPA 525.2	0.06	0.5	WKL	
ME-VR2	2018/19-1	Wet	11/22/2018 1:30:00 AM	11/22/2018 9:00:00 PM	E. Coli	n/a	=	670	MPN/100 mL	MMO-MUG	10	10	VCHCA	
ME-VR2	2018/19-1	Wet	11/22/2018 1:30:00 AM	11/22/2018 9:00:00 PM	Total Coliform	n/a	=	3654	MPN/100 mL	MMO-MUG	10	10	VCHCA	
ME-VR2	2018/19-1	Wet	11/22/2018 1:30:00 AM	11/22/2018 1:30:00 AM	Conductivity	n/a	=	999	µmhos/cm	Field Meter	-88	1	Field Crew	
ME-VR2	2018/19-1	Wet	11/22/2018 1:30:00 AM	11/28/2018 5:16:00 PM	Cyanide	Total	DNQ	0.0007	mg/L	ASTM D7511	0.0005	0.002	WKL	
ME-VR2	2018/19-1	Wet	11/22/2018 1:30:00 AM	11/22/2018 1:30:00 AM	DO	n/a	=	56.4	%	Field Meter	-88	0.1	Field Crew	
ME-VR2	2018/19-1	Wet	11/22/2018 1:30:00 AM	11/22/2018 1:30:00 AM	DO	n/a	=	5.17	mg/L	Field Meter	-88	0.3	Field Crew	
ME-VR2	2018/19-1	Wet	11/22/2018 1:30:00 AM	11/22/2018 1:30:00 AM	pH	n/a	=	7.38	pH Units	Field Meter	-88	0.01	Field Crew	
ME-VR2	2018/19-1	Wet	11/22/2018 1:30:00 AM	11/22/2018 1:30:00 AM	Salinity	n/a	=	600	mg/L	Field Meter	-88	100	Field Crew	
ME-VR2	2018/19-1	Wet	11/22/2018 1:30:00 AM	11/22/2018 1:30:00 AM	Specific Conductance	n/a	=	1238	µmhos/cm	Field Meter	-88	1	Field Crew	
ME-VR2	2018/19-1	Wet	11/22/2018 1:30:00 AM	11/22/2018 1:30:00 AM	Temperature	n/a	=	15.3	°C	Field Meter	-88	0.1	Field Crew	
ME-VR2	2018/19-1	Wet	11/22/2018 1:30:00 AM	11/30/2018 4:49:00 PM	Gasoline Range Organics	n/a	<	0.012	mg/L	LUFT GC/MS	0.012	0.1	WKL	
ME-VR2	2018/19-1	Wet	11/22/2018 1:30:00 AM	12/4/2018 9:18:00 AM	Oil and Grease	n/a	<	1.3	mg/L	EPA 1664A	1.3	5	WKL	
ME-VR2	2018/19-1	Wet	11/22/2018 1:30:00 AM	11/26/2018 7:29:00 PM	2-Chloroethyl vinyl ether	n/a	<	0.28	µg/L	EPA 624	0.28	1	WKL	
ME-VR2	2018/19-1	Wet	11/22/2018 1:30:00 AM	11/26/2018 7:29:00 PM	Methyl tert-butyl ether (MTBE)	n/a	<	0.25	µg/L	EPA 624	0.25	1	WKL	
ME-VR2	2018/19-1	Wet	11/22/2018 10:20:00 AM	11/26/2018 10:00:00 PM	Chloride	n/a	=	72	mg/L	EPA 300.0	0.2	1	WKL	
ME-VR2	2018/19-1	Wet	11/22/2018 10:20:00 AM	11/26/2018 10:00:00 PM	Fluoride	n/a	=	0.42	mg/L	EPA 300.0	0.04	0.2	WKL	
ME-VR2	2018/19-1	Wet	11/22/2018 10:20:00 AM	11/29/2018 3:11:00 PM	Perchlorate	n/a	<	0.95	µg/L	EPA 314.0	0.95	2	WKL	
ME-VR2	2018/19-1	Wet	11/22/2018 10:20:00 AM	11/26/2018 10:00:00 PM	Sulfate	Total	=	290	mg/L	EPA 300.0	0.2	1	WKL	
ME-VR2	2018/19-1	Wet	11/22/2018 10:20:00 AM	11/26/2018 4:37:00 PM	Calcium	Total	=	150	mg/L	EPA 200.7	0.016	0.1	WKL	
ME-VR2	2018/19-1	Wet	11/22/2018 10:20:00 AM	11/26/2018 4:37:00 PM	Magnesium	Total	=	39.5	mg/L	EPA 200.7	0.012	0.1	WKL	
ME-VR2	2018/19-1	Wet	11/22/2018 10:20:00 AM	11/26/2018 4:37:00 PM	Potassium	Total	=	4.6	mg/L	EPA 200.7	0.081	0.1	WKL	
ME-VR2	2018/19-1	Wet	11/22/2018 10:20:00 AM	11/27/2018 1:35:00 PM	Sodium	Total	=	70	mg/L	EPA 200.7	0.015	0.5	WKL	
ME-VR2	2018/19-1	Wet	11/22/2018 10:20:00 AM	11/29/2018 10:20:00 AM	Alkalinity as CaCO3	n/a	=	250	mg/L	SM 2320 B	0.56	2	WKL	
ME-VR2	2018/19-1	Wet	11/22/2018 10:20:00 AM	11/28/2018 6:05:00 PM	BOD	n/a	<	2	mg/L	SM 5210 B	2	2	WKL	
ME-VR2	2018/19-1	Wet	11/22/2018 10:20:00 AM	12/10/2018 4:29:00 PM	COD	n/a	<	0.73	mg/L	EPA 410.4	0.73	5	WKL	
ME-VR2	2018/19-1	Wet	11/22/2018 10:20:00 AM	12/4/2018 2:24:00 PM	Dissolved Inorganic Carbon	Dissolved	=	79	mg/L	SM 5310 B	0.016	0.1	WKL	
ME-VR2	2018/19-1	Wet	11/22/2018 10:20:00 AM	12/3/2018 11:13:00 AM	Dissolved Organic Carbon	Dissolved	=	2.7	mg/L	SM 5310 B	0.013	0.3	WKL	
ME-VR2	2018/19-1	Wet	11/22/2018 10:20:00 AM	11/26/2018 4:37:00 PM	Hardness as CaCO3	Total	=	537	mg/L	EPA 200.7	0.0894	0.662	WKL	
ME-VR2	2018/19-1	Wet	11/22/2018 10:20:00 AM	11/23/2018 6:32:00 PM	MBAS	n/a	DNQ	0.021	mg/L	SM 5540 C	0.019	0.05	WKL	

Appendix G
Laboratory Environmental Analysis Results

Site ID	Event	Event Type	Sample Date	Analysis Date	Constituent	Fraction	Sign	Result	Units	Method	MDL	Reporting Limit	Analyzing Laboratory	Qualifier
ME-VR2	2018/19-1	Wet	11/22/2018 10:20:00 AM	12/4/2018 5:45:00 PM	Phenolics	n/a	<	0.0042	mg/L	EPA 420.4	0.0042	0.01	WKL	
ME-VR2	2018/19-1	Wet	11/22/2018 10:20:00 AM	12/3/2018 12:52:00 PM	Specific Conductance	n/a	=	1100	µmhos/cm	SM 2510 B	0.23	2	WKL	
ME-VR2	2018/19-1	Wet	11/22/2018 10:20:00 AM	11/26/2018 6:50:00 PM	Total Dissolved Solids	n/a	=	870	mg/L	SM 2540 C	4	10	WKL	
ME-VR2	2018/19-1	Wet	11/22/2018 10:20:00 AM	11/30/2018 12:03:00 PM	Total Organic Carbon	n/a	=	2.7	mg/L	SM 5310 B	0.016	0.1	WKL	
ME-VR2	2018/19-1	Wet	11/22/2018 10:20:00 AM	11/27/2018 2:15:00 PM	Total Suspended Solids	n/a	=	5	mg/L	SM 2540 D	-88	5	WKL	
ME-VR2	2018/19-1	Wet	11/22/2018 10:20:00 AM	11/23/2018 6:35:00 PM	Turbidity	n/a	=	2.9	NTU	EPA 180.1	0.024	0.1	WKL	
ME-VR2	2018/19-1	Wet	11/22/2018 10:20:00 AM	11/27/2018 2:15:00 PM	Volatile Suspended Solids	n/a	<	3.1	mg/L	EPA 160.4	3.1	5	WKL	
ME-VR2	2018/19-1	Wet	11/22/2018 10:20:00 AM	11/30/2018 6:40:00 PM	Diesel Range Organics	n/a	DNQ	0.054	mg/L	EPA 8015D	0.024	0.1	WKL	UL-MB
ME-VR2	2018/19-1	Wet	11/22/2018 10:20:00 AM	11/30/2018 6:40:00 PM	Oil Range Organics	n/a	<	0.33	mg/L	EPA 8015D	0.33	0.5	WKL	
ME-VR2	2018/19-1	Wet	11/22/2018 10:20:00 AM	11/29/2018 1:16:00 PM	Aluminum	Dissolved	=	5.8	µg/L	EPA 200.8	1.3	5	WKL	
ME-VR2	2018/19-1	Wet	11/22/2018 10:20:00 AM	11/29/2018 1:29:00 PM	Aluminum	Total	=	41	µg/L	EPA 200.8	1.3	5	WKL	
ME-VR2	2018/19-1	Wet	11/22/2018 10:20:00 AM	11/29/2018 1:16:00 PM	Antimony	Dissolved	DNQ	0.1	µg/L	EPA 200.8	0.045	0.5	WKL	
ME-VR2	2018/19-1	Wet	11/22/2018 10:20:00 AM	11/29/2018 1:29:00 PM	Antimony	Total	DNQ	0.095	µg/L	EPA 200.8	0.045	0.5	WKL	
ME-VR2	2018/19-1	Wet	11/22/2018 10:20:00 AM	11/29/2018 1:16:00 PM	Arsenic	Dissolved	=	0.58	µg/L	EPA 200.8	0.074	0.4	WKL	
ME-VR2	2018/19-1	Wet	11/22/2018 10:20:00 AM	11/29/2018 1:29:00 PM	Arsenic	Total	=	0.67	µg/L	EPA 200.8	0.074	0.4	WKL	
ME-VR2	2018/19-1	Wet	11/22/2018 10:20:00 AM	11/29/2018 1:29:00 PM	Barium	Total	=	60	µg/L	EPA 200.8	0.071	0.5	WKL	
ME-VR2	2018/19-1	Wet	11/22/2018 10:20:00 AM	11/29/2018 1:16:00 PM	Beryllium	Dissolved	<	0.033	µg/L	EPA 200.8	0.033	0.1	WKL	
ME-VR2	2018/19-1	Wet	11/22/2018 10:20:00 AM	11/29/2018 1:29:00 PM	Beryllium	Total	<	0.033	µg/L	EPA 200.8	0.033	0.1	WKL	
ME-VR2	2018/19-1	Wet	11/22/2018 10:20:00 AM	11/29/2018 1:16:00 PM	Cadmium	Dissolved	DNQ	0.067	µg/L	EPA 200.8	0.041	0.1	WKL	
ME-VR2	2018/19-1	Wet	11/22/2018 10:20:00 AM	11/29/2018 1:29:00 PM	Cadmium	Total	DNQ	0.085	µg/L	EPA 200.8	0.041	0.1	WKL	
ME-VR2	2018/19-1	Wet	11/22/2018 10:20:00 AM	11/29/2018 1:16:00 PM	Chromium	Dissolved	DNQ	0.037	µg/L	EPA 200.8	0.035	0.2	WKL	
ME-VR2	2018/19-1	Wet	11/22/2018 10:20:00 AM	11/29/2018 1:29:00 PM	Chromium	Total	DNQ	0.079	µg/L	EPA 200.8	0.035	0.2	WKL	
ME-VR2	2018/19-1	Wet	11/22/2018 10:20:00 AM	11/30/2018 10:00:00 PM	Chromium VI	n/a	DNQ	0.016	µg/L	EPA 218.6	0.0048	0.02	WKL	
ME-VR2	2018/19-1	Wet	11/22/2018 10:20:00 AM	11/29/2018 1:16:00 PM	Copper	Dissolved	=	0.52	µg/L	EPA 200.8	0.13	0.5	WKL	
ME-VR2	2018/19-1	Wet	11/22/2018 10:20:00 AM	11/29/2018 1:29:00 PM	Copper	Total	=	0.67	µg/L	EPA 200.8	0.13	0.5	WKL	
ME-VR2	2018/19-1	Wet	11/22/2018 10:20:00 AM	11/26/2018 3:59:00 PM	Iron	Dissolved	=	48	µg/L	EPA 200.7	1.1	10	WKL	
ME-VR2	2018/19-1	Wet	11/22/2018 10:20:00 AM	11/26/2018 4:37:00 PM	Iron	Total	=	190	µg/L	EPA 200.7	1.1	10	WKL	
ME-VR2	2018/19-1	Wet	11/22/2018 10:20:00 AM	11/29/2018 1:16:00 PM	Lead	Dissolved	<	0.031	µg/L	EPA 200.8	0.031	0.2	WKL	
ME-VR2	2018/19-1	Wet	11/22/2018 10:20:00 AM	11/29/2018 1:29:00 PM	Lead	Total	DNQ	0.058	µg/L	EPA 200.8	0.031	0.2	WKL	
ME-VR2	2018/19-1	Wet	11/22/2018 10:20:00 AM	11/28/2018 3:10:00 PM	Mercury	Dissolved	<	17	ng/L	EPA 245.1	17	50	WKL	
ME-VR2	2018/19-1	Wet	11/22/2018 10:20:00 AM	11/28/2018 3:12:00 PM	Mercury	Total	<	17	ng/L	EPA 245.1	17	50	WKL	
ME-VR2	2018/19-1	Wet	11/22/2018 10:20:00 AM	11/29/2018 1:16:00 PM	Nickel	Dissolved	=	1.1	µg/L	EPA 200.8	0.045	0.8	WKL	
ME-VR2	2018/19-1	Wet	11/22/2018 10:20:00 AM	11/29/2018 1:29:00 PM	Nickel	Total	=	1.1	µg/L	EPA 200.8	0.045	0.8	WKL	
ME-VR2	2018/19-1	Wet	11/22/2018 10:20:00 AM	11/29/2018 1:16:00 PM	Selenium	Dissolved	=	0.85	µg/L	EPA 200.8	0.14	0.4	WKL	
ME-VR2	2018/19-1	Wet	11/22/2018 10:20:00 AM	11/29/2018 1:29:00 PM	Selenium	Total	=	0.89	µg/L	EPA 200.8	0.14	0.4	WKL	
ME-VR2	2018/19-1	Wet	11/22/2018 10:20:00 AM	11/29/2018 1:16:00 PM	Silver	Dissolved	<	0.062	µg/L	EPA 200.8	0.062	0.2	WKL	
ME-VR2	2018/19-1	Wet	11/22/2018 10:20:00 AM	11/29/2018 1:29:00 PM	Silver	Total	<	0.062	µg/L	EPA 200.8	0.062	0.2	WKL	
ME-VR2	2018/19-1	Wet	11/22/2018 10:20:00 AM	11/29/2018 1:16:00 PM	Thallium	Dissolved	<	0.014	µg/L	EPA 200.8	0.014	0.2	WKL	
ME-VR2	2018/19-1	Wet	11/22/2018 10:20:00 AM	11/29/2018 1:29:00 PM	Thallium	Total	<	0.014	µg/L	EPA 200.8	0.014	0.2	WKL	
ME-VR2	2018/19-1	Wet	11/22/2018 10:20:00 AM	11/29/2018 1:16:00 PM	Zinc	Dissolved	DNQ	1.8	µg/L	EPA 200.8	0.94	5	WKL	
ME-VR2	2018/19-1	Wet	11/22/2018 10:20:00 AM	11/29/2018 1:29:00 PM	Zinc	Total	DNQ	1.3	µg/L	EPA 200.8	0.94	5	WKL	
ME-VR2	2018/19-1	Wet	11/22/2018 10:20:00 AM	11/27/2018 4:38:00 PM	Ammonia as N	n/a	DNQ	0.05	mg/L	EPA 350.1	0.048	0.1	WKL	
ME-VR2	2018/19-1	Wet	11/22/2018 10:20:00 AM	12/12/2018 6:02:00 PM	Nitrate + Nitrite as N	n/a	DNQ	0.13	mg/L	EPA 353.2	0.083	0.2	WKL	
ME-VR2	2018/19-1	Wet	11/22/2018 10:20:00 AM	1/25/2019 2:01:00 PM	Phosphorus as P	Dissolved	<	0.012	mg/L	EPA 200.7	0.012	0.02	WKL	
ME-VR2	2018/19-1	Wet	11/22/2018 10:20:00 AM	1/25/2019 2:04:00 PM	Phosphorus as P	Total	=	0.039	mg/L	EPA 200.7	0.012	0.02	WKL	
ME-VR2	2018/19-1	Wet	11/22/2018 10:20:00 AM	11/29/2018 10:20:00 AM	TKN	n/a	=	0.11	mg/L	EPA 351.2	0.05	0.1	WKL	
ME-VR2	2018/19-1	Wet	11/22/2018 10:20:00 AM	12/28/2018 9:42:00 PM	1,2,4-Trichlorobenzene	n/a	<	0.55	µg/L	EPA 625	0.55	1	WKL	
ME-VR2	2018/19-1	Wet	11/22/2018 10:20:00 AM	12/28/2018 9:42:00 PM	1,2-Dichlorobenzene	n/a	<	0.57	µg/L	EPA 625	0.57	1	WKL	

Appendix G
Laboratory Environmental Analysis Results

Site ID	Event	Event Type	Sample Date	Analysis Date	Constituent	Fraction	Sign	Result	Units	Method	MDL	Reporting Limit	Analyzing Laboratory	Qualifier
ME-VR2	2018/19-1	Wet	11/22/2018 10:20:00 AM	12/28/2018 9:42:00 PM	1,2-Diphenylhydrazine	n/a	<	0.25	µg/L	EPA 625	0.25	1	WKL	
ME-VR2	2018/19-1	Wet	11/22/2018 10:20:00 AM	12/28/2018 9:42:00 PM	1,3-Dichlorobenzene	n/a	<	0.53	µg/L	EPA 625	0.53	1	WKL	
ME-VR2	2018/19-1	Wet	11/22/2018 10:20:00 AM	12/28/2018 9:42:00 PM	1,4-Dichlorobenzene	n/a	<	0.55	µg/L	EPA 625	0.55	1	WKL	
ME-VR2	2018/19-1	Wet	11/22/2018 10:20:00 AM	1/4/2019 3:54:00 AM	1-Methylnaphthalene	n/a	<	0.1	µg/L	EPA 8270C	0.1	0.1	WKL	
ME-VR2	2018/19-1	Wet	11/22/2018 10:20:00 AM	1/2/2019 6:24:00 PM	2,4,5-Trichlorophenol	n/a	<	0.29	µg/L	EPA 8270C	0.29	1	WKL	
ME-VR2	2018/19-1	Wet	11/22/2018 10:20:00 AM	12/28/2018 9:42:00 PM	2,4,6-Trichlorophenol	n/a	<	0.22	µg/L	EPA 625	0.22	1	WKL	
ME-VR2	2018/19-1	Wet	11/22/2018 10:20:00 AM	1/2/2019 6:24:00 PM	2,4,6-Trichlorophenol	n/a	<	0.3	µg/L	EPA 8270C	0.3	1	WKL	
ME-VR2	2018/19-1	Wet	11/22/2018 10:20:00 AM	12/28/2018 9:42:00 PM	2,4-Dichlorophenol	n/a	<	0.26	µg/L	EPA 625	0.26	1	WKL	
ME-VR2	2018/19-1	Wet	11/22/2018 10:20:00 AM	1/2/2019 6:24:00 PM	2,4-Dichlorophenol	n/a	<	0.51	µg/L	EPA 8270C	0.51	1	WKL	
ME-VR2	2018/19-1	Wet	11/22/2018 10:20:00 AM	1/2/2019 6:24:00 PM	2,4-Dimethylphenol	n/a	<	1	µg/L	EPA 8270C	1	2	WKL	
ME-VR2	2018/19-1	Wet	11/22/2018 10:20:00 AM	12/28/2018 9:42:00 PM	2,4-Dimethylphenol	n/a	<	0.3	µg/L	EPA 625	0.3	1	WKL	
ME-VR2	2018/19-1	Wet	11/22/2018 10:20:00 AM	12/28/2018 9:42:00 PM	2,4-Dinitrophenol	n/a	<	1.6	µg/L	EPA 625	1.6	10	WKL	
ME-VR2	2018/19-1	Wet	11/22/2018 10:20:00 AM	1/2/2019 6:24:00 PM	2,4-Dinitrophenol	n/a	<	1	µg/L	EPA 8270C	1	2	WKL	
ME-VR2	2018/19-1	Wet	11/22/2018 10:20:00 AM	12/28/2018 9:42:00 PM	2,4-Dinitrotoluene	n/a	<	0.18	µg/L	EPA 625	0.18	1	WKL	
ME-VR2	2018/19-1	Wet	11/22/2018 10:20:00 AM	12/28/2018 9:42:00 PM	2,6-Dinitrotoluene	n/a	<	0.27	µg/L	EPA 625	0.27	1	WKL	
ME-VR2	2018/19-1	Wet	11/22/2018 10:20:00 AM	12/28/2018 9:42:00 PM	2-Chloronaphthalene	n/a	<	0.45	µg/L	EPA 625	0.45	1	WKL	
ME-VR2	2018/19-1	Wet	11/22/2018 10:20:00 AM	12/28/2018 9:42:00 PM	2-Chlorophenol	n/a	<	0.28	µg/L	EPA 625	0.28	1	WKL	
ME-VR2	2018/19-1	Wet	11/22/2018 10:20:00 AM	1/2/2019 6:24:00 PM	2-Chlorophenol	n/a	<	0.65	µg/L	EPA 8270C	0.65	1	WKL	
ME-VR2	2018/19-1	Wet	11/22/2018 10:20:00 AM	1/4/2019 3:54:00 AM	2-Methylnaphthalene	n/a	<	0.1	µg/L	EPA 8270C	0.1	0.1	WKL	
ME-VR2	2018/19-1	Wet	11/22/2018 10:20:00 AM	1/2/2019 6:24:00 PM	2-Methylphenol	n/a	<	0.34	µg/L	EPA 8270C	0.34	1	WKL	
ME-VR2	2018/19-1	Wet	11/22/2018 10:20:00 AM	12/28/2018 9:42:00 PM	2-Nitrophenol	n/a	<	0.26	µg/L	EPA 625	0.26	1	WKL	
ME-VR2	2018/19-1	Wet	11/22/2018 10:20:00 AM	1/2/2019 6:24:00 PM	2-Nitrophenol	n/a	<	0.71	µg/L	EPA 8270C	0.71	1	WKL	
ME-VR2	2018/19-1	Wet	11/22/2018 10:20:00 AM	12/28/2018 9:42:00 PM	3,3'-Dichlorobenzidine	n/a	<	1.2	µg/L	EPA 625	1.2	5	WKL	
ME-VR2	2018/19-1	Wet	11/22/2018 10:20:00 AM	1/2/2019 6:24:00 PM	3-/4-Methylphenol	n/a	<	0.3	µg/L	EPA 8270C	0.3	1	WKL	
ME-VR2	2018/19-1	Wet	11/22/2018 10:20:00 AM	12/28/2018 9:42:00 PM	4,6-Dinitro-2-methylphenol	n/a	<	1.7	µg/L	EPA 625	1.7	5	WKL	
ME-VR2	2018/19-1	Wet	11/22/2018 10:20:00 AM	1/2/2019 6:24:00 PM	4,6-Dinitro-2-methylphenol	n/a	<	0.14	µg/L	EPA 8270C	0.14	1	WKL	
ME-VR2	2018/19-1	Wet	11/22/2018 10:20:00 AM	12/28/2018 9:42:00 PM	4-Bromophenyl phenyl ether	n/a	<	0.36	µg/L	EPA 625	0.36	1	WKL	
ME-VR2	2018/19-1	Wet	11/22/2018 10:20:00 AM	12/28/2018 9:42:00 PM	4-Chloro-3-methylphenol	n/a	<	0.23	µg/L	EPA 625	0.23	1	WKL	
ME-VR2	2018/19-1	Wet	11/22/2018 10:20:00 AM	1/2/2019 6:24:00 PM	4-Chloro-3-methylphenol	n/a	<	0.37	µg/L	EPA 8270C	0.37	1	WKL	
ME-VR2	2018/19-1	Wet	11/22/2018 10:20:00 AM	12/28/2018 9:42:00 PM	4-Chlorophenyl phenyl ether	n/a	<	0.41	µg/L	EPA 625	0.41	1	WKL	
ME-VR2	2018/19-1	Wet	11/22/2018 10:20:00 AM	12/28/2018 9:42:00 PM	4-Nitrophenol	n/a	<	0.45	µg/L	EPA 625	0.45	5	WKL	
ME-VR2	2018/19-1	Wet	11/22/2018 10:20:00 AM	1/2/2019 6:24:00 PM	4-Nitrophenol	n/a	<	1	µg/L	EPA 8270C	1	2	WKL	
ME-VR2	2018/19-1	Wet	11/22/2018 10:20:00 AM	12/28/2018 9:42:00 PM	Acenaphthene	n/a	<	0.38	µg/L	EPA 625	0.38	1	WKL	
ME-VR2	2018/19-1	Wet	11/22/2018 10:20:00 AM	1/4/2019 3:54:00 AM	Acenaphthene	n/a	<	0.1	µg/L	EPA 8270C	0.1	0.1	WKL	
ME-VR2	2018/19-1	Wet	11/22/2018 10:20:00 AM	12/28/2018 9:42:00 PM	Acenaphthylene	n/a	<	0.4	µg/L	EPA 625	0.4	1	WKL	
ME-VR2	2018/19-1	Wet	11/22/2018 10:20:00 AM	1/4/2019 3:54:00 AM	Acenaphthylene	n/a	<	0.1	µg/L	EPA 8270C	0.1	0.1	WKL	
ME-VR2	2018/19-1	Wet	11/22/2018 10:20:00 AM	1/4/2019 3:54:00 AM	Anthracene	n/a	<	0.1	µg/L	EPA 8270C	0.1	0.1	WKL	
ME-VR2	2018/19-1	Wet	11/22/2018 10:20:00 AM	12/28/2018 9:42:00 PM	Anthracene	n/a	<	0.34	µg/L	EPA 625	0.34	1	WKL	
ME-VR2	2018/19-1	Wet	11/22/2018 10:20:00 AM	12/28/2018 9:42:00 PM	Benz(a)anthracene	n/a	<	0.19	µg/L	EPA 625	0.19	1	WKL	
ME-VR2	2018/19-1	Wet	11/22/2018 10:20:00 AM	1/4/2019 3:54:00 AM	Benz(a)anthracene	n/a	<	0.1	µg/L	EPA 8270C	0.1	0.1	WKL	
ME-VR2	2018/19-1	Wet	11/22/2018 10:20:00 AM	12/28/2018 9:42:00 PM	Benzidine	n/a	<	3.7	µg/L	EPA 625	3.7	10	WKL	
ME-VR2	2018/19-1	Wet	11/22/2018 10:20:00 AM	12/14/2018 3:23:00 AM	Benzo(a)pyrene	n/a	<	0.07	µg/L	EPA 525.2	0.07	0.1	WKL	
ME-VR2	2018/19-1	Wet	11/22/2018 10:20:00 AM	12/28/2018 9:42:00 PM	Benzo(a)pyrene	n/a	<	0.13	µg/L	EPA 625	0.13	1	WKL	
ME-VR2	2018/19-1	Wet	11/22/2018 10:20:00 AM	1/4/2019 3:54:00 AM	Benzo(a)pyrene	n/a	<	0.1	µg/L	EPA 8270C	0.1	0.1	WKL	
ME-VR2	2018/19-1	Wet	11/22/2018 10:20:00 AM	12/28/2018 9:42:00 PM	Benzo(b)fluoranthene	n/a	<	0.14	µg/L	EPA 625	0.14	1	WKL	
ME-VR2	2018/19-1	Wet	11/22/2018 10:20:00 AM	1/4/2019 3:54:00 AM	Benzo(b)fluoranthene	n/a	<	0.1	µg/L	EPA 8270C	0.1	0.1	WKL	
ME-VR2	2018/19-1	Wet	11/22/2018 10:20:00 AM	12/28/2018 9:42:00 PM	Benzo(g,h,i)perylene	n/a	<	0.1	µg/L	EPA 625	0.1	2	WKL	
ME-VR2	2018/19-1	Wet	11/22/2018 10:20:00 AM	1/4/2019 3:54:00 AM	Benzo(g,h,i)perylene	n/a	<	0.1	µg/L	EPA 8270C	0.1	0.1	WKL	

Appendix G
Laboratory Environmental Analysis Results

Site ID	Event	Event Type	Sample Date	Analysis Date	Constituent	Fraction	Sign	Result	Units	Method	MDL	Reporting Limit	Analyzing Laboratory	Qualifier
ME-VR2	2018/19-1	Wet	11/22/2018 10:20:00 AM	12/28/2018 9:42:00 PM	Benzo(k)fluoranthene	n/a	<	0.22	µg/L	EPA 625	0.22	1	WKL	
ME-VR2	2018/19-1	Wet	11/22/2018 10:20:00 AM	1/4/2019 3:54:00 AM	Benzo(k)fluoranthene	n/a	<	0.1	µg/L	EPA 8270C	0.1	0.1	WKL	
ME-VR2	2018/19-1	Wet	11/22/2018 10:20:00 AM	12/28/2018 9:42:00 PM	Bis(2-chloroethoxy)methane	n/a	<	0.25	µg/L	EPA 625	0.25	1	WKL	
ME-VR2	2018/19-1	Wet	11/22/2018 10:20:00 AM	12/28/2018 9:42:00 PM	Bis(2-chloroethyl)ether	n/a	<	0.27	µg/L	EPA 625	0.27	1	WKL	
ME-VR2	2018/19-1	Wet	11/22/2018 10:20:00 AM	12/28/2018 9:42:00 PM	Bis(2-chloroisopropyl)ether	n/a	<	0.38	µg/L	EPA 625	0.38	1	WKL	
ME-VR2	2018/19-1	Wet	11/22/2018 10:20:00 AM	12/14/2018 3:23:00 AM	Bis(2-ethylhexyl)adipate	n/a	<	0.1	µg/L	EPA 525.2	0.1	5	WKL	
ME-VR2	2018/19-1	Wet	11/22/2018 10:20:00 AM	12/14/2018 3:23:00 AM	Bis(2-ethylhexyl)phthalate	n/a	<	1.1	µg/L	EPA 525.2	1.1	3	WKL	
ME-VR2	2018/19-1	Wet	11/22/2018 10:20:00 AM	12/28/2018 9:42:00 PM	Bis(2-ethylhexyl)phthalate	n/a	<	2.3	µg/L	EPA 625	2.3	5	WKL	
ME-VR2	2018/19-1	Wet	11/22/2018 10:20:00 AM	12/28/2018 9:42:00 PM	Butyl benzyl phthalate	n/a	DNQ	0.21	µg/L	EPA 625	0.18	1	WKL	UL-MB
ME-VR2	2018/19-1	Wet	11/22/2018 10:20:00 AM	12/28/2018 9:42:00 PM	Chrysene	n/a	<	0.19	µg/L	EPA 625	0.19	1	WKL	
ME-VR2	2018/19-1	Wet	11/22/2018 10:20:00 AM	1/4/2019 3:54:00 AM	Chrysene	n/a	<	0.1	µg/L	EPA 8270C	0.1	0.1	WKL	
ME-VR2	2018/19-1	Wet	11/22/2018 10:20:00 AM	12/28/2018 9:42:00 PM	Dibenz(a,h)anthracene	n/a	<	0.08	µg/L	EPA 625	0.08	2	WKL	
ME-VR2	2018/19-1	Wet	11/22/2018 10:20:00 AM	1/4/2019 3:54:00 AM	Dibenz(a,h)anthracene	n/a	<	0.1	µg/L	EPA 8270C	0.1	0.1	WKL	
ME-VR2	2018/19-1	Wet	11/22/2018 10:20:00 AM	12/28/2018 9:42:00 PM	Diethyl phthalate	n/a	DNQ	0.52	µg/L	EPA 625	0.15	1	WKL	
ME-VR2	2018/19-1	Wet	11/22/2018 10:20:00 AM	12/28/2018 9:42:00 PM	Dimethyl phthalate	n/a	<	0.18	µg/L	EPA 625	0.18	1	WKL	
ME-VR2	2018/19-1	Wet	11/22/2018 10:20:00 AM	12/28/2018 9:42:00 PM	Di-n-butylphthalate	n/a	<	0.24	µg/L	EPA 625	0.24	1	WKL	
ME-VR2	2018/19-1	Wet	11/22/2018 10:20:00 AM	12/28/2018 9:42:00 PM	Di-n-octylphthalate	n/a	<	0.19	µg/L	EPA 625	0.19	1	WKL	
ME-VR2	2018/19-1	Wet	11/22/2018 10:20:00 AM	12/28/2018 9:42:00 PM	Fluoranthene	n/a	<	0.22	µg/L	EPA 625	0.22	1	WKL	
ME-VR2	2018/19-1	Wet	11/22/2018 10:20:00 AM	1/4/2019 3:54:00 AM	Fluoranthene	n/a	<	0.1	µg/L	EPA 8270C	0.1	0.1	WKL	
ME-VR2	2018/19-1	Wet	11/22/2018 10:20:00 AM	12/28/2018 9:42:00 PM	Fluorene	n/a	<	0.35	µg/L	EPA 625	0.35	1	WKL	
ME-VR2	2018/19-1	Wet	11/22/2018 10:20:00 AM	1/4/2019 3:54:00 AM	Fluorene	n/a	<	0.1	µg/L	EPA 8270C	0.1	0.1	WKL	
ME-VR2	2018/19-1	Wet	11/22/2018 10:20:00 AM	12/28/2018 9:42:00 PM	Hexachlorobenzene	n/a	<	0.49	µg/L	EPA 625	0.49	1	WKL	
ME-VR2	2018/19-1	Wet	11/22/2018 10:20:00 AM	12/28/2018 9:42:00 PM	Hexachlorobutadiene	n/a	<	0.47	µg/L	EPA 625	0.47	1	WKL	
ME-VR2	2018/19-1	Wet	11/22/2018 10:20:00 AM	12/28/2018 9:42:00 PM	Hexachlorocyclopentadiene	n/a	<	1.5	µg/L	EPA 625	1.5	5	WKL	
ME-VR2	2018/19-1	Wet	11/22/2018 10:20:00 AM	12/28/2018 9:42:00 PM	Hexachloroethane	n/a	<	0.52	µg/L	EPA 625	0.52	1	WKL	
ME-VR2	2018/19-1	Wet	11/22/2018 10:20:00 AM	12/28/2018 9:42:00 PM	Indeno(1,2,3-cd)pyrene	n/a	<	0.12	µg/L	EPA 625	0.12	2	WKL	
ME-VR2	2018/19-1	Wet	11/22/2018 10:20:00 AM	1/4/2019 3:54:00 AM	Indeno(1,2,3-cd)pyrene	n/a	<	0.1	µg/L	EPA 8270C	0.1	0.1	WKL	
ME-VR2	2018/19-1	Wet	11/22/2018 10:20:00 AM	12/28/2018 9:42:00 PM	Isophorone	n/a	<	0.21	µg/L	EPA 625	0.21	1	WKL	
ME-VR2	2018/19-1	Wet	11/22/2018 10:20:00 AM	12/28/2018 9:42:00 PM	Naphthalene	n/a	<	0.49	µg/L	EPA 625	0.49	1	WKL	
ME-VR2	2018/19-1	Wet	11/22/2018 10:20:00 AM	1/4/2019 3:54:00 AM	Naphthalene	n/a	<	0.1	µg/L	EPA 8270C	0.1	0.1	WKL	
ME-VR2	2018/19-1	Wet	11/22/2018 10:20:00 AM	12/28/2018 9:42:00 PM	Nitrobenzene	n/a	<	0.36	µg/L	EPA 625	0.36	1	WKL	
ME-VR2	2018/19-1	Wet	11/22/2018 10:20:00 AM	12/28/2018 9:42:00 PM	N-Nitrosodimethylamine	n/a	<	0.14	µg/L	EPA 625	0.14	1	WKL	
ME-VR2	2018/19-1	Wet	11/22/2018 10:20:00 AM	12/28/2018 9:42:00 PM	N-Nitrosodi-N-propylamine	n/a	<	0.26	µg/L	EPA 625	0.26	1	WKL	
ME-VR2	2018/19-1	Wet	11/22/2018 10:20:00 AM	12/28/2018 9:42:00 PM	N-Nitrosodiphenylamine	n/a	<	0.19	µg/L	EPA 625	0.19	1	WKL	
ME-VR2	2018/19-1	Wet	11/22/2018 10:20:00 AM	12/28/2018 9:42:00 PM	Phenanthrene	n/a	<	0.32	µg/L	EPA 625	0.32	1	WKL	
ME-VR2	2018/19-1	Wet	11/22/2018 10:20:00 AM	1/4/2019 3:54:00 AM	Phenanthrene	n/a	<	0.1	µg/L	EPA 8270C	0.1	0.1	WKL	
ME-VR2	2018/19-1	Wet	11/22/2018 10:20:00 AM	12/28/2018 9:42:00 PM	Phenol	n/a	<	0.16	µg/L	EPA 625	0.16	1	WKL	
ME-VR2	2018/19-1	Wet	11/22/2018 10:20:00 AM	1/2/2019 6:24:00 PM	Phenol	n/a	<	0.35	µg/L	EPA 8270C	0.35	1	WKL	
ME-VR2	2018/19-1	Wet	11/22/2018 10:20:00 AM	12/28/2018 9:42:00 PM	Pyrene	n/a	<	0.25	µg/L	EPA 625	0.25	1	WKL	
ME-VR2	2018/19-1	Wet	11/22/2018 10:20:00 AM	1/4/2019 3:54:00 AM	Pyrene	n/a	<	0.1	µg/L	EPA 8270C	0.1	0.1	WKL	
ME-VR2	2018/19-1	Wet	11/22/2018 10:20:00 AM	12/20/2018 12:09:00 AM	PCB Aroclor 1016	n/a	<	0.25	µg/L	EPA 608	0.25	2.5	WKL	
ME-VR2	2018/19-1	Wet	11/22/2018 10:20:00 AM	12/20/2018 12:09:00 AM	PCB Aroclor 1221	n/a	<	0.3	µg/L	EPA 608	0.3	2.5	WKL	
ME-VR2	2018/19-1	Wet	11/22/2018 10:20:00 AM	12/20/2018 12:09:00 AM	PCB Aroclor 1232	n/a	<	0.75	µg/L	EPA 608	0.75	2.5	WKL	
ME-VR2	2018/19-1	Wet	11/22/2018 10:20:00 AM	12/20/2018 12:09:00 AM	PCB Aroclor 1242	n/a	<	0.35	µg/L	EPA 608	0.35	2.5	WKL	
ME-VR2	2018/19-1	Wet	11/22/2018 10:20:00 AM	12/20/2018 12:09:00 AM	PCB Aroclor 1248	n/a	<	0.3	µg/L	EPA 608	0.3	2.5	WKL	
ME-VR2	2018/19-1	Wet	11/22/2018 10:20:00 AM	12/20/2018 12:09:00 AM	PCB Aroclor 1254	n/a	<	0.2	µg/L	EPA 608	0.2	2.5	WKL	
ME-VR2	2018/19-1	Wet	11/22/2018 10:20:00 AM	12/20/2018 12:09:00 AM	PCB Aroclor 1260	n/a	<	0.2	µg/L	EPA 608	0.2	2.5	WKL	
ME-VR2	2018/19-1	Wet	11/22/2018 10:20:00 AM	12/15/2018 1:34:00 AM	2,4,5-T	n/a	<	0.07	µg/L	EPA 515.3	0.07	0.2	WKL	

Appendix G
Laboratory Environmental Analysis Results

Site ID	Event	Event Type	Sample Date	Analysis Date	Constituent	Fraction	Sign	Result	Units	Method	MDL	Reporting Limit	Analyzing Laboratory	Qualifier
ME-VR2	2018/19-1	Wet	11/22/2018 10:20:00 AM	12/15/2018 1:34:00 AM	2,4,5-TP	n/a	<	0.09	µg/L	EPA 515.3	0.09	0.2	WKL	
ME-VR2	2018/19-1	Wet	11/22/2018 10:20:00 AM	12/15/2018 1:34:00 AM	2,4-D	n/a	<	0.07	µg/L	EPA 515.3	0.07	0.4	WKL	
ME-VR2	2018/19-1	Wet	11/22/2018 10:20:00 AM	12/15/2018 1:34:00 AM	2,4-DB	n/a	DNQ	0.15	µg/L	EPA 515.3	0.07	2	WKL	
ME-VR2	2018/19-1	Wet	11/22/2018 10:20:00 AM	12/15/2018 1:34:00 AM	3,5-Dichlorobenzoic acid	n/a	<	0.09	µg/L	EPA 515.3	0.09	1	WKL	
ME-VR2	2018/19-1	Wet	11/22/2018 10:20:00 AM	12/20/2018 12:09:00 AM	4,4'-DDD	n/a	<	0.015	µg/L	EPA 608	0.015	0.25	WKL	
ME-VR2	2018/19-1	Wet	11/22/2018 10:20:00 AM	12/20/2018 12:09:00 AM	4,4'-DDE	n/a	<	0.012	µg/L	EPA 608	0.012	0.25	WKL	
ME-VR2	2018/19-1	Wet	11/22/2018 10:20:00 AM	12/20/2018 12:09:00 AM	4,4'-DDT	n/a	<	0.016	µg/L	EPA 608	0.016	0.05	WKL	
ME-VR2	2018/19-1	Wet	11/22/2018 10:20:00 AM	12/15/2018 1:34:00 AM	Acifluorfen	n/a	<	0.06	µg/L	EPA 515.3	0.06	0.4	WKL	
ME-VR2	2018/19-1	Wet	11/22/2018 10:20:00 AM	12/14/2018 3:23:00 AM	Alachlor	n/a	<	0.022	µg/L	EPA 525.2	0.022	0.1	WKL	
ME-VR2	2018/19-1	Wet	11/22/2018 10:20:00 AM	12/20/2018 12:09:00 AM	Aldrin	n/a	<	0.0075	µg/L	EPA 608	0.0075	0.025	WKL	
ME-VR2	2018/19-1	Wet	11/22/2018 10:20:00 AM	12/20/2018 12:09:00 AM	alpha-BHC	n/a	<	0.009	µg/L	EPA 608	0.009	0.05	WKL	
ME-VR2	2018/19-1	Wet	11/22/2018 10:20:00 AM	12/20/2018 12:09:00 AM	alpha-Chlordane	n/a	<	0.02	µg/L	EPA 608	0.02	0.05	WKL	
ME-VR2	2018/19-1	Wet	11/22/2018 10:20:00 AM	12/14/2018 3:23:00 AM	Atrazine	n/a	DNQ	0.04	µg/L	EPA 525.2	0.034	0.1	WKL	
ME-VR2	2018/19-1	Wet	11/22/2018 10:20:00 AM	12/12/2018 5:13:00 AM	Azinphos methyl	n/a	<	0.0055	µg/L	EPA 525.2m	0.0055	0.01	WKL	
ME-VR2	2018/19-1	Wet	11/22/2018 10:20:00 AM	12/15/2018 1:34:00 AM	Bentazon	n/a	<	0.11	µg/L	EPA 515.3	0.11	2	WKL	
ME-VR2	2018/19-1	Wet	11/22/2018 10:20:00 AM	12/20/2018 12:09:00 AM	beta-BHC	n/a	<	0.016	µg/L	EPA 608	0.016	0.025	WKL	
ME-VR2	2018/19-1	Wet	11/22/2018 10:20:00 AM	12/12/2018 5:13:00 AM	Bolstar	n/a	<	0.0046	µg/L	EPA 525.2m	0.0046	0.01	WKL	
ME-VR2	2018/19-1	Wet	11/22/2018 10:20:00 AM	12/14/2018 3:23:00 AM	Bromacil	n/a	<	0.038	µg/L	EPA 525.2	0.038	1	WKL	
ME-VR2	2018/19-1	Wet	11/22/2018 10:20:00 AM	12/14/2018 3:23:00 AM	Butachlor	n/a	<	0.017	µg/L	EPA 525.2	0.017	0.2	WKL	
ME-VR2	2018/19-1	Wet	11/22/2018 10:20:00 AM	12/14/2018 3:23:00 AM	Captan	n/a	<	0.86	µg/L	EPA 525.2	0.86	1	WKL	
ME-VR2	2018/19-1	Wet	11/22/2018 10:20:00 AM	12/20/2018 12:09:00 AM	Chlordane (technical)	n/a	<	0.4	µg/L	EPA 608	0.4	0.5	WKL	
ME-VR2	2018/19-1	Wet	11/22/2018 10:20:00 AM	12/14/2018 3:23:00 AM	Chlorpropham	n/a	<	0.01	µg/L	EPA 525.2	0.01	0.1	WKL	
ME-VR2	2018/19-1	Wet	11/22/2018 10:20:00 AM	12/12/2018 5:13:00 AM	Chlorpyrifos	n/a	<	0.0069	µg/L	EPA 525.2m	0.0069	0.01	WKL	
ME-VR2	2018/19-1	Wet	11/22/2018 10:20:00 AM	12/12/2018 5:13:00 AM	Coumaphos	n/a	<	0.0051	µg/L	EPA 525.2m	0.0051	0.01	WKL	
ME-VR2	2018/19-1	Wet	11/22/2018 10:20:00 AM	12/14/2018 3:23:00 AM	Cyanazine	n/a	<	0.024	µg/L	EPA 525.2	0.024	0.1	WKL	
ME-VR2	2018/19-1	Wet	11/22/2018 10:20:00 AM	12/15/2018 1:34:00 AM	Dalapon	n/a	<	0.1	µg/L	EPA 515.3	0.1	0.4	WKL	
ME-VR2	2018/19-1	Wet	11/22/2018 10:20:00 AM	12/15/2018 1:34:00 AM	DCPA (Dacthal)	n/a	<	0.07	µg/L	EPA 515.3	0.07	0.1	WKL	
ME-VR2	2018/19-1	Wet	11/22/2018 10:20:00 AM	12/20/2018 12:09:00 AM	delta-BHC	n/a	<	0.012	µg/L	EPA 608	0.012	0.025	WKL	
ME-VR2	2018/19-1	Wet	11/22/2018 10:20:00 AM	12/12/2018 5:13:00 AM	Demeton-O	n/a	<	0.01	µg/L	EPA 525.2m	0.01	0.01	WKL	
ME-VR2	2018/19-1	Wet	11/22/2018 10:20:00 AM	12/12/2018 5:13:00 AM	Demeton-S	n/a	<	0.01	µg/L	EPA 525.2m	0.01	0.01	WKL	
ME-VR2	2018/19-1	Wet	11/22/2018 10:20:00 AM	12/12/2018 5:13:00 AM	Diazinon	n/a	<	0.0052	µg/L	EPA 525.2m	0.0052	0.01	WKL	
ME-VR2	2018/19-1	Wet	11/22/2018 10:20:00 AM	12/14/2018 3:23:00 AM	Diazinon	n/a	<	0.096	µg/L	EPA 525.2	0.096	0.1	WKL	
ME-VR2	2018/19-1	Wet	11/22/2018 10:20:00 AM	12/15/2018 1:34:00 AM	Dicamba	n/a	<	0.12	µg/L	EPA 515.3	0.12	0.6	WKL	
ME-VR2	2018/19-1	Wet	11/22/2018 10:20:00 AM	12/15/2018 1:34:00 AM	Dichlorprop	n/a	<	0.08	µg/L	EPA 515.3	0.08	0.3	WKL	
ME-VR2	2018/19-1	Wet	11/22/2018 10:20:00 AM	12/12/2018 5:13:00 AM	Dichlorvos	n/a	<	0.0029	µg/L	EPA 525.2m	0.0029	0.01	WKL	
ME-VR2	2018/19-1	Wet	11/22/2018 10:20:00 AM	12/20/2018 12:09:00 AM	Dieldrin	n/a	<	0.01	µg/L	EPA 608	0.01	0.05	WKL	
ME-VR2	2018/19-1	Wet	11/22/2018 10:20:00 AM	12/14/2018 3:23:00 AM	Dimethoate	n/a	<	0.024	µg/L	EPA 525.2	0.024	0.2	WKL	
ME-VR2	2018/19-1	Wet	11/22/2018 10:20:00 AM	12/12/2018 5:13:00 AM	Dimethoate	n/a	<	0.0062	µg/L	EPA 525.2m	0.0062	0.01	WKL	
ME-VR2	2018/19-1	Wet	11/22/2018 10:20:00 AM	12/15/2018 1:34:00 AM	Dinoseb	n/a	<	0.14	µg/L	EPA 515.3	0.14	0.4	WKL	
ME-VR2	2018/19-1	Wet	11/22/2018 10:20:00 AM	12/14/2018 3:23:00 AM	Diphenamid	n/a	<	0.024	µg/L	EPA 525.2	0.024	0.1	WKL	
ME-VR2	2018/19-1	Wet	11/22/2018 10:20:00 AM	12/12/2018 5:13:00 AM	Disulfoton	n/a	<	0.01	µg/L	EPA 525.2m	0.01	0.01	WKL	
ME-VR2	2018/19-1	Wet	11/22/2018 10:20:00 AM	12/14/2018 3:23:00 AM	Disulfoton	n/a	<	0.031	µg/L	EPA 525.2	0.031	0.1	WKL	
ME-VR2	2018/19-1	Wet	11/22/2018 10:20:00 AM	12/20/2018 12:09:00 AM	Endosulfan I	n/a	<	0.0085	µg/L	EPA 608	0.0085	0.1	WKL	
ME-VR2	2018/19-1	Wet	11/22/2018 10:20:00 AM	12/20/2018 12:09:00 AM	Endosulfan II	n/a	<	0.0095	µg/L	EPA 608	0.0095	0.05	WKL	
ME-VR2	2018/19-1	Wet	11/22/2018 10:20:00 AM	12/20/2018 12:09:00 AM	Endosulfan sulfate	n/a	<	0.04	µg/L	EPA 608	0.04	0.25	WKL	
ME-VR2	2018/19-1	Wet	11/22/2018 10:20:00 AM	12/20/2018 12:09:00 AM	Endrin	n/a	<	0.014	µg/L	EPA 608	0.014	0.05	WKL	
ME-VR2	2018/19-1	Wet	11/22/2018 10:20:00 AM	12/20/2018 12:09:00 AM	Endrin aldehyde	n/a	<	0.015	µg/L	EPA 608	0.015	0.05	WKL	
ME-VR2	2018/19-1	Wet	11/22/2018 10:20:00 AM	12/14/2018 3:23:00 AM	EPTC	n/a	<	0.017	µg/L	EPA 525.2	0.017	1	WKL	

Appendix G
Laboratory Environmental Analysis Results

Site ID	Event	Event Type	Sample Date	Analysis Date	Constituent	Fraction	Sign	Result	Units	Method	MDL	Reporting Limit	Analyzing Laboratory	Qualifier	
ME-VR2	2018/19-1	Wet	11/22/2018 10:20:00 AM	12/12/2018 5:13:00 AM	Ethoprop	n/a	<	0.0067	µg/L	EPA 525.2m	0.0067	0.01	WKL		
ME-VR2	2018/19-1	Wet	11/22/2018 10:20:00 AM	12/12/2018 5:13:00 AM	Ethyl parathion	n/a	<	0.0054	µg/L	EPA 525.2m	0.0054	0.01	WKL		
ME-VR2	2018/19-1	Wet	11/22/2018 10:20:00 AM	12/12/2018 5:13:00 AM	Fensulfothion	n/a	<	0.0029	µg/L	EPA 525.2m	0.0029	0.01	WKL		
ME-VR2	2018/19-1	Wet	11/22/2018 10:20:00 AM	12/12/2018 5:13:00 AM	Fenthion	n/a	<	0.0038	µg/L	EPA 525.2m	0.0038	0.01	WKL		
ME-VR2	2018/19-1	Wet	11/22/2018 10:20:00 AM	12/20/2018 12:09:00 AM	gamma-BHC (Lindane)	n/a	<	0.01	µg/L	EPA 608	0.01	0.1	WKL		
ME-VR2	2018/19-1	Wet	11/22/2018 10:20:00 AM	12/20/2018 12:09:00 AM	gamma-Chlordane	n/a	<	0.022	µg/L	EPA 608	0.022	0.05	WKL		
ME-VR2	2018/19-1	Wet	11/22/2018 10:20:00 AM	11/28/2018 11:07:00 PM	Glyphosate	n/a	<	1.8	µg/L	EPA 547	1.8	5	WKL		
ME-VR2	2018/19-1	Wet	11/22/2018 10:20:00 AM	12/20/2018 12:09:00 AM	Heptachlor	n/a	<	0.0085	µg/L	EPA 608	0.0085	0.05	WKL		
ME-VR2	2018/19-1	Wet	11/22/2018 10:20:00 AM	12/20/2018 12:09:00 AM	Heptachlor epoxide	n/a	<	0.0095	µg/L	EPA 608	0.0095	0.05	WKL		
ME-VR2	2018/19-1	Wet	11/22/2018 10:20:00 AM	12/12/2018 5:13:00 AM	Malathion	n/a	<	0.0076	µg/L	EPA 525.2m	0.0076	0.01	WKL		
ME-VR2	2018/19-1	Wet	11/22/2018 10:20:00 AM	12/12/2018 5:13:00 AM	Merphos	n/a	<	0.0058	µg/L	EPA 525.2m	0.0058	0.01	WKL		
ME-VR2	2018/19-1	Wet	11/22/2018 10:20:00 AM	12/20/2018 12:09:00 AM	Methoxychlor	n/a	<	0.027	µg/L	EPA 608	0.027	0.1	WKL		
ME-VR2	2018/19-1	Wet	11/22/2018 10:20:00 AM	12/12/2018 5:13:00 AM	Methyl parathion	n/a	<	0.0063	µg/L	EPA 525.2m	0.0063	0.01	WKL		
ME-VR2	2018/19-1	Wet	11/22/2018 10:20:00 AM	12/14/2018 3:23:00 AM	Metolachlor	n/a	<	0.012	µg/L	EPA 525.2	0.012	0.1	WKL		
ME-VR2	2018/19-1	Wet	11/22/2018 10:20:00 AM	12/14/2018 3:23:00 AM	Metribuzin	n/a	<	0.015	µg/L	EPA 525.2	0.015	0.1	WKL		
ME-VR2	2018/19-1	Wet	11/22/2018 10:20:00 AM	12/12/2018 5:13:00 AM	Mevinphos	n/a	<	0.0042	µg/L	EPA 525.2m	0.0042	0.01	WKL		
ME-VR2	2018/19-1	Wet	11/22/2018 10:20:00 AM	12/14/2018 3:23:00 AM	Molinate	n/a	<	0.039	µg/L	EPA 525.2	0.039	0.1	WKL		
ME-VR2	2018/19-1	Wet	11/22/2018 10:20:00 AM	12/12/2018 5:13:00 AM	Naled	n/a	<	0.0076	µg/L	EPA 525.2m	0.0076	0.01	WKL		
ME-VR2	2018/19-1	Wet	11/22/2018 10:20:00 AM	1/2/2019 6:24:00 PM	Pentachlorophenol	n/a	<	0.15	µg/L	EPA 8270C	0.15	1	WKL		
ME-VR2	2018/19-1	Wet	11/22/2018 10:20:00 AM	12/15/2018 1:34:00 AM	Pentachlorophenol	n/a	<	0.04	µg/L	EPA 515.3	0.04	0.2	WKL		
ME-VR2	2018/19-1	Wet	11/22/2018 10:20:00 AM	12/28/2018 9:42:00 PM	Pentachlorophenol	n/a	<	0.19	µg/L	EPA 625	0.19	1	WKL		
ME-VR2	2018/19-1	Wet	11/22/2018 10:20:00 AM	12/12/2018 5:13:00 AM	Phorate	n/a	<	0.003	µg/L	EPA 525.2m	0.003	0.01	WKL		
ME-VR2	2018/19-1	Wet	11/22/2018 10:20:00 AM	12/15/2018 1:34:00 AM	Picloram	n/a	<	0.05	µg/L	EPA 515.3	0.05	0.6	WKL		
ME-VR2	2018/19-1	Wet	11/22/2018 10:20:00 AM	12/14/2018 3:23:00 AM	Prometon	n/a	<	0.024	µg/L	EPA 525.2	0.024	0.2	WKL		
ME-VR2	2018/19-1	Wet	11/22/2018 10:20:00 AM	12/14/2018 3:23:00 AM	Prometryn	n/a	<	0.036	µg/L	EPA 525.2	0.036	0.1	WKL		
ME-VR2	2018/19-1	Wet	11/22/2018 10:20:00 AM	12/12/2018 5:13:00 AM	Ronnel (Fenchlorphos)	n/a	<	0.0041	µg/L	EPA 525.2m	0.0041	0.01	WKL		
ME-VR2	2018/19-1	Wet	11/22/2018 10:20:00 AM	12/14/2018 3:23:00 AM	Simazine	n/a	DNQ	0.059	µg/L	EPA 525.2	0.059	0.1	WKL		
ME-VR2	2018/19-1	Wet	11/22/2018 10:20:00 AM	12/12/2018 5:13:00 AM	Stirophos (Tetrachlorvinphos)	n/a	<	0.0031	µg/L	EPA 525.2m	0.0031	0.01	WKL		
ME-VR2	2018/19-1	Wet	11/22/2018 10:20:00 AM	12/14/2018 3:23:00 AM	Terbacil	n/a	<	0.55	µg/L	EPA 525.2	0.55	2	WKL		
ME-VR2	2018/19-1	Wet	11/22/2018 10:20:00 AM	12/14/2018 3:23:00 AM	Thiobencarb	n/a	DNQ	0.033	µg/L	EPA 525.2	0.033	0.025	2	WKL	
ME-VR2	2018/19-1	Wet	11/22/2018 10:20:00 AM	12/12/2018 5:13:00 AM	Tokuthion	n/a	<	0.0078	µg/L	EPA 525.2m	0.0078	0.01	WKL		
ME-VR2	2018/19-1	Wet	11/22/2018 10:20:00 AM	12/20/2018 12:09:00 AM	Toxaphene	n/a	<	0.6	µg/L	EPA 608	0.6	2.5	WKL		
ME-VR2	2018/19-1	Wet	11/22/2018 10:20:00 AM	12/12/2018 5:13:00 AM	Trichloronate	n/a	<	0.0067	µg/L	EPA 525.2m	0.0067	0.01	WKL		
ME-VR2	2018/19-1	Wet	11/22/2018 10:20:00 AM	12/14/2018 3:23:00 AM	Trithion	n/a	<	0.012	µg/L	EPA 525.2	0.012	0.1	WKL		
ME-VR2	2018/19-2	Wet	11/29/2018 2:05:00 AM	11/30/2018 4:25:00 AM	E. Coli	n/a	=	3873	MPN/100 mL	MMO-MUG	10	10	VCHCA		
ME-VR2	2018/19-2	Wet	11/29/2018 2:05:00 AM	11/30/2018 4:25:00 AM	Total Coliform	n/a	=	17329	MPN/100 mL	MMO-MUG	10	10	VCHCA		
ME-VR2	2018/19-2	Wet	11/29/2018 2:05:00 AM	11/29/2018 2:05:00 AM	Conductivity	n/a	=	1047	µmhos/cm	Field Meter	-88	1	Field Crew		
ME-VR2	2018/19-2	Wet	11/29/2018 2:05:00 AM	12/11/2018 8:10:00 PM	Cyanide	Total	<	0.0005	mg/L	ASTM D7511	0.0005	0.002	WKL		
ME-VR2	2018/19-2	Wet	11/29/2018 2:05:00 AM	11/29/2018 2:05:00 AM	DO	n/a	=	5.33	mg/L	Field Meter	-88	0.3	Field Crew		
ME-VR2	2018/19-2	Wet	11/29/2018 2:05:00 AM	11/29/2018 2:05:00 AM	DO	n/a	=	67.8	%	Field Meter	-88	0.1	Field Crew		
ME-VR2	2018/19-2	Wet	11/29/2018 2:05:00 AM	11/29/2018 2:05:00 AM	pH	n/a	=	7.45	pH Units	Field Meter	-88	0.01	Field Crew		
ME-VR2	2018/19-2	Wet	11/29/2018 2:05:00 AM	11/29/2018 2:05:00 AM	Salinity	n/a	=	600	mg/L	Field Meter	-88	100	Field Crew		
ME-VR2	2018/19-2	Wet	11/29/2018 2:05:00 AM	11/29/2018 2:05:00 AM	Specific Conductance	n/a	=	1272	µmhos/cm	Field Meter	-88	1	Field Crew		
ME-VR2	2018/19-2	Wet	11/29/2018 2:05:00 AM	11/29/2018 2:05:00 AM	Temperature	n/a	=	24.3	°C	Field Meter	-88	0.1	Field Crew		
ME-VR2	2018/19-2	Wet	11/29/2018 2:05:00 AM	12/1/2018 5:43:00 AM	Gasoline Range Organics	n/a	<	0.012	mg/L	LUFT GC/MS	0.012	0.1	WKL		
ME-VR2	2018/19-2	Wet	11/29/2018 2:05:00 AM	12/14/2018 4:48:00 PM	Oil and Grease	n/a	<	1.3	mg/L	EPA 1664A	1.3	5	WKL		
ME-VR2	2018/19-2	Wet	11/29/2018 2:05:00 AM	12/3/2018 4:40:00 PM	2-Chloroethyl vinyl ether	n/a	<	0.28	µg/L	EPA 624	0.28	1	WKL		
ME-VR2	2018/19-2	Wet	11/29/2018 2:05:00 AM	12/3/2018 4:40:00 PM	Methyl tert-butyl ether (MTBE)	n/a	<	0.25	µg/L	EPA 624	0.25	1	WKL		

Appendix G
Laboratory Environmental Analysis Results

Site ID	Event	Event Type	Sample Date	Analysis Date	Constituent	Fraction	Sign	Result	Units	Method	MDL	Reporting Limit	Analyzing Laboratory	Qualifier
ME-VR2	2018/19-2	Wet	11/29/2018 2:55:00 PM	12/4/2018	Chloride	n/a	=	78	mg/L	EPA 300.0	0.5	2.5	WKL	
ME-VR2	2018/19-2	Wet	11/29/2018 2:55:00 PM	12/4/2018	Fluoride	n/a	DNQ	0.36	mg/L	EPA 300.0	0.1	0.5	WKL	
ME-VR2	2018/19-2	Wet	11/29/2018 2:55:00 PM	12/2/2018 4:08:00 AM	Perchlorate	n/a	<	0.95	µg/L	EPA 314.0	0.95	2	WKL	
ME-VR2	2018/19-2	Wet	11/29/2018 2:55:00 PM	12/4/2018	Sulfate	Total	=	290	mg/L	EPA 300.0	0.5	2.5	WKL	
ME-VR2	2018/19-2	Wet	11/29/2018 2:55:00 PM	12/11/2018 12:58:00 PM	Calcium	Total	=	145	mg/L	EPA 200.7	0.016	0.1	WKL	
ME-VR2	2018/19-2	Wet	11/29/2018 2:55:00 PM	12/11/2018 12:58:00 PM	Magnesium	Total	=	37.8	mg/L	EPA 200.7	0.012	0.1	WKL	
ME-VR2	2018/19-2	Wet	11/29/2018 2:55:00 PM	12/11/2018 12:58:00 PM	Potassium	Total	=	6.1	mg/L	EPA 200.7	0.081	0.1	WKL	
ME-VR2	2018/19-2	Wet	11/29/2018 2:55:00 PM	12/11/2018 12:58:00 PM	Sodium	Total	=	76	mg/L	EPA 200.7	0.015	0.5	WKL	
ME-VR2	2018/19-2	Wet	11/29/2018 2:55:00 PM	12/6/2018 2:32:00 PM	Alkalinity as CaCO3	n/a	=	280	mg/L	SM 2320 B	0.56	2	WKL	
ME-VR2	2018/19-2	Wet	11/29/2018 2:55:00 PM	12/6/2018 2:13:00 PM	BOD	n/a	<	2	mg/L	SM 5210 B	2	2	WKL	
ME-VR2	2018/19-2	Wet	11/29/2018 2:55:00 PM	12/5/2018 4:19:00 PM	COD	n/a	=	6.3	mg/L	EPA 410.4	0.73	5	WKL	
ME-VR2	2018/19-2	Wet	11/29/2018 2:55:00 PM	12/20/2018 9:28:00 AM	Dissolved Inorganic Carbon	Dissolved	=	78	mg/L	SM 5310 B	0.016	0.5	WKL	
ME-VR2	2018/19-2	Wet	11/29/2018 2:55:00 PM	12/18/2018 1:32:00 PM	Dissolved Organic Carbon	Dissolved	=	4	mg/L	SM 5310 B	0.013	0.3	WKL	
ME-VR2	2018/19-2	Wet	11/29/2018 2:55:00 PM	12/11/2018 1:58:00 PM	Hardness as CaCO3	Total	=	518	mg/L	EPA 200.7	0.0894	0.662	WKL	
ME-VR2	2018/19-2	Wet	11/29/2018 2:55:00 PM	11/30/2018 7:22:00 PM	MBAS	n/a	=	0.055	mg/L	SM 5540 C	0.019	0.05	WKL	
ME-VR2	2018/19-2	Wet	11/29/2018 2:55:00 PM	12/14/2018 5:06:00 PM	Phenolics	n/a	<	0.0042	mg/L	EPA 420.4	0.0042	0.01	WKL	
ME-VR2	2018/19-2	Wet	11/29/2018 2:55:00 PM	12/19/2018 12:12:00 PM	Specific Conductance	n/a	=	1200	µmhos/cm	SM 2510 B	0.23	2	WKL	
ME-VR2	2018/19-2	Wet	11/29/2018 2:55:00 PM	12/1/2018 10:20:00 PM	Total Chlorine Residual	n/a	DNQ	0.044	mg/L	SM 4500-Cl G	0.0015	0.05	WKL	EST-HT
ME-VR2	2018/19-2	Wet	11/29/2018 2:55:00 PM	12/6/2018 5:33:00 PM	Total Dissolved Solids	n/a	=	800	mg/L	SM 2540 C	4	10	WKL	
ME-VR2	2018/19-2	Wet	11/29/2018 2:55:00 PM	12/10/2018 8:52:00 AM	Total Organic Carbon	n/a	=	3.5	mg/L	SM 5310 B	0.009	0.3	WKL	
ME-VR2	2018/19-2	Wet	11/29/2018 2:55:00 PM	12/3/2018 11:39:00 AM	Total Suspended Solids	n/a	=	51	mg/L	SM 2540 D	-88	5	WKL	
ME-VR2	2018/19-2	Wet	11/29/2018 2:55:00 PM	11/30/2018 5:37:00 PM	Turbidity	n/a	=	12	NTU	EPA 180.1	0.024	0.1	WKL	
ME-VR2	2018/19-2	Wet	11/29/2018 2:55:00 PM	12/3/2018 11:39:00 AM	Volatile Suspended Solids	n/a	=	10	mg/L	EPA 160.4	3.1	5	WKL	
ME-VR2	2018/19-2	Wet	11/29/2018 2:55:00 PM	12/18/2018 11:40:00 PM	Diesel Range Organics	n/a	DNQ	0.056	mg/L	EPA 8015D	0.024	0.1	WKL	UL-MB
ME-VR2	2018/19-2	Wet	11/29/2018 2:55:00 PM	12/18/2018 11:40:00 PM	Oil Range Organics	n/a	<	0.33	mg/L	EPA 8015D	0.33	0.5	WKL	
ME-VR2	2018/19-2	Wet	11/29/2018 2:55:00 PM	12/12/2018 12:31:00 PM	Aluminum	Dissolved	DNQ	4.4	µg/L	EPA 200.8	1.3	5	WKL	UL-MB
ME-VR2	2018/19-2	Wet	11/29/2018 2:55:00 PM	12/12/2018 12:36:00 PM	Aluminum	Total	=	250	µg/L	EPA 200.8	1.3	5	WKL	
ME-VR2	2018/19-2	Wet	11/29/2018 2:55:00 PM	12/12/2018 12:31:00 PM	Antimony	Dissolved	DNQ	0.096	µg/L	EPA 200.8	0.045	0.5	WKL	
ME-VR2	2018/19-2	Wet	11/29/2018 2:55:00 PM	12/12/2018 12:36:00 PM	Antimony	Total	DNQ	0.1	µg/L	EPA 200.8	0.045	0.5	WKL	
ME-VR2	2018/19-2	Wet	11/29/2018 2:55:00 PM	12/12/2018 12:31:00 PM	Arsenic	Dissolved	=	0.81	µg/L	EPA 200.8	0.074	0.4	WKL	
ME-VR2	2018/19-2	Wet	11/29/2018 2:55:00 PM	12/12/2018 12:36:00 PM	Arsenic	Total	=	0.98	µg/L	EPA 200.8	0.074	0.4	WKL	
ME-VR2	2018/19-2	Wet	11/29/2018 2:55:00 PM	12/12/2018 12:36:00 PM	Barium	Total	=	66	µg/L	EPA 200.8	0.071	0.5	WKL	
ME-VR2	2018/19-2	Wet	11/29/2018 2:55:00 PM	12/12/2018 12:31:00 PM	Beryllium	Dissolved	<	0.033	µg/L	EPA 200.8	0.033	0.1	WKL	
ME-VR2	2018/19-2	Wet	11/29/2018 2:55:00 PM	12/12/2018 12:36:00 PM	Beryllium	Total	<	0.033	µg/L	EPA 200.8	0.033	0.1	WKL	
ME-VR2	2018/19-2	Wet	11/29/2018 2:55:00 PM	12/12/2018 12:31:00 PM	Cadmium	Dissolved	DNQ	0.049	µg/L	EPA 200.8	0.041	0.1	WKL	
ME-VR2	2018/19-2	Wet	11/29/2018 2:55:00 PM	12/12/2018 12:36:00 PM	Cadmium	Total	DNQ	0.085	µg/L	EPA 200.8	0.041	0.1	WKL	
ME-VR2	2018/19-2	Wet	11/29/2018 2:55:00 PM	12/12/2018 12:31:00 PM	Chromium	Dissolved	<	0.035	µg/L	EPA 200.8	0.035	0.2	WKL	
ME-VR2	2018/19-2	Wet	11/29/2018 2:55:00 PM	12/12/2018 12:36:00 PM	Chromium	Total	=	0.43	µg/L	EPA 200.8	0.035	0.2	WKL	
ME-VR2	2018/19-2	Wet	11/29/2018 2:55:00 PM	12/4/2018 3:26:00 PM	Chromium VI	n/a	<	0.0048	µg/L	EPA 218.6	0.0048	0.02	WKL	
ME-VR2	2018/19-2	Wet	11/29/2018 2:55:00 PM	12/12/2018 12:31:00 PM	Copper	Dissolved	=	0.75	µg/L	EPA 200.8	0.13	0.5	WKL	
ME-VR2	2018/19-2	Wet	11/29/2018 2:55:00 PM	12/12/2018 12:36:00 PM	Copper	Total	=	1.2	µg/L	EPA 200.8	0.13	0.5	WKL	UL-MB
ME-VR2	2018/19-2	Wet	11/29/2018 2:55:00 PM	12/11/2018 12:20:00 PM	Iron	Dissolved	=	23	µg/L	EPA 200.7	1.1	10	WKL	
ME-VR2	2018/19-2	Wet	11/29/2018 2:55:00 PM	12/11/2018 12:58:00 PM	Iron	Total	=	510	µg/L	EPA 200.7	1.1	10	WKL	
ME-VR2	2018/19-2	Wet	11/29/2018 2:55:00 PM	12/12/2018 12:31:00 PM	Lead	Dissolved	<	0.031	µg/L	EPA 200.8	0.031	0.2	WKL	
ME-VR2	2018/19-2	Wet	11/29/2018 2:55:00 PM	12/12/2018 12:36:00 PM	Lead	Total	=	0.25	µg/L	EPA 200.8	0.031	0.2	WKL	
ME-VR2	2018/19-2	Wet	11/29/2018 2:55:00 PM	12/10/2018 2:04:00 PM	Mercury	Dissolved	<	17	ng/L	EPA 245.1	17	50	WKL	
ME-VR2	2018/19-2	Wet	11/29/2018 2:55:00 PM	12/10/2018 2:06:00 PM	Mercury	Total	<	17	ng/L	EPA 245.1	17	50	WKL	
ME-VR2	2018/19-2	Wet	11/29/2018 2:55:00 PM	12/12/2018 12:31:00 PM	Nickel	Dissolved	=	2	µg/L	EPA 200.8	0.045	0.8	WKL	

Appendix G
Laboratory Environmental Analysis Results

Site ID	Event	Event Type	Sample Date	Analysis Date	Constituent	Fraction	Sign	Result	Units	Method	MDL	Reporting Limit	Analyzing Laboratory	Qualifier
ME-VR2	2018/19-2	Wet	11/29/2018 2:55:00 PM	12/12/2018 12:36:00 PM	Nickel	Total	=	2.6	µg/L	EPA 200.8	0.045	0.8	WKL	
ME-VR2	2018/19-2	Wet	11/29/2018 2:55:00 PM	12/12/2018 12:31:00 PM	Selenium	Dissolved	=	0.91	µg/L	EPA 200.8	0.14	0.4	WKL	
ME-VR2	2018/19-2	Wet	11/29/2018 2:55:00 PM	12/12/2018 12:36:00 PM	Selenium	Total	=	0.9	µg/L	EPA 200.8	0.14	0.4	WKL	
ME-VR2	2018/19-2	Wet	11/29/2018 2:55:00 PM	12/12/2018 12:31:00 PM	Silver	Dissolved	<	0.062	µg/L	EPA 200.8	0.062	0.2	WKL	
ME-VR2	2018/19-2	Wet	11/29/2018 2:55:00 PM	12/12/2018 12:36:00 PM	Silver	Total	<	0.062	µg/L	EPA 200.8	0.062	0.2	WKL	
ME-VR2	2018/19-2	Wet	11/29/2018 2:55:00 PM	12/12/2018 12:31:00 PM	Thallium	Dissolved	<	0.014	µg/L	EPA 200.8	0.014	0.2	WKL	
ME-VR2	2018/19-2	Wet	11/29/2018 2:55:00 PM	12/12/2018 12:36:00 PM	Thallium	Total	<	0.014	µg/L	EPA 200.8	0.014	0.2	WKL	
ME-VR2	2018/19-2	Wet	11/29/2018 2:55:00 PM	12/12/2018 12:31:00 PM	Zinc	Dissolved	DNQ	1.3	µg/L	EPA 200.8	0.94	5	WKL	UL-MB
ME-VR2	2018/19-2	Wet	11/29/2018 2:55:00 PM	12/12/2018 12:36:00 PM	Zinc	Total	DNQ	3	µg/L	EPA 200.8	0.94	5	WKL	UL-MB
ME-VR2	2018/19-2	Wet	11/29/2018 2:55:00 PM	12/11/2018 3:32:00 PM	Ammonia as N	n/a	<	0.048	mg/L	EPA 350.1	0.048	0.1	WKL	
ME-VR2	2018/19-2	Wet	11/29/2018 2:55:00 PM	12/21/2018 11:00:00 AM	Nitrate + Nitrite as N	n/a	=	0.23	mg/L	EPA 353.2	0.083	0.2	WKL	
ME-VR2	2018/19-2	Wet	11/29/2018 2:55:00 PM	1/17/2019 4:43:00 PM	Phosphorus as P	Dissolved	=	0.067	mg/L	EPA 200.7	0.012	0.02	WKL	
ME-VR2	2018/19-2	Wet	11/29/2018 2:55:00 PM	1/17/2019 4:46:00 PM	Phosphorus as P	Total	=	0.1	mg/L	EPA 200.7	0.012	0.02	WKL	
ME-VR2	2018/19-2	Wet	11/29/2018 2:55:00 PM	12/21/2018 10:50:00 AM	TKN	n/a	=	0.14	mg/L	EPA 351.2	0.05	0.1	WKL	
ME-VR2	2018/19-2	Wet	11/29/2018 2:55:00 PM	1/7/2019 1:43:00 AM	1,2,4-Trichlorobenzene	n/a	<	0.55	µg/L	EPA 625	0.55	1	WKL	
ME-VR2	2018/19-2	Wet	11/29/2018 2:55:00 PM	1/7/2019 1:43:00 AM	1,2-Dichlorobenzene	n/a	<	0.57	µg/L	EPA 625	0.57	1	WKL	
ME-VR2	2018/19-2	Wet	11/29/2018 2:55:00 PM	1/7/2019 1:43:00 AM	1,2-Diphenylhydrazine	n/a	<	0.25	µg/L	EPA 625	0.25	1	WKL	
ME-VR2	2018/19-2	Wet	11/29/2018 2:55:00 PM	1/7/2019 1:43:00 AM	1,3-Dichlorobenzene	n/a	<	0.53	µg/L	EPA 625	0.53	1	WKL	
ME-VR2	2018/19-2	Wet	11/29/2018 2:55:00 PM	1/7/2019 1:43:00 AM	1,4-Dichlorobenzene	n/a	<	0.55	µg/L	EPA 625	0.55	1	WKL	
ME-VR2	2018/19-2	Wet	11/29/2018 2:55:00 PM	1/11/2019 9:29:00 PM	1-Methylnaphthalene	n/a	<	0.1	µg/L	EPA 8270C	0.1	0.1	WKL	
ME-VR2	2018/19-2	Wet	11/29/2018 2:55:00 PM	1/11/2019 2:25:00 AM	2,4,5-Trichlorophenol	n/a	<	0.29	µg/L	EPA 8270C	0.29	1	WKL	
ME-VR2	2018/19-2	Wet	11/29/2018 2:55:00 PM	1/7/2019 1:43:00 AM	2,4,6-Trichlorophenol	n/a	<	0.22	µg/L	EPA 625	0.22	1	WKL	
ME-VR2	2018/19-2	Wet	11/29/2018 2:55:00 PM	1/11/2019 2:25:00 AM	2,4,6-Trichlorophenol	n/a	<	0.3	µg/L	EPA 8270C	0.3	1	WKL	
ME-VR2	2018/19-2	Wet	11/29/2018 2:55:00 PM	1/11/2019 2:25:00 AM	2,4-Dichlorophenol	n/a	<	0.51	µg/L	EPA 8270C	0.51	1	WKL	
ME-VR2	2018/19-2	Wet	11/29/2018 2:55:00 PM	1/7/2019 1:43:00 AM	2,4-Dichlorophenol	n/a	<	0.26	µg/L	EPA 625	0.26	1	WKL	
ME-VR2	2018/19-2	Wet	11/29/2018 2:55:00 PM	1/11/2019 2:25:00 AM	2,4-Dimethylphenol	n/a	<	1	µg/L	EPA 8270C	1	2	WKL	
ME-VR2	2018/19-2	Wet	11/29/2018 2:55:00 PM	1/7/2019 1:43:00 AM	2,4-Dimethylphenol	n/a	<	0.3	µg/L	EPA 625	0.3	1	WKL	
ME-VR2	2018/19-2	Wet	11/29/2018 2:55:00 PM	1/11/2019 2:25:00 AM	2,4-Dinitrophenol	n/a	<	1	µg/L	EPA 8270C	1	2	WKL	
ME-VR2	2018/19-2	Wet	11/29/2018 2:55:00 PM	1/7/2019 1:43:00 AM	2,4-Dinitrophenol	n/a	<	1.6	µg/L	EPA 625	1.6	10	WKL	
ME-VR2	2018/19-2	Wet	11/29/2018 2:55:00 PM	1/7/2019 1:43:00 AM	2,4-Dinitrotoluene	n/a	<	0.18	µg/L	EPA 625	0.18	1	WKL	
ME-VR2	2018/19-2	Wet	11/29/2018 2:55:00 PM	1/7/2019 1:43:00 AM	2,6-Dinitrotoluene	n/a	<	0.27	µg/L	EPA 625	0.27	1	WKL	
ME-VR2	2018/19-2	Wet	11/29/2018 2:55:00 PM	1/7/2019 1:43:00 AM	2-Chloronaphthalene	n/a	<	0.45	µg/L	EPA 625	0.45	1	WKL	
ME-VR2	2018/19-2	Wet	11/29/2018 2:55:00 PM	1/7/2019 1:43:00 AM	2-Chlorophenol	n/a	<	0.28	µg/L	EPA 625	0.28	1	WKL	
ME-VR2	2018/19-2	Wet	11/29/2018 2:55:00 PM	1/11/2019 2:25:00 AM	2-Chlorophenol	n/a	<	0.65	µg/L	EPA 8270C	0.65	1	WKL	
ME-VR2	2018/19-2	Wet	11/29/2018 2:55:00 PM	1/11/2019 9:29:00 PM	2-Methylnaphthalene	n/a	<	0.1	µg/L	EPA 8270C	0.1	0.1	WKL	
ME-VR2	2018/19-2	Wet	11/29/2018 2:55:00 PM	1/11/2019 2:25:00 AM	2-Methylphenol	n/a	<	0.34	µg/L	EPA 8270C	0.34	1	WKL	
ME-VR2	2018/19-2	Wet	11/29/2018 2:55:00 PM	1/11/2019 2:25:00 AM	2-Nitrophenol	n/a	<	0.71	µg/L	EPA 8270C	0.71	1	WKL	
ME-VR2	2018/19-2	Wet	11/29/2018 2:55:00 PM	1/7/2019 1:43:00 AM	2-Nitrophenol	n/a	<	0.26	µg/L	EPA 625	0.26	1	WKL	
ME-VR2	2018/19-2	Wet	11/29/2018 2:55:00 PM	1/7/2019 1:43:00 AM	3,3'-Dichlorobenzidine	n/a	<	1.2	µg/L	EPA 625	1.2	5	WKL	
ME-VR2	2018/19-2	Wet	11/29/2018 2:55:00 PM	1/11/2019 2:25:00 AM	3-/4-Methylphenol	n/a	<	0.3	µg/L	EPA 8270C	0.3	1	WKL	
ME-VR2	2018/19-2	Wet	11/29/2018 2:55:00 PM	1/11/2019 2:25:00 AM	4,6-Dinitro-2-methylphenol	n/a	<	0.14	µg/L	EPA 8270C	0.14	1	WKL	
ME-VR2	2018/19-2	Wet	11/29/2018 2:55:00 PM	1/7/2019 1:43:00 AM	4,6-Dinitro-2-methylphenol	n/a	<	1.7	µg/L	EPA 625	1.7	5	WKL	
ME-VR2	2018/19-2	Wet	11/29/2018 2:55:00 PM	1/7/2019 1:43:00 AM	4-Bromophenyl phenyl ether	n/a	<	0.36	µg/L	EPA 625	0.36	1	WKL	
ME-VR2	2018/19-2	Wet	11/29/2018 2:55:00 PM	1/11/2019 2:25:00 AM	4-Chloro-3-methylphenol	n/a	<	0.37	µg/L	EPA 8270C	0.37	1	WKL	
ME-VR2	2018/19-2	Wet	11/29/2018 2:55:00 PM	1/7/2019 1:43:00 AM	4-Chloro-3-methylphenol	n/a	<	0.23	µg/L	EPA 625	0.23	1	WKL	
ME-VR2	2018/19-2	Wet	11/29/2018 2:55:00 PM	1/7/2019 1:43:00 AM	4-Chlorophenyl phenyl ether	n/a	<	0.41	µg/L	EPA 625	0.41	1	WKL	
ME-VR2	2018/19-2	Wet	11/29/2018 2:55:00 PM	1/11/2019 2:25:00 AM	4-Nitrophenol	n/a	<	1	µg/L	EPA 8270C	1	2	WKL	
ME-VR2	2018/19-2	Wet	11/29/2018 2:55:00 PM	1/7/2019 1:43:00 AM	4-Nitrophenol	n/a	<	0.45	µg/L	EPA 625	0.45	5	WKL	

Appendix G
Laboratory Environmental Analysis Results

Site ID	Event	Event Type	Sample Date	Analysis Date	Constituent	Fraction	Sign	Result	Units	Method	MDL	Reporting Limit	Analyzing Laboratory	Qualifier
ME-VR2	2018/19-2	Wet	11/29/2018 2:55:00 PM	1/7/2019 1:43:00 AM	Acenaphthene	n/a	<	0.38	µg/L	EPA 625	0.38	1	WKL	
ME-VR2	2018/19-2	Wet	11/29/2018 2:55:00 PM	1/11/2019 9:29:00 PM	Acenaphthene	n/a	<	0.1	µg/L	EPA 8270C	0.1	0.1	WKL	
ME-VR2	2018/19-2	Wet	11/29/2018 2:55:00 PM	1/7/2019 1:43:00 AM	Acenaphthylene	n/a	<	0.4	µg/L	EPA 625	0.4	1	WKL	
ME-VR2	2018/19-2	Wet	11/29/2018 2:55:00 PM	1/11/2019 9:29:00 PM	Acenaphthylene	n/a	<	0.1	µg/L	EPA 8270C	0.1	0.1	WKL	
ME-VR2	2018/19-2	Wet	11/29/2018 2:55:00 PM	1/7/2019 1:43:00 AM	Anthracene	n/a	<	0.34	µg/L	EPA 625	0.34	1	WKL	
ME-VR2	2018/19-2	Wet	11/29/2018 2:55:00 PM	1/11/2019 9:29:00 PM	Anthracene	n/a	<	0.1	µg/L	EPA 8270C	0.1	0.1	WKL	
ME-VR2	2018/19-2	Wet	11/29/2018 2:55:00 PM	1/7/2019 1:43:00 AM	Benz(a)anthracene	n/a	<	0.19	µg/L	EPA 625	0.19	1	WKL	
ME-VR2	2018/19-2	Wet	11/29/2018 2:55:00 PM	1/11/2019 9:29:00 PM	Benz(a)anthracene	n/a	<	0.1	µg/L	EPA 8270C	0.1	0.1	WKL	
ME-VR2	2018/19-2	Wet	11/29/2018 2:55:00 PM	1/7/2019 1:43:00 AM	Benzenidine	n/a	<	3.7	µg/L	EPA 625	3.7	10	WKL	
ME-VR2	2018/19-2	Wet	11/29/2018 2:55:00 PM	1/7/2019 1:43:00 AM	Benzo(a)pyrene	n/a	<	0.13	µg/L	EPA 625	0.13	1	WKL	
ME-VR2	2018/19-2	Wet	11/29/2018 2:55:00 PM	1/11/2019 9:29:00 PM	Benzo(a)pyrene	n/a	<	0.1	µg/L	EPA 8270C	0.1	0.1	WKL	
ME-VR2	2018/19-2	Wet	11/29/2018 2:55:00 PM	12/14/2018 8:15:00 PM	Benzo(a)pyrene	n/a	<	0.07	µg/L	EPA 525.2	0.07	0.1	WKL	
ME-VR2	2018/19-2	Wet	11/29/2018 2:55:00 PM	1/7/2019 1:43:00 AM	Benzo(b)fluoranthene	n/a	<	0.14	µg/L	EPA 625	0.14	1	WKL	
ME-VR2	2018/19-2	Wet	11/29/2018 2:55:00 PM	1/11/2019 9:29:00 PM	Benzo(b)fluoranthene	n/a	<	0.1	µg/L	EPA 8270C	0.1	0.1	WKL	
ME-VR2	2018/19-2	Wet	11/29/2018 2:55:00 PM	1/7/2019 1:43:00 AM	Benzo(g,h,i)perylene	n/a	<	0.1	µg/L	EPA 625	0.1	2	WKL	
ME-VR2	2018/19-2	Wet	11/29/2018 2:55:00 PM	1/11/2019 9:29:00 PM	Benzo(g,h,i)perylene	n/a	<	0.1	µg/L	EPA 8270C	0.1	0.1	WKL	
ME-VR2	2018/19-2	Wet	11/29/2018 2:55:00 PM	1/7/2019 1:43:00 AM	Benzo(k)fluoranthene	n/a	<	0.22	µg/L	EPA 625	0.22	1	WKL	
ME-VR2	2018/19-2	Wet	11/29/2018 2:55:00 PM	1/11/2019 9:29:00 PM	Benzo(k)fluoranthene	n/a	<	0.1	µg/L	EPA 8270C	0.1	0.1	WKL	
ME-VR2	2018/19-2	Wet	11/29/2018 2:55:00 PM	1/7/2019 1:43:00 AM	Bis(2-chloroethoxy)methane	n/a	<	0.25	µg/L	EPA 625	0.25	1	WKL	
ME-VR2	2018/19-2	Wet	11/29/2018 2:55:00 PM	1/7/2019 1:43:00 AM	Bis(2-chloroethyl)ether	n/a	<	0.27	µg/L	EPA 625	0.27	1	WKL	
ME-VR2	2018/19-2	Wet	11/29/2018 2:55:00 PM	1/7/2019 1:43:00 AM	Bis(2-chloroisopropyl)ether	n/a	<	0.38	µg/L	EPA 625	0.38	1	WKL	
ME-VR2	2018/19-2	Wet	11/29/2018 2:55:00 PM	12/14/2018 8:15:00 PM	Bis(2-ethylhexyl)adipate	n/a	<	0.1	µg/L	EPA 525.2	0.1	5	WKL	
ME-VR2	2018/19-2	Wet	11/29/2018 2:55:00 PM	12/14/2018 8:15:00 PM	Bis(2-ethylhexyl)phthalate	n/a	<	1.1	µg/L	EPA 525.2	1.1	3	WKL	
ME-VR2	2018/19-2	Wet	11/29/2018 2:55:00 PM	1/7/2019 1:43:00 AM	Bis(2-ethylhexyl)phthalate	n/a	<	2.3	µg/L	EPA 625	2.3	5	WKL	
ME-VR2	2018/19-2	Wet	11/29/2018 2:55:00 PM	1/7/2019 1:43:00 AM	Butyl benzyl phthalate	n/a	DNQ	0.2	µg/L	EPA 625	0.18	1	WKL	UL-MB
ME-VR2	2018/19-2	Wet	11/29/2018 2:55:00 PM	1/7/2019 1:43:00 AM	Chrysene	n/a	<	0.19	µg/L	EPA 625	0.19	1	WKL	
ME-VR2	2018/19-2	Wet	11/29/2018 2:55:00 PM	1/11/2019 9:29:00 PM	Chrysene	n/a	<	0.1	µg/L	EPA 8270C	0.1	0.1	WKL	
ME-VR2	2018/19-2	Wet	11/29/2018 2:55:00 PM	1/7/2019 1:43:00 AM	Dibenz(a,h)anthracene	n/a	<	0.08	µg/L	EPA 625	0.08	2	WKL	
ME-VR2	2018/19-2	Wet	11/29/2018 2:55:00 PM	1/11/2019 9:29:00 PM	Dibenz(a,h)anthracene	n/a	<	0.1	µg/L	EPA 8270C	0.1	0.1	WKL	
ME-VR2	2018/19-2	Wet	11/29/2018 2:55:00 PM	1/7/2019 1:43:00 AM	Diethyl phthalate	n/a	DNQ	0.45	µg/L	EPA 625	0.15	1	WKL	
ME-VR2	2018/19-2	Wet	11/29/2018 2:55:00 PM	1/7/2019 1:43:00 AM	Dimethyl phthalate	n/a	<	0.18	µg/L	EPA 625	0.18	1	WKL	
ME-VR2	2018/19-2	Wet	11/29/2018 2:55:00 PM	1/7/2019 1:43:00 AM	Di-n-butylphthalate	n/a	<	0.24	µg/L	EPA 625	0.24	1	WKL	
ME-VR2	2018/19-2	Wet	11/29/2018 2:55:00 PM	1/7/2019 1:43:00 AM	Di-n-octylphthalate	n/a	<	0.19	µg/L	EPA 625	0.19	1	WKL	
ME-VR2	2018/19-2	Wet	11/29/2018 2:55:00 PM	1/7/2019 1:43:00 AM	Fluoranthene	n/a	<	0.22	µg/L	EPA 625	0.22	1	WKL	
ME-VR2	2018/19-2	Wet	11/29/2018 2:55:00 PM	1/11/2019 9:29:00 PM	Fluoranthene	n/a	<	0.1	µg/L	EPA 8270C	0.1	0.1	WKL	
ME-VR2	2018/19-2	Wet	11/29/2018 2:55:00 PM	1/7/2019 1:43:00 AM	Fluorene	n/a	<	0.35	µg/L	EPA 625	0.35	1	WKL	
ME-VR2	2018/19-2	Wet	11/29/2018 2:55:00 PM	1/11/2019 9:29:00 PM	Fluorene	n/a	<	0.1	µg/L	EPA 8270C	0.1	0.1	WKL	
ME-VR2	2018/19-2	Wet	11/29/2018 2:55:00 PM	1/7/2019 1:43:00 AM	Hexachlorobenzene	n/a	<	0.49	µg/L	EPA 625	0.49	1	WKL	
ME-VR2	2018/19-2	Wet	11/29/2018 2:55:00 PM	1/7/2019 1:43:00 AM	Hexachlorobutadiene	n/a	<	0.47	µg/L	EPA 625	0.47	1	WKL	
ME-VR2	2018/19-2	Wet	11/29/2018 2:55:00 PM	1/7/2019 1:43:00 AM	Hexachlorocyclopentadiene	n/a	<	1.5	µg/L	EPA 625	1.5	5	WKL	
ME-VR2	2018/19-2	Wet	11/29/2018 2:55:00 PM	1/7/2019 1:43:00 AM	Hexachloroethane	n/a	<	0.52	µg/L	EPA 625	0.52	1	WKL	
ME-VR2	2018/19-2	Wet	11/29/2018 2:55:00 PM	1/7/2019 1:43:00 AM	Indeno(1,2,3-cd)pyrene	n/a	<	0.12	µg/L	EPA 625	0.12	2	WKL	
ME-VR2	2018/19-2	Wet	11/29/2018 2:55:00 PM	1/11/2019 9:29:00 PM	Indeno(1,2,3-cd)pyrene	n/a	<	0.1	µg/L	EPA 8270C	0.1	0.1	WKL	
ME-VR2	2018/19-2	Wet	11/29/2018 2:55:00 PM	1/7/2019 1:43:00 AM	Isophorone	n/a	<	0.21	µg/L	EPA 625	0.21	1	WKL	
ME-VR2	2018/19-2	Wet	11/29/2018 2:55:00 PM	1/7/2019 1:43:00 AM	Naphthalene	n/a	<	0.49	µg/L	EPA 625	0.49	1	WKL	
ME-VR2	2018/19-2	Wet	11/29/2018 2:55:00 PM	1/11/2019 9:29:00 PM	Naphthalene	n/a	<	0.1	µg/L	EPA 8270C	0.1	0.1	WKL	
ME-VR2	2018/19-2	Wet	11/29/2018 2:55:00 PM	1/7/2019 1:43:00 AM	Nitrobenzene	n/a	<	0.36	µg/L	EPA 625	0.36	1	WKL	
ME-VR2	2018/19-2	Wet	11/29/2018 2:55:00 PM	1/7/2019 1:43:00 AM	N-Nitrosodimethylamine	n/a	<	0.14	µg/L	EPA 625	0.14	1	WKL	

Appendix G
Laboratory Environmental Analysis Results

Site ID	Event	Event Type	Sample Date	Analysis Date	Constituent	Fraction	Sign	Result	Units	Method	MDL	Reporting Limit	Analyzing Laboratory	Qualifier
ME-VR2	2018/19-2	Wet	11/29/2018 2:55:00 PM	1/7/2019 1:43:00 AM	N-Nitrosodi-N-propylamine	n/a	<	0.26	µg/L	EPA 625	0.26	1	WKL	
ME-VR2	2018/19-2	Wet	11/29/2018 2:55:00 PM	1/7/2019 1:43:00 AM	N-Nitrosodiphenylamine	n/a	<	0.19	µg/L	EPA 625	0.19	1	WKL	
ME-VR2	2018/19-2	Wet	11/29/2018 2:55:00 PM	1/7/2019 1:43:00 AM	Phenanthrene	n/a	<	0.32	µg/L	EPA 625	0.32	1	WKL	
ME-VR2	2018/19-2	Wet	11/29/2018 2:55:00 PM	1/11/2019 9:29:00 PM	Phenanthrene	n/a	<	0.1	µg/L	EPA 8270C	0.1	0.1	WKL	
ME-VR2	2018/19-2	Wet	11/29/2018 2:55:00 PM	1/7/2019 1:43:00 AM	Phenol	n/a	<	0.16	µg/L	EPA 625	0.16	1	WKL	
ME-VR2	2018/19-2	Wet	11/29/2018 2:55:00 PM	1/11/2019 2:25:00 AM	Phenol	n/a	<	0.35	µg/L	EPA 8270C	0.35	1	WKL	
ME-VR2	2018/19-2	Wet	11/29/2018 2:55:00 PM	1/7/2019 1:43:00 AM	Pyrene	n/a	<	0.25	µg/L	EPA 625	0.25	1	WKL	
ME-VR2	2018/19-2	Wet	11/29/2018 2:55:00 PM	1/11/2019 9:29:00 PM	Pyrene	n/a	<	0.1	µg/L	EPA 8270C	0.1	0.1	WKL	
ME-VR2	2018/19-2	Wet	11/29/2018 2:55:00 PM	1/12/2019 7:27:00 AM	PCB Aroclor 1016	n/a	<	0.05	µg/L	EPA 608	0.05	0.5	WKL	
ME-VR2	2018/19-2	Wet	11/29/2018 2:55:00 PM	1/12/2019 7:27:00 AM	PCB Aroclor 1221	n/a	<	0.06	µg/L	EPA 608	0.06	0.5	WKL	
ME-VR2	2018/19-2	Wet	11/29/2018 2:55:00 PM	1/12/2019 7:27:00 AM	PCB Aroclor 1232	n/a	<	0.15	µg/L	EPA 608	0.15	0.5	WKL	
ME-VR2	2018/19-2	Wet	11/29/2018 2:55:00 PM	1/12/2019 7:27:00 AM	PCB Aroclor 1242	n/a	<	0.07	µg/L	EPA 608	0.07	0.5	WKL	
ME-VR2	2018/19-2	Wet	11/29/2018 2:55:00 PM	1/12/2019 7:27:00 AM	PCB Aroclor 1248	n/a	<	0.06	µg/L	EPA 608	0.06	0.5	WKL	
ME-VR2	2018/19-2	Wet	11/29/2018 2:55:00 PM	1/12/2019 7:27:00 AM	PCB Aroclor 1254	n/a	<	0.04	µg/L	EPA 608	0.04	0.5	WKL	
ME-VR2	2018/19-2	Wet	11/29/2018 2:55:00 PM	1/12/2019 7:27:00 AM	PCB Aroclor 1260	n/a	<	0.04	µg/L	EPA 608	0.04	0.5	WKL	
ME-VR2	2018/19-2	Wet	11/29/2018 2:55:00 PM	12/27/2018 6:57:00 PM	2,4,5-T	n/a	<	0.07	µg/L	EPA 515.3	0.07	0.2	WKL	
ME-VR2	2018/19-2	Wet	11/29/2018 2:55:00 PM	12/27/2018 6:57:00 PM	2,4,5-TP	n/a	<	0.09	µg/L	EPA 515.3	0.09	0.2	WKL	
ME-VR2	2018/19-2	Wet	11/29/2018 2:55:00 PM	12/27/2018 6:57:00 PM	2,4-D	n/a	<	0.07	µg/L	EPA 515.3	0.07	0.4	WKL	
ME-VR2	2018/19-2	Wet	11/29/2018 2:55:00 PM	12/27/2018 6:57:00 PM	2,4-DB	n/a	DNQ	0.093	µg/L	EPA 515.3	0.07	2	WKL	
ME-VR2	2018/19-2	Wet	11/29/2018 2:55:00 PM	12/27/2018 6:57:00 PM	3,5-Dichlorobenzoic acid	n/a	<	0.09	µg/L	EPA 515.3	0.09	1	WKL	
ME-VR2	2018/19-2	Wet	11/29/2018 2:55:00 PM	1/12/2019 7:27:00 AM	4,4'-DDD	n/a	<	0.003	µg/L	EPA 608	0.003	0.05	WKL	
ME-VR2	2018/19-2	Wet	11/29/2018 2:55:00 PM	1/12/2019 7:27:00 AM	4,4'-DDE	n/a	<	0.0025	µg/L	EPA 608	0.0025	0.05	WKL	
ME-VR2	2018/19-2	Wet	11/29/2018 2:55:00 PM	1/12/2019 7:27:00 AM	4,4'-DDT	n/a	<	0.0031	µg/L	EPA 608	0.0031	0.01	WKL	
ME-VR2	2018/19-2	Wet	11/29/2018 2:55:00 PM	12/27/2018 6:57:00 PM	Acifluorfen	n/a	<	0.06	µg/L	EPA 515.3	0.06	0.4	WKL	
ME-VR2	2018/19-2	Wet	11/29/2018 2:55:00 PM	12/14/2018 8:15:00 PM	Alachlor	n/a	<	0.022	µg/L	EPA 525.2	0.022	0.1	WKL	
ME-VR2	2018/19-2	Wet	11/29/2018 2:55:00 PM	1/12/2019 7:27:00 AM	Aldrin	n/a	<	0.0015	µg/L	EPA 608	0.0015	0.005	WKL	
ME-VR2	2018/19-2	Wet	11/29/2018 2:55:00 PM	1/12/2019 7:27:00 AM	alpha-BHC	n/a	<	0.0018	µg/L	EPA 608	0.0018	0.01	WKL	
ME-VR2	2018/19-2	Wet	11/29/2018 2:55:00 PM	1/12/2019 7:27:00 AM	alpha-Chlordane	n/a	<	0.0041	µg/L	EPA 608	0.0041	0.01	WKL	
ME-VR2	2018/19-2	Wet	11/29/2018 2:55:00 PM	12/14/2018 8:15:00 PM	Atrazine	n/a	<	0.034	µg/L	EPA 525.2	0.034	0.1	WKL	
ME-VR2	2018/19-2	Wet	11/29/2018 2:55:00 PM	12/19/2018 7:17:00 PM	Azinphos methyl	n/a	<	0.0055	µg/L	EPA 525.2m	0.0055	0.01	WKL	
ME-VR2	2018/19-2	Wet	11/29/2018 2:55:00 PM	12/27/2018 6:57:00 PM	Bentazon	n/a	<	0.11	µg/L	EPA 515.3	0.11	2	WKL	
ME-VR2	2018/19-2	Wet	11/29/2018 2:55:00 PM	1/12/2019 7:27:00 AM	beta-BHC	n/a	<	0.0031	µg/L	EPA 608	0.0031	0.005	WKL	
ME-VR2	2018/19-2	Wet	11/29/2018 2:55:00 PM	12/19/2018 7:17:00 PM	Bolstar	n/a	<	0.0046	µg/L	EPA 525.2m	0.0046	0.01	WKL	
ME-VR2	2018/19-2	Wet	11/29/2018 2:55:00 PM	12/14/2018 8:15:00 PM	Bromacil	n/a	<	0.038	µg/L	EPA 525.2	0.038	1	WKL	
ME-VR2	2018/19-2	Wet	11/29/2018 2:55:00 PM	12/14/2018 8:15:00 PM	Butachlor	n/a	<	0.017	µg/L	EPA 525.2	0.017	0.2	WKL	
ME-VR2	2018/19-2	Wet	11/29/2018 2:55:00 PM	12/14/2018 8:15:00 PM	Captan	n/a	<	0.86	µg/L	EPA 525.2	0.86	1	WKL	
ME-VR2	2018/19-2	Wet	11/29/2018 2:55:00 PM	1/12/2019 7:27:00 AM	Chlordane (technical)	n/a	<	0.08	µg/L	EPA 608	0.08	0.1	WKL	
ME-VR2	2018/19-2	Wet	11/29/2018 2:55:00 PM	12/14/2018 8:15:00 PM	Chloroprotham	n/a	<	0.01	µg/L	EPA 525.2	0.01	0.1	WKL	
ME-VR2	2018/19-2	Wet	11/29/2018 2:55:00 PM	12/19/2018 7:17:00 PM	Chlorpyrifos	n/a	<	0.0069	µg/L	EPA 525.2m	0.0069	0.01	WKL	
ME-VR2	2018/19-2	Wet	11/29/2018 2:55:00 PM	12/19/2018 7:17:00 PM	Coumaphos	n/a	<	0.0051	µg/L	EPA 525.2m	0.0051	0.01	WKL	
ME-VR2	2018/19-2	Wet	11/29/2018 2:55:00 PM	12/14/2018 8:15:00 PM	Cyanazine	n/a	<	0.024	µg/L	EPA 525.2	0.024	0.1	WKL	
ME-VR2	2018/19-2	Wet	11/29/2018 2:55:00 PM	12/27/2018 6:57:00 PM	Dalapon	n/a	<	0.1	µg/L	EPA 515.3	0.1	0.4	WKL	
ME-VR2	2018/19-2	Wet	11/29/2018 2:55:00 PM	12/27/2018 6:57:00 PM	DCPA (Dacthal)	n/a	<	0.07	µg/L	EPA 515.3	0.07	0.1	WKL	
ME-VR2	2018/19-2	Wet	11/29/2018 2:55:00 PM	1/12/2019 7:27:00 AM	delta-BHC	n/a	<	0.0025	µg/L	EPA 608	0.0025	0.005	WKL	
ME-VR2	2018/19-2	Wet	11/29/2018 2:55:00 PM	12/19/2018 7:17:00 PM	Demeton-O	n/a	<	0.01	µg/L	EPA 525.2m	0.01	0.01	WKL	
ME-VR2	2018/19-2	Wet	11/29/2018 2:55:00 PM	12/19/2018 7:17:00 PM	Demeton-S	n/a	<	0.01	µg/L	EPA 525.2m	0.01	0.01	WKL	
ME-VR2	2018/19-2	Wet	11/29/2018 2:55:00 PM	12/14/2018 8:15:00 PM	Diazinon	n/a	<	0.096	µg/L	EPA 525.2	0.096	0.1	WKL	
ME-VR2	2018/19-2	Wet	11/29/2018 2:55:00 PM	12/19/2018 7:17:00 PM	Diazinon	n/a	<	0.0052	µg/L	EPA 525.2m	0.0052	0.01	WKL	

Appendix G
Laboratory Environmental Analysis Results

Site ID	Event	Event Type	Sample Date	Analysis Date	Constituent	Fraction	Sign	Result	Units	Method	MDL	Reporting Limit	Analyzing Laboratory	Qualifier
ME-VR2	2018/19-2	Wet	11/29/2018 2:55:00 PM	12/27/2018 6:57:00 PM	Dicamba	n/a	<	0.12	µg/L	EPA 515.3	0.12	0.6	WKL	
ME-VR2	2018/19-2	Wet	11/29/2018 2:55:00 PM	12/27/2018 6:57:00 PM	Dichlorprop	n/a	<	0.08	µg/L	EPA 515.3	0.08	0.3	WKL	
ME-VR2	2018/19-2	Wet	11/29/2018 2:55:00 PM	12/19/2018 7:17:00 PM	Dichlorvos	n/a	<	0.0029	µg/L	EPA 525.2m	0.0029	0.01	WKL	
ME-VR2	2018/19-2	Wet	11/29/2018 2:55:00 PM	1/12/2019 7:27:00 AM	Dieldrin	n/a	<	0.0021	µg/L	EPA 608	0.0021	0.01	WKL	
ME-VR2	2018/19-2	Wet	11/29/2018 2:55:00 PM	12/14/2018 8:15:00 PM	Dimethoate	n/a	<	0.024	µg/L	EPA 525.2	0.024	0.2	WKL	
ME-VR2	2018/19-2	Wet	11/29/2018 2:55:00 PM	12/19/2018 7:17:00 PM	Dimethoate	n/a	<	0.0062	µg/L	EPA 525.2m	0.0062	0.01	WKL	
ME-VR2	2018/19-2	Wet	11/29/2018 2:55:00 PM	12/27/2018 6:57:00 PM	Dinoseb	n/a	<	0.14	µg/L	EPA 515.3	0.14	0.4	WKL	
ME-VR2	2018/19-2	Wet	11/29/2018 2:55:00 PM	12/14/2018 8:15:00 PM	Diphenamid	n/a	<	0.024	µg/L	EPA 525.2	0.024	0.1	WKL	
ME-VR2	2018/19-2	Wet	11/29/2018 2:55:00 PM	12/19/2018 7:17:00 PM	Disulfoton	n/a	<	0.01	µg/L	EPA 525.2m	0.01	0.01	WKL	
ME-VR2	2018/19-2	Wet	11/29/2018 2:55:00 PM	12/14/2018 8:15:00 PM	Disulfoton	n/a	<	0.031	µg/L	EPA 525.2	0.031	0.1	WKL	
ME-VR2	2018/19-2	Wet	11/29/2018 2:55:00 PM	1/12/2019 7:27:00 AM	Endosulfan I	n/a	<	0.0017	µg/L	EPA 608	0.0017	0.02	WKL	
ME-VR2	2018/19-2	Wet	11/29/2018 2:55:00 PM	1/12/2019 7:27:00 AM	Endosulfan II	n/a	<	0.0019	µg/L	EPA 608	0.0019	0.01	WKL	
ME-VR2	2018/19-2	Wet	11/29/2018 2:55:00 PM	1/12/2019 7:27:00 AM	Endosulfan sulfate	n/a	<	0.008	µg/L	EPA 608	0.008	0.05	WKL	
ME-VR2	2018/19-2	Wet	11/29/2018 2:55:00 PM	1/12/2019 7:27:00 AM	Endrin	n/a	<	0.0028	µg/L	EPA 608	0.0028	0.01	WKL	
ME-VR2	2018/19-2	Wet	11/29/2018 2:55:00 PM	1/12/2019 7:27:00 AM	Endrin aldehyde	n/a	<	0.003	µg/L	EPA 608	0.003	0.01	WKL	
ME-VR2	2018/19-2	Wet	11/29/2018 2:55:00 PM	12/14/2018 8:15:00 PM	EPTC	n/a	<	0.017	µg/L	EPA 525.2	0.017	1	WKL	
ME-VR2	2018/19-2	Wet	11/29/2018 2:55:00 PM	12/19/2018 7:17:00 PM	Ethoprop	n/a	<	0.0067	µg/L	EPA 525.2m	0.0067	0.01	WKL	
ME-VR2	2018/19-2	Wet	11/29/2018 2:55:00 PM	12/19/2018 7:17:00 PM	Ethyl parathion	n/a	<	0.0054	µg/L	EPA 525.2m	0.0054	0.01	WKL	
ME-VR2	2018/19-2	Wet	11/29/2018 2:55:00 PM	12/19/2018 7:17:00 PM	Fensulfothion	n/a	<	0.0029	µg/L	EPA 525.2m	0.0029	0.01	WKL	
ME-VR2	2018/19-2	Wet	11/29/2018 2:55:00 PM	12/19/2018 7:17:00 PM	Fenthion	n/a	<	0.0038	µg/L	EPA 525.2m	0.0038	0.01	WKL	
ME-VR2	2018/19-2	Wet	11/29/2018 2:55:00 PM	1/12/2019 7:27:00 AM	gamma-BHC (Lindane)	n/a	<	0.0021	µg/L	EPA 608	0.0021	0.02	WKL	
ME-VR2	2018/19-2	Wet	11/29/2018 2:55:00 PM	1/12/2019 7:27:00 AM	gamma-Chlordane	n/a	<	0.0044	µg/L	EPA 608	0.0044	0.01	WKL	
ME-VR2	2018/19-2	Wet	11/29/2018 2:55:00 PM	12/10/2018 5:55:00 PM	Glyphosate	n/a	<	1.8	µg/L	EPA 547	1.8	5	WKL	
ME-VR2	2018/19-2	Wet	11/29/2018 2:55:00 PM	1/12/2019 7:27:00 AM	Heptachlor	n/a	<	0.0017	µg/L	EPA 608	0.0017	0.01	WKL	
ME-VR2	2018/19-2	Wet	11/29/2018 2:55:00 PM	1/12/2019 7:27:00 AM	Heptachlor epoxide	n/a	<	0.0019	µg/L	EPA 608	0.0019	0.01	WKL	
ME-VR2	2018/19-2	Wet	11/29/2018 2:55:00 PM	12/19/2018 7:17:00 PM	Malathion	n/a	<	0.0076	µg/L	EPA 525.2m	0.0076	0.01	WKL	
ME-VR2	2018/19-2	Wet	11/29/2018 2:55:00 PM	12/19/2018 7:17:00 PM	Merphos	n/a	<	0.0058	µg/L	EPA 525.2m	0.0058	0.01	WKL	
ME-VR2	2018/19-2	Wet	11/29/2018 2:55:00 PM	1/12/2019 7:27:00 AM	Methoxychlor	n/a	<	0.0054	µg/L	EPA 608	0.0054	0.02	WKL	
ME-VR2	2018/19-2	Wet	11/29/2018 2:55:00 PM	12/19/2018 7:17:00 PM	Methyl parathion	n/a	<	0.0063	µg/L	EPA 525.2m	0.0063	0.01	WKL	
ME-VR2	2018/19-2	Wet	11/29/2018 2:55:00 PM	12/14/2018 8:15:00 PM	Metolachlor	n/a	<	0.012	µg/L	EPA 525.2	0.012	0.1	WKL	
ME-VR2	2018/19-2	Wet	11/29/2018 2:55:00 PM	12/14/2018 8:15:00 PM	Metribuzin	n/a	<	0.015	µg/L	EPA 525.2	0.015	0.1	WKL	
ME-VR2	2018/19-2	Wet	11/29/2018 2:55:00 PM	12/19/2018 7:17:00 PM	Mevinphos	n/a	<	0.0042	µg/L	EPA 525.2m	0.0042	0.01	WKL	
ME-VR2	2018/19-2	Wet	11/29/2018 2:55:00 PM	12/14/2018 8:15:00 PM	Molinate	n/a	<	0.039	µg/L	EPA 525.2	0.039	0.1	WKL	
ME-VR2	2018/19-2	Wet	11/29/2018 2:55:00 PM	12/19/2018 7:17:00 PM	Naled	n/a	<	0.0076	µg/L	EPA 525.2m	0.0076	0.01	WKL	
ME-VR2	2018/19-2	Wet	11/29/2018 2:55:00 PM	12/27/2018 6:57:00 PM	Pentachlorophenol	n/a	<	0.04	µg/L	EPA 515.3	0.04	0.2	WKL	
ME-VR2	2018/19-2	Wet	11/29/2018 2:55:00 PM	1/7/2019 1:43:00 AM	Pentachlorophenol	n/a	<	0.19	µg/L	EPA 625	0.19	1	WKL	
ME-VR2	2018/19-2	Wet	11/29/2018 2:55:00 PM	1/11/2019 2:25:00 AM	Pentachlorophenol	n/a	<	0.15	µg/L	EPA 8270C	0.15	1	WKL	
ME-VR2	2018/19-2	Wet	11/29/2018 2:55:00 PM	12/19/2018 7:17:00 PM	Phorate	n/a	<	0.003	µg/L	EPA 525.2m	0.003	0.01	WKL	
ME-VR2	2018/19-2	Wet	11/29/2018 2:55:00 PM	12/27/2018 6:57:00 PM	Picloram	n/a	<	0.05	µg/L	EPA 515.3	0.05	0.6	WKL	
ME-VR2	2018/19-2	Wet	11/29/2018 2:55:00 PM	12/14/2018 8:15:00 PM	Prometon	n/a	<	0.024	µg/L	EPA 525.2	0.024	0.2	WKL	
ME-VR2	2018/19-2	Wet	11/29/2018 2:55:00 PM	12/14/2018 8:15:00 PM	Prometryn	n/a	<	0.036	µg/L	EPA 525.2	0.036	0.1	WKL	
ME-VR2	2018/19-2	Wet	11/29/2018 2:55:00 PM	12/19/2018 7:17:00 PM	Ronnel (Fenchlorphos)	n/a	<	0.0041	µg/L	EPA 525.2m	0.0041	0.01	WKL	
ME-VR2	2018/19-2	Wet	11/29/2018 2:55:00 PM	12/14/2018 8:15:00 PM	Simazine	n/a	=	0.12	µg/L	EPA 525.2	0.015	0.1	WKL	
ME-VR2	2018/19-2	Wet	11/29/2018 2:55:00 PM	12/19/2018 7:17:00 PM	Stirophos (Tetrachlorvinphos)	n/a	<	0.0031	µg/L	EPA 525.2m	0.0031	0.01	WKL	
ME-VR2	2018/19-2	Wet	11/29/2018 2:55:00 PM	12/14/2018 8:15:00 PM	Terbacil	n/a	<	0.55	µg/L	EPA 525.2	0.55	2	WKL	
ME-VR2	2018/19-2	Wet	11/29/2018 2:55:00 PM	12/14/2018 8:15:00 PM	Thiobencarb	n/a	<	0.025	µg/L	EPA 525.2	0.025	0.2	WKL	
ME-VR2	2018/19-2	Wet	11/29/2018 2:55:00 PM	12/19/2018 7:17:00 PM	Tokuthion	n/a	<	0.0078	µg/L	EPA 525.2m	0.0078	0.01	WKL	
ME-VR2	2018/19-2	Wet	11/29/2018 2:55:00 PM	1/12/2019 7:27:00 AM	Toxaphene	n/a	<	0.12	µg/L	EPA 608	0.12	0.5	WKL	

Appendix G
Laboratory Environmental Analysis Results

Site ID	Event	Event Type	Sample Date	Analysis Date	Constituent	Fraction	Sign	Result	Units	Method	MDL	Reporting Limit	Analyzing Laboratory	Qualifier
ME-VR2	2018/19-2	Wet	11/29/2018 2:55:00 PM	12/19/2018 7:17:00 PM	Trichloronate	n/a	<	0.0067	µg/L	EPA 525.2m	0.0067	0.01	WKL	
ME-VR2	2018/19-2	Wet	11/29/2018 2:55:00 PM	12/14/2018 8:15:00 PM	Trithion	n/a	<	0.012	µg/L	EPA 525.2	0.012	0.1	WKL	
ME-VR2	2018/19-3	Wet	1/5/2019 9:15:00 PM	1/6/2019 5:20:00 PM	E. Coli	n/a	=	145	MPN/100 mL	MMO-MUG	10	10	VCHCA	
ME-VR2	2018/19-3	Wet	1/5/2019 9:15:00 PM	1/6/2019 5:20:00 PM	Total Coliform	n/a	=	7701	MPN/100 mL	MMO-MUG	10	10	VCHCA	
ME-VR2	2018/19-3	Wet	1/5/2019 9:15:00 PM	1/5/2019 9:15:00 PM	Conductivity	n/a	=	1069	µmhos/cm	Field Meter	-88	1	Field Crew	
ME-VR2	2018/19-3	Wet	1/5/2019 9:15:00 PM	1/11/2019 4:34:00 PM	Cyanide	Total	<	0.0005	mg/L	ASTM D7511	0.0005	0.002	WKL	
ME-VR2	2018/19-3	Wet	1/5/2019 9:15:00 PM	1/5/2019 9:15:00 PM	DO	n/a	=	43.5	%	Field Meter	-88	0.1	Field Crew	
ME-VR2	2018/19-3	Wet	1/5/2019 9:15:00 PM	1/5/2019 9:15:00 PM	DO	n/a	=	4.63	mg/L	Field Meter	-88	0.3	Field Crew	
ME-VR2	2018/19-3	Wet	1/5/2019 9:15:00 PM	1/5/2019 9:15:00 PM	pH	n/a	=	7.13	pH Units	Field Meter	-88	0.01	Field Crew	
ME-VR2	2018/19-3	Wet	1/5/2019 9:15:00 PM	1/5/2019 9:15:00 PM	Salinity	n/a	=	700	mg/L	Field Meter	-88	100	Field Crew	
ME-VR2	2018/19-3	Wet	1/5/2019 9:15:00 PM	1/5/2019 9:15:00 PM	Specific Conductance	n/a	=	1366	µmhos/cm	Field Meter	-88	1	Field Crew	
ME-VR2	2018/19-3	Wet	1/5/2019 9:15:00 PM	1/5/2019 9:15:00 PM	Temperature	n/a	=	13.1	°C	Field Meter	-88	0.1	Field Crew	
ME-VR2	2018/19-3	Wet	1/5/2019 9:15:00 PM	1/12/2019 6:56:00 AM	Gasoline Range Organics	n/a	<	0.012	mg/L	LUFT GC/MS	0.012	0.1	WKL	
ME-VR2	2018/19-3	Wet	1/5/2019 9:15:00 PM	1/11/2019 3:00:00 PM	Oil and Grease	n/a	<	1.3	mg/L	EPA 1664A	1.3	5	WKL	
ME-VR2	2018/19-3	Wet	1/5/2019 9:15:00 PM	1/8/2019 5:54:00 PM	2-Chloroethyl vinyl ether	n/a	<	0.28	µg/L	EPA 624	0.28	1	WKL	
ME-VR2	2018/19-3	Wet	1/5/2019 9:15:00 PM	1/8/2019 5:54:00 PM	Methyl tert-butyl ether (MTBE)	n/a	<	0.25	µg/L	EPA 624	0.25	1	WKL	
ME-VR2	2018/19-3	Wet	1/5/2019 9:20:00 PM	1/15/2019 10:00:00 PM	Chloride	n/a	=	62	mg/L	EPA 300.0	0.5	2.5	WKL	
ME-VR2	2018/19-3	Wet	1/5/2019 9:20:00 PM	1/15/2019 10:00:00 PM	Fluoride	n/a	DNQ	0.32	mg/L	EPA 300.0	0.1	0.5	WKL	
ME-VR2	2018/19-3	Wet	1/5/2019 9:20:00 PM	1/9/2019 4:38:00 AM	Perchlorate	n/a	<	0.95	µg/L	EPA 314.0	0.95	2	WKL	
ME-VR2	2018/19-3	Wet	1/5/2019 9:20:00 PM	1/15/2019 10:00:00 PM	Sulfate	Total	=	230	mg/L	EPA 300.0	0.5	2.5	WKL	
ME-VR2	2018/19-3	Wet	1/5/2019 9:20:00 PM	1/30/2019 9:47:00 PM	Calcium	Total	=	136	mg/L	EPA 200.7	0.016	0.1	WKL	
ME-VR2	2018/19-3	Wet	1/5/2019 9:20:00 PM	1/30/2019 9:47:00 PM	Magnesium	Total	=	35.2	mg/L	EPA 200.7	0.012	0.1	WKL	
ME-VR2	2018/19-3	Wet	1/5/2019 9:20:00 PM	1/30/2019 9:47:00 PM	Potassium	Total	=	3.5	mg/L	EPA 200.7	0.081	0.1	WKL	
ME-VR2	2018/19-3	Wet	1/5/2019 9:20:00 PM	1/30/2019 9:47:00 PM	Sodium	Total	=	63	mg/L	EPA 200.7	0.015	0.5	WKL	
ME-VR2	2018/19-3	Wet	1/5/2019 9:20:00 PM	1/11/2019 3:58:00 PM	Alkalinity as CaCO3	n/a	=	270	mg/L	SM 2320 B	0.56	2	WKL	
ME-VR2	2018/19-3	Wet	1/5/2019 9:20:00 PM	1/12/2019 12:16:00 PM	BOD	n/a	<	2	mg/L	SM 5210 B	2	2	WKL	
ME-VR2	2018/19-3	Wet	1/5/2019 9:20:00 PM	1/17/2019 11:30:00 AM	COD	n/a	=	12	mg/L	EPA 410.4	0.73	5	WKL	
ME-VR2	2018/19-3	Wet	1/5/2019 9:20:00 PM	1/31/2019 4:14:00 AM	Dissolved Inorganic Carbon	Dissolved	=	58	mg/L	SM 5310 B	0.65	1	TestAmerica	
ME-VR2	2018/19-3	Wet	1/5/2019 9:20:00 PM	1/31/2019 11:38:57 AM	Dissolved Organic Carbon	Dissolved	=	2.1	mg/L	SM 5310 B	0.65	1	TestAmerica	
ME-VR2	2018/19-3	Wet	1/5/2019 9:20:00 PM	1/30/2019 9:47:00 PM	Hardness as CaCO3	Total	=	484	mg/L	EPA 200.7	0.0894	0.662	WKL	
ME-VR2	2018/19-3	Wet	1/5/2019 9:20:00 PM	1/7/2019 2:48:00 PM	MBAS	n/a	DNQ	0.028	mg/L	SM 5540 C	0.019	0.05	WKL	
ME-VR2	2018/19-3	Wet	1/5/2019 9:20:00 PM	1/17/2019 5:46:00 PM	Phenolics	n/a	<	0.0042	mg/L	EPA 420.4	0.0042	0.01	WKL	
ME-VR2	2018/19-3	Wet	1/5/2019 9:20:00 PM	1/10/2019 11:39:00 AM	Specific Conductance	n/a	=	1100	µmhos/cm	SM 2510 B	0.23	2	WKL	
ME-VR2	2018/19-3	Wet	1/5/2019 9:20:00 PM	1/7/2019 6:56:00 PM	Total Chlorine Residual	n/a	DNQ	0.025	mg/L	SM 4500-Cl G	0.0015	0.05	WKL	EST-HT, UL-MB
ME-VR2	2018/19-3	Wet	1/5/2019 9:20:00 PM	1/10/2019 2:32:00 PM	Total Dissolved Solids	n/a	=	780	mg/L	SM 2540 C	4	10	WKL	
ME-VR2	2018/19-3	Wet	1/5/2019 9:20:00 PM	1/31/2019 1:52:00 PM	Total Organic Carbon	n/a	=	1.6	mg/L	SM 5310 B	0.21	0.3	MCA	
ME-VR2	2018/19-3	Wet	1/5/2019 9:20:00 PM	1/8/2019 1:30:00 PM	Total Suspended Solids	n/a	DNQ	4	mg/L	SM 2540 D	-88	5	WKL	
ME-VR2	2018/19-3	Wet	1/5/2019 9:20:00 PM	1/7/2019 11:44:00 AM	Turbidity	n/a	=	1.7	NTU	EPA 180.1	0.024	0.1	WKL	
ME-VR2	2018/19-3	Wet	1/5/2019 9:20:00 PM	1/8/2019 1:30:00 PM	Volatile Suspended Solids	n/a	<	3.1	mg/L	EPA 160.4	3.1	5	WKL	
ME-VR2	2018/19-3	Wet	1/5/2019 9:20:00 PM	1/22/2019 9:25:00 PM	Diesel Range Organics	n/a	DNQ	0.064	mg/L	EPA 8015D	0.024	0.1	WKL	UL-MB
ME-VR2	2018/19-3	Wet	1/5/2019 9:20:00 PM	1/22/2019 9:25:00 PM	Oil Range Organics	n/a	<	0.33	mg/L	EPA 8015D	0.33	0.5	WKL	
ME-VR2	2018/19-3	Wet	1/5/2019 9:20:00 PM	2/4/2019 4:39:00 PM	Aluminum	Dissolved	=	17	µg/L	EPA 200.8	1.3	5	WKL	
ME-VR2	2018/19-3	Wet	1/5/2019 9:20:00 PM	2/4/2019 4:46:00 PM	Aluminum	Total	=	48	µg/L	EPA 200.8	1.3	5	WKL	
ME-VR2	2018/19-3	Wet	1/5/2019 9:20:00 PM	2/4/2019 4:39:00 PM	Antimony	Dissolved	DNQ	0.06	µg/L	EPA 200.8	0.045	0.5	WKL	
ME-VR2	2018/19-3	Wet	1/5/2019 9:20:00 PM	2/4/2019 4:46:00 PM	Antimony	Total	DNQ	0.07	µg/L	EPA 200.8	0.045	0.5	WKL	
ME-VR2	2018/19-3	Wet	1/5/2019 9:20:00 PM	2/4/2019 4:39:00 PM	Arsenic	Dissolved	=	0.51	µg/L	EPA 200.8	0.074	0.4	WKL	
ME-VR2	2018/19-3	Wet	1/5/2019 9:20:00 PM	2/4/2019 4:46:00 PM	Arsenic	Total	=	0.57	µg/L	EPA 200.8	0.074	0.4	WKL	
ME-VR2	2018/19-3	Wet	1/5/2019 9:20:00 PM	2/4/2019 4:46:00 PM	Barium	Total	=	51	µg/L	EPA 200.8	0.071	0.5	WKL	

Appendix G
Laboratory Environmental Analysis Results

Site ID	Event	Event Type	Sample Date	Analysis Date	Constituent	Fraction	Sign	Result	Units	Method	MDL	Reporting Limit	Analyzing Laboratory	Qualifier
ME-VR2	2018/19-3	Wet	1/5/2019 9:20:00 PM	2/4/2019 4:39:00 PM	Beryllium	Dissolved	<	0.033	µg/L	EPA 200.8	0.033	0.1	WKL	
ME-VR2	2018/19-3	Wet	1/5/2019 9:20:00 PM	2/4/2019 4:46:00 PM	Beryllium	Total	<	0.033	µg/L	EPA 200.8	0.033	0.1	WKL	
ME-VR2	2018/19-3	Wet	1/5/2019 9:20:00 PM	2/4/2019 4:39:00 PM	Cadmium	Dissolved	<	0.041	µg/L	EPA 200.8	0.041	0.1	WKL	
ME-VR2	2018/19-3	Wet	1/5/2019 9:20:00 PM	2/4/2019 4:46:00 PM	Cadmium	Total	DNQ	0.05	µg/L	EPA 200.8	0.041	0.1	WKL	
ME-VR2	2018/19-3	Wet	1/5/2019 9:20:00 PM	2/4/2019 4:39:00 PM	Chromium	Dissolved	<	0.035	µg/L	EPA 200.8	0.035	0.2	WKL	
ME-VR2	2018/19-3	Wet	1/5/2019 9:20:00 PM	2/4/2019 4:46:00 PM	Chromium	Total	DNQ	0.07	µg/L	EPA 200.8	0.035	0.2	WKL	
ME-VR2	2018/19-3	Wet	1/5/2019 9:20:00 PM	1/18/2019 1:40:00 PM	Chromium VI	n/a	DNQ	0.0078	µg/L	EPA 218.6	0.0048	0.02	WKL	
ME-VR2	2018/19-3	Wet	1/5/2019 9:20:00 PM	2/4/2019 4:39:00 PM	Copper	Dissolved	=	0.59	µg/L	EPA 200.8	0.13	0.5	WKL	
ME-VR2	2018/19-3	Wet	1/5/2019 9:20:00 PM	2/4/2019 4:46:00 PM	Copper	Total	=	0.72	µg/L	EPA 200.8	0.13	0.5	WKL	
ME-VR2	2018/19-3	Wet	1/5/2019 9:20:00 PM	1/30/2019 9:08:00 PM	Iron	Dissolved	=	44	µg/L	EPA 200.7	1.1	10	WKL	
ME-VR2	2018/19-3	Wet	1/5/2019 9:20:00 PM	1/30/2019 9:47:00 PM	Iron	Total	=	160	µg/L	EPA 200.7	1.1	10	WKL	
ME-VR2	2018/19-3	Wet	1/5/2019 9:20:00 PM	2/4/2019 4:39:00 PM	Lead	Dissolved	<	0.031	µg/L	EPA 200.8	0.031	0.2	WKL	
ME-VR2	2018/19-3	Wet	1/5/2019 9:20:00 PM	2/4/2019 4:46:00 PM	Lead	Total	DNQ	0.08	µg/L	EPA 200.8	0.031	0.2	WKL	
ME-VR2	2018/19-3	Wet	1/5/2019 9:20:00 PM	1/10/2019 3:49:00 PM	Mercury	Dissolved	<	17	ng/L	EPA 245.1	17	50	WKL	
ME-VR2	2018/19-3	Wet	1/5/2019 9:20:00 PM	1/10/2019 3:51:00 PM	Mercury	Total	<	17	ng/L	EPA 245.1	17	50	WKL	
ME-VR2	2018/19-3	Wet	1/5/2019 9:20:00 PM	2/4/2019 4:39:00 PM	Nickel	Dissolved	=	0.99	µg/L	EPA 200.8	0.045	0.8	WKL	
ME-VR2	2018/19-3	Wet	1/5/2019 9:20:00 PM	2/4/2019 4:46:00 PM	Nickel	Total	=	1.1	µg/L	EPA 200.8	0.045	0.8	WKL	
ME-VR2	2018/19-3	Wet	1/5/2019 9:20:00 PM	2/4/2019 4:39:00 PM	Selenium	Dissolved	=	0.94	µg/L	EPA 200.8	0.14	0.4	WKL	
ME-VR2	2018/19-3	Wet	1/5/2019 9:20:00 PM	2/4/2019 4:46:00 PM	Selenium	Total	=	0.9	µg/L	EPA 200.8	0.14	0.4	WKL	
ME-VR2	2018/19-3	Wet	1/5/2019 9:20:00 PM	2/4/2019 4:39:00 PM	Silver	Dissolved	<	0.062	µg/L	EPA 200.8	0.062	0.2	WKL	
ME-VR2	2018/19-3	Wet	1/5/2019 9:20:00 PM	2/4/2019 4:46:00 PM	Silver	Total	<	0.062	µg/L	EPA 200.8	0.062	0.2	WKL	
ME-VR2	2018/19-3	Wet	1/5/2019 9:20:00 PM	2/4/2019 4:39:00 PM	Thallium	Dissolved	<	0.014	µg/L	EPA 200.8	0.014	0.2	WKL	
ME-VR2	2018/19-3	Wet	1/5/2019 9:20:00 PM	2/4/2019 4:46:00 PM	Thallium	Total	<	0.014	µg/L	EPA 200.8	0.014	0.2	WKL	
ME-VR2	2018/19-3	Wet	1/5/2019 9:20:00 PM	2/4/2019 4:39:00 PM	Zinc	Dissolved	DNQ	1.5	µg/L	EPA 200.8	0.94	5	WKL	
ME-VR2	2018/19-3	Wet	1/5/2019 9:20:00 PM	2/4/2019 4:46:00 PM	Zinc	Total	DNQ	1.6	µg/L	EPA 200.8	0.94	5	WKL	
ME-VR2	2018/19-3	Wet	1/5/2019 9:20:00 PM	1/15/2019 9:47:00 PM	Ammonia as N	n/a	=	0.15	mg/L	EPA 350.1	0.048	0.1	WKL	
ME-VR2	2018/19-3	Wet	1/5/2019 9:20:00 PM	1/12/2019 10:01:00 AM	Nitrate + Nitrite as N	n/a	=	0.21	mg/L	EPA 353.2	0.083	0.2	WKL	
ME-VR2	2018/19-3	Wet	1/5/2019 9:20:00 PM	1/17/2019 6:30:00 PM	Phosphorus as P	Dissolved	=	0.029	mg/L	EPA 200.7	0.012	0.02	WKL	
ME-VR2	2018/19-3	Wet	1/5/2019 9:20:00 PM	1/17/2019 6:33:00 PM	Phosphorus as P	Total	=	0.033	mg/L	EPA 200.7	0.012	0.02	WKL	
ME-VR2	2018/19-3	Wet	1/5/2019 9:20:00 PM	1/12/2019 1:50:00 PM	TKN	n/a	=	0.13	mg/L	EPA 351.2	0.05	0.1	WKL	
ME-VR2	2018/19-3	Wet	1/5/2019 9:20:00 PM	1/30/2019 1:41:00 AM	1,2,4-Trichlorobenzene	n/a	<	0.55	µg/L	EPA 625	0.55	1	WKL	
ME-VR2	2018/19-3	Wet	1/5/2019 9:20:00 PM	1/30/2019 1:41:00 AM	1,2-Dichlorobenzene	n/a	<	0.57	µg/L	EPA 625	0.57	1	WKL	
ME-VR2	2018/19-3	Wet	1/5/2019 9:20:00 PM	1/30/2019 1:41:00 AM	1,2-Diphenylhydrazine	n/a	<	0.25	µg/L	EPA 625	0.25	1	WKL	
ME-VR2	2018/19-3	Wet	1/5/2019 9:20:00 PM	1/30/2019 1:41:00 AM	1,3-Dichlorobenzene	n/a	<	0.53	µg/L	EPA 625	0.53	1	WKL	
ME-VR2	2018/19-3	Wet	1/5/2019 9:20:00 PM	1/30/2019 1:41:00 AM	1,4-Dichlorobenzene	n/a	<	0.55	µg/L	EPA 625	0.55	1	WKL	
ME-VR2	2018/19-3	Wet	1/5/2019 9:20:00 PM	2/1/2019 9:22:00 PM	1-Methylnaphthalene	n/a	<	0.1	µg/L	EPA 8270C	0.1	0.1	WKL	
ME-VR2	2018/19-3	Wet	1/5/2019 9:20:00 PM	2/5/2019 9:54:00 PM	2,4,5-Trichlorophenol	n/a	<	0.29	µg/L	EPA 8270C	0.29	1	WKL	
ME-VR2	2018/19-3	Wet	1/5/2019 9:20:00 PM	2/5/2019 9:54:00 PM	2,4,6-Trichlorophenol	n/a	<	0.3	µg/L	EPA 8270C	0.3	1	WKL	
ME-VR2	2018/19-3	Wet	1/5/2019 9:20:00 PM	1/30/2019 1:41:00 AM	2,4,6-Trichlorophenol	n/a	<	0.22	µg/L	EPA 625	0.22	1	WKL	
ME-VR2	2018/19-3	Wet	1/5/2019 9:20:00 PM	1/30/2019 1:41:00 AM	2,4-Dichlorophenol	n/a	<	0.26	µg/L	EPA 625	0.26	1	WKL	
ME-VR2	2018/19-3	Wet	1/5/2019 9:20:00 PM	2/5/2019 9:54:00 PM	2,4-Dichlorophenol	n/a	<	0.51	µg/L	EPA 8270C	0.51	1	WKL	
ME-VR2	2018/19-3	Wet	1/5/2019 9:20:00 PM	1/30/2019 1:41:00 AM	2,4-Dimethylphenol	n/a	<	0.3	µg/L	EPA 625	0.3	1	WKL	
ME-VR2	2018/19-3	Wet	1/5/2019 9:20:00 PM	2/5/2019 9:54:00 PM	2,4-Dimethylphenol	n/a	<	1	µg/L	EPA 8270C	1	2	WKL	
ME-VR2	2018/19-3	Wet	1/5/2019 9:20:00 PM	1/30/2019 1:41:00 AM	2,4-Dinitrophenol	n/a	<	1.6	µg/L	EPA 625	1.6	10	WKL	
ME-VR2	2018/19-3	Wet	1/5/2019 9:20:00 PM	2/5/2019 9:54:00 PM	2,4-Dinitrophenol	n/a	<	1	µg/L	EPA 8270C	1	2	WKL	
ME-VR2	2018/19-3	Wet	1/5/2019 9:20:00 PM	1/30/2019 1:41:00 AM	2,4-Dinitrotoluene	n/a	<	0.18	µg/L	EPA 625	0.18	1	WKL	
ME-VR2	2018/19-3	Wet	1/5/2019 9:20:00 PM	1/30/2019 1:41:00 AM	2,6-Dinitrotoluene	n/a	<	0.27	µg/L	EPA 625	0.27	1	WKL	
ME-VR2	2018/19-3	Wet	1/5/2019 9:20:00 PM	1/30/2019 1:41:00 AM	2-Chloronaphthalene	n/a	<	0.45	µg/L	EPA 625	0.45	1	WKL	

Appendix G
Laboratory Environmental Analysis Results

Site ID	Event	Event Type	Sample Date	Analysis Date	Constituent	Fraction	Sign	Result	Units	Method	MDL	Reporting Limit	Analyzing Laboratory	Qualifier
ME-VR2	2018/19-3	Wet	1/5/2019 9:20:00 PM	2/5/2019 9:54:00 PM	2-Chlorophenol	n/a	<	0.65	µg/L	EPA 8270C	0.65	1	WKL	
ME-VR2	2018/19-3	Wet	1/5/2019 9:20:00 PM	1/30/2019 1:41:00 AM	2-Chlorophenol	n/a	<	0.28	µg/L	EPA 625	0.28	1	WKL	
ME-VR2	2018/19-3	Wet	1/5/2019 9:20:00 PM	2/1/2019 9:22:00 PM	2-Methylnaphthalene	n/a	<	0.1	µg/L	EPA 8270C	0.1	0.1	WKL	
ME-VR2	2018/19-3	Wet	1/5/2019 9:20:00 PM	2/5/2019 9:54:00 PM	2-Methylphenol	n/a	<	0.34	µg/L	EPA 8270C	0.34	1	WKL	
ME-VR2	2018/19-3	Wet	1/5/2019 9:20:00 PM	1/30/2019 1:41:00 AM	2-Nitrophenol	n/a	<	0.26	µg/L	EPA 625	0.26	1	WKL	
ME-VR2	2018/19-3	Wet	1/5/2019 9:20:00 PM	2/5/2019 9:54:00 PM	2-Nitrophenol	n/a	<	0.71	µg/L	EPA 8270C	0.71	1	WKL	
ME-VR2	2018/19-3	Wet	1/5/2019 9:20:00 PM	1/30/2019 1:41:00 AM	3,3'-Dichlorobenzidine	n/a	<	1.2	µg/L	EPA 625	1.2	5	WKL	
ME-VR2	2018/19-3	Wet	1/5/2019 9:20:00 PM	2/5/2019 9:54:00 PM	3-/4-Methylphenol	n/a	<	0.3	µg/L	EPA 8270C	0.3	1	WKL	
ME-VR2	2018/19-3	Wet	1/5/2019 9:20:00 PM	1/30/2019 1:41:00 AM	4,6-Dinitro-2-methylphenol	n/a	<	1.7	µg/L	EPA 625	1.7	5	WKL	
ME-VR2	2018/19-3	Wet	1/5/2019 9:20:00 PM	2/5/2019 9:54:00 PM	4,6-Dinitro-2-methylphenol	n/a	<	0.14	µg/L	EPA 8270C	0.14	1	WKL	
ME-VR2	2018/19-3	Wet	1/5/2019 9:20:00 PM	1/30/2019 1:41:00 AM	4-Bromophenyl phenyl ether	n/a	<	0.36	µg/L	EPA 625	0.36	1	WKL	
ME-VR2	2018/19-3	Wet	1/5/2019 9:20:00 PM	1/30/2019 1:41:00 AM	4-Chloro-3-methylphenol	n/a	<	0.23	µg/L	EPA 625	0.23	1	WKL	
ME-VR2	2018/19-3	Wet	1/5/2019 9:20:00 PM	2/5/2019 9:54:00 PM	4-Chloro-3-methylphenol	n/a	<	0.37	µg/L	EPA 8270C	0.37	1	WKL	
ME-VR2	2018/19-3	Wet	1/5/2019 9:20:00 PM	1/30/2019 1:41:00 AM	4-Chlorophenyl phenyl ether	n/a	<	0.41	µg/L	EPA 625	0.41	1	WKL	
ME-VR2	2018/19-3	Wet	1/5/2019 9:20:00 PM	1/30/2019 1:41:00 AM	4-Nitrophenol	n/a	<	0.45	µg/L	EPA 625	0.45	5	WKL	
ME-VR2	2018/19-3	Wet	1/5/2019 9:20:00 PM	2/5/2019 9:54:00 PM	4-Nitrophenol	n/a	<	1	µg/L	EPA 8270C	1	2	WKL	
ME-VR2	2018/19-3	Wet	1/5/2019 9:20:00 PM	1/30/2019 1:41:00 AM	Acenaphthene	n/a	<	0.38	µg/L	EPA 625	0.38	1	WKL	
ME-VR2	2018/19-3	Wet	1/5/2019 9:20:00 PM	2/1/2019 9:22:00 PM	Acenaphthene	n/a	<	0.1	µg/L	EPA 8270C	0.1	0.1	WKL	
ME-VR2	2018/19-3	Wet	1/5/2019 9:20:00 PM	2/1/2019 9:22:00 PM	Acenaphthylene	n/a	<	0.1	µg/L	EPA 8270C	0.1	0.1	WKL	
ME-VR2	2018/19-3	Wet	1/5/2019 9:20:00 PM	1/30/2019 1:41:00 AM	Acenaphthylene	n/a	<	0.4	µg/L	EPA 625	0.4	1	WKL	
ME-VR2	2018/19-3	Wet	1/5/2019 9:20:00 PM	2/1/2019 9:22:00 PM	Anthracene	n/a	<	0.1	µg/L	EPA 8270C	0.1	0.1	WKL	
ME-VR2	2018/19-3	Wet	1/5/2019 9:20:00 PM	1/30/2019 1:41:00 AM	Anthracene	n/a	<	0.34	µg/L	EPA 625	0.34	1	WKL	
ME-VR2	2018/19-3	Wet	1/5/2019 9:20:00 PM	1/30/2019 1:41:00 AM	Benz(a)anthracene	n/a	<	0.19	µg/L	EPA 625	0.19	1	WKL	
ME-VR2	2018/19-3	Wet	1/5/2019 9:20:00 PM	2/1/2019 9:22:00 PM	Benz(a)anthracene	n/a	<	0.1	µg/L	EPA 8270C	0.1	0.1	WKL	
ME-VR2	2018/19-3	Wet	1/5/2019 9:20:00 PM	1/30/2019 1:41:00 AM	Benidine	n/a	<	3.7	µg/L	EPA 625	3.7	10	WKL	
ME-VR2	2018/19-3	Wet	1/5/2019 9:20:00 PM	2/1/2019 9:22:00 PM	Benzo(a)pyrene	n/a	<	0.1	µg/L	EPA 8270C	0.1	0.1	WKL	
ME-VR2	2018/19-3	Wet	1/5/2019 9:20:00 PM	2/1/2019 9:55:00 PM	Benzo(a)pyrene	n/a	<	0.07	µg/L	EPA 525.2	0.07	0.1	WKL	
ME-VR2	2018/19-3	Wet	1/5/2019 9:20:00 PM	1/30/2019 1:41:00 AM	Benzo(a)pyrene	n/a	<	0.13	µg/L	EPA 625	0.13	1	WKL	
ME-VR2	2018/19-3	Wet	1/5/2019 9:20:00 PM	1/30/2019 1:41:00 AM	Benzo(b)fluoranthene	n/a	<	0.14	µg/L	EPA 625	0.14	1	WKL	
ME-VR2	2018/19-3	Wet	1/5/2019 9:20:00 PM	2/1/2019 9:22:00 PM	Benzo(b)fluoranthene	n/a	<	0.1	µg/L	EPA 8270C	0.1	0.1	WKL	
ME-VR2	2018/19-3	Wet	1/5/2019 9:20:00 PM	2/1/2019 9:22:00 PM	Benzo(g,h,i)perylene	n/a	<	0.1	µg/L	EPA 8270C	0.1	0.1	WKL	
ME-VR2	2018/19-3	Wet	1/5/2019 9:20:00 PM	1/30/2019 1:41:00 AM	Benzo(g,h,i)perylene	n/a	<	0.1	µg/L	EPA 625	0.1	2	WKL	
ME-VR2	2018/19-3	Wet	1/5/2019 9:20:00 PM	2/1/2019 9:22:00 PM	Benzo(k)fluoranthene	n/a	<	0.1	µg/L	EPA 8270C	0.1	0.1	WKL	
ME-VR2	2018/19-3	Wet	1/5/2019 9:20:00 PM	1/30/2019 1:41:00 AM	Benzo(k)fluoranthene	n/a	<	0.22	µg/L	EPA 625	0.22	1	WKL	
ME-VR2	2018/19-3	Wet	1/5/2019 9:20:00 PM	1/30/2019 1:41:00 AM	Bis(2-chloroethoxy)methane	n/a	<	0.25	µg/L	EPA 625	0.25	1	WKL	
ME-VR2	2018/19-3	Wet	1/5/2019 9:20:00 PM	1/30/2019 1:41:00 AM	Bis(2-chloroethyl)ether	n/a	<	0.27	µg/L	EPA 625	0.27	1	WKL	
ME-VR2	2018/19-3	Wet	1/5/2019 9:20:00 PM	1/30/2019 1:41:00 AM	Bis(2-chloroisopropyl)ether	n/a	<	0.38	µg/L	EPA 625	0.38	1	WKL	
ME-VR2	2018/19-3	Wet	1/5/2019 9:20:00 PM	2/1/2019 9:55:00 PM	Bis(2-ethylhexyl)adipate	n/a	<	0.1	µg/L	EPA 525.2	0.1	5	WKL	
ME-VR2	2018/19-3	Wet	1/5/2019 9:20:00 PM	2/1/2019 9:55:00 PM	Bis(2-ethylhexyl)phthalate	n/a	<	1.1	µg/L	EPA 525.2	1.1	3	WKL	
ME-VR2	2018/19-3	Wet	1/5/2019 9:20:00 PM	1/30/2019 1:41:00 AM	Bis(2-ethylhexyl)phthalate	n/a	<	2.3	µg/L	EPA 625	2.3	5	WKL	
ME-VR2	2018/19-3	Wet	1/5/2019 9:20:00 PM	1/30/2019 1:41:00 AM	Butyl benzyl phthalate	n/a	<	0.18	µg/L	EPA 625	0.18	1	WKL	
ME-VR2	2018/19-3	Wet	1/5/2019 9:20:00 PM	2/1/2019 9:22:00 PM	Chrysene	n/a	<	0.1	µg/L	EPA 8270C	0.1	0.1	WKL	
ME-VR2	2018/19-3	Wet	1/5/2019 9:20:00 PM	1/30/2019 1:41:00 AM	Chrysene	n/a	<	0.19	µg/L	EPA 625	0.19	1	WKL	
ME-VR2	2018/19-3	Wet	1/5/2019 9:20:00 PM	1/30/2019 1:41:00 AM	Dibenz(a,h)anthracene	n/a	<	0.08	µg/L	EPA 625	0.08	2	WKL	
ME-VR2	2018/19-3	Wet	1/5/2019 9:20:00 PM	2/1/2019 9:22:00 PM	Dibenz(a,h)anthracene	n/a	<	0.1	µg/L	EPA 8270C	0.1	0.1	WKL	
ME-VR2	2018/19-3	Wet	1/5/2019 9:20:00 PM	1/30/2019 1:41:00 AM	Diethyl phthalate	n/a	DNQ	0.31	µg/L	EPA 625	0.15	1	WKL	
ME-VR2	2018/19-3	Wet	1/5/2019 9:20:00 PM	1/30/2019 1:41:00 AM	Dimethyl phthalate	n/a	<	0.18	µg/L	EPA 625	0.18	1	WKL	
ME-VR2	2018/19-3	Wet	1/5/2019 9:20:00 PM	1/30/2019 1:41:00 AM	Di-n-butylphthalate	n/a	<	0.24	µg/L	EPA 625	0.24	1	WKL	

Appendix G
Laboratory Environmental Analysis Results

Site ID	Event	Event Type	Sample Date	Analysis Date	Constituent	Fraction	Sign	Result	Units	Method	MDL	Reporting Limit	Analyzing Laboratory	Qualifier
ME-VR2	2018/19-3	Wet	1/5/2019 9:20:00 PM	1/30/2019 1:41:00 AM	Di-n-octylphthalate	n/a	<	0.19	µg/L	EPA 625	0.19	1	WKL	
ME-VR2	2018/19-3	Wet	1/5/2019 9:20:00 PM	2/1/2019 9:22:00 PM	Fluoranthene	n/a	<	0.1	µg/L	EPA 8270C	0.1	0.1	WKL	
ME-VR2	2018/19-3	Wet	1/5/2019 9:20:00 PM	1/30/2019 1:41:00 AM	Fluoranthene	n/a	<	0.22	µg/L	EPA 625	0.22	1	WKL	
ME-VR2	2018/19-3	Wet	1/5/2019 9:20:00 PM	2/1/2019 9:22:00 PM	Fluorene	n/a	<	0.1	µg/L	EPA 8270C	0.1	0.1	WKL	
ME-VR2	2018/19-3	Wet	1/5/2019 9:20:00 PM	1/30/2019 1:41:00 AM	Fluorene	n/a	<	0.35	µg/L	EPA 625	0.35	1	WKL	
ME-VR2	2018/19-3	Wet	1/5/2019 9:20:00 PM	1/30/2019 1:41:00 AM	Hexachlorobenzene	n/a	<	0.49	µg/L	EPA 625	0.49	1	WKL	
ME-VR2	2018/19-3	Wet	1/5/2019 9:20:00 PM	1/30/2019 1:41:00 AM	Hexachlorobutadiene	n/a	<	0.47	µg/L	EPA 625	0.47	1	WKL	
ME-VR2	2018/19-3	Wet	1/5/2019 9:20:00 PM	1/30/2019 1:41:00 AM	Hexachlorocyclopentadiene	n/a	<	1.5	µg/L	EPA 625	1.5	5	WKL	
ME-VR2	2018/19-3	Wet	1/5/2019 9:20:00 PM	1/30/2019 1:41:00 AM	Hexachloroethane	n/a	<	0.52	µg/L	EPA 625	0.52	1	WKL	
ME-VR2	2018/19-3	Wet	1/5/2019 9:20:00 PM	1/30/2019 1:41:00 AM	Indeno(1,2,3-cd)pyrene	n/a	<	0.12	µg/L	EPA 625	0.12	2	WKL	
ME-VR2	2018/19-3	Wet	1/5/2019 9:20:00 PM	2/1/2019 9:22:00 PM	Indeno(1,2,3-cd)pyrene	n/a	<	0.1	µg/L	EPA 8270C	0.1	0.1	WKL	
ME-VR2	2018/19-3	Wet	1/5/2019 9:20:00 PM	1/30/2019 1:41:00 AM	Isophorone	n/a	<	0.21	µg/L	EPA 625	0.21	1	WKL	
ME-VR2	2018/19-3	Wet	1/5/2019 9:20:00 PM	1/30/2019 1:41:00 AM	Naphthalene	n/a	<	0.49	µg/L	EPA 625	0.49	1	WKL	
ME-VR2	2018/19-3	Wet	1/5/2019 9:20:00 PM	2/1/2019 9:22:00 PM	Naphthalene	n/a	<	0.1	µg/L	EPA 8270C	0.1	0.1	WKL	
ME-VR2	2018/19-3	Wet	1/5/2019 9:20:00 PM	1/30/2019 1:41:00 AM	Nitrobenzene	n/a	<	0.36	µg/L	EPA 625	0.36	1	WKL	
ME-VR2	2018/19-3	Wet	1/5/2019 9:20:00 PM	1/30/2019 1:41:00 AM	N-Nitrosodimethylamine	n/a	<	0.14	µg/L	EPA 625	0.14	1	WKL	
ME-VR2	2018/19-3	Wet	1/5/2019 9:20:00 PM	1/30/2019 1:41:00 AM	N-Nitrosodi-N-propylamine	n/a	<	0.26	µg/L	EPA 625	0.26	1	WKL	
ME-VR2	2018/19-3	Wet	1/5/2019 9:20:00 PM	1/30/2019 1:41:00 AM	N-Nitrosodiphenylamine	n/a	<	0.19	µg/L	EPA 625	0.19	1	WKL	
ME-VR2	2018/19-3	Wet	1/5/2019 9:20:00 PM	1/30/2019 1:41:00 AM	Phenanthrene	n/a	<	0.32	µg/L	EPA 625	0.32	1	WKL	
ME-VR2	2018/19-3	Wet	1/5/2019 9:20:00 PM	2/1/2019 9:22:00 PM	Phenanthrene	n/a	<	0.1	µg/L	EPA 8270C	0.1	0.1	WKL	
ME-VR2	2018/19-3	Wet	1/5/2019 9:20:00 PM	1/30/2019 1:41:00 AM	Phenol	n/a	<	0.16	µg/L	EPA 625	0.16	1	WKL	
ME-VR2	2018/19-3	Wet	1/5/2019 9:20:00 PM	2/5/2019 9:54:00 AM	Phenol	n/a	<	0.35	µg/L	EPA 8270C	0.35	1	WKL	
ME-VR2	2018/19-3	Wet	1/5/2019 9:20:00 PM	1/30/2019 1:41:00 AM	Pyrene	n/a	<	0.25	µg/L	EPA 625	0.25	1	WKL	
ME-VR2	2018/19-3	Wet	1/5/2019 9:20:00 PM	2/1/2019 9:22:00 PM	Pyrene	n/a	<	0.1	µg/L	EPA 8270C	0.1	0.1	WKL	
ME-VR2	2018/19-3	Wet	1/5/2019 9:20:00 PM	1/30/2019 8:35:00 PM	PCB Aroclor 1016	n/a	<	0.05	µg/L	EPA 608	0.05	0.5	WKL	
ME-VR2	2018/19-3	Wet	1/5/2019 9:20:00 PM	1/30/2019 8:35:00 PM	PCB Aroclor 1221	n/a	<	0.06	µg/L	EPA 608	0.06	0.5	WKL	
ME-VR2	2018/19-3	Wet	1/5/2019 9:20:00 PM	1/30/2019 8:35:00 PM	PCB Aroclor 1232	n/a	<	0.15	µg/L	EPA 608	0.15	0.5	WKL	
ME-VR2	2018/19-3	Wet	1/5/2019 9:20:00 PM	1/30/2019 8:35:00 PM	PCB Aroclor 1242	n/a	<	0.07	µg/L	EPA 608	0.07	0.5	WKL	
ME-VR2	2018/19-3	Wet	1/5/2019 9:20:00 PM	1/30/2019 8:35:00 PM	PCB Aroclor 1248	n/a	<	0.06	µg/L	EPA 608	0.06	0.5	WKL	
ME-VR2	2018/19-3	Wet	1/5/2019 9:20:00 PM	1/30/2019 8:35:00 PM	PCB Aroclor 1254	n/a	<	0.04	µg/L	EPA 608	0.04	0.5	WKL	
ME-VR2	2018/19-3	Wet	1/5/2019 9:20:00 PM	1/30/2019 8:35:00 PM	PCB Aroclor 1260	n/a	<	0.04	µg/L	EPA 608	0.04	0.5	WKL	
ME-VR2	2018/19-3	Wet	1/5/2019 9:20:00 PM	1/16/2019 2:42:00 AM	2,4,5-T	n/a	<	0.07	µg/L	EPA 515.3	0.07	0.2	WKL	
ME-VR2	2018/19-3	Wet	1/5/2019 9:20:00 PM	1/16/2019 2:42:00 AM	2,4,5-TP	n/a	<	0.09	µg/L	EPA 515.3	0.09	0.2	WKL	
ME-VR2	2018/19-3	Wet	1/5/2019 9:20:00 PM	1/16/2019 2:42:00 AM	2,4-D	n/a	<	0.07	µg/L	EPA 515.3	0.07	0.4	WKL	
ME-VR2	2018/19-3	Wet	1/5/2019 9:20:00 PM	1/16/2019 2:42:00 AM	2,4-DB	n/a	<	0.07	µg/L	EPA 515.3	0.07	2	WKL	
ME-VR2	2018/19-3	Wet	1/5/2019 9:20:00 PM	1/16/2019 2:42:00 AM	3,5-Dichlorobenzoic acid	n/a	<	0.09	µg/L	EPA 515.3	0.09	1	WKL	
ME-VR2	2018/19-3	Wet	1/5/2019 9:20:00 PM	1/30/2019 8:35:00 PM	4,4'-DDD	n/a	<	0.003	µg/L	EPA 608	0.003	0.05	WKL	
ME-VR2	2018/19-3	Wet	1/5/2019 9:20:00 PM	1/30/2019 8:35:00 PM	4,4'-DDE	n/a	<	0.0025	µg/L	EPA 608	0.0025	0.05	WKL	
ME-VR2	2018/19-3	Wet	1/5/2019 9:20:00 PM	1/30/2019 8:35:00 PM	4,4'-DDT	n/a	<	0.0031	µg/L	EPA 608	0.0031	0.01	WKL	
ME-VR2	2018/19-3	Wet	1/5/2019 9:20:00 PM	1/16/2019 2:42:00 AM	Acifluorfen	n/a	<	0.06	µg/L	EPA 515.3	0.06	0.4	WKL	
ME-VR2	2018/19-3	Wet	1/5/2019 9:20:00 PM	2/1/2019 9:55:00 PM	Alachlor	n/a	<	0.022	µg/L	EPA 525.2	0.022	0.1	WKL	
ME-VR2	2018/19-3	Wet	1/5/2019 9:20:00 PM	1/30/2019 8:35:00 PM	Aldrin	n/a	<	0.0015	µg/L	EPA 608	0.0015	0.005	WKL	
ME-VR2	2018/19-3	Wet	1/5/2019 9:20:00 PM	1/30/2019 8:35:00 PM	alpha-BHC	n/a	<	0.0018	µg/L	EPA 608	0.0018	0.01	WKL	
ME-VR2	2018/19-3	Wet	1/5/2019 9:20:00 PM	1/30/2019 8:35:00 PM	alpha-Chlordane	n/a	<	0.0041	µg/L	EPA 608	0.0041	0.01	WKL	
ME-VR2	2018/19-3	Wet	1/5/2019 9:20:00 PM	2/1/2019 9:55:00 PM	Atrazine	n/a	<	0.034	µg/L	EPA 525.2	0.034	0.1	WKL	
ME-VR2	2018/19-3	Wet	1/5/2019 9:20:00 PM	1/25/2019 11:55:00 PM	Azinphos methyl	n/a	<	0.0055	µg/L	EPA 525.2m	0.0055	0.01	WKL	
ME-VR2	2018/19-3	Wet	1/5/2019 9:20:00 PM	1/16/2019 2:42:00 AM	Bentazon	n/a	<	0.11	µg/L	EPA 515.3	0.11	2	WKL	
ME-VR2	2018/19-3	Wet	1/5/2019 9:20:00 PM	1/30/2019 8:35:00 PM	beta-BHC	n/a	<	0.0031	µg/L	EPA 608	0.0031	0.005	WKL	

Appendix G
Laboratory Environmental Analysis Results

Site ID	Event	Event Type	Sample Date	Analysis Date	Constituent	Fraction	Sign	Result	Units	Method	MDL	Reporting Limit	Analyzing Laboratory	Qualifier
ME-VR2	2018/19-3	Wet	1/5/2019 9:20:00 PM	1/25/2019 11:55:00 PM	Bolstar	n/a	<	0.0046	µg/L	EPA 525.2m	0.0046	0.01	WKL	
ME-VR2	2018/19-3	Wet	1/5/2019 9:20:00 PM	2/1/2019 9:55:00 PM	Bromacil	n/a	<	0.038	µg/L	EPA 525.2	0.038	1	WKL	
ME-VR2	2018/19-3	Wet	1/5/2019 9:20:00 PM	2/1/2019 9:55:00 PM	Butachlor	n/a	<	0.017	µg/L	EPA 525.2	0.017	0.2	WKL	
ME-VR2	2018/19-3	Wet	1/5/2019 9:20:00 PM	2/1/2019 9:55:00 PM	Captan	n/a	<	0.86	µg/L	EPA 525.2	0.86	1	WKL	LB-LCSR
ME-VR2	2018/19-3	Wet	1/5/2019 9:20:00 PM	1/30/2019 8:35:00 PM	Chlordane (technical)	n/a	<	0.08	µg/L	EPA 608	0.08	0.1	WKL	
ME-VR2	2018/19-3	Wet	1/5/2019 9:20:00 PM	2/1/2019 9:55:00 PM	Chlorpropham	n/a	<	0.01	µg/L	EPA 525.2	0.01	0.1	WKL	
ME-VR2	2018/19-3	Wet	1/5/2019 9:20:00 PM	1/25/2019 11:55:00 PM	Chlorpyrifos	n/a	<	0.0069	µg/L	EPA 525.2m	0.0069	0.01	WKL	
ME-VR2	2018/19-3	Wet	1/5/2019 9:20:00 PM	1/25/2019 11:55:00 PM	Coumaphos	n/a	<	0.0051	µg/L	EPA 525.2m	0.0051	0.01	WKL	
ME-VR2	2018/19-3	Wet	1/5/2019 9:20:00 PM	2/1/2019 9:55:00 PM	Cyanazine	n/a	<	0.024	µg/L	EPA 525.2	0.024	0.1	WKL	
ME-VR2	2018/19-3	Wet	1/5/2019 9:20:00 PM	1/16/2019 2:42:00 AM	Dalapon	n/a	<	0.1	µg/L	EPA 515.3	0.1	0.4	WKL	
ME-VR2	2018/19-3	Wet	1/5/2019 9:20:00 PM	1/16/2019 2:42:00 AM	DCPA (Dacthal)	n/a	<	0.07	µg/L	EPA 515.3	0.07	0.1	WKL	
ME-VR2	2018/19-3	Wet	1/5/2019 9:20:00 PM	1/30/2019 8:35:00 PM		delta-BHC	n/a	<	0.0025	µg/L	EPA 608	0.0025	0.005	WKL
ME-VR2	2018/19-3	Wet	1/5/2019 9:20:00 PM	1/25/2019 11:55:00 PM	Demeton-O	n/a	<	0.01	µg/L	EPA 525.2m	0.01	0.01	WKL	
ME-VR2	2018/19-3	Wet	1/5/2019 9:20:00 PM	1/25/2019 11:55:00 PM	Demeton-S	n/a	<	0.01	µg/L	EPA 525.2m	0.01	0.01	WKL	
ME-VR2	2018/19-3	Wet	1/5/2019 9:20:00 PM	2/1/2019 9:55:00 PM	Diazinon	n/a	<	0.096	µg/L	EPA 525.2	0.096	0.1	WKL	
ME-VR2	2018/19-3	Wet	1/5/2019 9:20:00 PM	1/25/2019 11:55:00 PM	Diazinon	n/a	<	0.0052	µg/L	EPA 525.2m	0.0052	0.01	WKL	
ME-VR2	2018/19-3	Wet	1/5/2019 9:20:00 PM	1/16/2019 2:42:00 AM	Dicamba	n/a	<	0.12	µg/L	EPA 515.3	0.12	0.6	WKL	
ME-VR2	2018/19-3	Wet	1/5/2019 9:20:00 PM	1/16/2019 2:42:00 AM	Dichlorprop	n/a	<	0.08	µg/L	EPA 515.3	0.08	0.3	WKL	
ME-VR2	2018/19-3	Wet	1/5/2019 9:20:00 PM	1/25/2019 11:55:00 PM	Dichlorvos	n/a	<	0.0029	µg/L	EPA 525.2m	0.0029	0.01	WKL	
ME-VR2	2018/19-3	Wet	1/5/2019 9:20:00 PM	1/30/2019 8:35:00 PM	Dieldrin	n/a	<	0.0021	µg/L	EPA 608	0.0021	0.01	WKL	
ME-VR2	2018/19-3	Wet	1/5/2019 9:20:00 PM	2/1/2019 9:55:00 PM	Dimethoate	n/a	<	0.024	µg/L	EPA 525.2	0.024	0.2	WKL	
ME-VR2	2018/19-3	Wet	1/5/2019 9:20:00 PM	1/25/2019 11:55:00 PM	Dimethoate	n/a	<	0.0062	µg/L	EPA 525.2m	0.0062	0.01	WKL	
ME-VR2	2018/19-3	Wet	1/5/2019 9:20:00 PM	1/16/2019 2:42:00 AM	Dinoseb	n/a	<	0.14	µg/L	EPA 515.3	0.14	0.4	WKL	
ME-VR2	2018/19-3	Wet	1/5/2019 9:20:00 PM	2/1/2019 9:55:00 PM	Diphenamid	n/a	<	0.024	µg/L	EPA 525.2	0.024	0.1	WKL	
ME-VR2	2018/19-3	Wet	1/5/2019 9:20:00 PM	2/1/2019 9:55:00 PM	Disulfoton	n/a	<	0.031	µg/L	EPA 525.2	0.031	0.1	WKL	
ME-VR2	2018/19-3	Wet	1/5/2019 9:20:00 PM	1/25/2019 11:55:00 PM	Disulfoton	n/a	<	0.01	µg/L	EPA 525.2m	0.01	0.01	WKL	
ME-VR2	2018/19-3	Wet	1/5/2019 9:20:00 PM	1/30/2019 8:35:00 PM	Endosulfan I	n/a	<	0.0017	µg/L	EPA 608	0.0017	0.02	WKL	
ME-VR2	2018/19-3	Wet	1/5/2019 9:20:00 PM	1/30/2019 8:35:00 PM	Endosulfan II	n/a	<	0.0019	µg/L	EPA 608	0.0019	0.01	WKL	
ME-VR2	2018/19-3	Wet	1/5/2019 9:20:00 PM	1/30/2019 8:35:00 PM	Endosulfan sulfate	n/a	<	0.008	µg/L	EPA 608	0.008	0.05	WKL	
ME-VR2	2018/19-3	Wet	1/5/2019 9:20:00 PM	1/30/2019 8:35:00 PM	Endrin	n/a	<	0.0028	µg/L	EPA 608	0.0028	0.01	WKL	
ME-VR2	2018/19-3	Wet	1/5/2019 9:20:00 PM	1/30/2019 8:35:00 PM	Endrin aldehyde	n/a	<	0.003	µg/L	EPA 608	0.003	0.01	WKL	LB-LCSR
ME-VR2	2018/19-3	Wet	1/5/2019 9:20:00 PM	2/1/2019 9:55:00 PM	EPTC	n/a	<	0.017	µg/L	EPA 525.2	0.017	1	WKL	
ME-VR2	2018/19-3	Wet	1/5/2019 9:20:00 PM	1/25/2019 11:55:00 PM	Ethoprop	n/a	<	0.0067	µg/L	EPA 525.2m	0.0067	0.01	WKL	
ME-VR2	2018/19-3	Wet	1/5/2019 9:20:00 PM	1/25/2019 11:55:00 PM	Ethyl parathion	n/a	<	0.0054	µg/L	EPA 525.2m	0.0054	0.01	WKL	
ME-VR2	2018/19-3	Wet	1/5/2019 9:20:00 PM	1/25/2019 11:55:00 PM	Fensulfthion	n/a	<	0.0029	µg/L	EPA 525.2m	0.0029	0.01	WKL	
ME-VR2	2018/19-3	Wet	1/5/2019 9:20:00 PM	1/25/2019 11:55:00 PM	Fenthion	n/a	<	0.0038	µg/L	EPA 525.2m	0.0038	0.01	WKL	
ME-VR2	2018/19-3	Wet	1/5/2019 9:20:00 PM	1/30/2019 8:35:00 PM	gamma-BHC (Lindane)	n/a	<	0.0021	µg/L	EPA 608	0.0021	0.02	WKL	
ME-VR2	2018/19-3	Wet	1/5/2019 9:20:00 PM	1/30/2019 8:35:00 PM	gamma-Chlordane	n/a	<	0.0044	µg/L	EPA 608	0.0044	0.01	WKL	
ME-VR2	2018/19-3	Wet	1/5/2019 9:20:00 PM	1/10/2019 3:08:00 AM	Glyphosate	n/a	<	1.8	µg/L	EPA 547	1.8	5	WKL	
ME-VR2	2018/19-3	Wet	1/5/2019 9:20:00 PM	1/30/2019 8:35:00 PM	Heptachlor	n/a	<	0.0017	µg/L	EPA 608	0.0017	0.01	WKL	
ME-VR2	2018/19-3	Wet	1/5/2019 9:20:00 PM	1/30/2019 8:35:00 PM	Heptachlor epoxide	n/a	<	0.0019	µg/L	EPA 608	0.0019	0.01	WKL	
ME-VR2	2018/19-3	Wet	1/5/2019 9:20:00 PM	1/25/2019 11:55:00 PM	Malathion	n/a	<	0.0076	µg/L	EPA 525.2m	0.0076	0.01	WKL	
ME-VR2	2018/19-3	Wet	1/5/2019 9:20:00 PM	1/25/2019 11:55:00 PM	Merphos	n/a	<	0.0058	µg/L	EPA 525.2m	0.0058	0.01	WKL	
ME-VR2	2018/19-3	Wet	1/5/2019 9:20:00 PM	1/30/2019 8:35:00 PM	Methoxychlor	n/a	<	0.0054	µg/L	EPA 608	0.0054	0.02	WKL	
ME-VR2	2018/19-3	Wet	1/5/2019 9:20:00 PM	1/25/2019 11:55:00 PM	Methyl parathion	n/a	<	0.0063	µg/L	EPA 525.2m	0.0063	0.01	WKL	
ME-VR2	2018/19-3	Wet	1/5/2019 9:20:00 PM	2/1/2019 9:55:00 PM	Metolachlor	n/a	<	0.012	µg/L	EPA 525.2	0.012	0.1	WKL	
ME-VR2	2018/19-3	Wet	1/5/2019 9:20:00 PM	2/1/2019 9:55:00 PM	Metribuzin	n/a	<	0.015	µg/L	EPA 525.2	0.015	0.1	WKL	
ME-VR2	2018/19-3	Wet	1/5/2019 9:20:00 PM	1/25/2019 11:55:00 PM	Mevinphos	n/a	<	0.0042	µg/L	EPA 525.2m	0.0042	0.01	WKL	

Appendix G
Laboratory Environmental Analysis Results

Site ID	Event	Event Type	Sample Date	Analysis Date	Constituent	Fraction	Sign	Result	Units	Method	MDL	Reporting Limit	Analyzing Laboratory	Qualifier
ME-VR2	2018/19-3	Wet	1/5/2019 9:20:00 PM	2/1/2019 9:55:00 PM	Molinate	n/a	<	0.039	µg/L	EPA 525.2	0.039	0.1	WKL	
ME-VR2	2018/19-3	Wet	1/5/2019 9:20:00 PM	1/25/2019 11:55:00 PM	Naled	n/a	<	0.0076	µg/L	EPA 525.2m	0.0076	0.01	WKL	
ME-VR2	2018/19-3	Wet	1/5/2019 9:20:00 PM	2/5/2019 9:54:00 PM	Pentachlorophenol	n/a	<	0.15	µg/L	EPA 8270C	0.15	1	WKL	
ME-VR2	2018/19-3	Wet	1/5/2019 9:20:00 PM	1/16/2019 2:42:00 AM	Pentachlorophenol	n/a	<	0.04	µg/L	EPA 515.3	0.04	0.2	WKL	
ME-VR2	2018/19-3	Wet	1/5/2019 9:20:00 PM	1/30/2019 1:41:00 AM	Pentachlorophenol	n/a	<	0.19	µg/L	EPA 625	0.19	1	WKL	
ME-VR2	2018/19-3	Wet	1/5/2019 9:20:00 PM	1/25/2019 11:55:00 PM	Phorate	n/a	<	0.003	µg/L	EPA 525.2m	0.003	0.01	WKL	
ME-VR2	2018/19-3	Wet	1/5/2019 9:20:00 PM	1/16/2019 2:42:00 AM	Picloram	n/a	<	0.05	µg/L	EPA 515.3	0.05	0.6	WKL	
ME-VR2	2018/19-3	Wet	1/5/2019 9:20:00 PM	2/1/2019 9:55:00 PM	Prometon	n/a	DNQ	0.047	µg/L	EPA 525.2	0.024	0.2	WKL	
ME-VR2	2018/19-3	Wet	1/5/2019 9:20:00 PM	2/1/2019 9:55:00 PM	Prometryn	n/a	DNQ	0.047	µg/L	EPA 525.2	0.036	0.1	WKL	
ME-VR2	2018/19-3	Wet	1/5/2019 9:20:00 PM	1/25/2019 11:55:00 PM	Ronnel (Fenchlorphos)	n/a	<	0.0041	µg/L	EPA 525.2m	0.0041	0.01	WKL	
ME-VR2	2018/19-3	Wet	1/5/2019 9:20:00 PM	2/1/2019 9:55:00 PM	Simazine	n/a	DNQ	0.05	µg/L	EPA 525.2	0.015	0.1	WKL	
ME-VR2	2018/19-3	Wet	1/5/2019 9:20:00 PM	1/25/2019 11:55:00 PM	Stirophos (Tetrachlorvinphos)	n/a	<	0.0031	µg/L	EPA 525.2m	0.0031	0.01	WKL	
ME-VR2	2018/19-3	Wet	1/5/2019 9:20:00 PM	2/1/2019 9:55:00 PM	Terbacil	n/a	<	0.55	µg/L	EPA 525.2	0.55	2	WKL	
ME-VR2	2018/19-3	Wet	1/5/2019 9:20:00 PM	2/1/2019 9:55:00 PM	Thiobencarb	n/a	<	0.025	µg/L	EPA 525.2	0.025	0.2	WKL	
ME-VR2	2018/19-3	Wet	1/5/2019 9:20:00 PM	1/25/2019 11:55:00 PM	Tokuthion	n/a	<	0.0078	µg/L	EPA 525.2m	0.0078	0.01	WKL	
ME-VR2	2018/19-3	Wet	1/5/2019 9:20:00 PM	1/30/2019 8:35:00 PM	Toxaphene	n/a	<	0.12	µg/L	EPA 608	0.12	0.5	WKL	
ME-VR2	2018/19-3	Wet	1/5/2019 9:20:00 PM	1/25/2019 11:55:00 PM	Trichloronate	n/a	<	0.0067	µg/L	EPA 525.2m	0.0067	0.01	WKL	
ME-VR2	2018/19-3	Wet	1/5/2019 9:20:00 PM	2/1/2019 9:55:00 PM	Trithion	n/a	<	0.012	µg/L	EPA 525.2	0.012	0.1	WKL	
ME-VR2	2018/19-5	Dry	5/8/2019 10:15:00 AM	5/13/2019 10:00:00 PM	Chloride	n/a	=	36	mg/L	EPA 300.0	0.5	2.5	WKL	
ME-VR2	2018/19-5	Dry	5/8/2019 10:15:00 AM	5/13/2019 10:00:00 PM	Fluoride	n/a	DNQ	0.36	mg/L	EPA 300.0	0.1	0.5	WKL	
ME-VR2	2018/19-5	Dry	5/8/2019 10:15:00 AM	5/18/2019 5:46:00 AM	Perchlorate	n/a	<	0.95	µg/L	EPA 314.0	0.95	2	WKL	
ME-VR2	2018/19-5	Dry	5/8/2019 10:15:00 AM	5/13/2019 10:00:00 PM	Sulfate	Total	=	290	mg/L	EPA 300.0	0.5	2.5	WKL	
ME-VR2	2018/19-5	Dry	5/8/2019 10:15:00 AM	5/9/2019 8:00:00 AM	E. Coli	n/a	=	10	MPN/100 mL	MMO-MUG	10	10	VCHCA	
ME-VR2	2018/19-5	Dry	5/8/2019 10:15:00 AM	5/9/2019 8:00:00 AM	Total Coliform	n/a	=	1956	MPN/100 mL	MMO-MUG	10	10	VCHCA	
ME-VR2	2018/19-5	Dry	5/8/2019 10:15:00 AM	5/16/2019 6:42:00 PM	Calcium	Total	=	127	mg/L	EPA 200.7	0.016	0.1	WKL	
ME-VR2	2018/19-5	Dry	5/8/2019 10:15:00 AM	5/16/2019 6:42:00 PM	Magnesium	Total	=	36.5	mg/L	EPA 200.7	0.012	0.1	WKL	
ME-VR2	2018/19-5	Dry	5/8/2019 10:15:00 AM	5/21/2019 5:35:00 PM	Potassium	Total	=	2.3	mg/L	EPA 200.7	0.081	0.1	WKL	
ME-VR2	2018/19-5	Dry	5/8/2019 10:15:00 AM	5/16/2019 6:42:00 PM	Sodium	Total	=	54	mg/L	EPA 200.7	0.015	0.5	WKL	
ME-VR2	2018/19-5	Dry	5/8/2019 10:15:00 AM	5/10/2019 2:24:00 PM	Alkalinity as CaCO3	n/a	=	210	mg/L	SM 2320 B	0.56	2	WKL	
ME-VR2	2018/19-5	Dry	5/8/2019 10:15:00 AM	5/14/2019 6:22:00 PM	BOD	n/a	<	2	mg/L	SM 5210 B	2	2	WKL	
ME-VR2	2018/19-5	Dry	5/8/2019 10:15:00 AM	5/16/2019 11:39:00 AM	COD	n/a	=	7.9	mg/L	EPA 410.4	0.73	5	WKL	
ME-VR2	2018/19-5	Dry	5/8/2019 10:15:00 AM	5/8/2019 10:15:00 AM	Conductivity	n/a	=	873	µmhos/cm	Field Meter	-88	1	Field Crew	
ME-VR2	2018/19-5	Dry	5/8/2019 10:15:00 AM	5/16/2019 5:10:00 PM	Cyanide	Total	<	0.0005	mg/L	ASTM D7511	0.0005	0.002	WKL	
ME-VR2	2018/19-5	Dry	5/8/2019 10:15:00 AM	5/17/2019 2:14:00 PM	Dissolved Inorganic Carbon	Dissolved	=	51	mg/L	SM 5310 B	0.016	0.1	WKL	
ME-VR2	2018/19-5	Dry	5/8/2019 10:15:00 AM	5/9/2019 2:40:00 PM	Dissolved Organic Carbon	Dissolved	=	2.2	mg/L	SM 5310 B	0.013	0.3	WKL	
ME-VR2	2018/19-5	Dry	5/8/2019 10:15:00 AM	5/8/2019 10:15:00 AM	DO	n/a	=	9.66	mg/L	Field Meter	-88	0.3	Field Crew	
ME-VR2	2018/19-5	Dry	5/8/2019 10:15:00 AM	5/8/2019 10:15:00 AM	DO	n/a	=	101	%	Field Meter	-88	0.1	Field Crew	
ME-VR2	2018/19-5	Dry	5/8/2019 10:15:00 AM	5/16/2019 6:42:00 PM	Hardness as CaCO3	Total	=	466	mg/L	EPA 200.7	0.0894	0.662	WKL	
ME-VR2	2018/19-5	Dry	5/8/2019 10:15:00 AM	5/9/2019 7:38:00 PM	MBAS	n/a	<	0.019	mg/L	SM 5540 C	0.019	0.05	WKL	
ME-VR2	2018/19-5	Dry	5/8/2019 10:15:00 AM	5/8/2019 10:15:00 AM	pH	n/a	=	8.42	pH Units	Field Meter	-88	0.01	Field Crew	
ME-VR2	2018/19-5	Dry	5/8/2019 10:15:00 AM	5/21/2019 6:19:00 PM	Phenolics	n/a	<	0.0042	mg/L	EPA 420.4	0.0042	0.01	WKL	
ME-VR2	2018/19-5	Dry	5/8/2019 10:15:00 AM	5/8/2019 10:15:00 AM	Salinity	n/a	=	500	mg/L	Field Meter	-88	100	Field Crew	
ME-VR2	2018/19-5	Dry	5/8/2019 10:15:00 AM	5/8/2019 10:15:00 AM	Specific Conductance	n/a	=	1035	µmhos/cm	Field Meter	-88	1	Field Crew	
ME-VR2	2018/19-5	Dry	5/8/2019 10:15:00 AM	5/9/2019 2:51:00 PM	Specific Conductance	n/a	=	1100	µmhos/cm	SM 2510 B	1.9	4	WKL	
ME-VR2	2018/19-5	Dry	5/8/2019 10:15:00 AM	5/8/2019 10:15:00 AM	Temperature	n/a	=	16.8	°C	Field Meter	-88	0.1	Field Crew	
ME-VR2	2018/19-5	Dry	5/8/2019 10:15:00 AM	5/9/2019 4:12:00 PM	Total Chlorine Residual	n/a	DNQ	0.011	mg/L	SM 4500-Cl G	0.0015	0.05	WKL	EST-HT
ME-VR2	2018/19-5	Dry	5/8/2019 10:15:00 AM	5/13/2019 6:44:00 PM	Total Dissolved Solids	n/a	=	700	mg/L	SM 2540 C	4	10	WKL	
ME-VR2	2018/19-5	Dry	5/8/2019 10:15:00 AM	5/13/2019 1:47:00 PM	Total Organic Carbon	n/a	=	1.7	mg/L	SM 5310 B	0.009	0.3	WKL	

Appendix G
Laboratory Environmental Analysis Results

Site ID	Event	Event Type	Sample Date	Analysis Date	Constituent	Fraction	Sign	Result	Units	Method	MDL	Reporting Limit	Analyzing Laboratory	Qualifier
ME-VR2	2018/19-5	Dry	5/8/2019 10:15:00 AM	5/13/2019 12:24:00 PM	Total Suspended Solids	n/a	DNQ	1	mg/L	SM 2540 D	-88	5	WKL	UL-MB
ME-VR2	2018/19-5	Dry	5/8/2019 10:15:00 AM	5/9/2019 3:45:00 PM	Turbidity	n/a	=	1.1	NTU	EPA 180.1	0.024	0.1	WKL	
ME-VR2	2018/19-5	Dry	5/8/2019 10:15:00 AM	5/13/2019 12:24:00 PM	Volatile Suspended Solids	n/a	<	3.1	mg/L	EPA 160.4	3.1	5	WKL	
ME-VR2	2018/19-5	Dry	5/8/2019 10:15:00 AM	5/18/2019 9:54:00 AM	Diesel Range Organics	n/a	DNQ	0.041	mg/L	EPA 8015D	0.024	0.1	WKL	UL-MB
ME-VR2	2018/19-5	Dry	5/8/2019 10:15:00 AM	5/12/2019 7:14:00 PM	Gasoline Range Organics	n/a	DNQ	0.02	mg/L	LUFT GC/MS	0.012	0.1	WKL	UL-MB
ME-VR2	2018/19-5	Dry	5/8/2019 10:15:00 AM	5/13/2019 11:04:00 AM	Oil and Grease	n/a	<	1.3	mg/L	EPA 1664A	1.3	5	WKL	
ME-VR2	2018/19-5	Dry	5/8/2019 10:15:00 AM	5/18/2019 9:54:00 AM	Oil Range Organics	n/a	<	0.33	mg/L	EPA 8015D	0.33	0.5	WKL	
ME-VR2	2018/19-5	Dry	5/8/2019 10:15:00 AM	5/21/2019 5:35:00 PM	Aluminum	Dissolved	DNQ	4	µg/L	EPA 200.8	1.3	5	WKL	UL-MB
ME-VR2	2018/19-5	Dry	5/8/2019 10:15:00 AM	5/21/2019 5:31:00 PM	Aluminum	Total	=	25	µg/L	EPA 200.8	1.3	5	WKL	
ME-VR2	2018/19-5	Dry	5/8/2019 10:15:00 AM	5/17/2019 1:17:00 PM	Antimony	Dissolved	DNQ	0.08	µg/L	EPA 200.8	0.045	0.5	WKL	
ME-VR2	2018/19-5	Dry	5/8/2019 10:15:00 AM	5/17/2019 1:24:00 PM	Antimony	Total	DNQ	0.09	µg/L	EPA 200.8	0.045	0.5	WKL	
ME-VR2	2018/19-5	Dry	5/8/2019 10:15:00 AM	5/17/2019 1:17:00 PM	Arsenic	Dissolved	DNQ	0.35	µg/L	EPA 200.8	0.074	0.4	WKL	
ME-VR2	2018/19-5	Dry	5/8/2019 10:15:00 AM	5/17/2019 1:24:00 PM	Arsenic	Total	DNQ	0.39	µg/L	EPA 200.8	0.074	0.4	WKL	
ME-VR2	2018/19-5	Dry	5/8/2019 10:15:00 AM	5/17/2019 1:24:00 PM	Barium	Total	=	53	µg/L	EPA 200.8	0.071	0.5	WKL	
ME-VR2	2018/19-5	Dry	5/8/2019 10:15:00 AM	5/22/2019 5:15:00 PM	Beryllium	Dissolved	<	0.033	µg/L	EPA 200.8	0.033	0.1	WKL	
ME-VR2	2018/19-5	Dry	5/8/2019 10:15:00 AM	5/22/2019 5:18:00 PM	Beryllium	Total	<	0.033	µg/L	EPA 200.8	0.033	0.1	WKL	
ME-VR2	2018/19-5	Dry	5/8/2019 10:15:00 AM	5/17/2019 1:17:00 PM	Cadmium	Dissolved	<	0.041	µg/L	EPA 200.8	0.041	0.1	WKL	
ME-VR2	2018/19-5	Dry	5/8/2019 10:15:00 AM	5/17/2019 1:24:00 PM	Cadmium	Total	DNQ	0.06	µg/L	EPA 200.8	0.041	0.1	WKL	
ME-VR2	2018/19-5	Dry	5/8/2019 10:15:00 AM	5/17/2019 1:17:00 PM	Chromium	Dissolved	DNQ	0.12	µg/L	EPA 200.8	0.035	0.2	WKL	
ME-VR2	2018/19-5	Dry	5/8/2019 10:15:00 AM	5/17/2019 1:24:00 PM	Chromium	Total	DNQ	0.11	µg/L	EPA 200.8	0.035	0.2	WKL	
ME-VR2	2018/19-5	Dry	5/8/2019 10:15:00 AM	5/15/2019 11:58:00 AM	Chromium VI	n/a	=	0.061	µg/L	EPA 218.6	0.0048	0.2	WKL	
ME-VR2	2018/19-5	Dry	5/8/2019 10:15:00 AM	5/17/2019 1:17:00 PM	Copper	Dissolved	=	0.66	µg/L	EPA 200.8	0.13	0.5	WKL	
ME-VR2	2018/19-5	Dry	5/8/2019 10:15:00 AM	5/17/2019 1:24:00 PM	Copper	Total	=	0.5	µg/L	EPA 200.8	0.13	0.5	WKL	
ME-VR2	2018/19-5	Dry	5/8/2019 10:15:00 AM	5/16/2019 6:28:00 PM	Iron	Dissolved	=	14	µg/L	EPA 200.7	1.1	10	WKL	
ME-VR2	2018/19-5	Dry	5/8/2019 10:15:00 AM	5/16/2019 6:42:00 PM	Iron	Total	=	43	µg/L	EPA 200.7	1.1	10	WKL	
ME-VR2	2018/19-5	Dry	5/8/2019 10:15:00 AM	5/17/2019 1:17:00 PM	Lead	Dissolved	<	0.031	µg/L	EPA 200.8	0.031	0.2	WKL	
ME-VR2	2018/19-5	Dry	5/8/2019 10:15:00 AM	5/17/2019 1:24:00 PM	Lead	Total	DNQ	0.04	µg/L	EPA 200.8	0.031	0.2	WKL	
ME-VR2	2018/19-5	Dry	5/8/2019 10:15:00 AM	5/18/2019 12:02:00 PM	Mercury	Dissolved	<	17	ng/L	EPA 245.1	17	50	WKL	
ME-VR2	2018/19-5	Dry	5/8/2019 10:15:00 AM	5/18/2019 12:04:00 PM	Mercury	Total	<	17	ng/L	EPA 245.1	17	50	WKL	
ME-VR2	2018/19-5	Dry	5/8/2019 10:15:00 AM	5/17/2019 1:17:00 PM	Nickel	Dissolved	DNQ	0.62	µg/L	EPA 200.8	0.045	0.8	WKL	
ME-VR2	2018/19-5	Dry	5/8/2019 10:15:00 AM	5/17/2019 1:24:00 PM	Nickel	Total	DNQ	0.62	µg/L	EPA 200.8	0.045	0.8	WKL	
ME-VR2	2018/19-5	Dry	5/8/2019 10:15:00 AM	5/17/2019 1:17:00 PM	Selenium	Dissolved	=	2	µg/L	EPA 200.8	0.14	0.4	WKL	
ME-VR2	2018/19-5	Dry	5/8/2019 10:15:00 AM	5/17/2019 1:24:00 PM	Selenium	Total	=	2.1	µg/L	EPA 200.8	0.14	0.4	WKL	
ME-VR2	2018/19-5	Dry	5/8/2019 10:15:00 AM	5/17/2019 1:17:00 PM	Silver	Dissolved	<	0.062	µg/L	EPA 200.8	0.062	0.2	WKL	
ME-VR2	2018/19-5	Dry	5/8/2019 10:15:00 AM	5/17/2019 1:24:00 PM	Silver	Total	<	0.062	µg/L	EPA 200.8	0.062	0.2	WKL	
ME-VR2	2018/19-5	Dry	5/8/2019 10:15:00 AM	5/17/2019 1:17:00 PM	Thallium	Dissolved	DNQ	0.02	µg/L	EPA 200.8	0.014	0.2	WKL	
ME-VR2	2018/19-5	Dry	5/8/2019 10:15:00 AM	5/17/2019 1:24:00 PM	Thallium	Total	<	0.014	µg/L	EPA 200.8	0.014	0.2	WKL	
ME-VR2	2018/19-5	Dry	5/8/2019 10:15:00 AM	5/17/2019 1:17:00 PM	Zinc	Dissolved	DNQ	1.3	µg/L	EPA 200.8	0.94	5	WKL	
ME-VR2	2018/19-5	Dry	5/8/2019 10:15:00 AM	5/17/2019 1:24:00 PM	Zinc	Total	DNQ	1	µg/L	EPA 200.8	0.94	5	WKL	
ME-VR2	2018/19-5	Dry	5/8/2019 10:15:00 AM	5/10/2019 11:40:00 AM	Ammonia as N	n/a	<	0.048	mg/L	EPA 350.1	0.048	0.1	WKL	
ME-VR2	2018/19-5	Dry	5/8/2019 10:15:00 AM	5/9/2019 3:39:00 PM	Nitrate + Nitrite as N	n/a	=	1.5	mg/L	EPA 353.2	0.083	0.2	WKL	
ME-VR2	2018/19-5	Dry	5/8/2019 10:15:00 AM	5/9/2019 3:39:00 PM	Nitrate as N	n/a	=	1.5	mg/L	EPA 353.2	0.083	0.2	WKL	
ME-VR2	2018/19-5	Dry	5/8/2019 10:15:00 AM	5/16/2019 6:28:00 PM	Phosphorus as P	Dissolved	<	0.012	mg/L	EPA 200.7	0.012	0.02	WKL	
ME-VR2	2018/19-5	Dry	5/8/2019 10:15:00 AM	5/16/2019 6:42:00 PM	Phosphorus as P	Total	<	0.012	mg/L	EPA 200.7	0.012	0.02	WKL	
ME-VR2	2018/19-5	Dry	5/8/2019 10:15:00 AM	5/11/2019 11:10:00 AM	TKN	n/a	<	0.05	mg/L	EPA 351.2	0.05	0.1	WKL	
ME-VR2	2018/19-5	Dry	5/8/2019 10:15:00 AM	6/3/2019 9:14:00 PM	1,2,4-Trichlorobenzene	n/a	<	0.55	µg/L	EPA 625	0.55	1	WKL	
ME-VR2	2018/19-5	Dry	5/8/2019 10:15:00 AM	6/3/2019 9:14:00 PM	1,2-Dichlorobenzene	n/a	<	0.57	µg/L	EPA 625	0.57	1	WKL	
ME-VR2	2018/19-5	Dry	5/8/2019 10:15:00 AM	6/3/2019 9:14:00 PM	1,2-Diphenylhydrazine	n/a	<	0.25	µg/L	EPA 625	0.25	1	WKL	

Appendix G Laboratory Environmental Analysis Results

Site ID	Event	Event Type	Sample Date	Analysis Date	Constituent	Fraction	Sign	Result	Units	Method	MDL	Reporting Limit	Analyzing Laboratory	Qualifier
ME-VR2	2018/19-5	Dry	5/8/2019 10:15:00 AM	6/3/2019 9:14:00 PM	1,3-Dichlorobenzene	n/a	<	0.53	µg/L	EPA 625	0.53	1	WKL	
ME-VR2	2018/19-5	Dry	5/8/2019 10:15:00 AM	6/3/2019 9:14:00 PM	1,4-Dichlorobenzene	n/a	<	0.55	µg/L	EPA 625	0.55	1	WKL	
ME-VR2	2018/19-5	Dry	5/8/2019 10:15:00 AM	6/8/2019 4:34:00 AM	1-Methylnaphthalene	n/a	<	0.1	µg/L	EPA 8270C	0.1	0.1	WKL	
ME-VR2	2018/19-5	Dry	5/8/2019 10:15:00 AM	5/22/2019 1:33:00 AM	2,4,5-Trichlorophenol	n/a	<	0.29	µg/L	EPA 8270C	0.29	1	WKL	
ME-VR2	2018/19-5	Dry	5/8/2019 10:15:00 AM	6/3/2019 9:14:00 PM	2,4,6-Trichlorophenol	n/a	<	0.22	µg/L	EPA 625	0.22	1	WKL	
ME-VR2	2018/19-5	Dry	5/8/2019 10:15:00 AM	5/22/2019 1:33:00 AM	2,4,6-Trichlorophenol	n/a	<	0.3	µg/L	EPA 8270C	0.3	1	WKL	
ME-VR2	2018/19-5	Dry	5/8/2019 10:15:00 AM	6/3/2019 9:14:00 PM	2,4-Dichlorophenol	n/a	<	0.26	µg/L	EPA 625	0.26	1	WKL	
ME-VR2	2018/19-5	Dry	5/8/2019 10:15:00 AM	5/22/2019 1:33:00 AM	2,4-Dichlorophenol	n/a	<	0.51	µg/L	EPA 8270C	0.51	1	WKL	
ME-VR2	2018/19-5	Dry	5/8/2019 10:15:00 AM	6/3/2019 9:14:00 PM	2,4-Dimethylphenol	n/a	<	0.3	µg/L	EPA 625	0.3	1	WKL	
ME-VR2	2018/19-5	Dry	5/8/2019 10:15:00 AM	5/22/2019 1:33:00 AM	2,4-Dimethylphenol	n/a	<	1	µg/L	EPA 8270C	1	2	WKL	
ME-VR2	2018/19-5	Dry	5/8/2019 10:15:00 AM	6/3/2019 9:14:00 PM	2,4-Dinitrophenol	n/a	<	1.6	µg/L	EPA 625	1.6	10	WKL	
ME-VR2	2018/19-5	Dry	5/8/2019 10:15:00 AM	5/22/2019 1:33:00 AM	2,4-Dinitrophenol	n/a	<	1	µg/L	EPA 8270C	1	2	WKL	
ME-VR2	2018/19-5	Dry	5/8/2019 10:15:00 AM	6/3/2019 9:14:00 PM	2,4-Dinitrotoluene	n/a	<	0.18	µg/L	EPA 625	0.18	1	WKL	
ME-VR2	2018/19-5	Dry	5/8/2019 10:15:00 AM	6/3/2019 9:14:00 PM	2,6-Dinitrotoluene	n/a	<	0.27	µg/L	EPA 625	0.27	1	WKL	
ME-VR2	2018/19-5	Dry	5/8/2019 10:15:00 AM	5/10/2019 3:46:00 PM	2-Chloroethyl vinyl ether	n/a	<	0.28	µg/L	EPA 624	0.28	1	WKL	
ME-VR2	2018/19-5	Dry	5/8/2019 10:15:00 AM	6/3/2019 9:14:00 PM	2-Chloronaphthalene	n/a	<	0.45	µg/L	EPA 625	0.45	1	WKL	
ME-VR2	2018/19-5	Dry	5/8/2019 10:15:00 AM	5/22/2019 1:33:00 AM	2-Chlorophenol	n/a	<	0.65	µg/L	EPA 8270C	0.65	1	WKL	
ME-VR2	2018/19-5	Dry	5/8/2019 10:15:00 AM	6/3/2019 9:14:00 PM	2-Chlorophenol	n/a	<	0.28	µg/L	EPA 625	0.28	1	WKL	
ME-VR2	2018/19-5	Dry	5/8/2019 10:15:00 AM	6/8/2019 4:34:00 AM	2-Methylnaphthalene	n/a	<	0.1	µg/L	EPA 8270C	0.1	0.1	WKL	
ME-VR2	2018/19-5	Dry	5/8/2019 10:15:00 AM	5/22/2019 1:33:00 AM	2-Methylphenol	n/a	<	0.34	µg/L	EPA 8270C	0.34	1	WKL	
ME-VR2	2018/19-5	Dry	5/8/2019 10:15:00 AM	5/22/2019 1:33:00 AM	2-Nitrophenol	n/a	<	0.71	µg/L	EPA 8270C	0.71	1	WKL	
ME-VR2	2018/19-5	Dry	5/8/2019 10:15:00 AM	6/3/2019 9:14:00 PM	2-Nitrophenol	n/a	<	0.26	µg/L	EPA 625	0.26	1	WKL	
ME-VR2	2018/19-5	Dry	5/8/2019 10:15:00 AM	6/3/2019 9:14:00 PM	3,3'-Dichlorobenzidine	n/a	<	1.2	µg/L	EPA 625	1.2	5	WKL	
ME-VR2	2018/19-5	Dry	5/8/2019 10:15:00 AM	5/22/2019 1:33:00 AM	3-/4-Methylphenol	n/a	<	0.3	µg/L	EPA 8270C	0.3	1	WKL	
ME-VR2	2018/19-5	Dry	5/8/2019 10:15:00 AM	6/3/2019 9:14:00 PM	4,6-Dinitro-2-methylphenol	n/a	<	1.7	µg/L	EPA 625	1.7	5	WKL	
ME-VR2	2018/19-5	Dry	5/8/2019 10:15:00 AM	5/22/2019 1:33:00 AM	4,6-Dinitro-2-methylphenol	n/a	<	0.14	µg/L	EPA 8270C	0.14	1	WKL	
ME-VR2	2018/19-5	Dry	5/8/2019 10:15:00 AM	6/3/2019 9:14:00 PM	4-Bromophenyl phenyl ether	n/a	<	0.36	µg/L	EPA 625	0.36	1	WKL	
ME-VR2	2018/19-5	Dry	5/8/2019 10:15:00 AM	6/3/2019 9:14:00 PM	4-Chloro-3-methylphenol	n/a	<	0.23	µg/L	EPA 625	0.23	1	WKL	
ME-VR2	2018/19-5	Dry	5/8/2019 10:15:00 AM	5/22/2019 1:33:00 AM	4-Chloro-3-methylphenol	n/a	<	0.37	µg/L	EPA 8270C	0.37	1	WKL	
ME-VR2	2018/19-5	Dry	5/8/2019 10:15:00 AM	6/3/2019 9:14:00 PM	4-Chlorophenyl phenyl ether	n/a	<	0.41	µg/L	EPA 625	0.41	1	WKL	
ME-VR2	2018/19-5	Dry	5/8/2019 10:15:00 AM	6/3/2019 9:14:00 PM	4-Nitrophenol	n/a	<	0.45	µg/L	EPA 625	0.45	5	WKL	
ME-VR2	2018/19-5	Dry	5/8/2019 10:15:00 AM	5/22/2019 1:33:00 AM	4-Nitrophenol	n/a	<	1	µg/L	EPA 8270C	1	2	WKL	
ME-VR2	2018/19-5	Dry	5/8/2019 10:15:00 AM	6/3/2019 9:14:00 PM	Acenaphthene	n/a	<	0.38	µg/L	EPA 625	0.38	1	WKL	
ME-VR2	2018/19-5	Dry	5/8/2019 10:15:00 AM	6/8/2019 4:34:00 AM	Acenaphthene	n/a	<	0.1	µg/L	EPA 8270C	0.1	0.1	WKL	
ME-VR2	2018/19-5	Dry	5/8/2019 10:15:00 AM	6/8/2019 4:34:00 AM	Acenaphthylene	n/a	<	0.1	µg/L	EPA 8270C	0.1	0.1	WKL	
ME-VR2	2018/19-5	Dry	5/8/2019 10:15:00 AM	6/3/2019 9:14:00 PM	Acenaphthylene	n/a	<	0.4	µg/L	EPA 625	0.4	1	WKL	
ME-VR2	2018/19-5	Dry	5/8/2019 10:15:00 AM	6/3/2019 9:14:00 PM	Anthracene	n/a	<	0.34	µg/L	EPA 625	0.34	1	WKL	
ME-VR2	2018/19-5	Dry	5/8/2019 10:15:00 AM	6/8/2019 4:34:00 AM	Anthracene	n/a	<	0.1	µg/L	EPA 8270C	0.1	0.1	WKL	
ME-VR2	2018/19-5	Dry	5/8/2019 10:15:00 AM	6/3/2019 9:14:00 PM	Benz(a)anthracene	n/a	<	0.19	µg/L	EPA 625	0.19	1	WKL	
ME-VR2	2018/19-5	Dry	5/8/2019 10:15:00 AM	6/8/2019 4:34:00 AM	Benz(a)anthracene	n/a	<	0.1	µg/L	EPA 8270C	0.1	0.1	WKL	
ME-VR2	2018/19-5	Dry	5/8/2019 10:15:00 AM	6/3/2019 9:14:00 PM	Benzo(d)pyrene	n/a	<	3.7	µg/L	EPA 625	3.7	10	WKL	
ME-VR2	2018/19-5	Dry	5/8/2019 10:15:00 AM	6/8/2019 4:34:00 AM	Benzo(a)pyrene	n/a	<	0.1	µg/L	EPA 8270C	0.1	0.1	WKL	
ME-VR2	2018/19-5	Dry	5/8/2019 10:15:00 AM	5/15/2019 4:40:00 AM	Benzo(a)pyrene	n/a	<	0.07	µg/L	EPA 525.2	0.07	0.1	WKL	
ME-VR2	2018/19-5	Dry	5/8/2019 10:15:00 AM	6/3/2019 9:14:00 PM	Benzo(a)pyrene	n/a	<	0.13	µg/L	EPA 625	0.13	1	WKL	
ME-VR2	2018/19-5	Dry	5/8/2019 10:15:00 AM	6/3/2019 9:14:00 PM	Benzo(b)fluoranthene	n/a	<	0.14	µg/L	EPA 625	0.14	1	WKL	
ME-VR2	2018/19-5	Dry	5/8/2019 10:15:00 AM	6/8/2019 4:34:00 AM	Benzo(b)fluoranthene	n/a	<	0.1	µg/L	EPA 8270C	0.1	0.1	WKL	
ME-VR2	2018/19-5	Dry	5/8/2019 10:15:00 AM	6/3/2019 9:14:00 PM	Benzo(g,h,i)perylene	n/a	<	0.1	µg/L	EPA 625	0.1	2	WKL	
ME-VR2	2018/19-5	Dry	5/8/2019 10:15:00 AM	6/8/2019 4:34:00 AM	Benzo(g,h,i)perylene	n/a	<	0.1	µg/L	EPA 8270C	0.1	0.1	WKL	

Appendix G
Laboratory Environmental Analysis Results

Site ID	Event	Event Type	Sample Date	Analysis Date	Constituent	Fraction	Sign	Result	Units	Method	MDL	Reporting Limit	Analyzing Laboratory	Qualifier
ME-VR2	2018/19-5	Dry	5/8/2019 10:15:00 AM	6/8/2019 4:34:00 AM	Benzo(k)fluoranthene	n/a	<	0.1	µg/L	EPA 8270C	0.1	0.1	WKL	
ME-VR2	2018/19-5	Dry	5/8/2019 10:15:00 AM	6/3/2019 9:14:00 PM	Benzo(k)fluoranthene	n/a	<	0.22	µg/L	EPA 625	0.22	1	WKL	
ME-VR2	2018/19-5	Dry	5/8/2019 10:15:00 AM	6/3/2019 9:14:00 PM	Bis(2-chloroethoxy)methane	n/a	<	0.25	µg/L	EPA 625	0.25	1	WKL	
ME-VR2	2018/19-5	Dry	5/8/2019 10:15:00 AM	6/3/2019 9:14:00 PM	Bis(2-chloroethyl)ether	n/a	<	0.27	µg/L	EPA 625	0.27	1	WKL	
ME-VR2	2018/19-5	Dry	5/8/2019 10:15:00 AM	6/3/2019 9:14:00 PM	Bis(2-chloroisopropyl)ether	n/a	<	0.38	µg/L	EPA 625	0.38	1	WKL	
ME-VR2	2018/19-5	Dry	5/8/2019 10:15:00 AM	5/15/2019 4:40:00 AM	Bis(2-ethylhexyl)adipate	n/a	<	0.1	µg/L	EPA 525.2	0.1	5	WKL	
ME-VR2	2018/19-5	Dry	5/8/2019 10:15:00 AM	5/15/2019 4:40:00 AM	Bis(2-ethylhexyl)phthalate	n/a	<	1.1	µg/L	EPA 525.2	1.1	3	WKL	
ME-VR2	2018/19-5	Dry	5/8/2019 10:15:00 AM	6/3/2019 9:14:00 PM	Bis(2-ethylhexyl)phthalate	n/a	<	2.3	µg/L	EPA 625	2.3	5	WKL	
ME-VR2	2018/19-5	Dry	5/8/2019 10:15:00 AM	6/3/2019 9:14:00 PM	Butyl benzyl phthalate	n/a	<	0.18	µg/L	EPA 625	0.18	1	WKL	
ME-VR2	2018/19-5	Dry	5/8/2019 10:15:00 AM	6/3/2019 9:14:00 PM	Chrysene	n/a	<	0.19	µg/L	EPA 625	0.19	1	WKL	
ME-VR2	2018/19-5	Dry	5/8/2019 10:15:00 AM	6/8/2019 4:34:00 AM	Chrysene	n/a	<	0.1	µg/L	EPA 8270C	0.1	0.1	WKL	
ME-VR2	2018/19-5	Dry	5/8/2019 10:15:00 AM	6/8/2019 4:34:00 AM	Dibenz(a,h)anthracene	n/a	<	0.1	µg/L	EPA 8270C	0.1	0.1	WKL	
ME-VR2	2018/19-5	Dry	5/8/2019 10:15:00 AM	6/3/2019 9:14:00 PM	Dibenz(a,h)anthracene	n/a	<	0.08	µg/L	EPA 625	0.08	2	WKL	
ME-VR2	2018/19-5	Dry	5/8/2019 10:15:00 AM	6/3/2019 9:14:00 PM	Diethyl phthalate	n/a	DNQ	0.5	µg/L	EPA 625	0.15	1	WKL	
ME-VR2	2018/19-5	Dry	5/8/2019 10:15:00 AM	6/3/2019 9:14:00 PM	Dimethyl phthalate	n/a	<	0.18	µg/L	EPA 625	0.18	1	WKL	
ME-VR2	2018/19-5	Dry	5/8/2019 10:15:00 AM	6/3/2019 9:14:00 PM	Di-n-butylphthalate	n/a	<	0.24	µg/L	EPA 625	0.24	1	WKL	
ME-VR2	2018/19-5	Dry	5/8/2019 10:15:00 AM	6/3/2019 9:14:00 PM	Di-n-octylphthalate	n/a	<	0.19	µg/L	EPA 625	0.19	1	WKL	
ME-VR2	2018/19-5	Dry	5/8/2019 10:15:00 AM	6/3/2019 9:14:00 PM	Fluoranthene	n/a	<	0.22	µg/L	EPA 625	0.22	1	WKL	
ME-VR2	2018/19-5	Dry	5/8/2019 10:15:00 AM	6/8/2019 4:34:00 AM	Fluoranthene	n/a	<	0.1	µg/L	EPA 8270C	0.1	0.1	WKL	
ME-VR2	2018/19-5	Dry	5/8/2019 10:15:00 AM	6/3/2019 9:14:00 PM	Fluorene	n/a	<	0.35	µg/L	EPA 625	0.35	1	WKL	
ME-VR2	2018/19-5	Dry	5/8/2019 10:15:00 AM	6/8/2019 4:34:00 AM	Fluorene	n/a	<	0.1	µg/L	EPA 8270C	0.1	0.1	WKL	
ME-VR2	2018/19-5	Dry	5/8/2019 10:15:00 AM	6/3/2019 9:14:00 PM	Hexachlorobenzene	n/a	<	0.49	µg/L	EPA 625	0.49	1	WKL	
ME-VR2	2018/19-5	Dry	5/8/2019 10:15:00 AM	6/3/2019 9:14:00 PM	Hexachlorobutadiene	n/a	<	0.47	µg/L	EPA 625	0.47	1	WKL	
ME-VR2	2018/19-5	Dry	5/8/2019 10:15:00 AM	6/3/2019 9:14:00 PM	Hexachlorocyclopentadiene	n/a	<	1.5	µg/L	EPA 625	1.5	5	WKL	
ME-VR2	2018/19-5	Dry	5/8/2019 10:15:00 AM	6/3/2019 9:14:00 PM	Hexachloroethane	n/a	<	0.52	µg/L	EPA 625	0.52	1	WKL	
ME-VR2	2018/19-5	Dry	5/8/2019 10:15:00 AM	6/3/2019 9:14:00 PM	Indeno(1,2,3-cd)pyrene	n/a	<	0.12	µg/L	EPA 625	0.12	2	WKL	
ME-VR2	2018/19-5	Dry	5/8/2019 10:15:00 AM	6/8/2019 4:34:00 AM	Indeno(1,2,3-cd)pyrene	n/a	<	0.1	µg/L	EPA 8270C	0.1	0.1	WKL	
ME-VR2	2018/19-5	Dry	5/8/2019 10:15:00 AM	6/3/2019 9:14:00 PM	Isophorone	n/a	<	0.21	µg/L	EPA 625	0.21	1	WKL	
ME-VR2	2018/19-5	Dry	5/8/2019 10:15:00 AM	5/10/2019 3:46:00 PM	Methyl tert-butyl ether (MTBE)	n/a	<	0.25	µg/L	EPA 624	0.25	1	WKL	
ME-VR2	2018/19-5	Dry	5/8/2019 10:15:00 AM	6/3/2019 9:14:00 PM	Naphthalene	n/a	<	0.49	µg/L	EPA 625	0.49	1	WKL	
ME-VR2	2018/19-5	Dry	5/8/2019 10:15:00 AM	6/8/2019 4:34:00 AM	Naphthalene	n/a	<	0.1	µg/L	EPA 8270C	0.1	0.1	WKL	
ME-VR2	2018/19-5	Dry	5/8/2019 10:15:00 AM	6/3/2019 9:14:00 PM	Nitrobenzene	n/a	<	0.36	µg/L	EPA 625	0.36	1	WKL	
ME-VR2	2018/19-5	Dry	5/8/2019 10:15:00 AM	6/3/2019 9:14:00 PM	N-Nitrosodimethylamine	n/a	<	0.14	µg/L	EPA 625	0.14	1	WKL	
ME-VR2	2018/19-5	Dry	5/8/2019 10:15:00 AM	6/3/2019 9:14:00 PM	N-Nitrosodi-N-propylamine	n/a	<	0.26	µg/L	EPA 625	0.26	1	WKL	
ME-VR2	2018/19-5	Dry	5/8/2019 10:15:00 AM	6/3/2019 9:14:00 PM	N-Nitrosodiphenylamine	n/a	<	0.19	µg/L	EPA 625	0.19	1	WKL	
ME-VR2	2018/19-5	Dry	5/8/2019 10:15:00 AM	6/8/2019 4:34:00 AM	Phenanthrene	n/a	<	0.1	µg/L	EPA 8270C	0.1	0.1	WKL	
ME-VR2	2018/19-5	Dry	5/8/2019 10:15:00 AM	6/3/2019 9:14:00 PM	Phenanthrene	n/a	<	0.32	µg/L	EPA 625	0.32	1	WKL	
ME-VR2	2018/19-5	Dry	5/8/2019 10:15:00 AM	5/22/2019 1:33:00 AM	Phenol	n/a	<	0.35	µg/L	EPA 8270C	0.35	1	WKL	
ME-VR2	2018/19-5	Dry	5/8/2019 10:15:00 AM	6/3/2019 9:14:00 PM	Phenol	n/a	<	0.16	µg/L	EPA 625	0.16	1	WKL	
ME-VR2	2018/19-5	Dry	5/8/2019 10:15:00 AM	6/8/2019 4:34:00 AM	Pyrene	n/a	<	0.1	µg/L	EPA 8270C	0.1	0.1	WKL	
ME-VR2	2018/19-5	Dry	5/8/2019 10:15:00 AM	6/3/2019 9:14:00 PM	Pyrene	n/a	<	0.25	µg/L	EPA 625	0.25	1	WKL	
ME-VR2	2018/19-5	Dry	5/8/2019 10:15:00 AM	5/14/2019 8:17:00 PM	PCB Aroclor 1016	n/a	<	0.5	µg/L	EPA 608	0.5	5	WKL	
ME-VR2	2018/19-5	Dry	5/8/2019 10:15:00 AM	5/14/2019 8:17:00 PM	PCB Aroclor 1221	n/a	<	0.6	µg/L	EPA 608	0.6	5	WKL	
ME-VR2	2018/19-5	Dry	5/8/2019 10:15:00 AM	5/14/2019 8:17:00 PM	PCB Aroclor 1232	n/a	<	1.5	µg/L	EPA 608	1.5	5	WKL	
ME-VR2	2018/19-5	Dry	5/8/2019 10:15:00 AM	5/14/2019 8:17:00 PM	PCB Aroclor 1242	n/a	<	0.7	µg/L	EPA 608	0.7	5	WKL	
ME-VR2	2018/19-5	Dry	5/8/2019 10:15:00 AM	5/14/2019 8:17:00 PM	PCB Aroclor 1248	n/a	<	0.6	µg/L	EPA 608	0.6	5	WKL	
ME-VR2	2018/19-5	Dry	5/8/2019 10:15:00 AM	5/14/2019 8:17:00 PM	PCB Aroclor 1254	n/a	<	0.4	µg/L	EPA 608	0.4	5	WKL	
ME-VR2	2018/19-5	Dry	5/8/2019 10:15:00 AM	5/14/2019 8:17:00 PM	PCB Aroclor 1260	n/a	<	0.4	µg/L	EPA 608	0.4	5	WKL	

Appendix G
Laboratory Environmental Analysis Results

Site ID	Event	Event Type	Sample Date	Analysis Date	Constituent	Fraction	Sign	Result	Units	Method	MDL	Reporting Limit	Analyzing Laboratory	Qualifier
ME-VR2	2018/19-5	Dry	5/8/2019 10:15:00 AM	5/16/2019 5:13:00 AM	2,4,5-T	n/a	<	0.07	µg/L	EPA 515.4	0.07	0.2	WKL	
ME-VR2	2018/19-5	Dry	5/8/2019 10:15:00 AM	5/16/2019 5:13:00 AM	2,4,5-TP	n/a	<	0.09	µg/L	EPA 515.4	0.09	0.2	WKL	
ME-VR2	2018/19-5	Dry	5/8/2019 10:15:00 AM	5/16/2019 5:13:00 AM	2,4-D	n/a	<	0.07	µg/L	EPA 515.4	0.07	0.4	WKL	
ME-VR2	2018/19-5	Dry	5/8/2019 10:15:00 AM	5/16/2019 5:13:00 AM	2,4-DB	n/a	<	0.07	µg/L	EPA 515.4	0.07	2	WKL	
ME-VR2	2018/19-5	Dry	5/8/2019 10:15:00 AM	5/16/2019 5:13:00 AM	3,5-Dichlorobenzoic acid	n/a	<	0.09	µg/L	EPA 515.4	0.09	1	WKL	
ME-VR2	2018/19-5	Dry	5/8/2019 10:15:00 AM	5/14/2019 8:17:00 PM	4,4'-DDD	n/a	<	0.03	µg/L	EPA 608	0.03	0.5	WKL	
ME-VR2	2018/19-5	Dry	5/8/2019 10:15:00 AM	5/14/2019 8:17:00 PM	4,4'-DDE	n/a	<	0.025	µg/L	EPA 608	0.025	0.5	WKL	
ME-VR2	2018/19-5	Dry	5/8/2019 10:15:00 AM	5/14/2019 8:17:00 PM	4,4'-DDT	n/a	<	0.031	µg/L	EPA 608	0.031	0.1	WKL	
ME-VR2	2018/19-5	Dry	5/8/2019 10:15:00 AM	5/16/2019 5:13:00 AM	Acifluorfen	n/a	<	0.06	µg/L	EPA 515.4	0.06	0.4	WKL	
ME-VR2	2018/19-5	Dry	5/8/2019 10:15:00 AM	5/15/2019 4:40:00 AM	Alachlor	n/a	<	0.022	µg/L	EPA 525.2	0.022	0.1	WKL	
ME-VR2	2018/19-5	Dry	5/8/2019 10:15:00 AM	5/14/2019 8:17:00 PM	Aldrin	n/a	<	0.015	µg/L	EPA 608	0.015	0.05	WKL	
ME-VR2	2018/19-5	Dry	5/8/2019 10:15:00 AM	5/14/2019 8:17:00 PM	alpha-BHC	n/a	<	0.018	µg/L	EPA 608	0.018	0.1	WKL	
ME-VR2	2018/19-5	Dry	5/8/2019 10:15:00 AM	5/14/2019 8:17:00 PM	alpha-Chlordane	n/a	<	0.041	µg/L	EPA 608	0.041	0.1	WKL	
ME-VR2	2018/19-5	Dry	5/8/2019 10:15:00 AM	5/15/2019 4:40:00 AM	Atrazine	n/a	<	0.034	µg/L	EPA 525.2	0.034	0.1	WKL	
ME-VR2	2018/19-5	Dry	5/8/2019 10:15:00 AM	5/22/2019 11:11:00 AM	Azinphos methyl	n/a	<	0.0055	µg/L	EPA 525.2m	0.0055	0.01	WKL	
ME-VR2	2018/19-5	Dry	5/8/2019 10:15:00 AM	5/16/2019 5:13:00 AM	Bentazon	n/a	<	0.11	µg/L	EPA 515.4	0.11	2	WKL	
ME-VR2	2018/19-5	Dry	5/8/2019 10:15:00 AM	5/14/2019 8:17:00 PM	beta-BHC	n/a	<	0.031	µg/L	EPA 608	0.031	0.05	WKL	
ME-VR2	2018/19-5	Dry	5/8/2019 10:15:00 AM	5/22/2019 11:11:00 AM	Bolstar	n/a	<	0.0046	µg/L	EPA 525.2m	0.0046	0.01	WKL	
ME-VR2	2018/19-5	Dry	5/8/2019 10:15:00 AM	5/15/2019 4:40:00 AM	Bromacil	n/a	<	0.038	µg/L	EPA 525.2	0.038	1	WKL	
ME-VR2	2018/19-5	Dry	5/8/2019 10:15:00 AM	5/15/2019 4:40:00 AM	Butachlor	n/a	<	0.017	µg/L	EPA 525.2	0.017	0.2	WKL	
ME-VR2	2018/19-5	Dry	5/8/2019 10:15:00 AM	5/15/2019 4:40:00 AM	Captan	n/a	<	0.86	µg/L	EPA 525.2	0.86	1	WKL	
ME-VR2	2018/19-5	Dry	5/8/2019 10:15:00 AM	5/14/2019 8:17:00 PM	Chlordane (technical)	n/a	<	0.8	µg/L	EPA 608	0.8	1	WKL	
ME-VR2	2018/19-5	Dry	5/8/2019 10:15:00 AM	5/15/2019 4:40:00 AM	Chlorpropham	n/a	<	0.01	µg/L	EPA 525.2	0.01	0.1	WKL	
ME-VR2	2018/19-5	Dry	5/8/2019 10:15:00 AM	5/22/2019 11:11:00 AM	Chlorpyrifos	n/a	<	0.0069	µg/L	EPA 525.2m	0.0069	0.01	WKL	
ME-VR2	2018/19-5	Dry	5/8/2019 10:15:00 AM	5/22/2019 11:11:00 AM	Coumaphos	n/a	<	0.0051	µg/L	EPA 525.2m	0.0051	0.01	WKL	
ME-VR2	2018/19-5	Dry	5/8/2019 10:15:00 AM	5/15/2019 4:40:00 AM	Cyanazine	n/a	<	0.024	µg/L	EPA 525.2	0.024	0.1	WKL	
ME-VR2	2018/19-5	Dry	5/8/2019 10:15:00 AM	5/16/2019 5:13:00 AM	Dalapon	n/a	<	0.1	µg/L	EPA 515.4	0.1	0.4	WKL	
ME-VR2	2018/19-5	Dry	5/8/2019 10:15:00 AM	5/16/2019 5:13:00 AM	DCPA (Dacthal)	n/a	<	0.07	µg/L	EPA 515.4	0.07	0.1	WKL	
ME-VR2	2018/19-5	Dry	5/8/2019 10:15:00 AM	5/14/2019 8:17:00 PM	delta-BHC	n/a	<	0.025	µg/L	EPA 608	0.025	0.05	WKL	
ME-VR2	2018/19-5	Dry	5/8/2019 10:15:00 AM	5/22/2019 11:11:00 AM	Demeton-O	n/a	<	0.01	µg/L	EPA 525.2m	0.01	0.01	WKL	
ME-VR2	2018/19-5	Dry	5/8/2019 10:15:00 AM	5/22/2019 11:11:00 AM	Demeton-S	n/a	<	0.01	µg/L	EPA 525.2m	0.01	0.01	WKL	
ME-VR2	2018/19-5	Dry	5/8/2019 10:15:00 AM	5/15/2019 4:40:00 AM	Diazinon	n/a	<	0.096	µg/L	EPA 525.2	0.096	0.1	WKL	
ME-VR2	2018/19-5	Dry	5/8/2019 10:15:00 AM	5/22/2019 11:11:00 AM	Diazinon	n/a	<	0.0052	µg/L	EPA 525.2m	0.0052	0.01	WKL	
ME-VR2	2018/19-5	Dry	5/8/2019 10:15:00 AM	5/16/2019 5:13:00 AM	Dicamba	n/a	<	0.12	µg/L	EPA 515.4	0.12	0.6	WKL	
ME-VR2	2018/19-5	Dry	5/8/2019 10:15:00 AM	5/16/2019 5:13:00 AM	Dichlorprop	n/a	<	0.08	µg/L	EPA 515.4	0.08	0.3	WKL	
ME-VR2	2018/19-5	Dry	5/8/2019 10:15:00 AM	5/22/2019 11:11:00 AM	Dichlorvos	n/a	<	0.0029	µg/L	EPA 525.2m	0.0029	0.01	WKL	
ME-VR2	2018/19-5	Dry	5/8/2019 10:15:00 AM	5/14/2019 8:17:00 PM	Dieldrin	n/a	<	0.021	µg/L	EPA 608	0.021	0.1	WKL	
ME-VR2	2018/19-5	Dry	5/8/2019 10:15:00 AM	5/22/2019 11:11:00 AM	Dimethoate	n/a	<	0.0062	µg/L	EPA 525.2m	0.0062	0.01	WKL	
ME-VR2	2018/19-5	Dry	5/8/2019 10:15:00 AM	5/15/2019 4:40:00 AM	Dimethoate	n/a	<	0.024	µg/L	EPA 525.2	0.024	0.2	WKL	
ME-VR2	2018/19-5	Dry	5/8/2019 10:15:00 AM	5/16/2019 5:13:00 AM	Dinoseb	n/a	<	0.14	µg/L	EPA 515.4	0.14	0.4	WKL	
ME-VR2	2018/19-5	Dry	5/8/2019 10:15:00 AM	5/15/2019 4:40:00 AM	Diphenamid	n/a	<	0.024	µg/L	EPA 525.2	0.024	0.1	WKL	
ME-VR2	2018/19-5	Dry	5/8/2019 10:15:00 AM	5/15/2019 4:40:00 AM	Disulfoton	n/a	<	0.031	µg/L	EPA 525.2	0.031	0.1	WKL	
ME-VR2	2018/19-5	Dry	5/8/2019 10:15:00 AM	5/22/2019 11:11:00 AM	Disulfoton	n/a	<	0.01	µg/L	EPA 525.2m	0.01	0.01	WKL	
ME-VR2	2018/19-5	Dry	5/8/2019 10:15:00 AM	5/14/2019 8:17:00 PM	Endosulfan I	n/a	<	0.017	µg/L	EPA 608	0.017	0.2	WKL	
ME-VR2	2018/19-5	Dry	5/8/2019 10:15:00 AM	5/14/2019 8:17:00 PM	Endosulfan II	n/a	<	0.019	µg/L	EPA 608	0.019	0.1	WKL	
ME-VR2	2018/19-5	Dry	5/8/2019 10:15:00 AM	5/14/2019 8:17:00 PM	Endosulfan sulfate	n/a	<	0.08	µg/L	EPA 608	0.08	0.5	WKL	
ME-VR2	2018/19-5	Dry	5/8/2019 10:15:00 AM	5/14/2019 8:17:00 PM	Endrin	n/a	<	0.028	µg/L	EPA 608	0.028	0.1	WKL	
ME-VR2	2018/19-5	Dry	5/8/2019 10:15:00 AM	5/14/2019 8:17:00 PM	Endrin aldehyde	n/a	<	0.03	µg/L	EPA 608	0.03	0.1	WKL	

Appendix G
Laboratory Environmental Analysis Results

Site ID	Event	Event Type	Sample Date	Analysis Date	Constituent	Fraction	Sign	Result	Units	Method	MDL	Reporting Limit	Analyzing Laboratory	Qualifier
ME-VR2	2018/19-5	Dry	5/8/2019 10:15:00 AM	5/15/2019 4:40:00 AM	EPTC	n/a	<	0.017	µg/L	EPA 525.2	0.017	1	WKL	
ME-VR2	2018/19-5	Dry	5/8/2019 10:15:00 AM	5/22/2019 11:11:00 AM	Ethoprop	n/a	<	0.0067	µg/L	EPA 525.2m	0.0067	0.01	WKL	
ME-VR2	2018/19-5	Dry	5/8/2019 10:15:00 AM	5/22/2019 11:11:00 AM	Ethyl parathion	n/a	<	0.0054	µg/L	EPA 525.2m	0.0054	0.01	WKL	
ME-VR2	2018/19-5	Dry	5/8/2019 10:15:00 AM	5/22/2019 11:11:00 AM	Fensulfothion	n/a	<	0.0029	µg/L	EPA 525.2m	0.0029	0.01	WKL	
ME-VR2	2018/19-5	Dry	5/8/2019 10:15:00 AM	5/22/2019 11:11:00 AM	Fenthion	n/a	<	0.0038	µg/L	EPA 525.2m	0.0038	0.01	WKL	
ME-VR2	2018/19-5	Dry	5/8/2019 10:15:00 AM	5/14/2019 8:17:00 PM	gamma-BHC (Lindane)	n/a	<	0.021	µg/L	EPA 608	0.021	0.2	WKL	
ME-VR2	2018/19-5	Dry	5/8/2019 10:15:00 AM	5/14/2019 8:17:00 PM	gamma-Chlordane	n/a	<	0.044	µg/L	EPA 608	0.044	0.1	WKL	
ME-VR2	2018/19-5	Dry	5/8/2019 10:15:00 AM	5/9/2019 10:17:00 PM	Glyphosate	n/a	<	1.8	µg/L	EPA 547	1.8	5	WKL	
ME-VR2	2018/19-5	Dry	5/8/2019 10:15:00 AM	5/14/2019 8:17:00 PM	Heptachlor	n/a	<	0.017	µg/L	EPA 608	0.017	0.1	WKL	
ME-VR2	2018/19-5	Dry	5/8/2019 10:15:00 AM	5/14/2019 8:17:00 PM	Heptachlor epoxide	n/a	<	0.019	µg/L	EPA 608	0.019	0.1	WKL	
ME-VR2	2018/19-5	Dry	5/8/2019 10:15:00 AM	5/22/2019 11:11:00 AM	Malathion	n/a	<	0.0076	µg/L	EPA 525.2m	0.0076	0.01	WKL	
ME-VR2	2018/19-5	Dry	5/8/2019 10:15:00 AM	5/22/2019 11:11:00 AM	Merphos	n/a	<	0.0058	µg/L	EPA 525.2m	0.0058	0.01	WKL	
ME-VR2	2018/19-5	Dry	5/8/2019 10:15:00 AM	5/14/2019 8:17:00 PM	Methoxychlor	n/a	<	0.054	µg/L	EPA 608	0.054	0.2	WKL	
ME-VR2	2018/19-5	Dry	5/8/2019 10:15:00 AM	5/22/2019 11:11:00 AM	Methyl parathion	n/a	<	0.0063	µg/L	EPA 525.2m	0.0063	0.01	WKL	
ME-VR2	2018/19-5	Dry	5/8/2019 10:15:00 AM	5/15/2019 4:40:00 AM	Metolachlor	n/a	<	0.012	µg/L	EPA 525.2	0.012	0.1	WKL	
ME-VR2	2018/19-5	Dry	5/8/2019 10:15:00 AM	5/15/2019 4:40:00 AM	Metribuzin	n/a	<	0.015	µg/L	EPA 525.2	0.015	0.1	WKL	
ME-VR2	2018/19-5	Dry	5/8/2019 10:15:00 AM	5/22/2019 11:11:00 AM	Mevinphos	n/a	<	0.0042	µg/L	EPA 525.2m	0.0042	0.01	WKL	
ME-VR2	2018/19-5	Dry	5/8/2019 10:15:00 AM	5/15/2019 4:40:00 AM	Molinate	n/a	<	0.039	µg/L	EPA 525.2	0.039	0.1	WKL	
ME-VR2	2018/19-5	Dry	5/8/2019 10:15:00 AM	5/22/2019 11:11:00 AM	Naled	n/a	<	0.0076	µg/L	EPA 525.2m	0.0076	0.01	WKL	
ME-VR2	2018/19-5	Dry	5/8/2019 10:15:00 AM	6/3/2019 9:14:00 PM	Pentachlorophenol	n/a	<	0.19	µg/L	EPA 625	0.19	1	WKL	
ME-VR2	2018/19-5	Dry	5/8/2019 10:15:00 AM	5/22/2019 1:33:00 AM	Pentachlorophenol	n/a	<	0.15	µg/L	EPA 8270C	0.15	1	WKL	
ME-VR2	2018/19-5	Dry	5/8/2019 10:15:00 AM	5/16/2019 5:13:00 AM	Pentachlorophenol	n/a	<	0.04	µg/L	EPA 515.4	0.04	0.2	WKL	
ME-VR2	2018/19-5	Dry	5/8/2019 10:15:00 AM	5/22/2019 11:11:00 AM	Phorate	n/a	<	0.003	µg/L	EPA 525.2m	0.003	0.01	WKL	
ME-VR2	2018/19-5	Dry	5/8/2019 10:15:00 AM	5/16/2019 5:13:00 AM	Picloram	n/a	<	0.05	µg/L	EPA 515.4	0.05	0.6	WKL	
ME-VR2	2018/19-5	Dry	5/8/2019 10:15:00 AM	5/15/2019 4:40:00 AM	Prometon	n/a	<	0.024	µg/L	EPA 525.2	0.024	0.2	WKL	
ME-VR2	2018/19-5	Dry	5/8/2019 10:15:00 AM	5/15/2019 4:40:00 AM	Prometryn	n/a	<	0.036	µg/L	EPA 525.2	0.036	0.1	WKL	
ME-VR2	2018/19-5	Dry	5/8/2019 10:15:00 AM	5/22/2019 11:11:00 AM	Ronnel (Fenchlorphos)	n/a	<	0.0041	µg/L	EPA 525.2m	0.0041	0.01	WKL	
ME-VR2	2018/19-5	Dry	5/8/2019 10:15:00 AM	5/15/2019 4:40:00 AM	Simazine	n/a	<	0.015	µg/L	EPA 525.2	0.015	0.1	WKL	
ME-VR2	2018/19-5	Dry	5/8/2019 10:15:00 AM	5/22/2019 11:11:00 AM	Stirophos (Tetrachlorvinphos)	n/a	<	0.0031	µg/L	EPA 525.2m	0.0031	0.01	WKL	
ME-VR2	2018/19-5	Dry	5/8/2019 10:15:00 AM	5/15/2019 4:40:00 AM	Terbacil	n/a	<	0.55	µg/L	EPA 525.2	0.55	2	WKL	
ME-VR2	2018/19-5	Dry	5/8/2019 10:15:00 AM	5/15/2019 4:40:00 AM	Thiobencarb	n/a	<	0.025	µg/L	EPA 525.2	0.025	0.2	WKL	
ME-VR2	2018/19-5	Dry	5/8/2019 10:15:00 AM	5/22/2019 11:11:00 AM	Tokuthion	n/a	<	0.0078	µg/L	EPA 525.2m	0.0078	0.01	WKL	
ME-VR2	2018/19-5	Dry	5/8/2019 10:15:00 AM	5/14/2019 8:17:00 PM	Toxaphene	n/a	<	1.2	µg/L	EPA 608	1.2	5	WKL	
ME-VR2	2018/19-5	Dry	5/8/2019 10:15:00 AM	5/22/2019 11:11:00 AM	Trichloronate	n/a	<	0.0067	µg/L	EPA 525.2m	0.0067	0.01	WKL	
ME-VR2	2018/19-5	Dry	5/8/2019 10:15:00 AM	5/15/2019 4:40:00 AM	Trithion	n/a	<	0.012	µg/L	EPA 525.2	0.012	0.1	WKL	
MO-CAM	2018/19-1	Wet	11/21/2018 10:35:00 PM	11/22/2018 9:00:00 PM	E. Coli	n/a	=	2142	MPN/100 mL	MMO-MUG	10	10	VCHCA	
MO-CAM	2018/19-1	Wet	11/21/2018 10:35:00 PM	11/22/2018 9:00:00 PM	Total Coliform	n/a	=	241960	MPN/100 mL	MMO-MUG	100	100	VCHCA	
MO-CAM	2018/19-1	Wet	11/21/2018 10:35:00 PM	11/21/2018 10:35:00 PM	Conductivity	n/a	=	446.3	µmhos/cm	Field Meter	-88	1	Field Crew	
MO-CAM	2018/19-1	Wet	11/21/2018 10:35:00 PM	11/28/2018 5:16:00 PM	Cyanide	Total	=	0.013	mg/L	ASTM D7511	0.0005	0.002	WKL	
MO-CAM	2018/19-1	Wet	11/21/2018 10:35:00 PM	11/21/2018 10:35:00 PM	DO	n/a	=	86	%	Field Meter	-88	0.1	Field Crew	
MO-CAM	2018/19-1	Wet	11/21/2018 10:35:00 PM	11/21/2018 10:35:00 PM	DO	n/a	=	8.23	mg/L	Field Meter	-88	0.3	Field Crew	
MO-CAM	2018/19-1	Wet	11/21/2018 10:35:00 PM	11/21/2018 10:35:00 PM	pH	n/a	=	6.66	pH Units	Field Meter	-88	0.01	Field Crew	
MO-CAM	2018/19-1	Wet	11/21/2018 10:35:00 PM	11/21/2018 10:35:00 PM	Salinity	n/a	=	200	mg/L	Field Meter	-88	100	Field Crew	
MO-CAM	2018/19-1	Wet	11/21/2018 10:35:00 PM	11/21/2018 10:35:00 PM	Specific Conductance	n/a	=	516	µmhos/cm	Field Meter	-88	1	Field Crew	
MO-CAM	2018/19-1	Wet	11/21/2018 10:35:00 PM	11/21/2018 10:35:00 PM	Temperature	n/a	=	19	°C	Field Meter	-88	0.1	Field Crew	
MO-CAM	2018/19-1	Wet	11/21/2018 10:35:00 PM	11/30/2018 5:21:00 PM	Gasoline Range Organics	n/a	<	0.012	mg/L	LUFT GC/MS	0.012	0.1	WKL	
MO-CAM	2018/19-1	Wet	11/21/2018 10:35:00 PM	11/28/2018 5:00:00 PM	Oil and Grease	n/a	DNQ	2.6	mg/L	EPA 1664A	1.3	5	WKL	
MO-CAM	2018/19-1	Wet	11/21/2018 10:35:00 PM	11/26/2018 7:52:00 PM	2-Chloroethyl vinyl ether	n/a	<	0.28	µg/L	EPA 624	0.28	1	WKL	

Appendix G
Laboratory Environmental Analysis Results

Site ID	Event	Event Type	Sample Date	Analysis Date	Constituent	Fraction	Sign	Result	Units	Method	MDL	Reporting Limit	Analyzing Laboratory	Qualifier
MO-CAM	2018/19-1	Wet	11/21/2018 10:35:00 PM	11/26/2018 7:52:00 PM	Methyl tert-butyl ether (MTBE)	n/a	<	0.25	µg/L	EPA 624	0.25	1	WKL	
MO-CAM	2018/19-1	Wet	11/22/2018 10:26:00 AM	11/26/2018 10:00:00 PM	Chloride	n/a	=	24	mg/L	EPA 300.0	0.2	1	WKL	
MO-CAM	2018/19-1	Wet	11/22/2018 10:26:00 AM	11/26/2018 10:00:00 PM	Fluoride	n/a	=	0.28	mg/L	EPA 300.0	0.04	0.2	WKL	
MO-CAM	2018/19-1	Wet	11/22/2018 10:26:00 AM	11/29/2018 3:38:00 PM	Perchlorate	n/a	=	34	µg/L	EPA 314.0	0.95	2	WKL	
MO-CAM	2018/19-1	Wet	11/22/2018 10:26:00 AM	11/26/2018 10:00:00 PM	Sulfate	Total	=	36	mg/L	EPA 300.0	0.2	1	WKL	
MO-CAM	2018/19-1	Wet	11/22/2018 10:26:00 AM	11/26/2018 4:40:00 PM	Calcium	Total	=	30.8	mg/L	EPA 200.7	0.016	0.1	WKL	
MO-CAM	2018/19-1	Wet	11/22/2018 10:26:00 AM	11/26/2018 4:40:00 PM	Magnesium	Total	=	7.55	mg/L	EPA 200.7	0.012	0.1	WKL	
MO-CAM	2018/19-1	Wet	11/22/2018 10:26:00 AM	11/26/2018 4:40:00 PM	Potassium	Total	=	12	mg/L	EPA 200.7	0.081	0.1	WKL	
MO-CAM	2018/19-1	Wet	11/22/2018 10:26:00 AM	11/27/2018 1:38:00 PM	Sodium	Total	=	20	mg/L	EPA 200.7	0.015	0.5	WKL	
MO-CAM	2018/19-1	Wet	11/22/2018 10:26:00 AM	11/29/2018 12:30:00 PM	Alkalinity as CaCO3	n/a	=	68	mg/L	SM 2320 B	0.56	2	WKL	
MO-CAM	2018/19-1	Wet	11/22/2018 10:26:00 AM	11/28/2018 6:11:00 PM	BOD	n/a	=	59	mg/L	SM 5210 B	2	2	WKL	
MO-CAM	2018/19-1	Wet	11/22/2018 10:26:00 AM	11/27/2018 2:52:00 PM	COD	n/a	=	330	mg/L	EPA 410.4	0.73	5	WKL	
MO-CAM	2018/19-1	Wet	11/22/2018 10:26:00 AM	12/4/2018 2:24:00 PM	Dissolved Inorganic Carbon	Dissolved	=	17	mg/L	SM 5310 B	0.016	0.1	WKL	
MO-CAM	2018/19-1	Wet	11/22/2018 10:26:00 AM	12/3/2018 11:13:00 AM	Dissolved Inorganic Carbon	Dissolved	=	48	mg/L	SM 5310 B	0.013	0.3	WKL	
MO-CAM	2018/19-1	Wet	11/22/2018 10:26:00 AM	11/26/2018 4:40:00 PM	Hardness as CaCO3	Total	=	108	mg/L	EPA 200.7	0.0894	0.662	WKL	
MO-CAM	2018/19-1	Wet	11/22/2018 10:26:00 AM	11/23/2018 6:32:00 PM	MBAS	n/a	=	0.83	mg/L	SM 5540 C	0.095	0.25	WKL	
MO-CAM	2018/19-1	Wet	11/22/2018 10:26:00 AM	12/4/2018 5:45:00 PM	Phenolics	n/a	=	0.046	mg/L	EPA 420.4	0.0042	0.01	WKL	HB-LCSR
MO-CAM	2018/19-1	Wet	11/22/2018 10:26:00 AM	12/3/2018 12:52:00 PM	Specific Conductance	n/a	=	310	µmhos/cm	SM 2510 B	0.23	2	WKL	
MO-CAM	2018/19-1	Wet	11/22/2018 10:26:00 AM	11/26/2018 6:50:00 PM	Total Dissolved Solids	n/a	=	270	mg/L	SM 2540 C	4	10	WKL	
MO-CAM	2018/19-1	Wet	11/22/2018 10:26:00 AM	11/30/2018 12:03:00 PM	Total Organic Carbon	n/a	=	67	mg/L	SM 5310 B	0.016	0.1	WKL	
MO-CAM	2018/19-1	Wet	11/22/2018 10:26:00 AM	11/27/2018 2:15:00 PM	Total Suspended Solids	n/a	=	490	mg/L	SM 2540 D	-88	5	WKL	
MO-CAM	2018/19-1	Wet	11/22/2018 10:26:00 AM	11/23/2018 6:35:00 PM	Turbidity	n/a	=	110	NTU	EPA 180.1	0.072	0.3	WKL	
MO-CAM	2018/19-1	Wet	11/22/2018 10:26:00 AM	11/27/2018 2:15:00 PM	Volatile Suspended Solids	n/a	=	150	mg/L	EPA 160.4	3.1	5	WKL	
MO-CAM	2018/19-1	Wet	11/22/2018 10:26:00 AM	11/30/2018 7:15:00 PM	Diesel Range Organics	n/a	=	1.3	mg/L	EPA 8015D	0.12	0.5	WKL	
MO-CAM	2018/19-1	Wet	11/22/2018 10:26:00 AM	11/30/2018 7:15:00 PM	Oil Range Organics	n/a	<	1.6	mg/L	EPA 8015D	1.6	2.5	WKL	
MO-CAM	2018/19-1	Wet	11/22/2018 10:26:00 AM	11/29/2018 1:33:00 PM	Aluminum	Dissolved	=	78	µg/L	EPA 200.8	1.3	5	WKL	
MO-CAM	2018/19-1	Wet	11/22/2018 10:26:00 AM	11/29/2018 1:33:00 PM	Aluminum	Total	=	5500	µg/L	EPA 200.8	1.3	5	WKL	HB-MSR
MO-CAM	2018/19-1	Wet	11/22/2018 10:26:00 AM	11/29/2018 1:24:00 PM	Antimony	Dissolved	=	1.3	µg/L	EPA 200.8	0.045	0.5	WKL	
MO-CAM	2018/19-1	Wet	11/22/2018 10:26:00 AM	11/29/2018 1:33:00 PM	Antimony	Total	=	2.5	µg/L	EPA 200.8	0.045	0.5	WKL	
MO-CAM	2018/19-1	Wet	11/22/2018 10:26:00 AM	11/29/2018 1:24:00 PM	Arsenic	Dissolved	=	1.6	µg/L	EPA 200.8	0.074	0.4	WKL	
MO-CAM	2018/19-1	Wet	11/22/2018 10:26:00 AM	11/29/2018 1:33:00 PM	Arsenic	Total	=	3.9	µg/L	EPA 200.8	0.074	0.4	WKL	
MO-CAM	2018/19-1	Wet	11/22/2018 10:26:00 AM	11/29/2018 1:33:00 PM	Barium	Total	=	100	µg/L	EPA 200.8	0.071	0.5	WKL	
MO-CAM	2018/19-1	Wet	11/22/2018 10:26:00 AM	11/29/2018 1:24:00 PM	Beryllium	Dissolved	<	0.033	µg/L	EPA 200.8	0.033	0.1	WKL	
MO-CAM	2018/19-1	Wet	11/22/2018 10:26:00 AM	11/29/2018 1:33:00 PM	Beryllium	Total	=	0.25	µg/L	EPA 200.8	0.033	0.1	WKL	
MO-CAM	2018/19-1	Wet	11/22/2018 10:26:00 AM	11/29/2018 1:24:00 PM	Cadmium	Dissolved	DNQ	0.06	µg/L	EPA 200.8	0.041	0.1	WKL	
MO-CAM	2018/19-1	Wet	11/22/2018 10:26:00 AM	11/29/2018 1:33:00 PM	Cadmium	Total	=	0.94	µg/L	EPA 200.8	0.041	0.1	WKL	
MO-CAM	2018/19-1	Wet	11/22/2018 10:26:00 AM	11/29/2018 1:24:00 PM	Chromium	Dissolved	=	0.98	µg/L	EPA 200.8	0.035	0.2	WKL	
MO-CAM	2018/19-1	Wet	11/22/2018 10:26:00 AM	11/29/2018 1:33:00 PM	Chromium	Total	=	13	µg/L	EPA 200.8	0.035	0.2	WKL	
MO-CAM	2018/19-1	Wet	11/22/2018 10:26:00 AM	11/30/2018 10:12:00 PM	Chromium VI	n/a	<	0.096	µg/L	EPA 218.6	0.096	0.4	WKL	
MO-CAM	2018/19-1	Wet	11/22/2018 10:26:00 AM	11/29/2018 1:24:00 PM	Copper	Dissolved	=	10	µg/L	EPA 200.8	0.13	0.5	WKL	
MO-CAM	2018/19-1	Wet	11/22/2018 10:26:00 AM	11/29/2018 1:33:00 PM	Copper	Total	=	74	µg/L	EPA 200.8	0.13	0.5	WKL	
MO-CAM	2018/19-1	Wet	11/22/2018 10:26:00 AM	11/26/2018 4:02:00 PM	Iron	Dissolved	=	240	µg/L	EPA 200.7	1.1	10	WKL	
MO-CAM	2018/19-1	Wet	11/22/2018 10:26:00 AM	11/26/2018 4:40:00 PM	Iron	Total	=	8700	µg/L	EPA 200.7	1.1	10	WKL	
MO-CAM	2018/19-1	Wet	11/22/2018 10:26:00 AM	11/29/2018 1:24:00 PM	Lead	Dissolved	=	0.46	µg/L	EPA 200.8	0.031	0.2	WKL	
MO-CAM	2018/19-1	Wet	11/22/2018 10:26:00 AM	11/29/2018 1:33:00 PM	Lead	Total	=	13	µg/L	EPA 200.8	0.031	0.2	WKL	
MO-CAM	2018/19-1	Wet	11/22/2018 10:26:00 AM	11/28/2018 3:14:00 PM	Mercury	Dissolved	<	17	ng/L	EPA 245.1	17	50	WKL	
MO-CAM	2018/19-1	Wet	11/22/2018 10:26:00 AM	11/28/2018 3:16:00 PM	Mercury	Total	DNQ	38	ng/L	EPA 245.1	17	50	WKL	
MO-CAM	2018/19-1	Wet	11/22/2018 10:26:00 AM	11/29/2018 1:24:00 PM	Nickel	Dissolved	=	7.5	µg/L	EPA 200.8	0.045	0.8	WKL	

Appendix G
Laboratory Environmental Analysis Results

Site ID	Event	Event Type	Sample Date	Analysis Date	Constituent	Fraction	Sign	Result	Units	Method	MDL	Reporting Limit	Analyzing Laboratory	Qualifier
MO-CAM	2018/19-1	Wet	11/22/2018 10:26:00 AM	11/29/2018 1:33:00 PM	Nickel	Total	=	19	µg/L	EPA 200.8	0.045	0.8	WKL	
MO-CAM	2018/19-1	Wet	11/22/2018 10:26:00 AM	11/29/2018 1:24:00 PM	Selenium	Dissolved	DNQ	0.39	µg/L	EPA 200.8	0.14	0.4	WKL	
MO-CAM	2018/19-1	Wet	11/22/2018 10:26:00 AM	11/29/2018 1:33:00 PM	Selenium	Total	=	0.59	µg/L	EPA 200.8	0.14	0.4	WKL	
MO-CAM	2018/19-1	Wet	11/22/2018 10:26:00 AM	11/29/2018 1:24:00 PM	Silver	Dissolved	<	0.062	µg/L	EPA 200.8	0.062	0.2	WKL	
MO-CAM	2018/19-1	Wet	11/22/2018 10:26:00 AM	11/29/2018 1:33:00 PM	Silver	Total	DNQ	0.18	µg/L	EPA 200.8	0.062	0.2	WKL	
MO-CAM	2018/19-1	Wet	11/22/2018 10:26:00 AM	11/29/2018 1:24:00 PM	Thallium	Dissolved	<	0.014	µg/L	EPA 200.8	0.014	0.2	WKL	
MO-CAM	2018/19-1	Wet	11/22/2018 10:26:00 AM	11/29/2018 1:33:00 PM	Thallium	Total	DNQ	0.082	µg/L	EPA 200.8	0.014	0.2	WKL	
MO-CAM	2018/19-1	Wet	11/22/2018 10:26:00 AM	11/29/2018 1:24:00 PM	Zinc	Dissolved	=	73	µg/L	EPA 200.8	0.94	5	WKL	
MO-CAM	2018/19-1	Wet	11/22/2018 10:26:00 AM	11/29/2018 1:33:00 PM	Zinc	Total	=	380	µg/L	EPA 200.8	0.94	5	WKL	
MO-CAM	2018/19-1	Wet	11/22/2018 10:26:00 AM	11/27/2018 4:38:00 PM	Ammonia as N	n/a	=	1.6	mg/L	EPA 350.1	0.048	0.1	WKL	
MO-CAM	2018/19-1	Wet	11/22/2018 10:26:00 AM	12/12/2018 6:03:00 PM	Nitrate + Nitrite as N	n/a	=	1.4	mg/L	EPA 353.2	0.083	0.2	WKL	
MO-CAM	2018/19-1	Wet	11/22/2018 10:26:00 AM	1/25/2019 2:13:00 PM	Phosphorus as P	Dissolved	=	0.68	mg/L	EPA 200.7	0.012	0.02	WKL	
MO-CAM	2018/19-1	Wet	11/22/2018 10:26:00 AM	1/25/2019 2:16:00 PM	Phosphorus as P	Total	=	1.9	mg/L	EPA 200.7	0.012	0.02	WKL	
MO-CAM	2018/19-1	Wet	11/22/2018 10:26:00 AM	11/29/2018 1:50:00 PM	TKN	n/a	=	5	mg/L	EPA 351.2	0.1	0.2	WKL	
MO-CAM	2018/19-1	Wet	11/22/2018 10:26:00 AM	12/28/2018 10:14:00 PM	1,2,4-Trichlorobenzene	n/a	<	2.8	µg/L	EPA 625	2.8	5	WKL	
MO-CAM	2018/19-1	Wet	11/22/2018 10:26:00 AM	12/28/2018 10:14:00 PM	1,2-Dichlorobenzene	n/a	<	2.8	µg/L	EPA 625	2.8	5	WKL	
MO-CAM	2018/19-1	Wet	11/22/2018 10:26:00 AM	12/28/2018 10:14:00 PM	1,2-Diphenylhydrazine	n/a	<	1.2	µg/L	EPA 625	1.2	5	WKL	
MO-CAM	2018/19-1	Wet	11/22/2018 10:26:00 AM	12/28/2018 10:14:00 PM	1,3-Dichlorobenzene	n/a	<	2.6	µg/L	EPA 625	2.6	5	WKL	
MO-CAM	2018/19-1	Wet	11/22/2018 10:26:00 AM	12/28/2018 10:14:00 PM	1,4-Dichlorobenzene	n/a	<	2.8	µg/L	EPA 625	2.8	5	WKL	
MO-CAM	2018/19-1	Wet	11/22/2018 10:26:00 AM	1/4/2019 4:29:00 AM	1-Methylnaphthalene	n/a	<	0.5	µg/L	EPA 8270C	0.5	0.5	WKL	
MO-CAM	2018/19-1	Wet	11/22/2018 10:26:00 AM	1/2/2019 6:55:00 PM	2,4,5-Trichlorophenol	n/a	<	1.4	µg/L	EPA 8270C	1.4	5	WKL	
MO-CAM	2018/19-1	Wet	11/22/2018 10:26:00 AM	1/2/2019 6:55:00 PM	2,4,6-Trichlorophenol	n/a	<	1.5	µg/L	EPA 8270C	1.5	5	WKL	
MO-CAM	2018/19-1	Wet	11/22/2018 10:26:00 AM	12/28/2018 10:14:00 PM	2,4,6-Trichlorophenol	n/a	<	1.1	µg/L	EPA 625	1.1	5	WKL	
MO-CAM	2018/19-1	Wet	11/22/2018 10:26:00 AM	12/28/2018 10:14:00 PM	2,4-Dichlorophenol	n/a	<	1.3	µg/L	EPA 625	1.3	5	WKL	
MO-CAM	2018/19-1	Wet	11/22/2018 10:26:00 AM	1/2/2019 6:55:00 PM	2,4-Dichlorophenol	n/a	<	2.6	µg/L	EPA 8270C	2.6	5	WKL	
MO-CAM	2018/19-1	Wet	11/22/2018 10:26:00 AM	12/28/2018 10:14:00 PM	2,4-Dimethylphenol	n/a	<	1.5	µg/L	EPA 625	1.5	5	WKL	
MO-CAM	2018/19-1	Wet	11/22/2018 10:26:00 AM	1/2/2019 6:55:00 PM	2,4-Dimethylphenol	n/a	<	5	µg/L	EPA 8270C	5	10	WKL	
MO-CAM	2018/19-1	Wet	11/22/2018 10:26:00 AM	12/28/2018 10:14:00 PM	2,4-Dinitrophenol	n/a	<	7.9	µg/L	EPA 625	7.9	50	WKL	
MO-CAM	2018/19-1	Wet	11/22/2018 10:26:00 AM	1/2/2019 6:55:00 PM	2,4-Dinitrophenol	n/a	<	5	µg/L	EPA 8270C	5	10	WKL	
MO-CAM	2018/19-1	Wet	11/22/2018 10:26:00 AM	12/28/2018 10:14:00 PM	2,4-Dinitrotoluene	n/a	<	0.9	µg/L	EPA 625	0.9	5	WKL	
MO-CAM	2018/19-1	Wet	11/22/2018 10:26:00 AM	12/28/2018 10:14:00 PM	2,6-Dinitrotoluene	n/a	<	1.4	µg/L	EPA 625	1.4	5	WKL	
MO-CAM	2018/19-1	Wet	11/22/2018 10:26:00 AM	12/28/2018 10:14:00 PM	2-Chloronaphthalene	n/a	<	2.2	µg/L	EPA 625	2.2	5	WKL	
MO-CAM	2018/19-1	Wet	11/22/2018 10:26:00 AM	12/28/2018 10:14:00 PM	2-Chlorophenol	n/a	<	1.4	µg/L	EPA 625	1.4	5	WKL	
MO-CAM	2018/19-1	Wet	11/22/2018 10:26:00 AM	1/2/2019 6:55:00 PM	2-Chlorophenol	n/a	<	3.2	µg/L	EPA 8270C	3.2	5	WKL	
MO-CAM	2018/19-1	Wet	11/22/2018 10:26:00 AM	1/4/2019 4:29:00 AM	2-Methylnaphthalene	n/a	<	0.5	µg/L	EPA 8270C	0.5	0.5	WKL	
MO-CAM	2018/19-1	Wet	11/22/2018 10:26:00 AM	1/2/2019 6:55:00 PM	2-Methylphenol	n/a	<	1.7	µg/L	EPA 8270C	1.7	5	WKL	
MO-CAM	2018/19-1	Wet	11/22/2018 10:26:00 AM	12/28/2018 10:14:00 PM	2-Nitrophenol	n/a	<	1.3	µg/L	EPA 625	1.3	5	WKL	
MO-CAM	2018/19-1	Wet	11/22/2018 10:26:00 AM	1/2/2019 6:55:00 PM	2-Nitrophenol	n/a	<	3.6	µg/L	EPA 8270C	3.6	5	WKL	
MO-CAM	2018/19-1	Wet	11/22/2018 10:26:00 AM	12/28/2018 10:14:00 PM	3,3'-Dichlorobenzidine	n/a	<	6	µg/L	EPA 625	6	25	WKL	
MO-CAM	2018/19-1	Wet	11/22/2018 10:26:00 AM	1/2/2019 6:55:00 PM	3-/4-Methylphenol	n/a	<	1.5	µg/L	EPA 8270C	1.5	5	WKL	
MO-CAM	2018/19-1	Wet	11/22/2018 10:26:00 AM	12/28/2018 10:14:00 PM	4,6-Dinitro-2-methylphenol	n/a	<	8.6	µg/L	EPA 625	8.6	25	WKL	
MO-CAM	2018/19-1	Wet	11/22/2018 10:26:00 AM	1/2/2019 6:55:00 PM	4,6-Dinitro-2-methylphenol	n/a	<	0.7	µg/L	EPA 8270C	0.7	5	WKL	
MO-CAM	2018/19-1	Wet	11/22/2018 10:26:00 AM	12/28/2018 10:14:00 PM	4-Bromophenyl phenyl ether	n/a	<	1.8	µg/L	EPA 625	1.8	5	WKL	
MO-CAM	2018/19-1	Wet	11/22/2018 10:26:00 AM	12/28/2018 10:14:00 PM	4-Chloro-3-methylphenol	n/a	<	1.2	µg/L	EPA 625	1.2	5	WKL	
MO-CAM	2018/19-1	Wet	11/22/2018 10:26:00 AM	1/2/2019 6:55:00 PM	4-Chloro-3-methylphenol	n/a	<	1.8	µg/L	EPA 8270C	1.8	5	WKL	
MO-CAM	2018/19-1	Wet	11/22/2018 10:26:00 AM	12/28/2018 10:14:00 PM	4-Chlorophenyl phenyl ether	n/a	<	2	µg/L	EPA 625	2	5	WKL	
MO-CAM	2018/19-1	Wet	11/22/2018 10:26:00 AM	1/2/2019 6:55:00 PM	4-Nitrophenol	n/a	<	5	µg/L	EPA 8270C	5	10	WKL	
MO-CAM	2018/19-1	Wet	11/22/2018 10:26:00 AM	12/28/2018 10:14:00 PM	4-Nitrophenol	n/a	<	2.2	µg/L	EPA 625	2.2	25	WKL	

Appendix G
Laboratory Environmental Analysis Results

Site ID	Event	Event Type	Sample Date	Analysis Date	Constituent	Fraction	Sign	Result	Units	Method	MDL	Reporting Limit	Analyzing Laboratory	Qualifier
MO-CAM	2018/19-1	Wet	11/22/2018 10:26:00 AM	12/28/2018 10:14:00 PM	Acenaphthene	n/a	<	1.9	µg/L	EPA 625	1.9	5	WKL	
MO-CAM	2018/19-1	Wet	11/22/2018 10:26:00 AM	1/4/2019 4:29:00 AM	Acenaphthene	n/a	<	0.5	µg/L	EPA 8270C	0.5	0.5	WKL	
MO-CAM	2018/19-1	Wet	11/22/2018 10:26:00 AM	12/28/2018 10:14:00 PM	Acenaphthylene	n/a	<	2	µg/L	EPA 625	2	5	WKL	
MO-CAM	2018/19-1	Wet	11/22/2018 10:26:00 AM	1/4/2019 4:29:00 AM	Acenaphthylene	n/a	<	0.5	µg/L	EPA 8270C	0.5	0.5	WKL	
MO-CAM	2018/19-1	Wet	11/22/2018 10:26:00 AM	12/28/2018 10:14:00 PM	Anthracene	n/a	<	1.7	µg/L	EPA 625	1.7	5	WKL	
MO-CAM	2018/19-1	Wet	11/22/2018 10:26:00 AM	1/4/2019 4:29:00 AM	Anthracene	n/a	<	0.5	µg/L	EPA 8270C	0.5	0.5	WKL	
MO-CAM	2018/19-1	Wet	11/22/2018 10:26:00 AM	12/28/2018 10:14:00 PM	Benz(a)anthracene	n/a	<	0.95	µg/L	EPA 625	0.95	5	WKL	
MO-CAM	2018/19-1	Wet	11/22/2018 10:26:00 AM	1/4/2019 4:29:00 AM	Benz(a)anthracene	n/a	<	0.5	µg/L	EPA 8270C	0.5	0.5	WKL	
MO-CAM	2018/19-1	Wet	11/22/2018 10:26:00 AM	12/28/2018 10:14:00 PM	Benzenidine	n/a	<	18	µg/L	EPA 625	18	50	WKL	
MO-CAM	2018/19-1	Wet	11/22/2018 10:26:00 AM	12/14/2018 3:50:00 AM	Benzo(a)pyrene	n/a	<	0.14	µg/L	EPA 525.2	0.14	0.2	WKL	
MO-CAM	2018/19-1	Wet	11/22/2018 10:26:00 AM	12/28/2018 10:14:00 PM	Benzo(a)pyrene	n/a	<	0.65	µg/L	EPA 625	0.65	5	WKL	
MO-CAM	2018/19-1	Wet	11/22/2018 10:26:00 AM	1/4/2019 4:29:00 AM	Benzo(a)pyrene	n/a	<	0.5	µg/L	EPA 8270C	0.5	0.5	WKL	
MO-CAM	2018/19-1	Wet	11/22/2018 10:26:00 AM	12/28/2018 10:14:00 PM	Benzo(b)fluoranthene	n/a	<	0.7	µg/L	EPA 625	0.7	5	WKL	
MO-CAM	2018/19-1	Wet	11/22/2018 10:26:00 AM	1/4/2019 4:29:00 AM	Benzo(b)fluoranthene	n/a	<	0.5	µg/L	EPA 8270C	0.5	0.5	WKL	
MO-CAM	2018/19-1	Wet	11/22/2018 10:26:00 AM	1/4/2019 4:29:00 AM	Benzo(g,h,i)perylene	n/a	<	0.5	µg/L	EPA 8270C	0.5	0.5	WKL	
MO-CAM	2018/19-1	Wet	11/22/2018 10:26:00 AM	12/28/2018 10:14:00 PM	Benzo(g,h,i)perylene	n/a	<	0.5	µg/L	EPA 625	0.5	10	WKL	
MO-CAM	2018/19-1	Wet	11/22/2018 10:26:00 AM	12/28/2018 10:14:00 PM	Benzo(k)fluoranthene	n/a	<	1.1	µg/L	EPA 625	1.1	5	WKL	
MO-CAM	2018/19-1	Wet	11/22/2018 10:26:00 AM	1/4/2019 4:29:00 AM	Benzo(k)fluoranthene	n/a	<	0.5	µg/L	EPA 8270C	0.5	0.5	WKL	
MO-CAM	2018/19-1	Wet	11/22/2018 10:26:00 AM	12/28/2018 10:14:00 PM	Bis(2-chloroethoxy)methane	n/a	<	1.2	µg/L	EPA 625	1.2	5	WKL	
MO-CAM	2018/19-1	Wet	11/22/2018 10:26:00 AM	12/28/2018 10:14:00 PM	Bis(2-chloroethyl)ether	n/a	<	1.4	µg/L	EPA 625	1.4	5	WKL	
MO-CAM	2018/19-1	Wet	11/22/2018 10:26:00 AM	12/28/2018 10:14:00 PM	Bis(2-chloroisopropyl)ether	n/a	<	1.9	µg/L	EPA 625	1.9	5	WKL	
MO-CAM	2018/19-1	Wet	11/22/2018 10:26:00 AM	12/14/2018 3:50:00 AM	Bis(2-ethylhexyl)adipate	n/a	<	0.21	µg/L	EPA 525.2	0.21	10	WKL	
MO-CAM	2018/19-1	Wet	11/22/2018 10:26:00 AM	12/14/2018 3:50:00 AM	Bis(2-ethylhexyl)phthalate	n/a	DNQ	3.9	µg/L	EPA 525.2	2.1	6	WKL	
MO-CAM	2018/19-1	Wet	11/22/2018 10:26:00 AM	12/28/2018 10:14:00 PM	Bis(2-ethylhexyl)phthalate	n/a	<	12	µg/L	EPA 625	12	25	WKL	
MO-CAM	2018/19-1	Wet	11/22/2018 10:26:00 AM	12/28/2018 10:14:00 PM	Butyl benzyl phthalate	n/a	DNQ	0.96	µg/L	EPA 625	0.9	5	WKL	UL-MB
MO-CAM	2018/19-1	Wet	11/22/2018 10:26:00 AM	1/4/2019 4:29:00 AM	Chrysene	n/a	<	0.5	µg/L	EPA 8270C	0.5	0.5	WKL	
MO-CAM	2018/19-1	Wet	11/22/2018 10:26:00 AM	12/28/2018 10:14:00 PM	Chrysene	n/a	<	0.95	µg/L	EPA 625	0.95	5	WKL	
MO-CAM	2018/19-1	Wet	11/22/2018 10:26:00 AM	1/4/2019 4:29:00 AM	Dibenz(a,h)anthracene	n/a	<	0.5	µg/L	EPA 8270C	0.5	0.5	WKL	
MO-CAM	2018/19-1	Wet	11/22/2018 10:26:00 AM	12/28/2018 10:14:00 PM	Dibenz(a,h)anthracene	n/a	<	0.4	µg/L	EPA 625	0.4	10	WKL	
MO-CAM	2018/19-1	Wet	11/22/2018 10:26:00 AM	12/28/2018 10:14:00 PM	Diethyl phthalate	n/a	<	0.75	µg/L	EPA 625	0.75	5	WKL	
MO-CAM	2018/19-1	Wet	11/22/2018 10:26:00 AM	12/28/2018 10:14:00 PM	Dimethyl phthalate	n/a	<	0.9	µg/L	EPA 625	0.9	5	WKL	
MO-CAM	2018/19-1	Wet	11/22/2018 10:26:00 AM	12/28/2018 10:14:00 PM	Di-n-butylphthalate	n/a	<	1.2	µg/L	EPA 625	1.2	5	WKL	
MO-CAM	2018/19-1	Wet	11/22/2018 10:26:00 AM	12/28/2018 10:14:00 PM	Di-n-octylphthalate	n/a	<	0.95	µg/L	EPA 625	0.95	5	WKL	
MO-CAM	2018/19-1	Wet	11/22/2018 10:26:00 AM	1/4/2019 4:29:00 AM	Fluoranthene	n/a	<	0.5	µg/L	EPA 8270C	0.5	0.5	WKL	
MO-CAM	2018/19-1	Wet	11/22/2018 10:26:00 AM	12/28/2018 10:14:00 PM	Fluoranthene	n/a	<	1.1	µg/L	EPA 625	1.1	5	WKL	
MO-CAM	2018/19-1	Wet	11/22/2018 10:26:00 AM	12/28/2018 10:14:00 PM	Fluorene	n/a	<	1.8	µg/L	EPA 625	1.8	5	WKL	
MO-CAM	2018/19-1	Wet	11/22/2018 10:26:00 AM	1/4/2019 4:29:00 AM	Fluorene	n/a	<	0.5	µg/L	EPA 8270C	0.5	0.5	WKL	
MO-CAM	2018/19-1	Wet	11/22/2018 10:26:00 AM	12/28/2018 10:14:00 PM	Hexachlorobenzene	n/a	<	2.4	µg/L	EPA 625	2.4	5	WKL	
MO-CAM	2018/19-1	Wet	11/22/2018 10:26:00 AM	12/28/2018 10:14:00 PM	Hexachlorobutadiene	n/a	<	2.4	µg/L	EPA 625	2.4	5	WKL	
MO-CAM	2018/19-1	Wet	11/22/2018 10:26:00 AM	12/28/2018 10:14:00 PM	Hexachlorocyclopentadiene	n/a	<	7.3	µg/L	EPA 625	7.3	25	WKL	
MO-CAM	2018/19-1	Wet	11/22/2018 10:26:00 AM	12/28/2018 10:14:00 PM	Hexachloroethane	n/a	<	2.6	µg/L	EPA 625	2.6	5	WKL	
MO-CAM	2018/19-1	Wet	11/22/2018 10:26:00 AM	12/28/2018 10:14:00 PM	Indeno(1,2,3-cd)pyrene	n/a	<	0.6	µg/L	EPA 625	0.6	10	WKL	
MO-CAM	2018/19-1	Wet	11/22/2018 10:26:00 AM	1/4/2019 4:29:00 AM	Indeno(1,2,3-cd)pyrene	n/a	<	0.5	µg/L	EPA 8270C	0.5	0.5	WKL	
MO-CAM	2018/19-1	Wet	11/22/2018 10:26:00 AM	12/28/2018 10:14:00 PM	Isophorone	n/a	<	1	µg/L	EPA 625	1	5	WKL	
MO-CAM	2018/19-1	Wet	11/22/2018 10:26:00 AM	1/4/2019 4:29:00 AM	Naphthalene	n/a	<	0.5	µg/L	EPA 8270C	0.5	0.5	WKL	
MO-CAM	2018/19-1	Wet	11/22/2018 10:26:00 AM	12/28/2018 10:14:00 PM	Naphthalene	n/a	<	2.4	µg/L	EPA 625	2.4	5	WKL	
MO-CAM	2018/19-1	Wet	11/22/2018 10:26:00 AM	12/28/2018 10:14:00 PM	Nitrobenzene	n/a	<	1.8	µg/L	EPA 625	1.8	5	WKL	
MO-CAM	2018/19-1	Wet	11/22/2018 10:26:00 AM	12/28/2018 10:14:00 PM	N-Nitrosodimethylamine	n/a	<	0.7	µg/L	EPA 625	0.7	5	WKL	

Appendix G
Laboratory Environmental Analysis Results

Site ID	Event	Event Type	Sample Date	Analysis Date	Constituent	Fraction	Sign	Result	Units	Method	MDL	Reporting Limit	Analyzing Laboratory	Qualifier
MO-CAM	2018/19-1	Wet	11/22/2018 10:26:00 AM	12/28/2018 10:14:00 PM	N-Nitrosodi-N-propylamine	n/a	<	1.3	µg/L	EPA 625	1.3	5	WKL	
MO-CAM	2018/19-1	Wet	11/22/2018 10:26:00 AM	12/28/2018 10:14:00 PM	N-Nitrosodiphenylamine	n/a	<	0.95	µg/L	EPA 625	0.95	5	WKL	
MO-CAM	2018/19-1	Wet	11/22/2018 10:26:00 AM	12/28/2018 10:14:00 PM	Phenanthrene	n/a	<	1.6	µg/L	EPA 625	1.6	5	WKL	
MO-CAM	2018/19-1	Wet	11/22/2018 10:26:00 AM	1/4/2019 4:29:00 AM	Phenanthrene	n/a	<	0.5	µg/L	EPA 8270C	0.5	0.5	WKL	
MO-CAM	2018/19-1	Wet	11/22/2018 10:26:00 AM	1/2/2019 6:55:00 PM	Phenol	n/a	<	1.8	µg/L	EPA 8270C	1.8	5	WKL	
MO-CAM	2018/19-1	Wet	11/22/2018 10:26:00 AM	12/28/2018 10:14:00 PM	Phenol	n/a	<	0.8	µg/L	EPA 625	0.8	5	WKL	
MO-CAM	2018/19-1	Wet	11/22/2018 10:26:00 AM	1/4/2019 4:29:00 AM	Pyrene	n/a	<	0.5	µg/L	EPA 8270C	0.5	0.5	WKL	
MO-CAM	2018/19-1	Wet	11/22/2018 10:26:00 AM	12/28/2018 10:14:00 PM	Pyrene	n/a	<	1.2	µg/L	EPA 625	1.2	5	WKL	
MO-CAM	2018/19-1	Wet	11/22/2018 10:26:00 AM	12/20/2018 12:40:00 AM	PCB Aroclor 1016	n/a	<	1	µg/L	EPA 608	1	10	WKL	
MO-CAM	2018/19-1	Wet	11/22/2018 10:26:00 AM	12/20/2018 12:40:00 AM	PCB Aroclor 1221	n/a	<	1.2	µg/L	EPA 608	1.2	10	WKL	
MO-CAM	2018/19-1	Wet	11/22/2018 10:26:00 AM	12/20/2018 12:40:00 AM	PCB Aroclor 1232	n/a	<	3	µg/L	EPA 608	3	10	WKL	
MO-CAM	2018/19-1	Wet	11/22/2018 10:26:00 AM	12/20/2018 12:40:00 AM	PCB Aroclor 1242	n/a	<	1.4	µg/L	EPA 608	1.4	10	WKL	
MO-CAM	2018/19-1	Wet	11/22/2018 10:26:00 AM	12/20/2018 12:40:00 AM	PCB Aroclor 1248	n/a	<	1.2	µg/L	EPA 608	1.2	10	WKL	
MO-CAM	2018/19-1	Wet	11/22/2018 10:26:00 AM	12/20/2018 12:40:00 AM	PCB Aroclor 1254	n/a	<	0.8	µg/L	EPA 608	0.8	10	WKL	
MO-CAM	2018/19-1	Wet	11/22/2018 10:26:00 AM	12/20/2018 12:40:00 AM	PCB Aroclor 1260	n/a	<	0.8	µg/L	EPA 608	0.8	10	WKL	
MO-CAM	2018/19-1	Wet	11/22/2018 10:26:00 AM	12/15/2018 2:11:00 AM	2,4,5-T	n/a	<	0.07	µg/L	EPA 515.3	0.07	0.2	WKL	
MO-CAM	2018/19-1	Wet	11/22/2018 10:26:00 AM	12/15/2018 2:11:00 AM	2,4,5-TP	n/a	<	0.09	µg/L	EPA 515.3	0.09	0.2	WKL	
MO-CAM	2018/19-1	Wet	11/22/2018 10:26:00 AM	12/15/2018 2:11:00 AM	2,4-D	n/a	<	0.07	µg/L	EPA 515.3	0.07	0.4	WKL	
MO-CAM	2018/19-1	Wet	11/22/2018 10:26:00 AM	12/15/2018 2:11:00 AM	2,4-DB	n/a	<	7	µg/L	EPA 515.3	7	7	WKL	
MO-CAM	2018/19-1	Wet	11/22/2018 10:26:00 AM	12/15/2018 2:11:00 AM	3,5-Dichlorobenzoic acid	n/a	<	0.09	µg/L	EPA 515.3	0.09	1	WKL	
MO-CAM	2018/19-1	Wet	11/22/2018 10:26:00 AM	12/20/2018 12:40:00 AM	4,4'-DDD	n/a	<	0.06	µg/L	EPA 608	0.06	1	WKL	
MO-CAM	2018/19-1	Wet	11/22/2018 10:26:00 AM	12/20/2018 12:40:00 AM	4,4'-DDE	n/a	<	0.05	µg/L	EPA 608	0.05	1	WKL	
MO-CAM	2018/19-1	Wet	11/22/2018 10:26:00 AM	12/20/2018 12:40:00 AM	4,4'-DDT	n/a	<	0.062	µg/L	EPA 608	0.062	0.2	WKL	
MO-CAM	2018/19-1	Wet	11/22/2018 10:26:00 AM	12/15/2018 2:11:00 AM	Acifluorfen	n/a	<	0.06	µg/L	EPA 515.3	0.06	0.4	WKL	
MO-CAM	2018/19-1	Wet	11/22/2018 10:26:00 AM	12/14/2018 3:50:00 AM	Alachlor	n/a	<	0.044	µg/L	EPA 525.2	0.044	0.2	WKL	
MO-CAM	2018/19-1	Wet	11/22/2018 10:26:00 AM	12/20/2018 12:40:00 AM	Aldrin	n/a	<	0.03	µg/L	EPA 608	0.03	0.1	WKL	
MO-CAM	2018/19-1	Wet	11/22/2018 10:26:00 AM	12/20/2018 12:40:00 AM	alpha-BHC	n/a	<	0.036	µg/L	EPA 608	0.036	0.2	WKL	
MO-CAM	2018/19-1	Wet	11/22/2018 10:26:00 AM	12/20/2018 12:40:00 AM	alpha-Chlordane	n/a	<	0.082	µg/L	EPA 608	0.082	0.2	WKL	
MO-CAM	2018/19-1	Wet	11/22/2018 10:26:00 AM	12/14/2018 3:50:00 AM	Atrazine	n/a	<	0.068	µg/L	EPA 525.2	0.068	0.2	WKL	
MO-CAM	2018/19-1	Wet	11/22/2018 10:26:00 AM	12/12/2018 5:38:00 AM	Azinphos methyl	n/a	<	0.011	µg/L	EPA 525.2m	0.011	0.02	WKL	
MO-CAM	2018/19-1	Wet	11/22/2018 10:26:00 AM	12/15/2018 2:11:00 AM	Bentazon	n/a	<	0.11	µg/L	EPA 515.3	0.11	2	WKL	
MO-CAM	2018/19-1	Wet	11/22/2018 10:26:00 AM	12/20/2018 12:40:00 AM	beta-BHC	n/a	<	0.062	µg/L	EPA 608	0.062	0.1	WKL	
MO-CAM	2018/19-1	Wet	11/22/2018 10:26:00 AM	12/12/2018 5:38:00 AM	Bolstar	n/a	<	0.0092	µg/L	EPA 525.2m	0.0092	0.02	WKL	
MO-CAM	2018/19-1	Wet	11/22/2018 10:26:00 AM	12/14/2018 3:50:00 AM	Bromacil	n/a	<	0.076	µg/L	EPA 525.2	0.076	2	WKL	
MO-CAM	2018/19-1	Wet	11/22/2018 10:26:00 AM	12/14/2018 3:50:00 AM	Butachlor	n/a	<	0.034	µg/L	EPA 525.2	0.034	0.4	WKL	
MO-CAM	2018/19-1	Wet	11/22/2018 10:26:00 AM	12/14/2018 3:50:00 AM	Captan	n/a	<	1.7	µg/L	EPA 525.2	1.7	2	WKL	
MO-CAM	2018/19-1	Wet	11/22/2018 10:26:00 AM	12/20/2018 12:40:00 AM	Chlordane (technical)	n/a	<	1.6	µg/L	EPA 608	1.6	2	WKL	
MO-CAM	2018/19-1	Wet	11/22/2018 10:26:00 AM	12/14/2018 3:50:00 AM	Chloroprotham	n/a	<	0.02	µg/L	EPA 525.2	0.02	0.2	WKL	
MO-CAM	2018/19-1	Wet	11/22/2018 10:26:00 AM	12/12/2018 5:38:00 AM	Chlorpyrifos	n/a	<	0.014	µg/L	EPA 525.2m	0.014	0.02	WKL	
MO-CAM	2018/19-1	Wet	11/22/2018 10:26:00 AM	12/12/2018 5:38:00 AM	Coumaphos	n/a	<	0.01	µg/L	EPA 525.2m	0.01	0.02	WKL	
MO-CAM	2018/19-1	Wet	11/22/2018 10:26:00 AM	12/14/2018 3:50:00 AM	Cyanazine	n/a	<	0.048	µg/L	EPA 525.2	0.048	0.2	WKL	
MO-CAM	2018/19-1	Wet	11/22/2018 10:26:00 AM	12/15/2018 2:11:00 AM	Dalapon	n/a	<	0.1	µg/L	EPA 515.3	0.1	0.4	WKL	
MO-CAM	2018/19-1	Wet	11/22/2018 10:26:00 AM	12/15/2018 2:11:00 AM	DCPA (Dacthal)	n/a	=	0.22	µg/L	EPA 515.3	0.07	0.1	WKL	
MO-CAM	2018/19-1	Wet	11/22/2018 10:26:00 AM	12/20/2018 12:40:00 AM	delta-BHC	n/a	<	0.05	µg/L	EPA 608	0.05	0.1	WKL	
MO-CAM	2018/19-1	Wet	11/22/2018 10:26:00 AM	12/12/2018 5:38:00 AM	Demeton-O	n/a	<	0.02	µg/L	EPA 525.2m	0.02	0.02	WKL	
MO-CAM	2018/19-1	Wet	11/22/2018 10:26:00 AM	12/12/2018 5:38:00 AM	Demeton-S	n/a	<	0.02	µg/L	EPA 525.2m	0.02	0.02	WKL	
MO-CAM	2018/19-1	Wet	11/22/2018 10:26:00 AM	12/14/2018 3:50:00 AM	Diazinon	n/a	<	0.19	µg/L	EPA 525.2	0.19	0.2	WKL	
MO-CAM	2018/19-1	Wet	11/22/2018 10:26:00 AM	12/12/2018 5:38:00 AM	Diazinon	n/a	<	0.01	µg/L	EPA 525.2m	0.01	0.02	WKL	

Appendix G
Laboratory Environmental Analysis Results

Site ID	Event	Event Type	Sample Date	Analysis Date	Constituent	Fraction	Sign	Result	Units	Method	MDL	Reporting Limit	Analyzing Laboratory	Qualifier
MO-CAM	2018/19-1	Wet	11/22/2018 10:26:00 AM	12/15/2018 2:11:00 AM	Dicamba	n/a	<	0.12	µg/L	EPA 515.3	0.12	0.6	WKL	
MO-CAM	2018/19-1	Wet	11/22/2018 10:26:00 AM	12/15/2018 2:11:00 AM	Dichlorprop	n/a	<	0.08	µg/L	EPA 515.3	0.08	0.3	WKL	
MO-CAM	2018/19-1	Wet	11/22/2018 10:26:00 AM	12/12/2018 5:38:00 AM	Dichlorvos	n/a	DNQ	0.0092	µg/L	EPA 525.2m	0.0058	0.02	WKL	
MO-CAM	2018/19-1	Wet	11/22/2018 10:26:00 AM	12/20/2018 12:40:00 AM	Dieldrin	n/a	<	0.042	µg/L	EPA 608	0.042	0.2	WKL	
MO-CAM	2018/19-1	Wet	11/22/2018 10:26:00 AM	12/14/2018 3:50:00 AM	Dimethoate	n/a	<	0.048	µg/L	EPA 525.2	0.048	0.4	WKL	
MO-CAM	2018/19-1	Wet	11/22/2018 10:26:00 AM	12/12/2018 5:38:00 AM	Dimethoate	n/a	<	0.012	µg/L	EPA 525.2m	0.012	0.02	WKL	
MO-CAM	2018/19-1	Wet	11/22/2018 10:26:00 AM	12/15/2018 2:11:00 AM	Dinoseb	n/a	<	0.14	µg/L	EPA 515.3	0.14	0.4	WKL	
MO-CAM	2018/19-1	Wet	11/22/2018 10:26:00 AM	12/14/2018 3:50:00 AM	Diphenamid	n/a	<	0.048	µg/L	EPA 525.2	0.048	0.2	WKL	
MO-CAM	2018/19-1	Wet	11/22/2018 10:26:00 AM	12/12/2018 5:38:00 AM	Disulfoton	n/a	<	0.02	µg/L	EPA 525.2m	0.02	0.02	WKL	
MO-CAM	2018/19-1	Wet	11/22/2018 10:26:00 AM	12/14/2018 3:50:00 AM	Disulfoton	n/a	<	0.062	µg/L	EPA 525.2	0.062	0.2	WKL	
MO-CAM	2018/19-1	Wet	11/22/2018 10:26:00 AM	12/20/2018 12:40:00 AM	Endosulfan I	n/a	<	0.034	µg/L	EPA 608	0.034	0.4	WKL	
MO-CAM	2018/19-1	Wet	11/22/2018 10:26:00 AM	12/20/2018 12:40:00 AM	Endosulfan II	n/a	<	0.038	µg/L	EPA 608	0.038	0.2	WKL	
MO-CAM	2018/19-1	Wet	11/22/2018 10:26:00 AM	12/20/2018 12:40:00 AM	Endosulfan sulfate	n/a	<	0.16	µg/L	EPA 608	0.16	1	WKL	
MO-CAM	2018/19-1	Wet	11/22/2018 10:26:00 AM	12/20/2018 12:40:00 AM	Endrin	n/a	<	0.056	µg/L	EPA 608	0.056	0.2	WKL	
MO-CAM	2018/19-1	Wet	11/22/2018 10:26:00 AM	12/20/2018 12:40:00 AM	Endrin aldehyde	n/a	<	0.06	µg/L	EPA 608	0.06	0.2	WKL	
MO-CAM	2018/19-1	Wet	11/22/2018 10:26:00 AM	12/14/2018 3:50:00 AM	EPTC	n/a	<	0.034	µg/L	EPA 525.2	0.034	2	WKL	
MO-CAM	2018/19-1	Wet	11/22/2018 10:26:00 AM	12/12/2018 5:38:00 AM	Ethoprop	n/a	<	0.013	µg/L	EPA 525.2m	0.013	0.02	WKL	
MO-CAM	2018/19-1	Wet	11/22/2018 10:26:00 AM	12/12/2018 5:38:00 AM	Ethyl parathion	n/a	<	0.011	µg/L	EPA 525.2m	0.011	0.02	WKL	
MO-CAM	2018/19-1	Wet	11/22/2018 10:26:00 AM	12/12/2018 5:38:00 AM	Fensulfothion	n/a	<	0.0058	µg/L	EPA 525.2m	0.0058	0.02	WKL	
MO-CAM	2018/19-1	Wet	11/22/2018 10:26:00 AM	12/12/2018 5:38:00 AM	Fenthion	n/a	<	0.0076	µg/L	EPA 525.2m	0.0076	0.02	WKL	
MO-CAM	2018/19-1	Wet	11/22/2018 10:26:00 AM	12/20/2018 12:40:00 AM	gamma-BHC (Lindane)	n/a	<	0.042	µg/L	EPA 608	0.042	0.4	WKL	
MO-CAM	2018/19-1	Wet	11/22/2018 10:26:00 AM	12/20/2018 12:40:00 AM	gamma-Chlordane	n/a	<	0.088	µg/L	EPA 608	0.088	0.2	WKL	
MO-CAM	2018/19-1	Wet	11/22/2018 10:26:00 AM	11/28/2018 11:20:00 PM	Glyphosate	n/a	DNQ	24	µg/L	EPA 547	9	25	WKL	
MO-CAM	2018/19-1	Wet	11/22/2018 10:26:00 AM	12/20/2018 12:40:00 AM	Heptachlor	n/a	<	0.034	µg/L	EPA 608	0.034	0.2	WKL	
MO-CAM	2018/19-1	Wet	11/22/2018 10:26:00 AM	12/20/2018 12:40:00 AM	Heptachlor epoxide	n/a	<	0.038	µg/L	EPA 608	0.038	0.2	WKL	
MO-CAM	2018/19-1	Wet	11/22/2018 10:26:00 AM	12/12/2018 5:38:00 AM	Malathion	n/a	=	0.051	µg/L	EPA 525.2m	0.051	0.02	WKL	
MO-CAM	2018/19-1	Wet	11/22/2018 10:26:00 AM	12/12/2018 5:38:00 AM	Merphos	n/a	<	0.012	µg/L	EPA 525.2m	0.012	0.02	WKL	
MO-CAM	2018/19-1	Wet	11/22/2018 10:26:00 AM	12/20/2018 12:40:00 AM	Methoxychlor	n/a	<	0.11	µg/L	EPA 608	0.11	0.4	WKL	
MO-CAM	2018/19-1	Wet	11/22/2018 10:26:00 AM	12/12/2018 5:38:00 AM	Methyl parathion	n/a	<	0.013	µg/L	EPA 525.2m	0.013	0.02	WKL	
MO-CAM	2018/19-1	Wet	11/22/2018 10:26:00 AM	12/14/2018 3:58:00 AM	Metolachlor	n/a	<	0.024	µg/L	EPA 525.2	0.024	0.2	WKL	
MO-CAM	2018/19-1	Wet	11/22/2018 10:26:00 AM	12/14/2018 3:50:00 AM	Metribuzin	n/a	<	0.03	µg/L	EPA 525.2	0.03	0.2	WKL	
MO-CAM	2018/19-1	Wet	11/22/2018 10:26:00 AM	12/12/2018 5:38:00 AM	Mevinphos	n/a	<	0.0084	µg/L	EPA 525.2m	0.0084	0.02	WKL	
MO-CAM	2018/19-1	Wet	11/22/2018 10:26:00 AM	12/14/2018 3:50:00 AM	Molinate	n/a	<	0.078	µg/L	EPA 525.2	0.078	0.2	WKL	
MO-CAM	2018/19-1	Wet	11/22/2018 10:26:00 AM	12/12/2018 5:38:00 AM	Naled	n/a	<	0.015	µg/L	EPA 525.2m	0.015	0.02	WKL	
MO-CAM	2018/19-1	Wet	11/22/2018 10:26:00 AM	12/28/2018 10:14:00 PM	Pentachlorophenol	n/a	<	0.95	µg/L	EPA 625	0.95	5	WKL	
MO-CAM	2018/19-1	Wet	11/22/2018 10:26:00 AM	1/2/2019 6:55:00 PM	Pentachlorophenol	n/a	<	0.75	µg/L	EPA 8270C	0.75	5	WKL	
MO-CAM	2018/19-1	Wet	11/22/2018 10:26:00 AM	12/15/2018 2:11:00 AM	Pentachlorophenol	n/a	<	0.04	µg/L	EPA 515.3	0.04	0.2	WKL	
MO-CAM	2018/19-1	Wet	11/22/2018 10:26:00 AM	12/12/2018 5:38:00 AM	Phorate	n/a	<	0.006	µg/L	EPA 525.2m	0.006	0.02	WKL	
MO-CAM	2018/19-1	Wet	11/22/2018 10:26:00 AM	12/15/2018 2:11:00 AM	Picloram	n/a	<	0.05	µg/L	EPA 515.3	0.05	0.6	WKL	
MO-CAM	2018/19-1	Wet	11/22/2018 10:26:00 AM	12/14/2018 3:50:00 AM	Prometon	n/a	<	0.048	µg/L	EPA 525.2	0.048	0.4	WKL	
MO-CAM	2018/19-1	Wet	11/22/2018 10:26:00 AM	12/14/2018 3:50:00 AM	Prometryn	n/a	<	0.072	µg/L	EPA 525.2	0.072	0.2	WKL	
MO-CAM	2018/19-1	Wet	11/22/2018 10:26:00 AM	12/12/2018 5:38:00 AM	Ronnel (Fenchlorphos)	n/a	<	0.0082	µg/L	EPA 525.2m	0.0082	0.02	WKL	
MO-CAM	2018/19-1	Wet	11/22/2018 10:26:00 AM	12/14/2018 3:50:00 AM	Simazine	n/a	<	0.03	µg/L	EPA 525.2	0.03	0.2	WKL	
MO-CAM	2018/19-1	Wet	11/22/2018 10:26:00 AM	12/12/2018 5:38:00 AM	Stirophos (Tetrachlorvinphos)	n/a	<	0.0062	µg/L	EPA 525.2m	0.0062	0.02	WKL	
MO-CAM	2018/19-1	Wet	11/22/2018 10:26:00 AM	12/14/2018 3:50:00 AM	Terbacil	n/a	<	1.1	µg/L	EPA 525.2	1.1	4	WKL	
MO-CAM	2018/19-1	Wet	11/22/2018 10:26:00 AM	12/14/2018 3:50:00 AM	Thiobencarb	n/a	<	0.05	µg/L	EPA 525.2	0.05	0.4	WKL	
MO-CAM	2018/19-1	Wet	11/22/2018 10:26:00 AM	12/12/2018 5:38:00 AM	Tokuthion	n/a	<	0.016	µg/L	EPA 525.2m	0.016	0.02	WKL	
MO-CAM	2018/19-1	Wet	11/22/2018 10:26:00 AM	12/20/2018 12:40:00 AM	Toxaphene	n/a	<	2.4	µg/L	EPA 608	2.4	10	WKL	

Appendix G
Laboratory Environmental Analysis Results

Site ID	Event	Event Type	Sample Date	Analysis Date	Constituent	Fraction	Sign	Result	Units	Method	MDL	Reporting Limit	Analyzing Laboratory	Qualifier
MO-CAM	2018/19-1	Wet	11/22/2018 10:26:00 AM	12/12/2018 5:38:00 AM	Trichloronate	n/a	<	0.013	µg/L	EPA 525.2m	0.013	0.02	WKL	
MO-CAM	2018/19-1	Wet	11/22/2018 10:26:00 AM	12/14/2018 3:50:00 AM	Trithion	n/a	<	0.024	µg/L	EPA 525.2	0.024	0.2	WKL	
MO-CAM	2018/19-2	Wet	11/29/2018 12:15:00 AM	11/30/2018 3:50:00 AM	E. Coli	n/a	=	23820	MPN/100 mL	MMO-MUG	100	100	VCHCA	
MO-CAM	2018/19-2	Wet	11/29/2018 12:15:00 AM	11/30/2018 3:50:00 AM	Total Coliform	n/a	=	204600	MPN/100 mL	MMO-MUG	1000	1000	VCHCA	
MO-CAM	2018/19-2	Wet	11/29/2018 12:15:00 AM	11/29/2018 12:15:00 AM	Conductivity	n/a	=	134.3	µmhos/cm	Field Meter	-88	1	Field Crew	
MO-CAM	2018/19-2	Wet	11/29/2018 12:15:00 AM	12/11/2018 8:10:00 PM	Cyanide	Total	=	0.0033	mg/L	ASTM D7511	0.0005	0.002	WKL	
MO-CAM	2018/19-2	Wet	11/29/2018 12:15:00 AM	11/29/2018 12:15:00 AM	DO	n/a	=	8.7	mg/L	Field Meter	-88	0.3	Field Crew	
MO-CAM	2018/19-2	Wet	11/29/2018 12:15:00 AM	11/29/2018 12:15:00 AM	DO	n/a	=	90.2	%	Field Meter	-88	0.1	Field Crew	
MO-CAM	2018/19-2	Wet	11/29/2018 12:15:00 AM	11/29/2018 12:15:00 AM	pH	n/a	=	7.31	pH Units	Field Meter	-88	0.01	Field Crew	
MO-CAM	2018/19-2	Wet	11/29/2018 12:15:00 AM	11/29/2018 12:15:00 AM	Salinity	n/a	=	100	mg/L	Field Meter	-88	100	Field Crew	
MO-CAM	2018/19-2	Wet	11/29/2018 12:15:00 AM	11/29/2018 12:15:00 AM	Specific Conductance	n/a	=	158.7	µmhos/cm	Field Meter	-88	1	Field Crew	
MO-CAM	2018/19-2	Wet	11/29/2018 12:15:00 AM	11/29/2018 12:15:00 AM	Temperature	n/a	=	16.7	°C	Field Meter	-88	0.1	Field Crew	
MO-CAM	2018/19-2	Wet	11/29/2018 12:15:00 AM	12/1/2018 6:15:00 AM	Gasoline Range Organics	n/a	<	0.012	mg/L	LUFT GC/MS	0.012	0.1	WKL	
MO-CAM	2018/19-2	Wet	11/29/2018 12:15:00 AM	12/14/2018 4:48:00 PM	Oil and Grease	n/a	<	1.3	mg/L	EPA 1664A	1.3	5	WKL	
MO-CAM	2018/19-2	Wet	11/29/2018 12:15:00 AM	12/3/2018 5:03:00 PM	2-Chloroethyl vinyl ether	n/a	<	0.28	µg/L	EPA 624	0.28	1	WKL	
MO-CAM	2018/19-2	Wet	11/29/2018 12:15:00 AM	12/3/2018 5:03:00 PM	Methyl tert-butyl ether (MTBE)	n/a	<	0.25	µg/L	EPA 624	0.25	1	WKL	
MO-CAM	2018/19-2	Wet	11/30/2018 5:55:00 AM	12/4/2018	Chloride	n/a	=	13	mg/L	EPA 300.0	0.1	0.5	WKL	
MO-CAM	2018/19-2	Wet	11/30/2018 5:55:00 AM	12/4/2018	Fluoride	n/a	DNQ	0.068	mg/L	EPA 300.0	0.02	0.1	WKL	
MO-CAM	2018/19-2	Wet	11/30/2018 5:55:00 AM	12/2/2018 4:36:00 AM	Perchlorate	n/a	<	0.95	µg/L	EPA 314.0	0.95	2	WKL	
MO-CAM	2018/19-2	Wet	11/30/2018 5:55:00 AM	12/4/2018	Sulfate	Total	=	9.6	mg/L	EPA 300.0	0.1	0.5	WKL	
MO-CAM	2018/19-2	Wet	11/30/2018 5:55:00 AM	12/11/2018 1:01:00 PM	Calcium	Total	=	11.2	mg/L	EPA 200.7	0.016	0.1	WKL	
MO-CAM	2018/19-2	Wet	11/30/2018 5:55:00 AM	12/11/2018 1:01:00 PM	Magnesium	Total	=	3.09	mg/L	EPA 200.7	0.012	0.1	WKL	
MO-CAM	2018/19-2	Wet	11/30/2018 5:55:00 AM	12/11/2018 1:01:00 PM	Potassium	Total	=	4.3	mg/L	EPA 200.7	0.081	0.1	WKL	
MO-CAM	2018/19-2	Wet	11/30/2018 5:55:00 AM	12/11/2018 1:01:00 PM	Sodium	Total	=	8.4	mg/L	EPA 200.7	0.015	0.5	WKL	
MO-CAM	2018/19-2	Wet	11/30/2018 5:55:00 AM	12/11/2018 12:20:00 PM	Alkalinity as CaCO3	n/a	=	23	mg/L	SM 2320 B	0.56	2	WKL	
MO-CAM	2018/19-2	Wet	11/30/2018 5:55:00 AM	12/6/2018 2:17:00 PM	BOD	n/a	=	10	mg/L	SM 5210 B	2	2	WKL	
MO-CAM	2018/19-2	Wet	11/30/2018 5:55:00 AM	12/5/2018 4:19:00 PM	COD	n/a	=	89	mg/L	EPA 410.4	0.73	5	WKL	
MO-CAM	2018/19-2	Wet	11/30/2018 5:55:00 AM	12/20/2018 9:28:00 AM	Dissolved Inorganic Carbon	Dissolved	=	6.8	mg/L	SM 5310 B	0.016	0.5	WKL	
MO-CAM	2018/19-2	Wet	11/30/2018 5:55:00 AM	12/18/2018 1:32:00 PM	Dissolved Organic Carbon	Dissolved	=	11	mg/L	SM 5310 B	0.013	0.3	WKL	
MO-CAM	2018/19-2	Wet	11/30/2018 5:55:00 AM	12/11/2018 1:01:00 PM	Hardness as CaCO3	Total	=	40.6	mg/L	EPA 200.7	0.0894	0.662	WKL	
MO-CAM	2018/19-2	Wet	11/30/2018 5:55:00 AM	12/1/2018 7:40:00 PM	MBAS	n/a	=	0.14	mg/L	SM 5540 C	0.019	0.05	WKL	
MO-CAM	2018/19-2	Wet	11/30/2018 5:55:00 AM	12/14/2018 5:06:00 PM	Phenolics	n/a	=	0.091	mg/L	EPA 420.4	0.0042	0.01	WKL	
MO-CAM	2018/19-2	Wet	11/30/2018 5:55:00 AM	12/12/2018 5:17:00 PM	Specific Conductance	n/a	=	120	µmhos/cm	SM 2510 B	0.23	2	WKL	
MO-CAM	2018/19-2	Wet	11/30/2018 5:55:00 AM	12/1/2018 10:20:00 PM	Total Chlorine Residual	n/a	DNQ	0.006	mg/L	SM 4500-Cl G	0.0015	0.05	WKL	EST-HT
MO-CAM	2018/19-2	Wet	11/30/2018 5:55:00 AM	12/6/2018 5:33:00 PM	Total Dissolved Solids	n/a	=	72	mg/L	SM 2540 C	4	10	WKL	
MO-CAM	2018/19-2	Wet	11/30/2018 5:55:00 AM	12/10/2018 8:52:00 AM	Total Organic Carbon	n/a	=	14	mg/L	SM 5310 B	0.009	0.3	WKL	
MO-CAM	2018/19-2	Wet	11/30/2018 5:55:00 AM	12/6/2018 8:30:00 PM	Total Suspended Solids	n/a	=	240	mg/L	SM 2540 D	-88	5	WKL	
MO-CAM	2018/19-2	Wet	11/30/2018 5:55:00 AM	11/30/2018 5:37:00 PM	Turbidity	n/a	=	99	NTU	EPA 180.1	0.12	0.5	WKL	
MO-CAM	2018/19-2	Wet	11/30/2018 5:55:00 AM	12/6/2018 8:30:00 PM	Volatile Suspended Solids	n/a	=	53	mg/L	EPA 160.4	3.1	5	WKL	
MO-CAM	2018/19-2	Wet	11/30/2018 5:55:00 AM	12/19/2018 4:47:00 PM	Diesel Range Organics	n/a	=	0.27	mg/L	EPA 8015D	0.048	0.2	WKL	
MO-CAM	2018/19-2	Wet	11/30/2018 5:55:00 AM	12/19/2018 4:47:00 PM	Oil Range Organics	n/a	<	0.66	mg/L	EPA 8015D	0.66	1	WKL	
MO-CAM	2018/19-2	Wet	11/30/2018 5:55:00 AM	12/12/2018 1:01:00 PM	Aluminum	Dissolved	=	32	µg/L	EPA 200.8	1.3	5	WKL	
MO-CAM	2018/19-2	Wet	11/30/2018 5:55:00 AM	12/12/2018 1:05:00 PM	Aluminum	Total	=	3800	µg/L	EPA 200.8	1.3	5	WKL	
MO-CAM	2018/19-2	Wet	11/30/2018 5:55:00 AM	12/12/2018 1:01:00 PM	Antimony	Dissolved	=	0.69	µg/L	EPA 200.8	0.045	0.5	WKL	
MO-CAM	2018/19-2	Wet	11/30/2018 5:55:00 AM	12/12/2018 1:05:00 PM	Antimony	Total	=	1.5	µg/L	EPA 200.8	0.045	0.5	WKL	
MO-CAM	2018/19-2	Wet	11/30/2018 5:55:00 AM	12/12/2018 1:01:00 PM	Arsenic	Dissolved	=	0.86	µg/L	EPA 200.8	0.074	0.4	WKL	
MO-CAM	2018/19-2	Wet	11/30/2018 5:55:00 AM	12/12/2018 1:05:00 PM	Arsenic	Total	=	2.2	µg/L	EPA 200.8	0.074	0.4	WKL	
MO-CAM	2018/19-2	Wet	11/30/2018 5:55:00 AM	12/12/2018 1:05:00 PM	Barium	Total	=	54	µg/L	EPA 200.8	0.071	0.5	WKL	

Appendix G
Laboratory Environmental Analysis Results

Site ID	Event	Event Type	Sample Date	Analysis Date	Constituent	Fraction	Sign	Result	Units	Method	MDL	Reporting Limit	Analyzing Laboratory	Qualifier								
MO-CAM	2018/19-2	Wet	11/30/2018 5:55:00 AM	12/12/2018 1:01:00 PM	Beryllium	Dissolved	<	0.033	µg/L	EPA 200.8	0.033	0.1	WKL									
MO-CAM	2018/19-2	Wet	11/30/2018 5:55:00 AM	12/12/2018 1:05:00 PM	Beryllium	Total	=	0.16	µg/L	EPA 200.8	0.033	0.1	WKL									
MO-CAM	2018/19-2	Wet	11/30/2018 5:55:00 AM	12/12/2018 1:01:00 PM	Cadmium	Dissolved	DNQ	0.052	µg/L	EPA 200.8	0.041	0.1	WKL									
MO-CAM	2018/19-2	Wet	11/30/2018 5:55:00 AM	12/12/2018 1:05:00 PM	Cadmium	Total	=	0.31	µg/L	EPA 200.8	0.041	0.1	WKL									
MO-CAM	2018/19-2	Wet	11/30/2018 5:55:00 AM	12/12/2018 1:01:00 PM	Chromium	Dissolved	=	0.67	µg/L	EPA 200.8	0.035	0.2	WKL									
MO-CAM	2018/19-2	Wet	11/30/2018 5:55:00 AM	12/12/2018 1:05:00 PM	Chromium	Total	=	7.9	µg/L	EPA 200.8	0.035	0.2	WKL									
MO-CAM	2018/19-2	Wet	11/30/2018 5:55:00 AM	12/13/2018 2:18:00 PM	Chromium VI	n/a	=	0.31	µg/L	EPA 218.6	0.048	0.2	WKL									
MO-CAM	2018/19-2	Wet	11/30/2018 5:55:00 AM	12/12/2018 1:01:00 PM	Copper	Dissolved	=	9.1	µg/L	EPA 200.8	0.13	0.5	WKL									
MO-CAM	2018/19-2	Wet	11/30/2018 5:55:00 AM	12/12/2018 1:05:00 PM	Copper	Total	=	30	µg/L	EPA 200.8	0.13	0.5	WKL									
MO-CAM	2018/19-2	Wet	11/30/2018 5:55:00 AM	12/11/2018 12:23:00 PM	Iron	Dissolved	=	50	µg/L	EPA 200.7	1.1	10	WKL	HB-MSR								
MO-CAM	2018/19-2	Wet	11/30/2018 5:55:00 AM	12/11/2018 1:01:00 PM	Iron	Total	=	5600	µg/L	EPA 200.7	1.1	10	WKL		HB-MSR							
MO-CAM	2018/19-2	Wet	11/30/2018 5:55:00 AM	12/12/2018 1:01:00 PM	Lead	Dissolved	DNQ	0.17	µg/L	EPA 200.8	0.031	0.2	WKL			HB-MSR						
MO-CAM	2018/19-2	Wet	11/30/2018 5:55:00 AM	12/12/2018 1:05:00 PM	Lead	Total	=	7.8	µg/L	EPA 200.8	0.031	0.2	WKL				HB-MSR					
MO-CAM	2018/19-2	Wet	11/30/2018 5:55:00 AM	12/10/2018 2:15:00 PM	Mercury	Dissolved	<	17	ng/L	EPA 245.1	17	50	WKL					HB-MSR				
MO-CAM	2018/19-2	Wet	11/30/2018 5:55:00 AM	12/10/2018 2:17:00 PM	Mercury	Total	DNQ	32	ng/L	EPA 245.1	17	50	WKL						HB-MSR			
MO-CAM	2018/19-2	Wet	11/30/2018 5:55:00 AM	12/12/2018 1:01:00 PM	Nickel	Dissolved	=	3	µg/L	EPA 200.8	0.045	0.8	WKL							HB-MSR		
MO-CAM	2018/19-2	Wet	11/30/2018 5:55:00 AM	12/12/2018 1:05:00 PM	Nickel	Total	=	9	µg/L	EPA 200.8	0.045	0.8	WKL								HB-MSR	
MO-CAM	2018/19-2	Wet	11/30/2018 5:55:00 AM	12/12/2018 1:01:00 PM	Selenium	Dissolved	<	0.14	µg/L	EPA 200.8	0.14	0.4	WKL									HB-MSR
MO-CAM	2018/19-2	Wet	11/30/2018 5:55:00 AM	12/12/2018 1:05:00 PM	Selenium	Total	DNQ	0.27	µg/L	EPA 200.8	0.14	0.4	WKL									
MO-CAM	2018/19-2	Wet	11/30/2018 5:55:00 AM	12/12/2018 1:01:00 PM	Silver	Dissolved	<	0.062	µg/L	EPA 200.8	0.062	0.2	WKL	HB-MSR								
MO-CAM	2018/19-2	Wet	11/30/2018 5:55:00 AM	12/12/2018 1:05:00 PM	Silver	Total	DNQ	0.074	µg/L	EPA 200.8	0.062	0.2	WKL		HB-MSR							
MO-CAM	2018/19-2	Wet	11/30/2018 5:55:00 AM	12/12/2018 1:01:00 PM	Thallium	Dissolved	<	0.014	µg/L	EPA 200.8	0.014	0.2	WKL			HB-MSR						
MO-CAM	2018/19-2	Wet	11/30/2018 5:55:00 AM	12/12/2018 1:05:00 PM	Thallium	Total	DNQ	0.062	µg/L	EPA 200.8	0.014	0.2	WKL				HB-MSR					
MO-CAM	2018/19-2	Wet	11/30/2018 5:55:00 AM	12/12/2018 1:01:00 PM	Zinc	Dissolved	=	39	µg/L	EPA 200.8	0.94	5	WKL					HB-MSR				
MO-CAM	2018/19-2	Wet	11/30/2018 5:55:00 AM	12/12/2018 1:05:00 PM	Zinc	Total	=	160	µg/L	EPA 200.8	0.94	5	WKL						HB-MSR			
MO-CAM	2018/19-2	Wet	11/30/2018 5:55:00 AM	12/11/2018 3:32:00 PM	Ammonia as N	n/a	=	0.47	mg/L	EPA 350.1	0.048	0.1	WKL							HB-MSR		
MO-CAM	2018/19-2	Wet	11/30/2018 5:55:00 AM	12/21/2018 11:21:00 AM	Nitrate + Nitrite as N	n/a	=	0.33	mg/L	EPA 353.2	0.083	0.2	WKL								HB-MSR	
MO-CAM	2018/19-2	Wet	11/30/2018 5:55:00 AM	1/17/2019 4:49:00 PM	Phosphorus as P	Dissolved	=	0.3	mg/L	EPA 200.7	0.012	0.02	WKL									HB-MSR
MO-CAM	2018/19-2	Wet	11/30/2018 5:55:00 AM	1/17/2019 4:52:00 PM	Phosphorus as P	Total	=	0.68	mg/L	EPA 200.7	0.012	0.02	WKL									
MO-CAM	2018/19-2	Wet	11/30/2018 5:55:00 AM	12/21/2018 10:50:00 AM	TKN	n/a	=	1.3	mg/L	EPA 351.2	0.05	0.1	WKL	HB-MSR								
MO-CAM	2018/19-2	Wet	11/30/2018 5:55:00 AM	1/7/2019 2:15:00 AM	1,2,4-Trichlorobenzene	n/a	<	2.8	µg/L	EPA 625	2.8	5	WKL		HB-MSR							
MO-CAM	2018/19-2	Wet	11/30/2018 5:55:00 AM	1/7/2019 2:15:00 AM	1,2-Dichlorobenzene	n/a	<	2.8	µg/L	EPA 625	2.8	5	WKL			HB-MSR						
MO-CAM	2018/19-2	Wet	11/30/2018 5:55:00 AM	1/7/2019 2:15:00 AM	1,2-Diphenylhydrazine	n/a	<	1.2	µg/L	EPA 625	1.2	5	WKL				HB-MSR					
MO-CAM	2018/19-2	Wet	11/30/2018 5:55:00 AM	1/7/2019 2:15:00 AM	1,3-Dichlorobenzene	n/a	<	2.6	µg/L	EPA 625	2.6	5	WKL					HB-MSR				
MO-CAM	2018/19-2	Wet	11/30/2018 5:55:00 AM	1/7/2019 2:15:00 AM	1,4-Dichlorobenzene	n/a	<	2.8	µg/L	EPA 625	2.8	5	WKL						HB-MSR			
MO-CAM	2018/19-2	Wet	11/30/2018 5:55:00 AM	1/11/2019 10:06:00 PM	1-Methylnaphthalene	n/a	<	0.5	µg/L	EPA 8270C	0.5	0.5	WKL							HB-MSR		
MO-CAM	2018/19-2	Wet	11/30/2018 5:55:00 AM	1/11/2019 2:56:00 AM	2,4,5-Trichlorophenol	n/a	<	1.4	µg/L	EPA 8270C	1.4	5	WKL								HB-MSR	
MO-CAM	2018/19-2	Wet	11/30/2018 5:55:00 AM	1/7/2019 2:15:00 AM	2,4,6-Trichlorophenol	n/a	<	1.1	µg/L	EPA 625	1.1	5	WKL									HB-MSR
MO-CAM	2018/19-2	Wet	11/30/2018 5:55:00 AM	1/11/2019 2:56:00 AM	2,4,6-Trichlorophenol	n/a	<	1.5	µg/L	EPA 8270C	1.5	5	WKL									
MO-CAM	2018/19-2	Wet	11/30/2018 5:55:00 AM	1/7/2019 2:15:00 AM	2,4-Dichlorophenol	n/a	<	1.3	µg/L	EPA 625	1.3	5	WKL	HB-MSR								
MO-CAM	2018/19-2	Wet	11/30/2018 5:55:00 AM	1/11/2019 2:56:00 AM	2,4-Dichlorophenol	n/a	<	2.6	µg/L	EPA 8270C	2.6	5	WKL		HB-MSR							
MO-CAM	2018/19-2	Wet	11/30/2018 5:55:00 AM	1/7/2019 2:15:00 AM	2,4-Dimethylphenol	n/a	<	1.5	µg/L	EPA 625	1.5	5	WKL			HB-MSR						
MO-CAM	2018/19-2	Wet	11/30/2018 5:55:00 AM	1/11/2019 2:56:00 AM	2,4-Dimethylphenol	n/a	<	5	µg/L	EPA 8270C	5	10	WKL				HB-MSR					
MO-CAM	2018/19-2	Wet	11/30/2018 5:55:00 AM	1/11/2019 2:56:00 AM	2,4-Dinitrophenol	n/a	<	5	µg/L	EPA 8270C	5	10	WKL					HB-MSR				
MO-CAM	2018/19-2	Wet	11/30/2018 5:55:00 AM	1/7/2019 2:15:00 AM	2,4-Dinitrophenol	n/a	<	7.9	µg/L	EPA 625	7.9	50	WKL						HB-MSR			
MO-CAM	2018/19-2	Wet	11/30/2018 5:55:00 AM	1/7/2019 2:15:00 AM	2,4-Dinitrotoluene	n/a	<	0.9	µg/L	EPA 625	0.9	5	WKL							HB-MSR		
MO-CAM	2018/19-2	Wet	11/30/2018 5:55:00 AM	1/7/2019 2:15:00 AM	2,6-Dinitrotoluene	n/a	<	1.4	µg/L	EPA 625	1.4	5	WKL								HB-MSR	
MO-CAM	2018/19-2	Wet	11/30/2018 5:55:00 AM	1/7/2019 2:15:00 AM	2-Chloronaphthalene	n/a	<	2.2	µg/L	EPA 625	2.2	5	WKL									HB-MSR

Appendix G
Laboratory Environmental Analysis Results

Site ID	Event	Event Type	Sample Date	Analysis Date	Constituent	Fraction	Sign	Result	Units	Method	MDL	Reporting Limit	Analyzing Laboratory	Qualifier
MO-CAM	2018/19-2	Wet	11/30/2018 5:55:00 AM	1/7/2019 2:15:00 AM	2-Chlorophenol	n/a	<	1.4	µg/L	EPA 625	1.4	5	WKL	
MO-CAM	2018/19-2	Wet	11/30/2018 5:55:00 AM	1/11/2019 2:56:00 AM	2-Chlorophenol	n/a	<	3.2	µg/L	EPA 8270C	3.2	5	WKL	
MO-CAM	2018/19-2	Wet	11/30/2018 5:55:00 AM	1/11/2019 10:06:00 PM	2-Methylnaphthalene	n/a	<	0.5	µg/L	EPA 8270C	0.5	0.5	WKL	
MO-CAM	2018/19-2	Wet	11/30/2018 5:55:00 AM	1/11/2019 2:56:00 AM	2-Methylphenol	n/a	<	1.7	µg/L	EPA 8270C	1.7	5	WKL	
MO-CAM	2018/19-2	Wet	11/30/2018 5:55:00 AM	1/7/2019 2:15:00 AM	2-Nitrophenol	n/a	<	1.3	µg/L	EPA 625	1.3	5	WKL	
MO-CAM	2018/19-2	Wet	11/30/2018 5:55:00 AM	1/11/2019 2:56:00 AM	2-Nitrophenol	n/a	<	3.6	µg/L	EPA 8270C	3.6	5	WKL	
MO-CAM	2018/19-2	Wet	11/30/2018 5:55:00 AM	1/7/2019 2:15:00 AM	3,3'-Dichlorobenzidine	n/a	<	6	µg/L	EPA 625	6	25	WKL	
MO-CAM	2018/19-2	Wet	11/30/2018 5:55:00 AM	1/11/2019 2:56:00 AM	3-/4-Methylphenol	n/a	<	1.5	µg/L	EPA 8270C	1.5	5	WKL	
MO-CAM	2018/19-2	Wet	11/30/2018 5:55:00 AM	1/7/2019 2:15:00 AM	4,6-Dinitro-2-methylphenol	n/a	<	8.6	µg/L	EPA 625	8.6	25	WKL	
MO-CAM	2018/19-2	Wet	11/30/2018 5:55:00 AM	1/11/2019 2:56:00 AM	4,6-Dinitro-2-methylphenol	n/a	<	0.7	µg/L	EPA 8270C	0.7	5	WKL	
MO-CAM	2018/19-2	Wet	11/30/2018 5:55:00 AM	1/7/2019 2:15:00 AM	4-Bromophenyl phenyl ether	n/a	<	1.8	µg/L	EPA 625	1.8	5	WKL	
MO-CAM	2018/19-2	Wet	11/30/2018 5:55:00 AM	1/7/2019 2:15:00 AM	4-Chloro-3-methylphenol	n/a	<	1.2	µg/L	EPA 625	1.2	5	WKL	
MO-CAM	2018/19-2	Wet	11/30/2018 5:55:00 AM	1/11/2019 2:56:00 AM	4-Chloro-3-methylphenol	n/a	<	1.8	µg/L	EPA 8270C	1.8	5	WKL	
MO-CAM	2018/19-2	Wet	11/30/2018 5:55:00 AM	1/7/2019 2:15:00 AM	4-Chlorophenyl phenyl ether	n/a	<	2	µg/L	EPA 625	2	5	WKL	
MO-CAM	2018/19-2	Wet	11/30/2018 5:55:00 AM	1/7/2019 2:15:00 AM	4-Nitrophenol	n/a	<	2.2	µg/L	EPA 625	2.2	25	WKL	
MO-CAM	2018/19-2	Wet	11/30/2018 5:55:00 AM	1/11/2019 2:56:00 AM	4-Nitrophenol	n/a	<	5	µg/L	EPA 8270C	5	10	WKL	
MO-CAM	2018/19-2	Wet	11/30/2018 5:55:00 AM	1/7/2019 2:15:00 AM	Acenaphthene	n/a	<	1.9	µg/L	EPA 625	1.9	5	WKL	
MO-CAM	2018/19-2	Wet	11/30/2018 5:55:00 AM	1/11/2019 10:06:00 PM	Acenaphthene	n/a	<	0.5	µg/L	EPA 8270C	0.5	0.5	WKL	
MO-CAM	2018/19-2	Wet	11/30/2018 5:55:00 AM	1/11/2019 10:06:00 PM	Acenaphthylene	n/a	<	0.5	µg/L	EPA 8270C	0.5	0.5	WKL	
MO-CAM	2018/19-2	Wet	11/30/2018 5:55:00 AM	1/7/2019 2:15:00 AM	Acenaphthylene	n/a	<	2	µg/L	EPA 625	2	5	WKL	
MO-CAM	2018/19-2	Wet	11/30/2018 5:55:00 AM	1/7/2019 2:15:00 AM	Anthracene	n/a	<	1.7	µg/L	EPA 625	1.7	5	WKL	
MO-CAM	2018/19-2	Wet	11/30/2018 5:55:00 AM	1/11/2019 10:06:00 PM	Anthracene	n/a	<	0.5	µg/L	EPA 8270C	0.5	0.5	WKL	
MO-CAM	2018/19-2	Wet	11/30/2018 5:55:00 AM	1/7/2019 2:15:00 AM	Benz(a)anthracene	n/a	<	0.95	µg/L	EPA 625	0.95	5	WKL	
MO-CAM	2018/19-2	Wet	11/30/2018 5:55:00 AM	1/11/2019 10:06:00 PM	Benz(a)anthracene	n/a	<	0.5	µg/L	EPA 8270C	0.5	0.5	WKL	
MO-CAM	2018/19-2	Wet	11/30/2018 5:55:00 AM	1/7/2019 2:15:00 AM	Benzidine	n/a	<	18	µg/L	EPA 625	18	50	WKL	
MO-CAM	2018/19-2	Wet	11/30/2018 5:55:00 AM	12/19/2018 4:38:00 AM	Benzo(a)pyrene	n/a	<	0.07	µg/L	EPA 525.2	0.07	0.1	WKL	
MO-CAM	2018/19-2	Wet	11/30/2018 5:55:00 AM	1/7/2019 2:15:00 AM	Benzo(a)pyrene	n/a	<	0.65	µg/L	EPA 625	0.65	5	WKL	
MO-CAM	2018/19-2	Wet	11/30/2018 5:55:00 AM	1/11/2019 10:06:00 PM	Benzo(a)pyrene	n/a	<	0.5	µg/L	EPA 8270C	0.5	0.5	WKL	
MO-CAM	2018/19-2	Wet	11/30/2018 5:55:00 AM	1/7/2019 2:15:00 AM	Benzo(b)fluoranthene	n/a	<	0.7	µg/L	EPA 625	0.7	5	WKL	
MO-CAM	2018/19-2	Wet	11/30/2018 5:55:00 AM	1/11/2019 10:06:00 PM	Benzo(b)fluoranthene	n/a	<	0.5	µg/L	EPA 8270C	0.5	0.5	WKL	
MO-CAM	2018/19-2	Wet	11/30/2018 5:55:00 AM	1/7/2019 2:15:00 AM	Benzo(g,h,i)perylene	n/a	<	0.5	µg/L	EPA 625	0.5	10	WKL	
MO-CAM	2018/19-2	Wet	11/30/2018 5:55:00 AM	1/11/2019 10:06:00 PM	Benzo(g,h,i)perylene	n/a	<	0.5	µg/L	EPA 8270C	0.5	0.5	WKL	
MO-CAM	2018/19-2	Wet	11/30/2018 5:55:00 AM	1/11/2019 10:06:00 PM	Benzo(k)fluoranthene	n/a	<	0.5	µg/L	EPA 8270C	0.5	0.5	WKL	
MO-CAM	2018/19-2	Wet	11/30/2018 5:55:00 AM	1/7/2019 2:15:00 AM	Benzo(k)fluoranthene	n/a	<	1.1	µg/L	EPA 625	1.1	5	WKL	
MO-CAM	2018/19-2	Wet	11/30/2018 5:55:00 AM	1/7/2019 2:15:00 AM	Bis(2-chloroethoxy)methane	n/a	<	1.2	µg/L	EPA 625	1.2	5	WKL	
MO-CAM	2018/19-2	Wet	11/30/2018 5:55:00 AM	1/7/2019 2:15:00 AM	Bis(2-chloroethyl)ether	n/a	<	1.4	µg/L	EPA 625	1.4	5	WKL	
MO-CAM	2018/19-2	Wet	11/30/2018 5:55:00 AM	1/7/2019 2:15:00 AM	Bis(2-chloroisopropyl)ether	n/a	<	1.9	µg/L	EPA 625	1.9	5	WKL	
MO-CAM	2018/19-2	Wet	11/30/2018 5:55:00 AM	12/19/2018 4:38:00 AM	Bis(2-ethylhexyl)adipate	n/a	<	0.1	µg/L	EPA 525.2	0.1	5	WKL	
MO-CAM	2018/19-2	Wet	11/30/2018 5:55:00 AM	12/19/2018 4:38:00 AM	Bis(2-ethylhexyl)phthalate	n/a	DNQ	2	µg/L	EPA 525.2	1.1	3	WKL	
MO-CAM	2018/19-2	Wet	11/30/2018 5:55:00 AM	1/7/2019 2:15:00 AM	Bis(2-ethylhexyl)phthalate	n/a	<	12	µg/L	EPA 625	12	25	WKL	
MO-CAM	2018/19-2	Wet	11/30/2018 5:55:00 AM	1/7/2019 2:15:00 AM	Butyl benzyl phthalate	n/a	<	0.9	µg/L	EPA 625	0.9	5	WKL	
MO-CAM	2018/19-2	Wet	11/30/2018 5:55:00 AM	1/11/2019 10:06:00 PM	Chrysene	n/a	<	0.5	µg/L	EPA 8270C	0.5	0.5	WKL	
MO-CAM	2018/19-2	Wet	11/30/2018 5:55:00 AM	1/7/2019 2:15:00 AM	Chrysene	n/a	<	0.95	µg/L	EPA 625	0.95	5	WKL	
MO-CAM	2018/19-2	Wet	11/30/2018 5:55:00 AM	1/7/2019 2:15:00 AM	Dibenz(a,h)anthracene	n/a	<	0.4	µg/L	EPA 625	0.4	10	WKL	
MO-CAM	2018/19-2	Wet	11/30/2018 5:55:00 AM	1/11/2019 10:06:00 PM	Dibenz(a,h)anthracene	n/a	<	0.5	µg/L	EPA 8270C	0.5	0.5	WKL	
MO-CAM	2018/19-2	Wet	11/30/2018 5:55:00 AM	1/7/2019 2:15:00 AM	Diethyl phthalate	n/a	<	0.75	µg/L	EPA 625	0.75	5	WKL	
MO-CAM	2018/19-2	Wet	11/30/2018 5:55:00 AM	1/7/2019 2:15:00 AM	Dimethyl phthalate	n/a	<	0.9	µg/L	EPA 625	0.9	5	WKL	
MO-CAM	2018/19-2	Wet	11/30/2018 5:55:00 AM	1/7/2019 2:15:00 AM	Di-n-butylphthalate	n/a	<	1.2	µg/L	EPA 625	1.2	5	WKL	

Appendix G
Laboratory Environmental Analysis Results

Site ID	Event	Event Type	Sample Date	Analysis Date	Constituent	Fraction	Sign	Result	Units	Method	MDL	Reporting Limit	Analyzing Laboratory	Qualifier
MO-CAM	2018/19-2	Wet	11/30/2018 5:55:00 AM	1/7/2019 2:15:00 AM	Di-n-octylphthalate	n/a	<	0.95	µg/L	EPA 625	0.95	5	WKL	
MO-CAM	2018/19-2	Wet	11/30/2018 5:55:00 AM	1/7/2019 2:15:00 AM	Fluoranthene	n/a	<	1.1	µg/L	EPA 625	1.1	5	WKL	
MO-CAM	2018/19-2	Wet	11/30/2018 5:55:00 AM	1/11/2019 10:06:00 PM	Fluoranthene	n/a	<	0.5	µg/L	EPA 8270C	0.5	0.5	WKL	
MO-CAM	2018/19-2	Wet	11/30/2018 5:55:00 AM	1/7/2019 2:15:00 AM	Fluorene	n/a	<	1.8	µg/L	EPA 625	1.8	5	WKL	
MO-CAM	2018/19-2	Wet	11/30/2018 5:55:00 AM	1/11/2019 10:06:00 PM	Fluorene	n/a	<	0.5	µg/L	EPA 8270C	0.5	0.5	WKL	
MO-CAM	2018/19-2	Wet	11/30/2018 5:55:00 AM	1/7/2019 2:15:00 AM	Hexachlorobenzene	n/a	<	2.4	µg/L	EPA 625	2.4	5	WKL	
MO-CAM	2018/19-2	Wet	11/30/2018 5:55:00 AM	1/7/2019 2:15:00 AM	Hexachlorobutadiene	n/a	<	2.4	µg/L	EPA 625	2.4	5	WKL	
MO-CAM	2018/19-2	Wet	11/30/2018 5:55:00 AM	1/7/2019 2:15:00 AM	Hexachlorocyclopentadiene	n/a	<	7.3	µg/L	EPA 625	7.3	25	WKL	
MO-CAM	2018/19-2	Wet	11/30/2018 5:55:00 AM	1/7/2019 2:15:00 AM	Hexachloroethane	n/a	<	2.6	µg/L	EPA 625	2.6	5	WKL	
MO-CAM	2018/19-2	Wet	11/30/2018 5:55:00 AM	1/7/2019 2:15:00 AM	Indeno(1,2,3-cd)pyrene	n/a	<	0.6	µg/L	EPA 625	0.6	10	WKL	
MO-CAM	2018/19-2	Wet	11/30/2018 5:55:00 AM	1/11/2019 10:06:00 PM	Indeno(1,2,3-cd)pyrene	n/a	<	0.5	µg/L	EPA 8270C	0.5	0.5	WKL	
MO-CAM	2018/19-2	Wet	11/30/2018 5:55:00 AM	1/7/2019 2:15:00 AM	Isophorone	n/a	<	1	µg/L	EPA 625	1	5	WKL	
MO-CAM	2018/19-2	Wet	11/30/2018 5:55:00 AM	1/7/2019 2:15:00 AM	Naphthalene	n/a	<	2.4	µg/L	EPA 625	2.4	5	WKL	
MO-CAM	2018/19-2	Wet	11/30/2018 5:55:00 AM	1/11/2019 10:06:00 PM	Naphthalene	n/a	<	0.5	µg/L	EPA 8270C	0.5	0.5	WKL	
MO-CAM	2018/19-2	Wet	11/30/2018 5:55:00 AM	1/7/2019 2:15:00 AM	Nitrobenzene	n/a	<	1.8	µg/L	EPA 625	1.8	5	WKL	
MO-CAM	2018/19-2	Wet	11/30/2018 5:55:00 AM	1/7/2019 2:15:00 AM	N-Nitrosodimethylamine	n/a	<	0.7	µg/L	EPA 625	0.7	5	WKL	
MO-CAM	2018/19-2	Wet	11/30/2018 5:55:00 AM	1/7/2019 2:15:00 AM	N-Nitrosodi-N-propylamine	n/a	<	1.3	µg/L	EPA 625	1.3	5	WKL	
MO-CAM	2018/19-2	Wet	11/30/2018 5:55:00 AM	1/7/2019 2:15:00 AM	N-Nitrosodiphenylamine	n/a	<	0.95	µg/L	EPA 625	0.95	5	WKL	
MO-CAM	2018/19-2	Wet	11/30/2018 5:55:00 AM	1/7/2019 2:15:00 AM	Phenanthrene	n/a	<	1.6	µg/L	EPA 625	1.6	5	WKL	
MO-CAM	2018/19-2	Wet	11/30/2018 5:55:00 AM	1/11/2019 10:06:00 PM	Phenanthrene	n/a	<	0.5	µg/L	EPA 8270C	0.5	0.5	WKL	
MO-CAM	2018/19-2	Wet	11/30/2018 5:55:00 AM	1/11/2019 2:56:00 AM	Phenol	n/a	<	1.8	µg/L	EPA 8270C	1.8	5	WKL	
MO-CAM	2018/19-2	Wet	11/30/2018 5:55:00 AM	1/7/2019 2:15:00 AM	Phenol	n/a	<	0.8	µg/L	EPA 625	0.8	5	WKL	
MO-CAM	2018/19-2	Wet	11/30/2018 5:55:00 AM	1/7/2019 2:15:00 AM	Pyrene	n/a	<	1.2	µg/L	EPA 625	1.2	5	WKL	
MO-CAM	2018/19-2	Wet	11/30/2018 5:55:00 AM	1/11/2019 10:06:00 PM	Pyrene	n/a	<	0.5	µg/L	EPA 8270C	0.5	0.5	WKL	
MO-CAM	2018/19-2	Wet	11/30/2018 5:55:00 AM	1/12/2019 7:57:00 AM	PCB Aroclor 1016	n/a	<	1	µg/L	EPA 608	1	10	WKL	
MO-CAM	2018/19-2	Wet	11/30/2018 5:55:00 AM	1/12/2019 7:57:00 AM	PCB Aroclor 1221	n/a	<	1.2	µg/L	EPA 608	1.2	10	WKL	
MO-CAM	2018/19-2	Wet	11/30/2018 5:55:00 AM	1/12/2019 7:57:00 AM	PCB Aroclor 1232	n/a	<	3	µg/L	EPA 608	3	10	WKL	
MO-CAM	2018/19-2	Wet	11/30/2018 5:55:00 AM	1/12/2019 7:57:00 AM	PCB Aroclor 1242	n/a	<	1.4	µg/L	EPA 608	1.4	10	WKL	
MO-CAM	2018/19-2	Wet	11/30/2018 5:55:00 AM	1/12/2019 7:57:00 AM	PCB Aroclor 1248	n/a	<	1.2	µg/L	EPA 608	1.2	10	WKL	
MO-CAM	2018/19-2	Wet	11/30/2018 5:55:00 AM	1/12/2019 7:57:00 AM	PCB Aroclor 1254	n/a	<	0.8	µg/L	EPA 608	0.8	10	WKL	
MO-CAM	2018/19-2	Wet	11/30/2018 5:55:00 AM	1/12/2019 7:57:00 AM	PCB Aroclor 1260	n/a	<	0.8	µg/L	EPA 608	0.8	10	WKL	
MO-CAM	2018/19-2	Wet	11/30/2018 5:55:00 AM	12/27/2018 7:33:00 PM	2,4,5-T	n/a	<	0.07	µg/L	EPA 515.3	0.07	0.2	WKL	
MO-CAM	2018/19-2	Wet	11/30/2018 5:55:00 AM	12/27/2018 7:33:00 PM	2,4,5-TP	n/a	<	0.09	µg/L	EPA 515.3	0.09	0.2	WKL	
MO-CAM	2018/19-2	Wet	11/30/2018 5:55:00 AM	12/27/2018 7:33:00 PM	2,4-D	n/a	<	0.07	µg/L	EPA 515.3	0.07	0.4	WKL	
MO-CAM	2018/19-2	Wet	11/30/2018 5:55:00 AM	12/27/2018 7:33:00 PM	2,4-DB	n/a	DNQ	0.59	µg/L	EPA 515.3	0.07	2	WKL	
MO-CAM	2018/19-2	Wet	11/30/2018 5:55:00 AM	12/27/2018 7:33:00 PM	3,5-Dichlorobenzoic acid	n/a	<	0.09	µg/L	EPA 515.3	0.09	1	WKL	
MO-CAM	2018/19-2	Wet	11/30/2018 5:55:00 AM	1/12/2019 7:57:00 AM	4,4'-DDD	n/a	<	0.06	µg/L	EPA 608	0.06	1	WKL	
MO-CAM	2018/19-2	Wet	11/30/2018 5:55:00 AM	1/12/2019 7:57:00 AM	4,4'-DDE	n/a	<	0.05	µg/L	EPA 608	0.05	1	WKL	
MO-CAM	2018/19-2	Wet	11/30/2018 5:55:00 AM	1/12/2019 7:57:00 AM	4,4'-DDT	n/a	<	0.062	µg/L	EPA 608	0.062	0.2	WKL	
MO-CAM	2018/19-2	Wet	11/30/2018 5:55:00 AM	12/27/2018 7:33:00 PM	Acifluorfen	n/a	<	0.06	µg/L	EPA 515.3	0.06	0.4	WKL	
MO-CAM	2018/19-2	Wet	11/30/2018 5:55:00 AM	12/19/2018 4:38:00 AM	Alachlor	n/a	<	0.022	µg/L	EPA 525.2	0.022	0.1	WKL	
MO-CAM	2018/19-2	Wet	11/30/2018 5:55:00 AM	1/12/2019 7:57:00 AM	Aldrin	n/a	<	0.03	µg/L	EPA 608	0.03	0.1	WKL	
MO-CAM	2018/19-2	Wet	11/30/2018 5:55:00 AM	1/12/2019 7:57:00 AM	alpha-BHC	n/a	<	0.036	µg/L	EPA 608	0.036	0.2	WKL	
MO-CAM	2018/19-2	Wet	11/30/2018 5:55:00 AM	1/12/2019 7:57:00 AM	alpha-Chlordane	n/a	<	0.082	µg/L	EPA 608	0.082	0.2	WKL	
MO-CAM	2018/19-2	Wet	11/30/2018 5:55:00 AM	12/19/2018 4:38:00 AM	Atrazine	n/a	<	0.034	µg/L	EPA 525.2	0.034	0.1	WKL	
MO-CAM	2018/19-2	Wet	11/30/2018 5:55:00 AM	12/20/2018 3:00:00 AM	Azinphos methyl	n/a	<	0.011	µg/L	EPA 525.2m	0.011	0.02	WKL	
MO-CAM	2018/19-2	Wet	11/30/2018 5:55:00 AM	12/27/2018 7:33:00 PM	Bentazon	n/a	<	0.11	µg/L	EPA 515.3	0.11	2	WKL	
MO-CAM	2018/19-2	Wet	11/30/2018 5:55:00 AM	1/12/2019 7:57:00 AM	beta-BHC	n/a	<	0.062	µg/L	EPA 608	0.062	0.1	WKL	

Appendix G
Laboratory Environmental Analysis Results

Site ID	Event	Event Type	Sample Date	Analysis Date	Constituent	Fraction	Sign	Result	Units	Method	MDL	Reporting Limit	Analyzing Laboratory	Qualifier
MO-CAM	2018/19-2	Wet	11/30/2018 5:55:00 AM	12/20/2018 3:00:00 AM	Bolstar	n/a	<	0.0092	µg/L	EPA 525.2m	0.0092	0.02	WKL	
MO-CAM	2018/19-2	Wet	11/30/2018 5:55:00 AM	12/19/2018 4:38:00 AM	Bromacil	n/a	<	0.038	µg/L	EPA 525.2	0.038	1	WKL	
MO-CAM	2018/19-2	Wet	11/30/2018 5:55:00 AM	12/19/2018 4:38:00 AM	Butachlor	n/a	<	0.017	µg/L	EPA 525.2	0.017	0.2	WKL	
MO-CAM	2018/19-2	Wet	11/30/2018 5:55:00 AM	12/19/2018 4:38:00 AM	Captan	n/a	<	0.86	µg/L	EPA 525.2	0.86	1	WKL	LB-LCSR
MO-CAM	2018/19-2	Wet	11/30/2018 5:55:00 AM	1/12/2019 7:57:00 AM	Chlordane (technical)	n/a	<	1.6	µg/L	EPA 608	1.6	2	WKL	
MO-CAM	2018/19-2	Wet	11/30/2018 5:55:00 AM	12/19/2018 4:38:00 AM	Chlorpropham	n/a	<	0.01	µg/L	EPA 525.2	0.01	0.1	WKL	
MO-CAM	2018/19-2	Wet	11/30/2018 5:55:00 AM	12/20/2018 3:00:00 AM	Chlorpyrifos	n/a	<	0.014	µg/L	EPA 525.2m	0.014	0.02	WKL	
MO-CAM	2018/19-2	Wet	11/30/2018 5:55:00 AM	12/20/2018 3:00:00 AM	Coumaphos	n/a	<	0.01	µg/L	EPA 525.2m	0.01	0.02	WKL	
MO-CAM	2018/19-2	Wet	11/30/2018 5:55:00 AM	12/19/2018 4:38:00 AM	Cyanazine	n/a	<	0.024	µg/L	EPA 525.2	0.024	0.1	WKL	
MO-CAM	2018/19-2	Wet	11/30/2018 5:55:00 AM	12/27/2018 7:33:00 PM	Dalapon	n/a	<	0.1	µg/L	EPA 515.3	0.1	0.4	WKL	
MO-CAM	2018/19-2	Wet	11/30/2018 5:55:00 AM	12/27/2018 7:33:00 PM	DCCA (Dacthal)	n/a	DNQ	0.091	µg/L	EPA 515.3	0.07	0.1	WKL	
MO-CAM	2018/19-2	Wet	11/30/2018 5:55:00 AM	1/12/2019 7:57:00 AM	delta-BHC	n/a	<	0.05	µg/L	EPA 608	0.05	0.1	WKL	
MO-CAM	2018/19-2	Wet	11/30/2018 5:55:00 AM	12/20/2018 3:00:00 AM	Demeton-O	n/a	<	0.02	µg/L	EPA 525.2m	0.02	0.02	WKL	
MO-CAM	2018/19-2	Wet	11/30/2018 5:55:00 AM	12/20/2018 3:00:00 AM	Demeton-S	n/a	<	0.02	µg/L	EPA 525.2m	0.02	0.02	WKL	
MO-CAM	2018/19-2	Wet	11/30/2018 5:55:00 AM	12/19/2018 4:38:00 AM	Diazinon	n/a	<	0.096	µg/L	EPA 525.2	0.096	0.1	WKL	
MO-CAM	2018/19-2	Wet	11/30/2018 5:55:00 AM	12/20/2018 3:00:00 AM	Diazinon	n/a	=	0.025	µg/L	EPA 525.2m	0.01	0.02	WKL	
MO-CAM	2018/19-2	Wet	11/30/2018 5:55:00 AM	12/27/2018 7:33:00 PM	Dicamba	n/a	<	0.12	µg/L	EPA 515.3	0.12	0.6	WKL	
MO-CAM	2018/19-2	Wet	11/30/2018 5:55:00 AM	12/27/2018 7:33:00 PM	Dichlorprop	n/a	<	0.08	µg/L	EPA 515.3	0.08	0.3	WKL	
MO-CAM	2018/19-2	Wet	11/30/2018 5:55:00 AM	12/20/2018 3:00:00 AM	Dichlorvos	n/a	DNQ	0.0084	µg/L	EPA 525.2m	0.0058	0.02	WKL	
MO-CAM	2018/19-2	Wet	11/30/2018 5:55:00 AM	1/12/2019 7:57:00 AM	Dieldrin	n/a	<	0.042	µg/L	EPA 608	0.042	0.2	WKL	
MO-CAM	2018/19-2	Wet	11/30/2018 5:55:00 AM	12/19/2018 4:38:00 AM	Dimethoate	n/a	<	0.024	µg/L	EPA 525.2	0.024	0.2	WKL	
MO-CAM	2018/19-2	Wet	11/30/2018 5:55:00 AM	12/20/2018 3:00:00 AM	Dimethoate	n/a	<	0.012	µg/L	EPA 525.2m	0.012	0.02	WKL	
MO-CAM	2018/19-2	Wet	11/30/2018 5:55:00 AM	12/27/2018 7:33:00 PM	Dinoseb	n/a	<	0.14	µg/L	EPA 515.3	0.14	0.4	WKL	
MO-CAM	2018/19-2	Wet	11/30/2018 5:55:00 AM	12/19/2018 4:38:00 AM	Diphenamid	n/a	<	0.024	µg/L	EPA 525.2	0.024	0.1	WKL	
MO-CAM	2018/19-2	Wet	11/30/2018 5:55:00 AM	12/19/2018 4:38:00 AM	Disulfoton	n/a	<	0.031	µg/L	EPA 525.2	0.031	0.1	WKL	
MO-CAM	2018/19-2	Wet	11/30/2018 5:55:00 AM	12/20/2018 3:00:00 AM	Disulfoton	n/a	<	0.02	µg/L	EPA 525.2m	0.02	0.02	WKL	
MO-CAM	2018/19-2	Wet	11/30/2018 5:55:00 AM	1/12/2019 7:57:00 AM	Endosulfan I	n/a	<	0.034	µg/L	EPA 608	0.034	0.4	WKL	
MO-CAM	2018/19-2	Wet	11/30/2018 5:55:00 AM	1/12/2019 7:57:00 AM	Endosulfan II	n/a	<	0.038	µg/L	EPA 608	0.038	0.2	WKL	
MO-CAM	2018/19-2	Wet	11/30/2018 5:55:00 AM	1/12/2019 7:57:00 AM	Endosulfan sulfate	n/a	<	0.16	µg/L	EPA 608	0.16	1	WKL	
MO-CAM	2018/19-2	Wet	11/30/2018 5:55:00 AM	1/12/2019 7:57:00 AM	Endrin	n/a	<	0.056	µg/L	EPA 608	0.056	0.2	WKL	
MO-CAM	2018/19-2	Wet	11/30/2018 5:55:00 AM	1/12/2019 7:57:00 AM	Endrin aldehyde	n/a	<	0.06	µg/L	EPA 608	0.06	0.2	WKL	
MO-CAM	2018/19-2	Wet	11/30/2018 5:55:00 AM	12/19/2018 4:38:00 AM	EPTC	n/a	<	0.017	µg/L	EPA 525.2	0.017	1	WKL	
MO-CAM	2018/19-2	Wet	11/30/2018 5:55:00 AM	12/20/2018 3:00:00 AM	Ethoprop	n/a	<	0.013	µg/L	EPA 525.2m	0.013	0.02	WKL	
MO-CAM	2018/19-2	Wet	11/30/2018 5:55:00 AM	12/20/2018 3:00:00 AM	Ethyl parathion	n/a	<	0.011	µg/L	EPA 525.2m	0.011	0.02	WKL	
MO-CAM	2018/19-2	Wet	11/30/2018 5:55:00 AM	12/20/2018 3:00:00 AM	Fensulfothion	n/a	<	0.0058	µg/L	EPA 525.2m	0.0058	0.02	WKL	
MO-CAM	2018/19-2	Wet	11/30/2018 5:55:00 AM	12/20/2018 3:00:00 AM	Fenthion	n/a	<	0.0076	µg/L	EPA 525.2m	0.0076	0.02	WKL	
MO-CAM	2018/19-2	Wet	11/30/2018 5:55:00 AM	1/12/2019 7:57:00 AM	gamma-BHC (Lindane)	n/a	<	0.042	µg/L	EPA 608	0.042	0.4	WKL	
MO-CAM	2018/19-2	Wet	11/30/2018 5:55:00 AM	1/12/2019 7:57:00 AM	gamma-Chlordane	n/a	<	0.088	µg/L	EPA 608	0.088	0.2	WKL	
MO-CAM	2018/19-2	Wet	11/30/2018 5:55:00 AM	12/10/2018 8:08:00 PM	Glyphosate	n/a	=	9.6	µg/L	EPA 547	1.8	5	WKL	
MO-CAM	2018/19-2	Wet	11/30/2018 5:55:00 AM	1/12/2019 7:57:00 AM	Heptachlor	n/a	<	0.034	µg/L	EPA 608	0.034	0.2	WKL	
MO-CAM	2018/19-2	Wet	11/30/2018 5:55:00 AM	1/12/2019 7:57:00 AM	Heptachlor epoxide	n/a	<	0.038	µg/L	EPA 608	0.038	0.2	WKL	
MO-CAM	2018/19-2	Wet	11/30/2018 5:55:00 AM	12/20/2018 3:00:00 AM	Malathion	n/a	=	0.033	µg/L	EPA 525.2m	0.015	0.02	WKL	
MO-CAM	2018/19-2	Wet	11/30/2018 5:55:00 AM	12/20/2018 3:00:00 AM	Merphos	n/a	<	0.012	µg/L	EPA 525.2m	0.012	0.02	WKL	
MO-CAM	2018/19-2	Wet	11/30/2018 5:55:00 AM	1/12/2019 7:57:00 AM	Methoxychlor	n/a	<	0.11	µg/L	EPA 608	0.11	0.4	WKL	
MO-CAM	2018/19-2	Wet	11/30/2018 5:55:00 AM	12/20/2018 3:00:00 AM	Methyl parathion	n/a	<	0.013	µg/L	EPA 525.2m	0.013	0.02	WKL	
MO-CAM	2018/19-2	Wet	11/30/2018 5:55:00 AM	12/19/2018 4:38:00 AM	Metolachlor	n/a	<	0.012	µg/L	EPA 525.2	0.012	0.1	WKL	
MO-CAM	2018/19-2	Wet	11/30/2018 5:55:00 AM	12/19/2018 4:38:00 AM	Metribuzin	n/a	<	0.5	µg/L	EPA 525.2	0.5	0.5	WKL	
MO-CAM	2018/19-2	Wet	11/30/2018 5:55:00 AM	12/20/2018 3:00:00 AM	Mevinphos	n/a	<	0.0084	µg/L	EPA 525.2m	0.0084	0.02	WKL	

Appendix G
Laboratory Environmental Analysis Results

Site ID	Event	Event Type	Sample Date	Analysis Date	Constituent	Fraction	Sign	Result	Units	Method	MDL	Reporting Limit	Analyzing Laboratory	Qualifier
MO-CAM	2018/19-2	Wet	11/30/2018 5:55:00 AM	12/19/2018 4:38:00 AM	Molinate	n/a	<	0.039	µg/L	EPA 525.2	0.039	0.1	WKL	
MO-CAM	2018/19-2	Wet	11/30/2018 5:55:00 AM	12/20/2018 3:00:00 AM	Naled	n/a	<	0.015	µg/L	EPA 525.2m	0.015	0.02	WKL	
MO-CAM	2018/19-2	Wet	11/30/2018 5:55:00 AM	1/7/2019 2:15:00 AM	Pentachlorophenol	n/a	DNQ	2.6	µg/L	EPA 625	0.95	5	WKL	
MO-CAM	2018/19-2	Wet	11/30/2018 5:55:00 AM	1/11/2019 2:56:00 AM	Pentachlorophenol	n/a	DNQ	2.4	µg/L	EPA 8270C	0.75	5	WKL	UL-MB
MO-CAM	2018/19-2	Wet	11/30/2018 5:55:00 AM	12/27/2018 7:33:00 PM	Pentachlorophenol	n/a	DNQ	0.12	µg/L	EPA 515.3	0.04	0.2	WKL	
MO-CAM	2018/19-2	Wet	11/30/2018 5:55:00 AM	12/20/2018 3:00:00 AM	Phorate	n/a	<	0.006	µg/L	EPA 525.2m	0.006	0.02	WKL	
MO-CAM	2018/19-2	Wet	11/30/2018 5:55:00 AM	12/27/2018 7:33:00 PM	Picloram	n/a	<	0.05	µg/L	EPA 515.3	0.05	0.6	WKL	
MO-CAM	2018/19-2	Wet	11/30/2018 5:55:00 AM	12/19/2018 4:38:00 AM	Prometon	n/a	<	0.024	µg/L	EPA 525.2	0.024	0.2	WKL	
MO-CAM	2018/19-2	Wet	11/30/2018 5:55:00 AM	12/19/2018 4:38:00 AM	Prometryn	n/a	<	0.036	µg/L	EPA 525.2	0.036	0.1	WKL	
MO-CAM	2018/19-2	Wet	11/30/2018 5:55:00 AM	12/20/2018 3:00:00 AM	Ronnel (Fenchlorphos)	n/a	<	0.0082	µg/L	EPA 525.2m	0.0082	0.02	WKL	
MO-CAM	2018/19-2	Wet	11/30/2018 5:55:00 AM	12/19/2018 4:38:00 AM	Simazine	n/a	<	0.015	µg/L	EPA 525.2	0.015	0.1	WKL	
MO-CAM	2018/19-2	Wet	11/30/2018 5:55:00 AM	12/20/2018 3:00:00 AM	Stirophos (Tetrachlorvinphos)	n/a	<	0.0062	µg/L	EPA 525.2m	0.0062	0.02	WKL	
MO-CAM	2018/19-2	Wet	11/30/2018 5:55:00 AM	12/19/2018 4:38:00 AM	Terbacil	n/a	<	0.55	µg/L	EPA 525.2	0.55	2	WKL	
MO-CAM	2018/19-2	Wet	11/30/2018 5:55:00 AM	12/19/2018 4:38:00 AM	Thiobencarb	n/a	<	0.025	µg/L	EPA 525.2	0.025	0.2	WKL	
MO-CAM	2018/19-2	Wet	11/30/2018 5:55:00 AM	12/20/2018 3:00:00 AM	Tokuthion	n/a	<	0.016	µg/L	EPA 525.2m	0.016	0.02	WKL	
MO-CAM	2018/19-2	Wet	11/30/2018 5:55:00 AM	1/12/2019 7:57:00 AM	Toxaphene	n/a	<	2.4	µg/L	EPA 608	2.4	10	WKL	
MO-CAM	2018/19-2	Wet	11/30/2018 5:55:00 AM	12/20/2018 3:00:00 AM	Trichloronate	n/a	<	0.013	µg/L	EPA 525.2m	0.013	0.02	WKL	
MO-CAM	2018/19-2	Wet	11/30/2018 5:55:00 AM	12/19/2018 4:38:00 AM	Trithion	n/a	<	0.012	µg/L	EPA 525.2	0.012	0.1	WKL	
MO-CAM	2018/19-3	Wet	1/5/2019 6:45:00 PM	1/6/2019 5:20:00 PM	E. Coli	n/a	=	2046	MPN/100 mL	MMO-MUG	10	10	VCHCA	
MO-CAM	2018/19-3	Wet	1/5/2019 6:45:00 PM	1/6/2019 5:20:00 PM	Total Coliform	n/a	=	46110	MPN/100 mL	MMO-MUG	100	100	VCHCA	
MO-CAM	2018/19-3	Wet	1/5/2019 6:45:00 PM	1/5/2019 6:45:00 PM	Conductivity	n/a	=	37.7	µmhos/cm	Field Meter	-88	1	Field Crew	
MO-CAM	2018/19-3	Wet	1/5/2019 6:45:00 PM	1/11/2019 4:34:00 PM	Cyanide	Total	DNQ	0.0008	mg/L	ASTM D7511	0.0005	0.002	Field Crew	
MO-CAM	2018/19-3	Wet	1/5/2019 6:45:00 PM	1/5/2019 6:45:00 PM	DO	n/a	=	98.5	%	Field Meter	-88	0.1	Field Crew	
MO-CAM	2018/19-3	Wet	1/5/2019 6:45:00 PM	1/5/2019 6:45:00 PM	DO	n/a	=	10.5	mg/L	Field Meter	-88	0.3	Field Crew	
MO-CAM	2018/19-3	Wet	1/5/2019 6:45:00 PM	1/5/2019 6:45:00 PM	pH	n/a	=	6.82	pH Units	Field Meter	-88	0.01	Field Crew	
MO-CAM	2018/19-3	Wet	1/5/2019 6:45:00 PM	1/5/2019 6:45:00 PM	Salinity	n/a	<	100	mg/L	Field Meter	-88	100	Field Crew	
MO-CAM	2018/19-3	Wet	1/5/2019 6:45:00 PM	1/5/2019 6:45:00 PM	Specific Conductance	n/a	=	50.7	µmhos/cm	Field Meter	-88	1	Field Crew	
MO-CAM	2018/19-3	Wet	1/5/2019 6:45:00 PM	1/5/2019 6:45:00 PM	Temperature	n/a	=	11.6	°C	Field Meter	-88	0.1	Field Crew	
MO-CAM	2018/19-3	Wet	1/5/2019 6:45:00 PM	1/12/2019 7:28:00 AM	Gasoline Range Organics	n/a	<	0.012	mg/L	LUFT GC/MS	0.012	0.1	WKL	
MO-CAM	2018/19-3	Wet	1/5/2019 6:45:00 PM	1/11/2019 3:00:00 PM	Oil and Grease	n/a	<	1.3	mg/L	EPA 1664A	1.3	5	WKL	
MO-CAM	2018/19-3	Wet	1/5/2019 6:45:00 PM	1/8/2019 6:18:00 PM	2-Chloroethyl vinyl ether	n/a	<	0.28	µg/L	EPA 624	0.28	1	WKL	
MO-CAM	2018/19-3	Wet	1/5/2019 6:45:00 PM	1/8/2019 6:18:00 PM	Methyl tert-butyl ether (MTBE)	n/a	<	0.25	µg/L	EPA 624	0.25	1	WKL	
MO-CAM	2018/19-3	Wet	1/5/2019 10:15:00 PM	1/15/2019 10:00:00 PM	Chloride	n/a	=	5.3	mg/L	EPA 300.0	0.1	0.5	WKL	
MO-CAM	2018/19-3	Wet	1/5/2019 10:15:00 PM	1/15/2019 10:00:00 PM	FLUORIDE	n/a	DNQ	0.048	mg/L	EPA 300.0	0.02	0.1	WKL	
MO-CAM	2018/19-3	Wet	1/5/2019 10:15:00 PM	1/9/2019 5:05:00 AM	Perchlorate	n/a	<	0.95	µg/L	EPA 314.0	0.95	2	WKL	
MO-CAM	2018/19-3	Wet	1/5/2019 10:15:00 PM	1/15/2019 10:00:00 PM	Sulfate	Total	=	6.2	mg/L	EPA 300.0	0.1	0.5	WKL	
MO-CAM	2018/19-3	Wet	1/5/2019 10:15:00 PM	1/30/2019 9:56:00 PM	Calcium	Total	=	9.19	mg/L	EPA 200.7	0.016	0.1	WKL	
MO-CAM	2018/19-3	Wet	1/5/2019 10:15:00 PM	1/30/2019 9:56:00 PM	Magnesium	Total	=	2.51	mg/L	EPA 200.7	0.012	0.1	WKL	
MO-CAM	2018/19-3	Wet	1/5/2019 10:15:00 PM	1/30/2019 9:56:00 PM	Potassium	Total	=	3.2	mg/L	EPA 200.7	0.081	0.1	WKL	
MO-CAM	2018/19-3	Wet	1/5/2019 10:15:00 PM	1/30/2019 9:56:00 PM	Sodium	Total	=	4.9	mg/L	EPA 200.7	0.015	0.5	WKL	
MO-CAM	2018/19-3	Wet	1/5/2019 10:15:00 PM	1/11/2019 3:58:00 PM	Alkalinity as CaCO3	n/a	=	21	mg/L	SM 2320 B	0.56	2	WKL	
MO-CAM	2018/19-3	Wet	1/5/2019 10:15:00 PM	1/12/2019 12:22:00 PM	BOD	n/a	=	16	mg/L	SM 5210 B	2	2	WKL	
MO-CAM	2018/19-3	Wet	1/5/2019 10:15:00 PM	1/17/2019 11:30:00 AM	COD	n/a	=	120	mg/L	EPA 410.4	0.73	5	WKL	
MO-CAM	2018/19-3	Wet	1/5/2019 10:15:00 PM	1/31/2019 4:14:00 AM	Dissolved Inorganic Carbon	Dissolved	=	8.7	mg/L	SM 5310 B	0.65	1	TestAmerica	
MO-CAM	2018/19-3	Wet	1/5/2019 10:15:00 PM	1/31/2019 11:57:21 AM	Dissolved Organic Carbon	Dissolved	=	8.3	mg/L	SM 5310 B	0.65	1	TestAmerica	
MO-CAM	2018/19-3	Wet	1/5/2019 10:15:00 PM	1/30/2019 9:56:00 PM	Hardness as CaCO3	Total	=	33.3	mg/L	EPA 200.7	0.0894	0.662	WKL	
MO-CAM	2018/19-3	Wet	1/5/2019 10:15:00 PM	1/7/2019 2:48:00 PM	MBAS	n/a	=	0.12	mg/L	SM 5540 C	0.019	0.05	WKL	
MO-CAM	2018/19-3	Wet	1/5/2019 10:15:00 PM	1/17/2019 5:46:00 PM	Phenolics	n/a	=	0.026	mg/L	EPA 420.4	0.0042	0.01	WKL	

Appendix G
Laboratory Environmental Analysis Results

Site ID	Event	Event Type	Sample Date	Analysis Date	Constituent	Fraction	Sign	Result	Units	Method	MDL	Reporting Limit	Analyzing Laboratory	Qualifier
MO-CAM	2018/19-3	Wet	1/5/2019 10:15:00 PM	1/10/2019 11:39:00 AM	Specific Conductance	n/a	=	91	µmhos/cm	SM 2510 B	0.23	2	WKL	
MO-CAM	2018/19-3	Wet	1/5/2019 10:15:00 PM	1/7/2019 6:56:00 PM	Total Chlorine Residual	n/a	DNQ	0.029	mg/L	SM 4500-Cl G	0.0015	0.05	WKL	EST-HT, UL-MB
MO-CAM	2018/19-3	Wet	1/5/2019 10:15:00 PM	1/10/2019 2:32:00 PM	Total Dissolved Solids	n/a	=	61	mg/L	SM 2540 C	4	10	WKL	
MO-CAM	2018/19-3	Wet	1/5/2019 10:15:00 PM	1/31/2019 2:06:00 PM	Total Organic Carbon	n/a	=	10	mg/L	SM 5310 B	0.21	0.3	MCA	
MO-CAM	2018/19-3	Wet	1/5/2019 10:15:00 PM	1/8/2019 1:30:00 PM	Total Suspended Solids	n/a	=	230	mg/L	SM 2540 D	-88	5	WKL	
MO-CAM	2018/19-3	Wet	1/5/2019 10:15:00 PM	1/7/2019 11:44:00 AM	Turbidity	n/a	=	62	NTU	EPA 180.1	0.048	0.2	WKL	
MO-CAM	2018/19-3	Wet	1/5/2019 10:15:00 PM	1/8/2019 1:30:00 PM	Volatile Suspended Solids	n/a	=	65	mg/L	EPA 160.4	3.1	5	WKL	
MO-CAM	2018/19-3	Wet	1/5/2019 10:15:00 PM	1/22/2019 10:01:00 PM	Diesel Range Organics	n/a	DNQ	0.87	mg/L	EPA 8015D	0.24	1	WKL	UL-MB
MO-CAM	2018/19-3	Wet	1/5/2019 10:15:00 PM	1/22/2019 10:01:00 PM	Oil Range Organics	n/a	<	3.3	mg/L	EPA 8015D	3.3	5	WKL	
MO-CAM	2018/19-3	Wet	1/5/2019 10:15:00 PM	2/4/2019 4:54:00 PM	Aluminum	Dissolved	=	36	µg/L	EPA 200.8	1.3	5	WKL	HB-MSR
MO-CAM	2018/19-3	Wet	1/5/2019 10:15:00 PM	2/4/2019 5:01:00 PM	Aluminum	Total	=	3900	µg/L	EPA 200.8	1.3	5	WKL	
MO-CAM	2018/19-3	Wet	1/5/2019 10:15:00 PM	2/4/2019 4:54:00 PM	Antimony	Dissolved	=	0.56	µg/L	EPA 200.8	0.045	0.5	WKL	
MO-CAM	2018/19-3	Wet	1/5/2019 10:15:00 PM	2/4/2019 5:01:00 PM	Antimony	Total	=	1.5	µg/L	EPA 200.8	0.045	0.5	WKL	
MO-CAM	2018/19-3	Wet	1/5/2019 10:15:00 PM	2/4/2019 4:54:00 PM	Arsenic	Dissolved	=	0.61	µg/L	EPA 200.8	0.074	0.4	WKL	
MO-CAM	2018/19-3	Wet	1/5/2019 10:15:00 PM	2/4/2019 5:01:00 PM	Arsenic	Total	=	2	µg/L	EPA 200.8	0.074	0.4	WKL	
MO-CAM	2018/19-3	Wet	1/5/2019 10:15:00 PM	2/4/2019 5:01:00 PM	Barium	Total	=	60	µg/L	EPA 200.8	0.071	0.5	WKL	
MO-CAM	2018/19-3	Wet	1/5/2019 10:15:00 PM	2/4/2019 4:54:00 PM	Beryllium	Dissolved	<	0.033	µg/L	EPA 200.8	0.033	0.1	WKL	
MO-CAM	2018/19-3	Wet	1/5/2019 10:15:00 PM	2/4/2019 5:01:00 PM	Beryllium	Total	=	0.12	µg/L	EPA 200.8	0.033	0.1	WKL	
MO-CAM	2018/19-3	Wet	1/5/2019 10:15:00 PM	2/4/2019 4:54:00 PM	Cadmium	Dissolved	<	0.041	µg/L	EPA 200.8	0.041	0.1	WKL	
MO-CAM	2018/19-3	Wet	1/5/2019 10:15:00 PM	2/4/2019 5:01:00 PM	Cadmium	Total	=	0.37	µg/L	EPA 200.8	0.041	0.1	WKL	
MO-CAM	2018/19-3	Wet	1/5/2019 10:15:00 PM	2/4/2019 4:54:00 PM	Chromium	Dissolved	=	0.45	µg/L	EPA 200.8	0.035	0.2	WKL	
MO-CAM	2018/19-3	Wet	1/5/2019 10:15:00 PM	2/4/2019 5:01:00 PM	Chromium	Total	=	7	µg/L	EPA 200.8	0.035	0.2	WKL	
MO-CAM	2018/19-3	Wet	1/5/2019 10:15:00 PM	1/18/2019 1:52:00 PM	Chromium VI	n/a	=	0.3	µg/L	EPA 218.6	0.0048	0.02	WKL	
MO-CAM	2018/19-3	Wet	1/5/2019 10:15:00 PM	2/4/2019 4:54:00 PM	Copper	Dissolved	=	6	µg/L	EPA 200.8	0.13	0.5	WKL	
MO-CAM	2018/19-3	Wet	1/5/2019 10:15:00 PM	2/4/2019 5:01:00 PM	Copper	Total	=	29	µg/L	EPA 200.8	0.13	0.5	WKL	
MO-CAM	2018/19-3	Wet	1/5/2019 10:15:00 PM	1/30/2019 9:12:00 PM	Iron	Dissolved	=	57	µg/L	EPA 200.7	1.1	10	WKL	
MO-CAM	2018/19-3	Wet	1/5/2019 10:15:00 PM	1/30/2019 9:56:00 PM	Iron	Total	=	4900	µg/L	EPA 200.7	1.1	10	WKL	
MO-CAM	2018/19-3	Wet	1/5/2019 10:15:00 PM	2/4/2019 4:54:00 PM	Lead	Dissolved	DNQ	0.17	µg/L	EPA 200.8	0.031	0.2	WKL	
MO-CAM	2018/19-3	Wet	1/5/2019 10:15:00 PM	2/4/2019 5:01:00 PM	Lead	Total	=	7.8	µg/L	EPA 200.8	0.031	0.2	WKL	
MO-CAM	2018/19-3	Wet	1/5/2019 10:15:00 PM	1/10/2019 3:56:00 PM	Mercury	Dissolved	<	17	ng/L	EPA 245.1	17	50	WKL	
MO-CAM	2018/19-3	Wet	1/5/2019 10:15:00 PM	1/10/2019 3:58:00 PM	Mercury	Total	DNQ	32	ng/L	EPA 245.1	17	50	WKL	
MO-CAM	2018/19-3	Wet	1/5/2019 10:15:00 PM	2/4/2019 4:54:00 PM	Nickel	Dissolved	=	1.4	µg/L	EPA 200.8	0.045	0.8	WKL	
MO-CAM	2018/19-3	Wet	1/5/2019 10:15:00 PM	2/4/2019 5:01:00 PM	Nickel	Total	=	7.9	µg/L	EPA 200.8	0.045	0.8	WKL	
MO-CAM	2018/19-3	Wet	1/5/2019 10:15:00 PM	2/4/2019 4:54:00 PM	Selenium	Dissolved	<	0.14	µg/L	EPA 200.8	0.14	0.4	WKL	
MO-CAM	2018/19-3	Wet	1/5/2019 10:15:00 PM	2/4/2019 5:01:00 PM	Selenium	Total	DNQ	0.19	µg/L	EPA 200.8	0.14	0.4	WKL	
MO-CAM	2018/19-3	Wet	1/5/2019 10:15:00 PM	2/4/2019 4:54:00 PM	Silver	Dissolved	<	0.062	µg/L	EPA 200.8	0.062	0.2	WKL	
MO-CAM	2018/19-3	Wet	1/5/2019 10:15:00 PM	2/4/2019 5:01:00 PM	Silver	Total	DNQ	0.09	µg/L	EPA 200.8	0.062	0.2	WKL	
MO-CAM	2018/19-3	Wet	1/5/2019 10:15:00 PM	2/4/2019 4:54:00 PM	Thallium	Dissolved	<	0.014	µg/L	EPA 200.8	0.014	0.2	WKL	
MO-CAM	2018/19-3	Wet	1/5/2019 10:15:00 PM	2/4/2019 5:01:00 PM	Thallium	Total	DNQ	0.05	µg/L	EPA 200.8	0.014	0.2	WKL	
MO-CAM	2018/19-3	Wet	1/5/2019 10:15:00 PM	2/4/2019 4:54:00 PM	Zinc	Dissolved	=	31	µg/L	EPA 200.8	0.94	5	WKL	
MO-CAM	2018/19-3	Wet	1/5/2019 10:15:00 PM	2/4/2019 5:01:00 PM	Zinc	Total	=	190	µg/L	EPA 200.8	0.94	5	WKL	
MO-CAM	2018/19-3	Wet	1/5/2019 10:15:00 PM	1/15/2019 6:47:00 PM	Ammonia as N	n/a	=	0.36	mg/L	EPA 350.1	0.048	0.1	WKL	
MO-CAM	2018/19-3	Wet	1/5/2019 10:15:00 PM	1/12/2019 10:02:00 AM	Nitrate + Nitrite as N	n/a	=	0.6	mg/L	EPA 353.2	0.083	0.2	WKL	
MO-CAM	2018/19-3	Wet	1/5/2019 10:15:00 PM	1/17/2019 6:36:00 PM	Phosphorus as P	Dissolved	=	0.13	mg/L	EPA 200.7	0.012	0.02	WKL	
MO-CAM	2018/19-3	Wet	1/5/2019 10:15:00 PM	1/17/2019 6:39:00 PM	Phosphorus as P	Total	=	0.59	mg/L	EPA 200.7	0.012	0.02	WKL	
MO-CAM	2018/19-3	Wet	1/5/2019 10:15:00 PM	1/12/2019 1:50:00 PM	TKN	n/a	=	1.2	mg/L	EPA 351.2	0.05	0.1	WKL	
MO-CAM	2018/19-3	Wet	1/5/2019 10:15:00 PM	1/30/2019 2:14:00 AM	1,2,4-Trichlorobenzene	n/a	<	5.5	µg/L	EPA 625	5.5	10	WKL	
MO-CAM	2018/19-3	Wet	1/5/2019 10:15:00 PM	1/30/2019 2:14:00 AM	1,2-Dichlorobenzene	n/a	<	5.7	µg/L	EPA 625	5.7	10	WKL	

Appendix G
Laboratory Environmental Analysis Results

Site ID	Event	Event Type	Sample Date	Analysis Date	Constituent	Fraction	Sign	Result	Units	Method	MDL	Reporting Limit	Analyzing Laboratory	Qualifier
MO-CAM	2018/19-3	Wet	1/5/2019 10:15:00 PM	1/30/2019 2:14:00 AM	1,2-Diphenylhydrazine	n/a	<	2.5	µg/L	EPA 625	2.5	10	WKL	
MO-CAM	2018/19-3	Wet	1/5/2019 10:15:00 PM	1/30/2019 2:14:00 AM	1,3-Dichlorobenzene	n/a	<	5.3	µg/L	EPA 625	5.3	10	WKL	
MO-CAM	2018/19-3	Wet	1/5/2019 10:15:00 PM	1/30/2019 2:14:00 AM	1,4-Dichlorobenzene	n/a	<	5.5	µg/L	EPA 625	5.5	10	WKL	
MO-CAM	2018/19-3	Wet	1/5/2019 10:15:00 PM	2/1/2019 9:58:00 PM	1-Methylnaphthalene	n/a	<	1	µg/L	EPA 8270C	1	1	WKL	
MO-CAM	2018/19-3	Wet	1/5/2019 10:15:00 PM	2/5/2019 10:23:00 PM	2,4,5-Trichlorophenol	n/a	<	2.9	µg/L	EPA 8270C	2.9	10	WKL	
MO-CAM	2018/19-3	Wet	1/5/2019 10:15:00 PM	1/30/2019 2:14:00 AM	2,4,6-Trichlorophenol	n/a	<	2.2	µg/L	EPA 625	2.2	10	WKL	
MO-CAM	2018/19-3	Wet	1/5/2019 10:15:00 PM	2/5/2019 10:23:00 PM	2,4,6-Trichlorophenol	n/a	<	3	µg/L	EPA 8270C	3	10	WKL	
MO-CAM	2018/19-3	Wet	1/5/2019 10:15:00 PM	1/30/2019 2:14:00 AM	2,4-Dichlorophenol	n/a	<	2.6	µg/L	EPA 625	2.6	10	WKL	
MO-CAM	2018/19-3	Wet	1/5/2019 10:15:00 PM	2/5/2019 10:23:00 PM	2,4-Dichlorophenol	n/a	<	5.1	µg/L	EPA 8270C	5.1	10	WKL	
MO-CAM	2018/19-3	Wet	1/5/2019 10:15:00 PM	2/5/2019 10:23:00 PM	2,4-Dimethylphenol	n/a	<	10	µg/L	EPA 8270C	10	20	WKL	
MO-CAM	2018/19-3	Wet	1/5/2019 10:15:00 PM	1/30/2019 2:14:00 AM	2,4-Dimethylphenol	n/a	<	3	µg/L	EPA 625	3	10	WKL	
MO-CAM	2018/19-3	Wet	1/5/2019 10:15:00 PM	2/5/2019 10:23:00 PM	2,4-Dinitrophenol	n/a	<	10	µg/L	EPA 8270C	10	20	WKL	
MO-CAM	2018/19-3	Wet	1/5/2019 10:15:00 PM	1/30/2019 2:14:00 AM	2,4-Dinitrophenol	n/a	<	16	µg/L	EPA 625	16	100	WKL	
MO-CAM	2018/19-3	Wet	1/5/2019 10:15:00 PM	1/30/2019 2:14:00 AM	2,4-Dinitrotoluene	n/a	<	1.8	µg/L	EPA 625	1.8	10	WKL	
MO-CAM	2018/19-3	Wet	1/5/2019 10:15:00 PM	1/30/2019 2:14:00 AM	2,6-Dinitrotoluene	n/a	<	2.7	µg/L	EPA 625	2.7	10	WKL	
MO-CAM	2018/19-3	Wet	1/5/2019 10:15:00 PM	1/30/2019 2:14:00 AM	2-Chloronaphthalene	n/a	<	4.5	µg/L	EPA 625	4.5	10	WKL	
MO-CAM	2018/19-3	Wet	1/5/2019 10:15:00 PM	1/30/2019 2:14:00 AM	2-Chlorophenol	n/a	<	2.8	µg/L	EPA 625	2.8	10	WKL	
MO-CAM	2018/19-3	Wet	1/5/2019 10:15:00 PM	2/5/2019 10:23:00 PM	2-Chlorophenol	n/a	<	6.5	µg/L	EPA 8270C	6.5	10	WKL	
MO-CAM	2018/19-3	Wet	1/5/2019 10:15:00 PM	2/1/2019 9:58:00 PM	2-Methylnaphthalene	n/a	<	1	µg/L	EPA 8270C	1	1	WKL	
MO-CAM	2018/19-3	Wet	1/5/2019 10:15:00 PM	2/5/2019 10:23:00 PM	2-Methylphenol	n/a	<	3.4	µg/L	EPA 8270C	3.4	10	WKL	
MO-CAM	2018/19-3	Wet	1/5/2019 10:15:00 PM	1/30/2019 2:14:00 AM	2-Nitrophenol	n/a	<	2.6	µg/L	EPA 625	2.6	10	WKL	
MO-CAM	2018/19-3	Wet	1/5/2019 10:15:00 PM	2/5/2019 10:23:00 PM	2-Nitrophenol	n/a	<	7.1	µg/L	EPA 8270C	7.1	10	WKL	
MO-CAM	2018/19-3	Wet	1/5/2019 10:15:00 PM	1/30/2019 2:14:00 AM	3,3'-Dichlorobenzidine	n/a	<	12	µg/L	EPA 625	12	50	WKL	
MO-CAM	2018/19-3	Wet	1/5/2019 10:15:00 PM	2/5/2019 10:23:00 PM	3-/4-Methylphenol	n/a	<	3	µg/L	EPA 8270C	3	10	WKL	
MO-CAM	2018/19-3	Wet	1/5/2019 10:15:00 PM	2/5/2019 10:23:00 PM	4,6-Dinitro-2-methylphenol	n/a	<	1.4	µg/L	EPA 8270C	1.4	10	WKL	
MO-CAM	2018/19-3	Wet	1/5/2019 10:15:00 PM	1/30/2019 2:14:00 AM	4,6-Dinitro-2-methylphenol	n/a	<	17	µg/L	EPA 625	17	50	WKL	
MO-CAM	2018/19-3	Wet	1/5/2019 10:15:00 PM	1/30/2019 2:14:00 AM	4-Bromophenyl phenyl ether	n/a	<	3.6	µg/L	EPA 625	3.6	10	WKL	
MO-CAM	2018/19-3	Wet	1/5/2019 10:15:00 PM	2/5/2019 10:23:00 PM	4-Chloro-3-methylphenol	n/a	<	3.7	µg/L	EPA 8270C	3.7	10	WKL	
MO-CAM	2018/19-3	Wet	1/5/2019 10:15:00 PM	1/30/2019 2:14:00 AM	4-Chloro-3-methylphenol	n/a	<	2.3	µg/L	EPA 625	2.3	10	WKL	
MO-CAM	2018/19-3	Wet	1/5/2019 10:15:00 PM	1/30/2019 2:14:00 AM	4-Chlorophenyl phenyl ether	n/a	<	4.1	µg/L	EPA 625	4.1	10	WKL	
MO-CAM	2018/19-3	Wet	1/5/2019 10:15:00 PM	2/5/2019 10:23:00 PM	4-Nitrophenol	n/a	<	10	µg/L	EPA 8270C	10	20	WKL	
MO-CAM	2018/19-3	Wet	1/5/2019 10:15:00 PM	1/30/2019 2:14:00 AM	4-Nitrophenol	n/a	<	4.5	µg/L	EPA 625	4.5	50	WKL	
MO-CAM	2018/19-3	Wet	1/5/2019 10:15:00 PM	1/30/2019 2:14:00 AM	Acenaphthene	n/a	<	3.8	µg/L	EPA 625	3.8	10	WKL	
MO-CAM	2018/19-3	Wet	1/5/2019 10:15:00 PM	2/1/2019 9:58:00 PM	Acenaphthene	n/a	<	1	µg/L	EPA 8270C	1	1	WKL	
MO-CAM	2018/19-3	Wet	1/5/2019 10:15:00 PM	1/30/2019 2:14:00 AM	Acenaphthylene	n/a	<	4	µg/L	EPA 625	4	10	WKL	
MO-CAM	2018/19-3	Wet	1/5/2019 10:15:00 PM	2/1/2019 9:58:00 PM	Acenaphthylene	n/a	<	1	µg/L	EPA 8270C	1	1	WKL	
MO-CAM	2018/19-3	Wet	1/5/2019 10:15:00 PM	1/30/2019 2:14:00 AM	Anthracene	n/a	<	3.4	µg/L	EPA 625	3.4	10	WKL	
MO-CAM	2018/19-3	Wet	1/5/2019 10:15:00 PM	2/1/2019 9:58:00 PM	Anthracene	n/a	<	1	µg/L	EPA 8270C	1	1	WKL	
MO-CAM	2018/19-3	Wet	1/5/2019 10:15:00 PM	1/30/2019 2:14:00 AM	Benz(a)anthracene	n/a	<	1.9	µg/L	EPA 625	1.9	10	WKL	
MO-CAM	2018/19-3	Wet	1/5/2019 10:15:00 PM	2/1/2019 9:58:00 PM	Benz(a)anthracene	n/a	<	1	µg/L	EPA 8270C	1	1	WKL	
MO-CAM	2018/19-3	Wet	1/5/2019 10:15:00 PM	1/30/2019 2:14:00 AM	Benzdine	n/a	<	37	µg/L	EPA 625	37	100	WKL	
MO-CAM	2018/19-3	Wet	1/5/2019 10:15:00 PM	2/1/2019 10:22:00 PM	Benzo(a)pyrene	n/a	<	0.35	µg/L	EPA 525.2	0.35	0.5	WKL	
MO-CAM	2018/19-3	Wet	1/5/2019 10:15:00 PM	1/30/2019 2:14:00 AM	Benzo(a)pyrene	n/a	<	1.3	µg/L	EPA 625	1.3	10	WKL	
MO-CAM	2018/19-3	Wet	1/5/2019 10:15:00 PM	2/1/2019 9:58:00 PM	Benzo(a)pyrene	n/a	<	1	µg/L	EPA 8270C	1	1	WKL	
MO-CAM	2018/19-3	Wet	1/5/2019 10:15:00 PM	1/30/2019 2:14:00 AM	Benzo(b)fluoranthene	n/a	<	1.4	µg/L	EPA 625	1.4	10	WKL	
MO-CAM	2018/19-3	Wet	1/5/2019 10:15:00 PM	2/1/2019 9:58:00 PM	Benzo(b)fluoranthene	n/a	<	1	µg/L	EPA 8270C	1	1	WKL	
MO-CAM	2018/19-3	Wet	1/5/2019 10:15:00 PM	2/1/2019 9:58:00 PM	Benzo(g,h,i)perylene	n/a	<	1	µg/L	EPA 8270C	1	1	WKL	
MO-CAM	2018/19-3	Wet	1/5/2019 10:15:00 PM	1/30/2019 2:14:00 AM	Benzo(g,h,i)perylene	n/a	<	1	µg/L	EPA 625	1	20	WKL	

Appendix G
Laboratory Environmental Analysis Results

Site ID	Event	Event Type	Sample Date	Analysis Date	Constituent	Fraction	Sign	Result	Units	Method	MDL	Reporting Limit	Analyzing Laboratory	Qualifier
MO-CAM	2018/19-3	Wet	1/5/2019 10:15:00 PM	1/30/2019 2:14:00 AM	Benzo(k)fluoranthene	n/a	<	2.2	µg/L	EPA 625	2.2	10	WKL	
MO-CAM	2018/19-3	Wet	1/5/2019 10:15:00 PM	2/1/2019 9:58:00 PM	Benzo(k)fluoranthene	n/a	<	1	µg/L	EPA 8270C	1	1	WKL	
MO-CAM	2018/19-3	Wet	1/5/2019 10:15:00 PM	1/30/2019 2:14:00 AM	Bis(2-chloroethoxy)methane	n/a	<	2.5	µg/L	EPA 625	2.5	10	WKL	
MO-CAM	2018/19-3	Wet	1/5/2019 10:15:00 PM	1/30/2019 2:14:00 AM	Bis(2-chloroethyl)ether	n/a	<	2.7	µg/L	EPA 625	2.7	10	WKL	
MO-CAM	2018/19-3	Wet	1/5/2019 10:15:00 PM	1/30/2019 2:14:00 AM	Bis(2-chloroisopropyl)ether	n/a	<	3.8	µg/L	EPA 625	3.8	10	WKL	
MO-CAM	2018/19-3	Wet	1/5/2019 10:15:00 PM	2/1/2019 10:22:00 PM	Bis(2-ethylhexyl)adipate	n/a	<	0.52	µg/L	EPA 525.2	0.52	25	WKL	
MO-CAM	2018/19-3	Wet	1/5/2019 10:15:00 PM	2/1/2019 10:22:00 PM	Bis(2-ethylhexyl)phthalate	n/a	<	5.3	µg/L	EPA 525.2	5.3	15	WKL	
MO-CAM	2018/19-3	Wet	1/5/2019 10:15:00 PM	1/30/2019 2:14:00 AM	Bis(2-ethylhexyl)phthalate	n/a	<	23	µg/L	EPA 625	23	50	WKL	
MO-CAM	2018/19-3	Wet	1/5/2019 10:15:00 PM	1/30/2019 2:14:00 AM	Butyl benzyl phthalate	n/a	<	1.8	µg/L	EPA 625	1.8	10	WKL	
MO-CAM	2018/19-3	Wet	1/5/2019 10:15:00 PM	1/30/2019 2:14:00 AM	Chrysene	n/a	<	1.9	µg/L	EPA 625	1.9	10	WKL	
MO-CAM	2018/19-3	Wet	1/5/2019 10:15:00 PM	2/1/2019 9:58:00 PM	Chrysene	n/a	<	1	µg/L	EPA 8270C	1	1	WKL	
MO-CAM	2018/19-3	Wet	1/5/2019 10:15:00 PM	2/1/2019 9:58:00 PM	Dibenz(a,h)anthracene	n/a	<	1	µg/L	EPA 8270C	1	1	WKL	
MO-CAM	2018/19-3	Wet	1/5/2019 10:15:00 PM	1/30/2019 2:14:00 AM	Dibenz(a,h)anthracene	n/a	<	0.8	µg/L	EPA 625	0.8	20	WKL	
MO-CAM	2018/19-3	Wet	1/5/2019 10:15:00 PM	1/30/2019 2:14:00 AM	Diethyl phthalate	n/a	<	1.5	µg/L	EPA 625	1.5	10	WKL	
MO-CAM	2018/19-3	Wet	1/5/2019 10:15:00 PM	1/30/2019 2:14:00 AM	Dimethyl phthalate	n/a	<	1.8	µg/L	EPA 625	1.8	10	WKL	
MO-CAM	2018/19-3	Wet	1/5/2019 10:15:00 PM	1/30/2019 2:14:00 AM	Di-n-butylphthalate	n/a	<	2.4	µg/L	EPA 625	2.4	10	WKL	
MO-CAM	2018/19-3	Wet	1/5/2019 10:15:00 PM	1/30/2019 2:14:00 AM	Di-n-octylphthalate	n/a	<	1.9	µg/L	EPA 625	1.9	10	WKL	
MO-CAM	2018/19-3	Wet	1/5/2019 10:15:00 PM	1/30/2019 2:14:00 AM	Fluoranthene	n/a	<	2.2	µg/L	EPA 625	2.2	10	WKL	
MO-CAM	2018/19-3	Wet	1/5/2019 10:15:00 PM	2/1/2019 9:58:00 PM	Fluoranthene	n/a	<	1	µg/L	EPA 8270C	1	1	WKL	
MO-CAM	2018/19-3	Wet	1/5/2019 10:15:00 PM	1/30/2019 2:14:00 AM	Fluorene	n/a	<	3.5	µg/L	EPA 625	3.5	10	WKL	
MO-CAM	2018/19-3	Wet	1/5/2019 10:15:00 PM	2/1/2019 9:58:00 PM	Fluorene	n/a	<	1	µg/L	EPA 8270C	1	1	WKL	
MO-CAM	2018/19-3	Wet	1/5/2019 10:15:00 PM	1/30/2019 2:14:00 AM	Hexachlorobenzene	n/a	<	4.9	µg/L	EPA 625	4.9	10	WKL	
MO-CAM	2018/19-3	Wet	1/5/2019 10:15:00 PM	1/30/2019 2:14:00 AM	Hexachlorobutadiene	n/a	<	4.7	µg/L	EPA 625	4.7	10	WKL	
MO-CAM	2018/19-3	Wet	1/5/2019 10:15:00 PM	1/30/2019 2:14:00 AM	Hexachlorocyclopentadiene	n/a	<	15	µg/L	EPA 625	15	50	WKL	
MO-CAM	2018/19-3	Wet	1/5/2019 10:15:00 PM	1/30/2019 2:14:00 AM	Hexachloroethane	n/a	<	5.2	µg/L	EPA 625	5.2	10	WKL	
MO-CAM	2018/19-3	Wet	1/5/2019 10:15:00 PM	1/30/2019 2:14:00 AM	Indeno(1,2,3-cd)pyrene	n/a	<	1.2	µg/L	EPA 625	1.2	20	WKL	
MO-CAM	2018/19-3	Wet	1/5/2019 10:15:00 PM	2/1/2019 9:58:00 PM	Indeno(1,2,3-cd)pyrene	n/a	<	1	µg/L	EPA 8270C	1	1	WKL	
MO-CAM	2018/19-3	Wet	1/5/2019 10:15:00 PM	1/30/2019 2:14:00 AM	Isophorone	n/a	<	2.1	µg/L	EPA 625	2.1	10	WKL	
MO-CAM	2018/19-3	Wet	1/5/2019 10:15:00 PM	2/1/2019 9:58:00 PM	Naphthalene	n/a	<	1	µg/L	EPA 8270C	1	1	WKL	
MO-CAM	2018/19-3	Wet	1/5/2019 10:15:00 PM	1/30/2019 2:14:00 AM	Naphthalene	n/a	<	4.9	µg/L	EPA 625	4.9	10	WKL	
MO-CAM	2018/19-3	Wet	1/5/2019 10:15:00 PM	1/30/2019 2:14:00 AM	Nitrobenzene	n/a	<	3.6	µg/L	EPA 625	3.6	10	WKL	
MO-CAM	2018/19-3	Wet	1/5/2019 10:15:00 PM	1/30/2019 2:14:00 AM	N-Nitrosodimethylamine	n/a	<	1.4	µg/L	EPA 625	1.4	10	WKL	
MO-CAM	2018/19-3	Wet	1/5/2019 10:15:00 PM	1/30/2019 2:14:00 AM	N-Nitrosodi-N-propylamine	n/a	<	2.6	µg/L	EPA 625	2.6	10	WKL	
MO-CAM	2018/19-3	Wet	1/5/2019 10:15:00 PM	1/30/2019 2:14:00 AM	N-Nitrosodiphenylamine	n/a	<	1.9	µg/L	EPA 625	1.9	10	WKL	
MO-CAM	2018/19-3	Wet	1/5/2019 10:15:00 PM	1/30/2019 2:14:00 AM	Phenanthrene	n/a	<	3.2	µg/L	EPA 625	3.2	10	WKL	
MO-CAM	2018/19-3	Wet	1/5/2019 10:15:00 PM	2/1/2019 9:58:00 PM	Phenanthrene	n/a	<	1	µg/L	EPA 8270C	1	1	WKL	
MO-CAM	2018/19-3	Wet	1/5/2019 10:15:00 PM	2/5/2019 10:23:00 PM	Phenol	n/a	<	3.5	µg/L	EPA 8270C	3.5	10	WKL	
MO-CAM	2018/19-3	Wet	1/5/2019 10:15:00 PM	1/30/2019 2:14:00 AM	Phenol	n/a	<	1.6	µg/L	EPA 625	1.6	10	WKL	
MO-CAM	2018/19-3	Wet	1/5/2019 10:15:00 PM	1/30/2019 2:14:00 AM	Pyrene	n/a	<	2.5	µg/L	EPA 625	2.5	10	WKL	
MO-CAM	2018/19-3	Wet	1/5/2019 10:15:00 PM	2/1/2019 9:58:00 PM	Pyrene	n/a	<	1	µg/L	EPA 8270C	1	1	WKL	
MO-CAM	2018/19-3	Wet	1/5/2019 10:15:00 PM	1/30/2019 9:06:00 PM	PCB Aroclor 1016	n/a	<	1	µg/L	EPA 608	1	10	WKL	
MO-CAM	2018/19-3	Wet	1/5/2019 10:15:00 PM	1/30/2019 9:06:00 PM	PCB Aroclor 1221	n/a	<	1.2	µg/L	EPA 608	1.2	10	WKL	
MO-CAM	2018/19-3	Wet	1/5/2019 10:15:00 PM	1/30/2019 9:06:00 PM	PCB Aroclor 1232	n/a	<	3	µg/L	EPA 608	3	10	WKL	
MO-CAM	2018/19-3	Wet	1/5/2019 10:15:00 PM	1/30/2019 9:06:00 PM	PCB Aroclor 1242	n/a	<	1.4	µg/L	EPA 608	1.4	10	WKL	
MO-CAM	2018/19-3	Wet	1/5/2019 10:15:00 PM	1/30/2019 9:06:00 PM	PCB Aroclor 1248	n/a	<	1.2	µg/L	EPA 608	1.2	10	WKL	
MO-CAM	2018/19-3	Wet	1/5/2019 10:15:00 PM	1/30/2019 9:06:00 PM	PCB Aroclor 1254	n/a	<	0.8	µg/L	EPA 608	0.8	10	WKL	
MO-CAM	2018/19-3	Wet	1/5/2019 10:15:00 PM	1/30/2019 9:06:00 PM	PCB Aroclor 1260	n/a	<	0.8	µg/L	EPA 608	0.8	10	WKL	
MO-CAM	2018/19-3	Wet	1/5/2019 10:15:00 PM	1/16/2019 3:19:00 AM	2,4,5-T	n/a	<	0.07	µg/L	EPA 515.3	0.07	0.2	WKL	

Appendix G
Laboratory Environmental Analysis Results

Site ID	Event	Event Type	Sample Date	Analysis Date	Constituent	Fraction	Sign	Result	Units	Method	MDL	Reporting Limit	Analyzing Laboratory	Qualifier
MO-CAM	2018/19-3	Wet	1/5/2019 10:15:00 PM	1/16/2019 3:19:00 AM	2,4,5-TP	n/a	<	0.09	µg/L	EPA 515.3	0.09	0.2	WKL	
MO-CAM	2018/19-3	Wet	1/5/2019 10:15:00 PM	1/16/2019 3:19:00 AM	2,4-D	n/a	<	0.07	µg/L	EPA 515.3	0.07	0.4	WKL	
MO-CAM	2018/19-3	Wet	1/5/2019 10:15:00 PM	1/16/2019 3:19:00 AM	2,4-DB	n/a	<	0.07	µg/L	EPA 515.3	0.07	2	WKL	
MO-CAM	2018/19-3	Wet	1/5/2019 10:15:00 PM	1/16/2019 3:19:00 AM	3,5-Dichlorobenzoic acid	n/a	<	0.09	µg/L	EPA 515.3	0.09	1	WKL	
MO-CAM	2018/19-3	Wet	1/5/2019 10:15:00 PM	1/30/2019 9:06:00 PM	4,4'-DDD	n/a	<	0.06	µg/L	EPA 608	0.06	1	WKL	
MO-CAM	2018/19-3	Wet	1/5/2019 10:15:00 PM	1/30/2019 9:06:00 PM	4,4'-DDE	n/a	<	0.05	µg/L	EPA 608	0.05	1	WKL	
MO-CAM	2018/19-3	Wet	1/5/2019 10:15:00 PM	1/30/2019 9:06:00 PM	4,4'-DDT	n/a	<	0.062	µg/L	EPA 608	0.062	0.2	WKL	
MO-CAM	2018/19-3	Wet	1/5/2019 10:15:00 PM	1/16/2019 3:19:00 AM	Acifluorfen	n/a	<	0.06	µg/L	EPA 515.3	0.06	0.4	WKL	
MO-CAM	2018/19-3	Wet	1/5/2019 10:15:00 PM	2/1/2019 10:22:00 PM	Alachlor	n/a	<	0.11	µg/L	EPA 525.2	0.11	0.5	WKL	
MO-CAM	2018/19-3	Wet	1/5/2019 10:15:00 PM	1/30/2019 9:06:00 PM	Aldrin	n/a	<	0.03	µg/L	EPA 608	0.03	0.1	WKL	
MO-CAM	2018/19-3	Wet	1/5/2019 10:15:00 PM	1/30/2019 9:06:00 PM	alpha-BHC	n/a	<	0.036	µg/L	EPA 608	0.036	0.2	WKL	
MO-CAM	2018/19-3	Wet	1/5/2019 10:15:00 PM	1/30/2019 9:06:00 PM	alpha-Chlordane	n/a	<	0.082	µg/L	EPA 608	0.082	0.2	WKL	
MO-CAM	2018/19-3	Wet	1/5/2019 10:15:00 PM	2/1/2019 10:22:00 PM	Atrazine	n/a	<	0.17	µg/L	EPA 525.2	0.17	0.5	WKL	
MO-CAM	2018/19-3	Wet	1/5/2019 10:15:00 PM	1/26/2019 12:21:00 AM	Azinphos methyl	n/a	<	0.055	µg/L	EPA 525.2m	0.055	0.1	WKL	
MO-CAM	2018/19-3	Wet	1/5/2019 10:15:00 PM	1/16/2019 3:19:00 AM	Bentazon	n/a	<	0.11	µg/L	EPA 515.3	0.11	2	WKL	
MO-CAM	2018/19-3	Wet	1/5/2019 10:15:00 PM	1/30/2019 9:06:00 PM	beta-BHC	n/a	<	0.062	µg/L	EPA 608	0.062	0.1	WKL	
MO-CAM	2018/19-3	Wet	1/5/2019 10:15:00 PM	1/26/2019 12:21:00 AM	Bolstar	n/a	<	0.046	µg/L	EPA 525.2m	0.046	0.1	WKL	
MO-CAM	2018/19-3	Wet	1/5/2019 10:15:00 PM	2/1/2019 10:22:00 PM	Bromacil	n/a	<	0.19	µg/L	EPA 525.2	0.19	5	WKL	
MO-CAM	2018/19-3	Wet	1/5/2019 10:15:00 PM	2/1/2019 10:22:00 PM	Butachlor	n/a	<	0.085	µg/L	EPA 525.2	0.085	1	WKL	
MO-CAM	2018/19-3	Wet	1/5/2019 10:15:00 PM	2/1/2019 10:22:00 PM	Captan	n/a	<	4.3	µg/L	EPA 525.2	4.3	5	WKL	LB-LCSR
MO-CAM	2018/19-3	Wet	1/5/2019 10:15:00 PM	1/30/2019 9:06:00 PM	Chlordane (technical)	n/a	<	1.6	µg/L	EPA 608	1.6	2	WKL	
MO-CAM	2018/19-3	Wet	1/5/2019 10:15:00 PM	2/1/2019 10:22:00 PM	Chlorpropham	n/a	<	0.05	µg/L	EPA 525.2	0.05	0.5	WKL	
MO-CAM	2018/19-3	Wet	1/5/2019 10:15:00 PM	1/26/2019 12:21:00 AM	Chlorpyrifos	n/a	<	0.069	µg/L	EPA 525.2m	0.069	0.1	WKL	
MO-CAM	2018/19-3	Wet	1/5/2019 10:15:00 PM	1/26/2019 12:21:00 AM	Coumaphos	n/a	<	0.051	µg/L	EPA 525.2m	0.051	0.1	WKL	
MO-CAM	2018/19-3	Wet	1/5/2019 10:15:00 PM	2/1/2019 10:22:00 PM	Cyanazine	n/a	<	0.12	µg/L	EPA 525.2	0.12	0.5	WKL	
MO-CAM	2018/19-3	Wet	1/5/2019 10:15:00 PM	1/16/2019 3:19:00 AM	Dalapon	n/a	<	0.1	µg/L	EPA 515.3	0.1	0.4	WKL	
MO-CAM	2018/19-3	Wet	1/5/2019 10:15:00 PM	1/16/2019 3:19:00 AM	DCPA (Dacthal)	n/a	DNQ	0.071	µg/L	EPA 515.3	0.07	0.1	WKL	
MO-CAM	2018/19-3	Wet	1/5/2019 10:15:00 PM	1/30/2019 9:06:00 PM	delta-BHC	n/a	<	0.05	µg/L	EPA 608	0.05	0.1	WKL	
MO-CAM	2018/19-3	Wet	1/5/2019 10:15:00 PM	1/26/2019 12:21:00 AM	Demeton-O	n/a	<	0.1	µg/L	EPA 525.2m	0.1	0.1	WKL	
MO-CAM	2018/19-3	Wet	1/5/2019 10:15:00 PM	1/26/2019 12:21:00 AM	Demeton-S	n/a	<	0.1	µg/L	EPA 525.2m	0.1	0.1	WKL	
MO-CAM	2018/19-3	Wet	1/5/2019 10:15:00 PM	2/1/2019 10:22:00 PM	Diazinon	n/a	<	0.48	µg/L	EPA 525.2	0.48	0.5	WKL	
MO-CAM	2018/19-3	Wet	1/5/2019 10:15:00 PM	1/26/2019 12:21:00 AM	Diazinon	n/a	<	0.052	µg/L	EPA 525.2m	0.052	0.1	WKL	
MO-CAM	2018/19-3	Wet	1/5/2019 10:15:00 PM	1/16/2019 3:19:00 AM	Dicamba	n/a	<	0.12	µg/L	EPA 515.3	0.12	0.6	WKL	
MO-CAM	2018/19-3	Wet	1/5/2019 10:15:00 PM	1/16/2019 3:19:00 AM	Dichlorprop	n/a	<	0.08	µg/L	EPA 515.3	0.08	0.3	WKL	
MO-CAM	2018/19-3	Wet	1/5/2019 10:15:00 PM	1/26/2019 12:21:00 AM	Dichlorvos	n/a	<	0.029	µg/L	EPA 525.2m	0.029	0.1	WKL	
MO-CAM	2018/19-3	Wet	1/5/2019 10:15:00 PM	1/30/2019 9:06:00 PM	Dieldrin	n/a	<	0.042	µg/L	EPA 608	0.042	0.2	WKL	
MO-CAM	2018/19-3	Wet	1/5/2019 10:15:00 PM	2/1/2019 10:22:00 PM	Dimethoate	n/a	<	0.12	µg/L	EPA 525.2	0.12	1	WKL	
MO-CAM	2018/19-3	Wet	1/5/2019 10:15:00 PM	1/26/2019 12:21:00 AM	Dimethoate	n/a	<	0.062	µg/L	EPA 525.2m	0.062	0.1	WKL	
MO-CAM	2018/19-3	Wet	1/5/2019 10:15:00 PM	1/16/2019 3:19:00 AM	Dinoseb	n/a	<	0.14	µg/L	EPA 515.3	0.14	0.4	WKL	
MO-CAM	2018/19-3	Wet	1/5/2019 10:15:00 PM	2/1/2019 10:22:00 PM	Diphenamid	n/a	<	0.12	µg/L	EPA 525.2	0.12	0.5	WKL	
MO-CAM	2018/19-3	Wet	1/5/2019 10:15:00 PM	2/1/2019 10:22:00 PM	Disulfoton	n/a	<	0.16	µg/L	EPA 525.2	0.16	0.5	WKL	
MO-CAM	2018/19-3	Wet	1/5/2019 10:15:00 PM	1/26/2019 12:21:00 AM	Disulfoton	n/a	<	0.1	µg/L	EPA 525.2m	0.1	0.1	WKL	
MO-CAM	2018/19-3	Wet	1/5/2019 10:15:00 PM	1/30/2019 9:06:00 PM	Endosulfan I	n/a	<	0.034	µg/L	EPA 608	0.034	0.4	WKL	
MO-CAM	2018/19-3	Wet	1/5/2019 10:15:00 PM	1/30/2019 9:06:00 PM	Endosulfan II	n/a	<	0.038	µg/L	EPA 608	0.038	0.2	WKL	
MO-CAM	2018/19-3	Wet	1/5/2019 10:15:00 PM	1/30/2019 9:06:00 PM	Endosulfan sulfate	n/a	<	0.16	µg/L	EPA 608	0.16	1	WKL	
MO-CAM	2018/19-3	Wet	1/5/2019 10:15:00 PM	1/30/2019 9:06:00 PM	Endrin	n/a	<	0.056	µg/L	EPA 608	0.056	0.2	WKL	
MO-CAM	2018/19-3	Wet	1/5/2019 10:15:00 PM	1/30/2019 9:06:00 PM	Endrin aldehyde	n/a	<	0.06	µg/L	EPA 608	0.06	0.2	WKL	LB-LCSR
MO-CAM	2018/19-3	Wet	1/5/2019 10:15:00 PM	2/1/2019 10:22:00 PM	EPTC	n/a	<	0.085	µg/L	EPA 525.2	0.085	5	WKL	

Appendix G
Laboratory Environmental Analysis Results

Site ID	Event	Event Type	Sample Date	Analysis Date	Constituent	Fraction	Sign	Result	Units	Method	MDL	Reporting Limit	Analyzing Laboratory	Qualifier
MO-CAM	2018/19-3	Wet	1/5/2019 10:15:00 PM	1/26/2019 12:21:00 AM	Ethoprop	n/a	<	0.067	µg/L	EPA 525.2m	0.067	0.1	WKL	
MO-CAM	2018/19-3	Wet	1/5/2019 10:15:00 PM	1/26/2019 12:21:00 AM	Ethyl parathion	n/a	<	0.054	µg/L	EPA 525.2m	0.054	0.1	WKL	
MO-CAM	2018/19-3	Wet	1/5/2019 10:15:00 PM	1/26/2019 12:21:00 AM	Fensulfothion	n/a	<	0.029	µg/L	EPA 525.2m	0.029	0.1	WKL	
MO-CAM	2018/19-3	Wet	1/5/2019 10:15:00 PM	1/26/2019 12:21:00 AM	Fenthion	n/a	<	0.038	µg/L	EPA 525.2m	0.038	0.1	WKL	
MO-CAM	2018/19-3	Wet	1/5/2019 10:15:00 PM	1/30/2019 9:06:00 PM	gamma-BHC (Lindane)	n/a	<	0.042	µg/L	EPA 608	0.042	0.4	WKL	
MO-CAM	2018/19-3	Wet	1/5/2019 10:15:00 PM	1/30/2019 9:06:00 PM	gamma-Chlordane	n/a	<	0.088	µg/L	EPA 608	0.088	0.2	WKL	
MO-CAM	2018/19-3	Wet	1/5/2019 10:15:00 PM	1/10/2019 3:20:00 AM	Glyphosate	n/a	=	7.3	µg/L	EPA 547	1.8	5	WKL	
MO-CAM	2018/19-3	Wet	1/5/2019 10:15:00 PM	1/30/2019 9:06:00 PM	Heptachlor	n/a	<	0.034	µg/L	EPA 608	0.034	0.2	WKL	
MO-CAM	2018/19-3	Wet	1/5/2019 10:15:00 PM	1/30/2019 9:06:00 PM	Heptachlor epoxide	n/a	<	0.038	µg/L	EPA 608	0.038	0.2	WKL	
MO-CAM	2018/19-3	Wet	1/5/2019 10:15:00 PM	1/26/2019 12:21:00 AM	Malathion	n/a	<	0.076	µg/L	EPA 525.2m	0.076	0.1	WKL	
MO-CAM	2018/19-3	Wet	1/5/2019 10:15:00 PM	1/26/2019 12:21:00 AM	Merphos	n/a	<	0.058	µg/L	EPA 525.2m	0.058	0.1	WKL	
MO-CAM	2018/19-3	Wet	1/5/2019 10:15:00 PM	1/30/2019 9:06:00 PM	Methoxychlor	n/a	<	0.11	µg/L	EPA 608	0.11	0.4	WKL	
MO-CAM	2018/19-3	Wet	1/5/2019 10:15:00 PM	1/26/2019 12:21:00 AM	Methyl parathion	n/a	<	0.063	µg/L	EPA 525.2m	0.063	0.1	WKL	
MO-CAM	2018/19-3	Wet	1/5/2019 10:15:00 PM	2/1/2019 10:22:00 PM	Metolachlor	n/a	<	0.06	µg/L	EPA 525.2	0.06	0.5	WKL	
MO-CAM	2018/19-3	Wet	1/5/2019 10:15:00 PM	2/1/2019 10:22:00 PM	Metribuzin	n/a	DNQ	0.21	µg/L	EPA 525.2	0.075	0.5	WKL	
MO-CAM	2018/19-3	Wet	1/5/2019 10:15:00 PM	1/26/2019 12:21:00 AM	Mevinphos	n/a	<	0.042	µg/L	EPA 525.2m	0.042	0.1	WKL	
MO-CAM	2018/19-3	Wet	1/5/2019 10:15:00 PM	2/1/2019 10:22:00 PM	Molinate	n/a	<	0.2	µg/L	EPA 525.2	0.2	0.5	WKL	
MO-CAM	2018/19-3	Wet	1/5/2019 10:15:00 PM	1/26/2019 12:21:00 AM	Naled	n/a	<	0.076	µg/L	EPA 525.2m	0.076	0.1	WKL	
MO-CAM	2018/19-3	Wet	1/5/2019 10:15:00 PM	2/5/2019 10:23:00 PM	Pentachlorophenol	n/a	<	1.5	µg/L	EPA 8270C	1.5	10	WKL	
MO-CAM	2018/19-3	Wet	1/5/2019 10:15:00 PM	1/30/2019 2:14:00 AM	Pentachlorophenol	n/a	<	1.9	µg/L	EPA 625	1.9	10	WKL	
MO-CAM	2018/19-3	Wet	1/5/2019 10:15:00 PM	1/16/2019 3:19:00 AM	Pentachlorophenol	n/a	DNQ	0.047	µg/L	EPA 515.3	0.04	0.2	WKL	
MO-CAM	2018/19-3	Wet	1/5/2019 10:15:00 PM	1/26/2019 12:21:00 AM	Phorate	n/a	<	0.03	µg/L	EPA 525.2m	0.03	0.1	WKL	
MO-CAM	2018/19-3	Wet	1/5/2019 10:15:00 PM	1/16/2019 3:19:00 AM	Picloram	n/a	<	0.05	µg/L	EPA 515.3	0.05	0.6	WKL	
MO-CAM	2018/19-3	Wet	1/5/2019 10:15:00 PM	2/1/2019 10:22:00 PM	Prometon	n/a	<	0.12	µg/L	EPA 525.2	0.12	1	WKL	
MO-CAM	2018/19-3	Wet	1/5/2019 10:15:00 PM	2/1/2019 10:22:00 PM	Prometryn	n/a	<	0.18	µg/L	EPA 525.2	0.18	0.5	WKL	
MO-CAM	2018/19-3	Wet	1/5/2019 10:15:00 PM	1/26/2019 12:21:00 AM	Ronnel (Fenchlorphos)	n/a	<	0.041	µg/L	EPA 525.2m	0.041	0.1	WKL	
MO-CAM	2018/19-3	Wet	1/5/2019 10:15:00 PM	2/1/2019 10:22:00 PM	Simazine	n/a	<	0.075	µg/L	EPA 525.2	0.075	0.5	WKL	
MO-CAM	2018/19-3	Wet	1/5/2019 10:15:00 PM	1/26/2019 12:21:00 AM	Stirophos (Tetrachlorvinphos)	n/a	<	0.031	µg/L	EPA 525.2m	0.031	0.1	WKL	
MO-CAM	2018/19-3	Wet	1/5/2019 10:15:00 PM	2/1/2019 10:22:00 PM	Terbacil	n/a	<	2.8	µg/L	EPA 525.2	2.8	10	WKL	
MO-CAM	2018/19-3	Wet	1/5/2019 10:15:00 PM	2/1/2019 10:22:00 PM	Thiobencarb	n/a	<	0.12	µg/L	EPA 525.2	0.12	1	WKL	
MO-CAM	2018/19-3	Wet	1/5/2019 10:15:00 PM	1/26/2019 12:21:00 AM	Tokuthion	n/a	<	0.078	µg/L	EPA 525.2m	0.078	0.1	WKL	
MO-CAM	2018/19-3	Wet	1/5/2019 10:15:00 PM	1/30/2019 9:06:00 PM	Toxaphene	n/a	<	2.4	µg/L	EPA 608	2.4	10	WKL	
MO-CAM	2018/19-3	Wet	1/5/2019 10:15:00 PM	1/26/2019 12:21:00 AM	Trichloronate	n/a	<	0.067	µg/L	EPA 525.2m	0.067	0.1	WKL	
MO-CAM	2018/19-3	Wet	1/5/2019 10:15:00 PM	2/1/2019 10:22:00 PM	Trithion	n/a	<	0.06	µg/L	EPA 525.2	0.06	0.5	WKL	
MO-CAM	2018/19-5	Dry	5/14/2019 12:10:00 PM	5/17/2019 12:00:00 PM	Chloride	n/a	=	180	mg/L	EPA 300.0	0.2	1	WKL	
MO-CAM	2018/19-5	Dry	5/14/2019 12:10:00 PM	5/17/2019 12:00:00 PM	Fluoride	n/a	=	0.64	mg/L	EPA 300.0	0.04	0.2	WKL	
MO-CAM	2018/19-5	Dry	5/14/2019 12:10:00 PM	5/18/2019 8:02:00 AM	Perchlorate	n/a	<	1.9	µg/L	EPA 314.0	1.9	4	WKL	
MO-CAM	2018/19-5	Dry	5/14/2019 12:10:00 PM	5/17/2019 12:00:00 PM	Sulfate	Total	=	300	mg/L	EPA 300.0	0.2	1	WKL	
MO-CAM	2018/19-5	Dry	5/14/2019 12:10:00 PM	5/15/2019 8:00:00 AM	E. Coli	n/a	=	106	MPN/100 mL	MMO-MUG	10	10	VCHCA	
MO-CAM	2018/19-5	Dry	5/14/2019 12:10:00 PM	5/15/2019 8:00:00 AM	Total Coliform	n/a	=	193500	MPN/100 mL	MMO-MUG	1000	1000	VCHCA	
MO-CAM	2018/19-5	Dry	5/14/2019 12:10:00 PM	5/22/2019 5:46:00 PM	Calcium	Total	=	102	mg/L	EPA 200.7	0.016	0.1	WKL	
MO-CAM	2018/19-5	Dry	5/14/2019 12:10:00 PM	5/22/2019 5:46:00 PM	Magnesium	Total	=	27.9	mg/L	EPA 200.7	0.012	0.1	WKL	
MO-CAM	2018/19-5	Dry	5/14/2019 12:10:00 PM	5/22/2019 5:46:00 PM	Potassium	Total	=	15	mg/L	EPA 200.7	0.081	0.1	WKL	
MO-CAM	2018/19-5	Dry	5/14/2019 12:10:00 PM	5/22/2019 5:46:00 PM	Sodium	Total	=	170	mg/L	EPA 200.7	0.015	0.5	WKL	
MO-CAM	2018/19-5	Dry	5/14/2019 12:10:00 PM	5/17/2019 2:10:00 PM	Alkalinity as CaCO3	n/a	=	180	mg/L	SM 2320 B	0.56	2	WKL	
MO-CAM	2018/19-5	Dry	5/14/2019 12:10:00 PM	5/20/2019 6:48:00 PM	BOD	n/a	=	6.8	mg/L	SM 5210 B	2	2	WKL	
MO-CAM	2018/19-5	Dry	5/14/2019 12:10:00 PM	5/17/2019 3:11:00 PM	COD	n/a	=	47	mg/L	EPA 410.4	0.73	5	WKL	
MO-CAM	2018/19-5	Dry	5/14/2019 12:10:00 PM	5/14/2019 12:10:00 PM	Conductivity	n/a	=	1198	µmhos/cm	Field Meter	-88	1	Field Crew	

Appendix G
Laboratory Environmental Analysis Results

Site ID	Event	Event Type	Sample Date	Analysis Date	Constituent	Fraction	Sign	Result	Units	Method	MDL	Reporting Limit	Analyzing Laboratory	Qualifier
MO-CAM	2018/19-5	Dry	5/14/2019 12:10:00 PM	5/23/2019 5:06:00 PM	Cyanide	Total	<	0.0005	mg/L	ASTM D7511	0.0005	0.002	WKL	
MO-CAM	2018/19-5	Dry	5/14/2019 12:10:00 PM	5/17/2019 2:14:00 PM	Dissolved Inorganic Carbon	Dissolved	=	40	mg/L	SM 5310 B	0.016	0.1	WKL	
MO-CAM	2018/19-5	Dry	5/14/2019 12:10:00 PM	5/22/2019 2:50:00 PM	Dissolved Organic Carbon	Dissolved	=	13	mg/L	SM 5310 B	0.013	0.3	WKL	
MO-CAM	2018/19-5	Dry	5/14/2019 12:10:00 PM	5/14/2019 12:10:00 PM	DO	n/a	=	171.6	%	Field Meter	-88	0.1	Field Crew	
MO-CAM	2018/19-5	Dry	5/14/2019 12:10:00 PM	5/14/2019 12:10:00 PM	DO	n/a	=	14.62	mg/L	Field Meter	-88	0.3	Field Crew	
MO-CAM	2018/19-5	Dry	5/14/2019 12:10:00 PM	5/22/2019 5:46:00 PM	Hardness as CaCO3	Total	=	369	mg/L	EPA 200.7	0.0894	0.662	WKL	
MO-CAM	2018/19-5	Dry	5/14/2019 12:10:00 PM	5/15/2019 7:15:00 PM	MBAS	n/a	=	0.15	mg/L	SM 5540 C	0.019	0.05	WKL	
MO-CAM	2018/19-5	Dry	5/14/2019 12:10:00 PM	5/14/2019 12:10:00 PM	pH	n/a	=	10	pH Units	Field Meter	-88	0.01	Field Crew	
MO-CAM	2018/19-5	Dry	5/14/2019 12:10:00 PM	5/21/2019 6:19:00 PM	Phenolics	n/a	=	0.01	mg/L	EPA 420.4	0.0042	0.01	WKL	
MO-CAM	2018/19-5	Dry	5/14/2019 12:10:00 PM	5/14/2019 12:10:00 PM	Salinity	n/a	=	600	mg/L	Field Meter	-88	100	Field Crew	
MO-CAM	2018/19-5	Dry	5/14/2019 12:10:00 PM	5/14/2019 12:10:00 PM	Specific Conductance	n/a	=	1238	µmhos/cm	Field Meter	-88	1	Field Crew	
MO-CAM	2018/19-5	Dry	5/14/2019 12:10:00 PM	5/16/2019 12:59:00 PM	Specific Conductance	n/a	=	1600	µmhos/cm	SM 2510 B	0.7	6	WKL	
MO-CAM	2018/19-5	Dry	5/14/2019 12:10:00 PM	5/14/2019 12:10:00 PM	Temperature	n/a	=	23.3	°C	Field Meter	-88	0.1	Field Crew	
MO-CAM	2018/19-5	Dry	5/14/2019 12:10:00 PM	5/15/2019 6:39:00 PM	Total Dissolved Solids	n/a	=	910	mg/L	SM 2540 C	4	10	WKL	
MO-CAM	2018/19-5	Dry	5/14/2019 12:10:00 PM	5/20/2019 3:38:00 PM	Total Organic Carbon	n/a	=	13	mg/L	SM 5310 B	0.009	0.3	WKL	
MO-CAM	2018/19-5	Dry	5/14/2019 12:10:00 PM	5/17/2019 9:28:00 AM	Total Suspended Solids	n/a	DNQ	3	mg/L	SM 2540 D	-88	5	WKL	UL-MB
MO-CAM	2018/19-5	Dry	5/14/2019 12:10:00 PM	5/14/2019 5:46:00 PM	Turbidity	n/a	=	3	NTU	EPA 180.1	0.024	0.1	WKL	
MO-CAM	2018/19-5	Dry	5/14/2019 12:10:00 PM	5/17/2019 9:28:00 AM	Volatile Suspended Solids	n/a	<	3.1	mg/L	EPA 160.4	3.1	5	WKL	
MO-CAM	2018/19-5	Dry	5/14/2019 12:10:00 PM	5/25/2019 5:55:00 AM	Diesel Range Organics	n/a	=	0.23	mg/L	EPA 8015D	0.024	0.1	WKL	UL-MB
MO-CAM	2018/19-5	Dry	5/14/2019 12:10:00 PM	5/24/2019 11:42:00 PM	Gasoline Range Organics	n/a	<	0.012	mg/L	LUFT GC/MS	0.012	0.1	WKL	
MO-CAM	2018/19-5	Dry	5/14/2019 12:10:00 PM	5/21/2019 9:05:00 AM	Oil and Grease	n/a	<	1.3	mg/L	EPA 1664A	1.3	5	WKL	
MO-CAM	2018/19-5	Dry	5/14/2019 12:10:00 PM	5/25/2019 5:55:00 AM	Oil Range Organics	n/a	<	0.33	mg/L	EPA 8015D	0.33	0.5	WKL	
MO-CAM	2018/19-5	Dry	5/14/2019 12:10:00 PM	5/23/2019 3:26:00 PM	Aluminum	Dissolved	=	6	µg/L	EPA 200.8	1.3	5	WKL	UL-MB
MO-CAM	2018/19-5	Dry	5/14/2019 12:10:00 PM	5/23/2019 2:13:00 PM	Aluminum	Total	=	23	µg/L	EPA 200.8	1.3	5	WKL	
MO-CAM	2018/19-5	Dry	5/14/2019 12:10:00 PM	5/23/2019 3:26:00 PM	Antimony	Dissolved	=	0.67	µg/L	EPA 200.8	0.045	0.5	WKL	
MO-CAM	2018/19-5	Dry	5/14/2019 12:10:00 PM	5/23/2019 2:13:00 PM	Antimony	Total	=	0.7	µg/L	EPA 200.8	0.045	0.5	WKL	
MO-CAM	2018/19-5	Dry	5/14/2019 12:10:00 PM	5/23/2019 3:26:00 PM	Arsenic	Dissolved	=	2	µg/L	EPA 200.8	0.074	0.4	WKL	
MO-CAM	2018/19-5	Dry	5/14/2019 12:10:00 PM	5/23/2019 2:13:00 PM	Arsenic	Total	=	2.1	µg/L	EPA 200.8	0.074	0.4	WKL	
MO-CAM	2018/19-5	Dry	5/14/2019 12:10:00 PM	5/23/2019 2:13:00 PM	Barium	Total	=	58	µg/L	EPA 200.8	0.071	0.5	WKL	
MO-CAM	2018/19-5	Dry	5/14/2019 12:10:00 PM	5/23/2019 3:26:00 PM	Beryllium	Dissolved	<	0.033	µg/L	EPA 200.8	0.033	0.1	WKL	
MO-CAM	2018/19-5	Dry	5/14/2019 12:10:00 PM	5/23/2019 2:13:00 PM	Beryllium	Total	<	0.033	µg/L	EPA 200.8	0.033	0.1	WKL	
MO-CAM	2018/19-5	Dry	5/14/2019 12:10:00 PM	5/23/2019 3:26:00 PM	Cadmium	Dissolved	DNQ	0.076	µg/L	EPA 200.8	0.041	0.1	WKL	
MO-CAM	2018/19-5	Dry	5/14/2019 12:10:00 PM	5/23/2019 2:13:00 PM	Cadmium	Total	DNQ	0.089	µg/L	EPA 200.8	0.041	0.1	WKL	
MO-CAM	2018/19-5	Dry	5/14/2019 12:10:00 PM	5/23/2019 3:26:00 PM	Chromium	Dissolved	=	0.26	µg/L	EPA 200.8	0.035	0.2	WKL	
MO-CAM	2018/19-5	Dry	5/14/2019 12:10:00 PM	5/23/2019 2:13:00 PM	Chromium	Total	=	0.3	µg/L	EPA 200.8	0.035	0.2	WKL	
MO-CAM	2018/19-5	Dry	5/14/2019 12:10:00 PM	5/15/2019 2:34:00 PM	Chromium VI	n/a	=	0.1	µg/L	EPA 218.6	0.0048	0.02	WKL	
MO-CAM	2018/19-5	Dry	5/14/2019 12:10:00 PM	5/23/2019 3:26:00 PM	Copper	Dissolved	=	7.7	µg/L	EPA 200.8	0.13	0.5	WKL	
MO-CAM	2018/19-5	Dry	5/14/2019 12:10:00 PM	5/23/2019 2:13:00 PM	Copper	Total	=	8.8	µg/L	EPA 200.8	0.13	0.5	WKL	
MO-CAM	2018/19-5	Dry	5/14/2019 12:10:00 PM	5/22/2019 5:32:00 PM	Iron	Dissolved	=	27	µg/L	EPA 200.7	1.1	10	WKL	
MO-CAM	2018/19-5	Dry	5/14/2019 12:10:00 PM	5/22/2019 5:46:00 PM	Iron	Total	=	82	µg/L	EPA 200.7	1.1	10	WKL	
MO-CAM	2018/19-5	Dry	5/14/2019 12:10:00 PM	5/23/2019 3:26:00 PM	Lead	Dissolved	DNQ	0.091	µg/L	EPA 200.8	0.031	0.2	WKL	
MO-CAM	2018/19-5	Dry	5/14/2019 12:10:00 PM	5/23/2019 2:13:00 PM	Lead	Total	DNQ	0.17	µg/L	EPA 200.8	0.031	0.2	WKL	
MO-CAM	2018/19-5	Dry	5/14/2019 12:10:00 PM	5/18/2019 1:28:00 PM	Mercury	Dissolved	<	17	ng/L	EPA 245.1	17	50	WKL	
MO-CAM	2018/19-5	Dry	5/14/2019 12:10:00 PM	5/18/2019 1:30:00 PM	Mercury	Total	<	17	ng/L	EPA 245.1	17	50	WKL	
MO-CAM	2018/19-5	Dry	5/14/2019 12:10:00 PM	5/23/2019 3:26:00 PM	Nickel	Dissolved	=	2	µg/L	EPA 200.8	0.045	0.8	WKL	
MO-CAM	2018/19-5	Dry	5/14/2019 12:10:00 PM	5/23/2019 2:13:00 PM	Nickel	Total	=	2.3	µg/L	EPA 200.8	0.045	0.8	WKL	
MO-CAM	2018/19-5	Dry	5/14/2019 12:10:00 PM	5/23/2019 3:26:00 PM	Selenium	Dissolved	=	0.66	µg/L	EPA 200.8	0.14	0.4	WKL	
MO-CAM	2018/19-5	Dry	5/14/2019 12:10:00 PM	5/23/2019 2:13:00 PM	Selenium	Total	=	0.73	µg/L	EPA 200.8	0.14	0.4	WKL	

Appendix G
Laboratory Environmental Analysis Results

Site ID	Event	Event Type	Sample Date	Analysis Date	Constituent	Fraction	Sign	Result	Units	Method	MDL	Reporting Limit	Analyzing Laboratory	Qualifier
MO-CAM	2018/19-5	Dry	5/14/2019 12:10:00 PM	5/23/2019 3:26:00 PM	Silver	Dissolved	<	0.062	µg/L	EPA 200.8	0.062	0.2	WKL	
MO-CAM	2018/19-5	Dry	5/14/2019 12:10:00 PM	5/23/2019 2:13:00 PM	Silver	Total	<	0.062	µg/L	EPA 200.8	0.062	0.2	WKL	
MO-CAM	2018/19-5	Dry	5/14/2019 12:10:00 PM	5/23/2019 3:26:00 PM	Thallium	Dissolved	<	0.014	µg/L	EPA 200.8	0.014	0.2	WKL	
MO-CAM	2018/19-5	Dry	5/14/2019 12:10:00 PM	5/23/2019 2:13:00 PM	Thallium	Total	<	0.014	µg/L	EPA 200.8	0.014	0.2	WKL	
MO-CAM	2018/19-5	Dry	5/14/2019 12:10:00 PM	5/23/2019 3:26:00 PM	Zinc	Dissolved	=	5.4	µg/L	EPA 200.8	0.94	5	WKL	
MO-CAM	2018/19-5	Dry	5/14/2019 12:10:00 PM	5/23/2019 2:13:00 PM	Zinc	Total	=	7.2	µg/L	EPA 200.8	0.94	5	WKL	
MO-CAM	2018/19-5	Dry	5/14/2019 12:10:00 PM	5/16/2019 6:31:00 PM	Ammonia as N	n/a	<	0.048	mg/L	EPA 350.1	0.048	0.1	WKL	
MO-CAM	2018/19-5	Dry	5/14/2019 12:10:00 PM	5/28/2019 4:38:00 PM	Nitrate + Nitrite as N	n/a	DNQ	0.1	mg/L	EPA 353.2	0.083	0.2	WKL	
MO-CAM	2018/19-5	Dry	5/14/2019 12:10:00 PM	5/22/2019 5:32:00 PM	Phosphorus as P	Dissolved	=	0.4	mg/L	EPA 200.7	0.012	0.02	WKL	
MO-CAM	2018/19-5	Dry	5/14/2019 12:10:00 PM	5/22/2019 5:46:00 PM	Phosphorus as P	Total	=	0.46	mg/L	EPA 200.7	0.012	0.02	WKL	
MO-CAM	2018/19-5	Dry	5/14/2019 12:10:00 PM	5/21/2019 1:34:00 PM	TKN	n/a	=	1.6	mg/L	EPA 351.2	0.05	0.1	WKL	
MO-CAM	2018/19-5	Dry	5/14/2019 12:10:00 PM	5/24/2019 9:13:00 PM	1,2,4-Trichlorobenzene	n/a	<	2.8	µg/L	EPA 625	2.8	5	WKL	
MO-CAM	2018/19-5	Dry	5/14/2019 12:10:00 PM	5/24/2019 9:13:00 PM	1,2-Dichlorobenzene	n/a	<	2.8	µg/L	EPA 625	2.8	5	WKL	
MO-CAM	2018/19-5	Dry	5/14/2019 12:10:00 PM	5/24/2019 9:13:00 PM	1,2-Diphenylhydrazine	n/a	<	1.2	µg/L	EPA 625	1.2	5	WKL	
MO-CAM	2018/19-5	Dry	5/14/2019 12:10:00 PM	5/24/2019 9:13:00 PM	1,3-Dichlorobenzene	n/a	<	2.6	µg/L	EPA 625	2.6	5	WKL	
MO-CAM	2018/19-5	Dry	5/14/2019 12:10:00 PM	5/24/2019 9:13:00 PM	1,4-Dichlorobenzene	n/a	<	2.8	µg/L	EPA 625	2.8	5	WKL	
MO-CAM	2018/19-5	Dry	5/14/2019 12:10:00 PM	6/8/2019 6:49:00 AM	1-Methylnaphthalene	n/a	<	0.5	µg/L	EPA 8270C	0.5	0.5	WKL	
MO-CAM	2018/19-5	Dry	5/14/2019 12:10:00 PM	5/22/2019 3:32:00 AM	2,4,5-Trichlorophenol	n/a	<	1.4	µg/L	EPA 8270C	1.4	5	WKL	
MO-CAM	2018/19-5	Dry	5/14/2019 12:10:00 PM	5/22/2019 3:32:00 AM	2,4,6-Trichlorophenol	n/a	<	1.5	µg/L	EPA 8270C	1.5	5	WKL	
MO-CAM	2018/19-5	Dry	5/14/2019 12:10:00 PM	5/24/2019 9:13:00 PM	2,4,6-Trichlorophenol	n/a	<	1.1	µg/L	EPA 625	1.1	5	WKL	
MO-CAM	2018/19-5	Dry	5/14/2019 12:10:00 PM	5/22/2019 3:32:00 AM	2,4-Dichlorophenol	n/a	<	2.6	µg/L	EPA 8270C	2.6	5	WKL	
MO-CAM	2018/19-5	Dry	5/14/2019 12:10:00 PM	5/24/2019 9:13:00 PM	2,4-Dichlorophenol	n/a	<	1.3	µg/L	EPA 625	1.3	5	WKL	
MO-CAM	2018/19-5	Dry	5/14/2019 12:10:00 PM	5/24/2019 9:13:00 PM	2,4-Dimethylphenol	n/a	<	1.5	µg/L	EPA 625	1.5	5	WKL	
MO-CAM	2018/19-5	Dry	5/14/2019 12:10:00 PM	5/22/2019 3:32:00 AM	2,4-Dimethylphenol	n/a	<	5	µg/L	EPA 8270C	5	10	WKL	
MO-CAM	2018/19-5	Dry	5/14/2019 12:10:00 PM	5/24/2019 9:13:00 PM	2,4-Dinitrophenol	n/a	<	7.9	µg/L	EPA 625	7.9	50	WKL	
MO-CAM	2018/19-5	Dry	5/14/2019 12:10:00 PM	5/22/2019 3:32:00 AM	2,4-Dinitrophenol	n/a	<	5	µg/L	EPA 8270C	5	10	WKL	
MO-CAM	2018/19-5	Dry	5/14/2019 12:10:00 PM	5/24/2019 9:13:00 PM	2,4-Dinitrotoluene	n/a	<	0.9	µg/L	EPA 625	0.9	5	WKL	
MO-CAM	2018/19-5	Dry	5/14/2019 12:10:00 PM	5/24/2019 9:13:00 PM	2,6-Dinitrotoluene	n/a	<	1.4	µg/L	EPA 625	1.4	5	WKL	
MO-CAM	2018/19-5	Dry	5/14/2019 12:10:00 PM	5/17/2019 6:46:00 AM	2-Chloroethyl vinyl ether	n/a	<	0.28	µg/L	EPA 624	0.28	1	WKL	
MO-CAM	2018/19-5	Dry	5/14/2019 12:10:00 PM	5/24/2019 9:13:00 PM	2-Chloronaphthalene	n/a	<	2.2	µg/L	EPA 625	2.2	5	WKL	
MO-CAM	2018/19-5	Dry	5/14/2019 12:10:00 PM	5/24/2019 9:13:00 PM	2-Chlorophenol	n/a	<	1.4	µg/L	EPA 625	1.4	5	WKL	
MO-CAM	2018/19-5	Dry	5/14/2019 12:10:00 PM	5/22/2019 3:32:00 AM	2-Chlorophenol	n/a	<	3.2	µg/L	EPA 8270C	3.2	5	WKL	
MO-CAM	2018/19-5	Dry	5/14/2019 12:10:00 PM	6/8/2019 6:49:00 AM	2-Methylnaphthalene	n/a	<	0.5	µg/L	EPA 8270C	0.5	0.5	WKL	
MO-CAM	2018/19-5	Dry	5/14/2019 12:10:00 PM	5/22/2019 3:32:00 AM	2-Methylphenol	n/a	<	1.7	µg/L	EPA 8270C	1.7	5	WKL	
MO-CAM	2018/19-5	Dry	5/14/2019 12:10:00 PM	5/22/2019 3:32:00 AM	2-Nitrophenol	n/a	<	3.6	µg/L	EPA 8270C	3.6	5	WKL	
MO-CAM	2018/19-5	Dry	5/14/2019 12:10:00 PM	5/24/2019 9:13:00 PM	2-Nitrophenol	n/a	<	1.3	µg/L	EPA 625	1.3	5	WKL	
MO-CAM	2018/19-5	Dry	5/14/2019 12:10:00 PM	5/24/2019 9:13:00 PM	3,3'-Dichlorobenzidine	n/a	<	6	µg/L	EPA 625	6	25	WKL	
MO-CAM	2018/19-5	Dry	5/14/2019 12:10:00 PM	5/22/2019 3:32:00 AM	3-/4-Methylphenol	n/a	<	1.5	µg/L	EPA 8270C	1.5	5	WKL	
MO-CAM	2018/19-5	Dry	5/14/2019 12:10:00 PM	5/24/2019 9:13:00 PM	4,6-Dinitro-2-methylphenol	n/a	<	8.6	µg/L	EPA 625	8.6	25	WKL	
MO-CAM	2018/19-5	Dry	5/14/2019 12:10:00 PM	5/22/2019 3:32:00 AM	4,6-Dinitro-2-methylphenol	n/a	<	0.7	µg/L	EPA 8270C	0.7	5	WKL	
MO-CAM	2018/19-5	Dry	5/14/2019 12:10:00 PM	5/24/2019 9:13:00 PM	4-Bromophenyl phenyl ether	n/a	<	1.8	µg/L	EPA 625	1.8	5	WKL	
MO-CAM	2018/19-5	Dry	5/14/2019 12:10:00 PM	5/24/2019 9:13:00 PM	4-Chloro-3-methylphenol	n/a	<	1.2	µg/L	EPA 625	1.2	5	WKL	
MO-CAM	2018/19-5	Dry	5/14/2019 12:10:00 PM	5/22/2019 3:32:00 AM	4-Chloro-3-methylphenol	n/a	<	1.8	µg/L	EPA 8270C	1.8	5	WKL	
MO-CAM	2018/19-5	Dry	5/14/2019 12:10:00 PM	5/24/2019 9:13:00 PM	4-Chlorophenyl phenyl ether	n/a	<	2	µg/L	EPA 625	2	5	WKL	
MO-CAM	2018/19-5	Dry	5/14/2019 12:10:00 PM	5/24/2019 9:13:00 PM	4-Nitrophenol	n/a	<	2.2	µg/L	EPA 625	2.2	25	WKL	
MO-CAM	2018/19-5	Dry	5/14/2019 12:10:00 PM	5/22/2019 3:32:00 AM	4-Nitrophenol	n/a	<	5	µg/L	EPA 8270C	5	10	WKL	
MO-CAM	2018/19-5	Dry	5/14/2019 12:10:00 PM	5/24/2019 9:13:00 PM	Acenaphthene	n/a	<	1.9	µg/L	EPA 625	1.9	5	WKL	
MO-CAM	2018/19-5	Dry	5/14/2019 12:10:00 PM	6/8/2019 6:49:00 AM	Acenaphthene	n/a	<	0.5	µg/L	EPA 8270C	0.5	0.5	WKL	

Appendix G
Laboratory Environmental Analysis Results

Site ID	Event	Event Type	Sample Date	Analysis Date	Constituent	Fraction	Sign	Result	Units	Method	MDL	Reporting Limit	Analyzing Laboratory	Qualifier
MO-CAM	2018/19-5	Dry	5/14/2019 12:10:00 PM	5/24/2019 9:13:00 PM	Acenaphthylene	n/a	<	2	µg/L	EPA 625	2	5	WKL	
MO-CAM	2018/19-5	Dry	5/14/2019 12:10:00 PM	6/8/2019 6:49:00 AM	Acenaphthylene	n/a	<	0.5	µg/L	EPA 8270C	0.5	0.5	WKL	
MO-CAM	2018/19-5	Dry	5/14/2019 12:10:00 PM	6/8/2019 6:49:00 AM	Anthracene	n/a	<	0.5	µg/L	EPA 8270C	0.5	0.5	WKL	
MO-CAM	2018/19-5	Dry	5/14/2019 12:10:00 PM	5/24/2019 9:13:00 PM	Anthracene	n/a	<	1.7	µg/L	EPA 625	1.7	5	WKL	
MO-CAM	2018/19-5	Dry	5/14/2019 12:10:00 PM	5/24/2019 9:13:00 PM	Benz(a)anthracene	n/a	<	0.95	µg/L	EPA 625	0.95	5	WKL	
MO-CAM	2018/19-5	Dry	5/14/2019 12:10:00 PM	6/8/2019 6:49:00 AM	Benz(a)anthracene	n/a	<	0.5	µg/L	EPA 8270C	0.5	0.5	WKL	
MO-CAM	2018/19-5	Dry	5/14/2019 12:10:00 PM	5/24/2019 9:13:00 PM	Benzidine	n/a	<	18	µg/L	EPA 625	18	50	WKL	
MO-CAM	2018/19-5	Dry	5/14/2019 12:10:00 PM	5/24/2019 9:13:00 PM	Benzo(a)pyrene	n/a	<	0.65	µg/L	EPA 625	0.65	5	WKL	
MO-CAM	2018/19-5	Dry	5/14/2019 12:10:00 PM	5/17/2019 2:08:00 AM	Benzo(a)pyrene	n/a	<	0.07	µg/L	EPA 525.2	0.07	0.1	WKL	
MO-CAM	2018/19-5	Dry	5/14/2019 12:10:00 PM	6/8/2019 6:49:00 AM	Benzo(a)pyrene	n/a	<	0.5	µg/L	EPA 8270C	0.5	0.5	WKL	
MO-CAM	2018/19-5	Dry	5/14/2019 12:10:00 PM	6/8/2019 6:49:00 AM	Benzo(b)fluoranthene	n/a	<	0.5	µg/L	EPA 8270C	0.5	0.5	WKL	
MO-CAM	2018/19-5	Dry	5/14/2019 12:10:00 PM	5/24/2019 9:13:00 PM	Benzo(b)fluoranthene	n/a	<	0.7	µg/L	EPA 625	0.7	5	WKL	
MO-CAM	2018/19-5	Dry	5/14/2019 12:10:00 PM	5/24/2019 9:13:00 PM	Benzo(g,h,i)perylene	n/a	<	0.5	µg/L	EPA 625	0.5	10	WKL	
MO-CAM	2018/19-5	Dry	5/14/2019 12:10:00 PM	6/8/2019 6:49:00 AM	Benzo(g,h,i)perylene	n/a	<	0.5	µg/L	EPA 8270C	0.5	0.5	WKL	
MO-CAM	2018/19-5	Dry	5/14/2019 12:10:00 PM	5/24/2019 9:13:00 PM	Benzo(k)fluoranthene	n/a	<	1.1	µg/L	EPA 625	1.1	5	WKL	
MO-CAM	2018/19-5	Dry	5/14/2019 12:10:00 PM	6/8/2019 6:49:00 AM	Benzo(k)fluoranthene	n/a	<	0.5	µg/L	EPA 8270C	0.5	0.5	WKL	
MO-CAM	2018/19-5	Dry	5/14/2019 12:10:00 PM	5/24/2019 9:13:00 PM	Bis(2-chloroethoxy)methane	n/a	<	1.2	µg/L	EPA 625	1.2	5	WKL	
MO-CAM	2018/19-5	Dry	5/14/2019 12:10:00 PM	5/24/2019 9:13:00 PM	Bis(2-chloroethyl)ether	n/a	<	1.4	µg/L	EPA 625	1.4	5	WKL	
MO-CAM	2018/19-5	Dry	5/14/2019 12:10:00 PM	5/24/2019 9:13:00 PM	Bis(2-chloroisopropyl)ether	n/a	<	1.9	µg/L	EPA 625	1.9	5	WKL	
MO-CAM	2018/19-5	Dry	5/14/2019 12:10:00 PM	5/17/2019 2:08:00 AM	Bis(2-ethylhexyl)adipate	n/a	<	0.1	µg/L	EPA 525.2	0.1	5	WKL	
MO-CAM	2018/19-5	Dry	5/14/2019 12:10:00 PM	5/17/2019 2:08:00 AM	Bis(2-ethylhexyl)phthalate	n/a	<	1.1	µg/L	EPA 525.2	1.1	3	WKL	
MO-CAM	2018/19-5	Dry	5/14/2019 12:10:00 PM	5/24/2019 9:13:00 PM	Bis(2-ethylhexyl)phthalate	n/a	<	12	µg/L	EPA 625	12	25	WKL	
MO-CAM	2018/19-5	Dry	5/14/2019 12:10:00 PM	5/24/2019 9:13:00 PM	Butyl benzyl phthalate	n/a	<	0.9	µg/L	EPA 625	0.9	5	WKL	
MO-CAM	2018/19-5	Dry	5/14/2019 12:10:00 PM	6/8/2019 6:49:00 AM	Chrysene	n/a	<	0.5	µg/L	EPA 8270C	0.5	0.5	WKL	
MO-CAM	2018/19-5	Dry	5/14/2019 12:10:00 PM	5/24/2019 9:13:00 PM	Chrysene	n/a	<	0.95	µg/L	EPA 625	0.95	5	WKL	
MO-CAM	2018/19-5	Dry	5/14/2019 12:10:00 PM	5/24/2019 9:13:00 PM	Dibenz(a,h)anthracene	n/a	<	0.4	µg/L	EPA 625	0.4	10	WKL	
MO-CAM	2018/19-5	Dry	5/14/2019 12:10:00 PM	6/8/2019 6:49:00 AM	Dibenz(a,h)anthracene	n/a	<	0.5	µg/L	EPA 8270C	0.5	0.5	WKL	
MO-CAM	2018/19-5	Dry	5/14/2019 12:10:00 PM	5/24/2019 9:13:00 PM	Diethyl phthalate	n/a	<	0.75	µg/L	EPA 625	0.75	5	WKL	
MO-CAM	2018/19-5	Dry	5/14/2019 12:10:00 PM	5/24/2019 9:13:00 PM	Dimethyl phthalate	n/a	<	0.9	µg/L	EPA 625	0.9	5	WKL	
MO-CAM	2018/19-5	Dry	5/14/2019 12:10:00 PM	5/24/2019 9:13:00 PM	Di-n-butylphthalate	n/a	<	1.2	µg/L	EPA 625	1.2	5	WKL	
MO-CAM	2018/19-5	Dry	5/14/2019 12:10:00 PM	5/24/2019 9:13:00 PM	Di-n-octylphthalate	n/a	<	0.95	µg/L	EPA 625	0.95	5	WKL	
MO-CAM	2018/19-5	Dry	5/14/2019 12:10:00 PM	5/24/2019 9:13:00 PM	Fluoranthene	n/a	<	1.1	µg/L	EPA 625	1.1	5	WKL	
MO-CAM	2018/19-5	Dry	5/14/2019 12:10:00 PM	6/8/2019 6:49:00 AM	Fluoranthene	n/a	<	0.5	µg/L	EPA 8270C	0.5	0.5	WKL	
MO-CAM	2018/19-5	Dry	5/14/2019 12:10:00 PM	6/8/2019 6:49:00 AM	Fluorene	n/a	<	0.5	µg/L	EPA 8270C	0.5	0.5	WKL	
MO-CAM	2018/19-5	Dry	5/14/2019 12:10:00 PM	5/24/2019 9:13:00 PM	Fluorene	n/a	<	1.8	µg/L	EPA 625	1.8	5	WKL	
MO-CAM	2018/19-5	Dry	5/14/2019 12:10:00 PM	5/24/2019 9:13:00 PM	Hexachlorobenzene	n/a	<	2.4	µg/L	EPA 625	2.4	5	WKL	
MO-CAM	2018/19-5	Dry	5/14/2019 12:10:00 PM	5/24/2019 9:13:00 PM	Hexachlorobutadiene	n/a	<	2.4	µg/L	EPA 625	2.4	5	WKL	
MO-CAM	2018/19-5	Dry	5/14/2019 12:10:00 PM	5/24/2019 9:13:00 PM	Hexachlorocyclopentadiene	n/a	<	7.3	µg/L	EPA 625	7.3	25	WKL	
MO-CAM	2018/19-5	Dry	5/14/2019 12:10:00 PM	5/24/2019 9:13:00 PM	Hexachloroethane	n/a	<	2.6	µg/L	EPA 625	2.6	5	WKL	
MO-CAM	2018/19-5	Dry	5/14/2019 12:10:00 PM	6/8/2019 6:49:00 AM	Indeno(1,2,3-cd)pyrene	n/a	<	0.5	µg/L	EPA 8270C	0.5	0.5	WKL	
MO-CAM	2018/19-5	Dry	5/14/2019 12:10:00 PM	5/24/2019 9:13:00 PM	Indeno(1,2,3-cd)pyrene	n/a	<	0.6	µg/L	EPA 625	0.6	10	WKL	
MO-CAM	2018/19-5	Dry	5/14/2019 12:10:00 PM	5/24/2019 9:13:00 PM	Isophorone	n/a	<	1	µg/L	EPA 625	1	5	WKL	
MO-CAM	2018/19-5	Dry	5/14/2019 12:10:00 PM	5/17/2019 6:46:00 AM	Methyl tert-butyl ether (MTBE)	n/a	<	0.25	µg/L	EPA 624	0.25	1	WKL	
MO-CAM	2018/19-5	Dry	5/14/2019 12:10:00 PM	5/24/2019 9:13:00 PM	Naphthalene	n/a	<	2.4	µg/L	EPA 625	2.4	5	WKL	
MO-CAM	2018/19-5	Dry	5/14/2019 12:10:00 PM	6/8/2019 6:49:00 AM	Naphthalene	n/a	<	0.5	µg/L	EPA 8270C	0.5	0.5	WKL	
MO-CAM	2018/19-5	Dry	5/14/2019 12:10:00 PM	5/24/2019 9:13:00 PM	Nitrobenzene	n/a	<	1.8	µg/L	EPA 625	1.8	5	WKL	
MO-CAM	2018/19-5	Dry	5/14/2019 12:10:00 PM	5/24/2019 9:13:00 PM	N-Nitrosodimethylamine	n/a	<	0.7	µg/L	EPA 625	0.7	5	WKL	
MO-CAM	2018/19-5	Dry	5/14/2019 12:10:00 PM	5/24/2019 9:13:00 PM	N-Nitrosodi-N-propylamine	n/a	<	1.3	µg/L	EPA 625	1.3	5	WKL	

Appendix G
Laboratory Environmental Analysis Results

Site ID	Event	Event Type	Sample Date	Analysis Date	Constituent	Fraction	Sign	Result	Units	Method	MDL	Reporting Limit	Analyzing Laboratory	Qualifier
MO-CAM	2018/19-5	Dry	5/14/2019 12:10:00 PM	5/24/2019 9:13:00 PM	N-Nitrosodiphenylamine	n/a	<	0.95	µg/L	EPA 625	0.95	5	WKL	
MO-CAM	2018/19-5	Dry	5/14/2019 12:10:00 PM	5/24/2019 9:13:00 PM	Phenanthrene	n/a	<	1.6	µg/L	EPA 625	1.6	5	WKL	
MO-CAM	2018/19-5	Dry	5/14/2019 12:10:00 PM	6/8/2019 6:49:00 AM	Phenanthrene	n/a	<	0.5	µg/L	EPA 8270C	0.5	0.5	WKL	
MO-CAM	2018/19-5	Dry	5/14/2019 12:10:00 PM	5/24/2019 9:13:00 PM	Phenol	n/a	<	0.8	µg/L	EPA 625	0.8	5	WKL	
MO-CAM	2018/19-5	Dry	5/14/2019 12:10:00 PM	5/22/2019 3:32:00 AM	Phenol	n/a	<	1.8	µg/L	EPA 8270C	1.8	5	WKL	
MO-CAM	2018/19-5	Dry	5/14/2019 12:10:00 PM	6/8/2019 6:49:00 AM	Pyrene	n/a	<	0.5	µg/L	EPA 8270C	0.5	0.5	WKL	
MO-CAM	2018/19-5	Dry	5/14/2019 12:10:00 PM	5/24/2019 9:13:00 PM	Pyrene	n/a	<	1.2	µg/L	EPA 625	1.2	5	WKL	
MO-CAM	2018/19-5	Dry	5/14/2019 12:10:00 PM	5/21/2019 9:26:00 PM	PCB Aroclor 1016	n/a	<	0.5	µg/L	EPA 608	0.5	5	WKL	
MO-CAM	2018/19-5	Dry	5/14/2019 12:10:00 PM	5/21/2019 9:26:00 PM	PCB Aroclor 1221	n/a	<	0.6	µg/L	EPA 608	0.6	5	WKL	
MO-CAM	2018/19-5	Dry	5/14/2019 12:10:00 PM	5/21/2019 9:26:00 PM	PCB Aroclor 1232	n/a	<	1.5	µg/L	EPA 608	1.5	5	WKL	
MO-CAM	2018/19-5	Dry	5/14/2019 12:10:00 PM	5/21/2019 9:26:00 PM	PCB Aroclor 1242	n/a	<	0.7	µg/L	EPA 608	0.7	5	WKL	
MO-CAM	2018/19-5	Dry	5/14/2019 12:10:00 PM	5/21/2019 9:26:00 PM	PCB Aroclor 1248	n/a	<	0.6	µg/L	EPA 608	0.6	5	WKL	
MO-CAM	2018/19-5	Dry	5/14/2019 12:10:00 PM	5/21/2019 9:26:00 PM	PCB Aroclor 1254	n/a	<	0.4	µg/L	EPA 608	0.4	5	WKL	
MO-CAM	2018/19-5	Dry	5/14/2019 12:10:00 PM	5/21/2019 9:26:00 PM	PCB Aroclor 1260	n/a	<	0.4	µg/L	EPA 608	0.4	5	WKL	
MO-CAM	2018/19-5	Dry	5/14/2019 12:10:00 PM	5/24/2019 2:59:00 AM	2,4,5-T	n/a	<	0.07	µg/L	EPA 515.4	0.07	0.2	WKL	
MO-CAM	2018/19-5	Dry	5/14/2019 12:10:00 PM	5/24/2019 2:59:00 AM	2,4,5-TP	n/a	<	0.09	µg/L	EPA 515.4	0.09	0.2	WKL	
MO-CAM	2018/19-5	Dry	5/14/2019 12:10:00 PM	5/24/2019 2:59:00 AM	2,4-D	n/a	=	14	µg/L	EPA 515.4	0.07	0.4	WKL	
MO-CAM	2018/19-5	Dry	5/14/2019 12:10:00 PM	5/24/2019 2:59:00 AM	2,4-DB	n/a	<	0.07	µg/L	EPA 515.4	0.07	2	WKL	
MO-CAM	2018/19-5	Dry	5/14/2019 12:10:00 PM	5/24/2019 2:59:00 AM	3,5-Dichlorobenzoic acid	n/a	<	0.09	µg/L	EPA 515.4	0.09	1	WKL	
MO-CAM	2018/19-5	Dry	5/14/2019 12:10:00 PM	5/21/2019 9:26:00 PM	4,4'-DDD	n/a	<	0.03	µg/L	EPA 608	0.03	0.5	WKL	
MO-CAM	2018/19-5	Dry	5/14/2019 12:10:00 PM	5/21/2019 9:26:00 PM	4,4'-DDE	n/a	<	0.025	µg/L	EPA 608	0.025	0.5	WKL	
MO-CAM	2018/19-5	Dry	5/14/2019 12:10:00 PM	5/21/2019 9:26:00 PM	4,4'-DDT	n/a	<	0.031	µg/L	EPA 608	0.031	0.1	WKL	
MO-CAM	2018/19-5	Dry	5/14/2019 12:10:00 PM	5/24/2019 2:59:00 AM	Acifluorfen	n/a	<	0.06	µg/L	EPA 515.4	0.06	0.4	WKL	
MO-CAM	2018/19-5	Dry	5/14/2019 12:10:00 PM	5/17/2019 2:08:00 AM	Alachlor	n/a	<	0.022	µg/L	EPA 525.2	0.022	0.1	WKL	
MO-CAM	2018/19-5	Dry	5/14/2019 12:10:00 PM	5/21/2019 9:26:00 PM	Aldrin	n/a	<	0.015	µg/L	EPA 608	0.015	0.05	WKL	
MO-CAM	2018/19-5	Dry	5/14/2019 12:10:00 PM	5/21/2019 9:26:00 PM	alpha-BHC	n/a	<	0.018	µg/L	EPA 608	0.018	0.1	WKL	
MO-CAM	2018/19-5	Dry	5/14/2019 12:10:00 PM	5/21/2019 9:26:00 PM	alpha-Chlordane	n/a	<	0.041	µg/L	EPA 608	0.041	0.1	WKL	
MO-CAM	2018/19-5	Dry	5/14/2019 12:10:00 PM	5/17/2019 2:08:00 AM	Atrazine	n/a	<	0.034	µg/L	EPA 525.2	0.034	0.1	WKL	
MO-CAM	2018/19-5	Dry	5/14/2019 12:10:00 PM	5/22/2019 3:40:00 AM	Azinphos methyl	n/a	<	0.0055	µg/L	EPA 525.2m	0.0055	0.01	WKL	
MO-CAM	2018/19-5	Dry	5/14/2019 12:10:00 PM	5/24/2019 2:59:00 AM	Bentazon	n/a	<	0.11	µg/L	EPA 515.4	0.11	2	WKL	
MO-CAM	2018/19-5	Dry	5/14/2019 12:10:00 PM	5/21/2019 9:26:00 PM	beta-BHC	n/a	<	0.031	µg/L	EPA 608	0.031	0.05	WKL	
MO-CAM	2018/19-5	Dry	5/14/2019 12:10:00 PM	5/22/2019 3:40:00 AM	Bolstar	n/a	<	0.0046	µg/L	EPA 525.2m	0.0046	0.01	WKL	
MO-CAM	2018/19-5	Dry	5/14/2019 12:10:00 PM	5/17/2019 2:08:00 AM	Bromacil	n/a	<	0.038	µg/L	EPA 525.2	0.038	1	WKL	
MO-CAM	2018/19-5	Dry	5/14/2019 12:10:00 PM	5/17/2019 2:08:00 AM	Butachlor	n/a	<	0.017	µg/L	EPA 525.2	0.017	0.2	WKL	
MO-CAM	2018/19-5	Dry	5/14/2019 12:10:00 PM	5/17/2019 2:08:00 AM	Captan	n/a	<	0.86	µg/L	EPA 525.2	0.86	1	WKL	
MO-CAM	2018/19-5	Dry	5/14/2019 12:10:00 PM	5/21/2019 9:26:00 PM	Chlordane (technical)	n/a	<	0.8	µg/L	EPA 608	0.8	1	WKL	
MO-CAM	2018/19-5	Dry	5/14/2019 12:10:00 PM	5/17/2019 2:08:00 AM	Chlorpropham	n/a	<	0.01	µg/L	EPA 525.2	0.01	0.1	WKL	
MO-CAM	2018/19-5	Dry	5/14/2019 12:10:00 PM	5/22/2019 3:40:00 AM	Chlorpyrifos	n/a	<	0.0069	µg/L	EPA 525.2m	0.0069	0.01	WKL	
MO-CAM	2018/19-5	Dry	5/14/2019 12:10:00 PM	5/22/2019 3:40:00 AM	Coumaphos	n/a	<	0.0051	µg/L	EPA 525.2m	0.0051	0.01	WKL	
MO-CAM	2018/19-5	Dry	5/14/2019 12:10:00 PM	5/17/2019 2:08:00 AM	Cyanazine	n/a	<	0.024	µg/L	EPA 525.2	0.024	0.1	WKL	
MO-CAM	2018/19-5	Dry	5/14/2019 12:10:00 PM	5/24/2019 2:59:00 AM	Dalapon	n/a	<	0.1	µg/L	EPA 515.4	0.1	0.4	WKL	
MO-CAM	2018/19-5	Dry	5/14/2019 12:10:00 PM	5/24/2019 2:59:00 AM	DCPA (Dacthal)	n/a	=	0.87	µg/L	EPA 515.4	0.07	0.1	WKL	
MO-CAM	2018/19-5	Dry	5/14/2019 12:10:00 PM	5/21/2019 9:26:00 PM	delta-BHC	n/a	<	0.025	µg/L	EPA 608	0.025	0.05	WKL	
MO-CAM	2018/19-5	Dry	5/14/2019 12:10:00 PM	5/22/2019 3:40:00 AM	Demeton-O	n/a	<	0.01	µg/L	EPA 525.2m	0.01	0.01	WKL	
MO-CAM	2018/19-5	Dry	5/14/2019 12:10:00 PM	5/22/2019 3:40:00 AM	Demeton-S	n/a	<	0.01	µg/L	EPA 525.2m	0.01	0.01	WKL	
MO-CAM	2018/19-5	Dry	5/14/2019 12:10:00 PM	5/17/2019 2:08:00 AM	Diazinon	n/a	<	0.096	µg/L	EPA 525.2	0.096	0.1	WKL	
MO-CAM	2018/19-5	Dry	5/14/2019 12:10:00 PM	5/22/2019 3:40:00 AM	Diazinon	n/a	<	0.0052	µg/L	EPA 525.2m	0.0052	0.01	WKL	
MO-CAM	2018/19-5	Dry	5/14/2019 12:10:00 PM	5/24/2019 2:59:00 AM	Dicamba	n/a	<	0.12	µg/L	EPA 515.4	0.12	0.6	WKL	

Appendix G
Laboratory Environmental Analysis Results

Site ID	Event	Event Type	Sample Date	Analysis Date	Constituent	Fraction	Sign	Result	Units	Method	MDL	Reporting Limit	Analyzing Laboratory	Qualifier
MO-CAM	2018/19-5	Dry	5/14/2019 12:10:00 PM	5/24/2019 2:59:00 AM	Dichlorprop	n/a	<	0.08	µg/L	EPA 515.4	0.08	0.3	WKL	
MO-CAM	2018/19-5	Dry	5/14/2019 12:10:00 PM	5/22/2019 3:40:00 AM	Dichlorvos	n/a	DNQ	0.0035	µg/L	EPA 525.2m	0.0029	0.01	WKL	
MO-CAM	2018/19-5	Dry	5/14/2019 12:10:00 PM	5/21/2019 9:26:00 PM	Dieldrin	n/a	<	0.021	µg/L	EPA 608	0.021	0.1	WKL	
MO-CAM	2018/19-5	Dry	5/14/2019 12:10:00 PM	5/17/2019 2:08:00 AM	Dimethoate	n/a	<	0.024	µg/L	EPA 525.2	0.024	0.2	WKL	
MO-CAM	2018/19-5	Dry	5/14/2019 12:10:00 PM	5/22/2019 3:40:00 AM	Dimethoate	n/a	<	0.0062	µg/L	EPA 525.2m	0.0062	0.01	WKL	
MO-CAM	2018/19-5	Dry	5/14/2019 12:10:00 PM	5/24/2019 2:59:00 AM	Dinoseb	n/a	<	0.14	µg/L	EPA 515.4	0.14	0.4	WKL	
MO-CAM	2018/19-5	Dry	5/14/2019 12:10:00 PM	5/17/2019 2:08:00 AM	Diphenamid	n/a	<	0.024	µg/L	EPA 525.2	0.024	0.1	WKL	
MO-CAM	2018/19-5	Dry	5/14/2019 12:10:00 PM	5/17/2019 2:08:00 AM	Disulfoton	n/a	<	0.031	µg/L	EPA 525.2	0.031	0.1	WKL	
MO-CAM	2018/19-5	Dry	5/14/2019 12:10:00 PM	5/22/2019 3:40:00 AM	Disulfoton	n/a	<	0.01	µg/L	EPA 525.2m	0.01	0.01	WKL	
MO-CAM	2018/19-5	Dry	5/14/2019 12:10:00 PM	5/21/2019 9:26:00 PM	Endosulfan I	n/a	<	0.017	µg/L	EPA 608	0.017	0.2	WKL	
MO-CAM	2018/19-5	Dry	5/14/2019 12:10:00 PM	5/21/2019 9:26:00 PM	Endosulfan II	n/a	<	0.019	µg/L	EPA 608	0.019	0.1	WKL	
MO-CAM	2018/19-5	Dry	5/14/2019 12:10:00 PM	5/21/2019 9:26:00 PM	Endosulfan sulfate	n/a	<	0.08	µg/L	EPA 608	0.08	0.5	WKL	
MO-CAM	2018/19-5	Dry	5/14/2019 12:10:00 PM	5/21/2019 9:26:00 PM	Endrin	n/a	<	0.028	µg/L	EPA 608	0.028	0.1	WKL	
MO-CAM	2018/19-5	Dry	5/14/2019 12:10:00 PM	5/21/2019 9:26:00 PM	Endrin aldehyde	n/a	<	0.03	µg/L	EPA 608	0.03	0.1	WKL	
MO-CAM	2018/19-5	Dry	5/14/2019 12:10:00 PM	5/17/2019 2:08:00 AM	EPTC	n/a	<	0.017	µg/L	EPA 525.2	0.017	1	WKL	
MO-CAM	2018/19-5	Dry	5/14/2019 12:10:00 PM	5/22/2019 3:40:00 AM	Ethoprop	n/a	<	0.0067	µg/L	EPA 525.2m	0.0067	0.01	WKL	
MO-CAM	2018/19-5	Dry	5/14/2019 12:10:00 PM	5/22/2019 3:40:00 AM	Ethyl parathion	n/a	<	0.0054	µg/L	EPA 525.2m	0.0054	0.01	WKL	
MO-CAM	2018/19-5	Dry	5/14/2019 12:10:00 PM	5/22/2019 3:40:00 AM	Fensulfothion	n/a	<	0.0029	µg/L	EPA 525.2m	0.0029	0.01	WKL	
MO-CAM	2018/19-5	Dry	5/14/2019 12:10:00 PM	5/22/2019 3:40:00 AM	Fenthion	n/a	<	0.0038	µg/L	EPA 525.2m	0.0038	0.01	WKL	
MO-CAM	2018/19-5	Dry	5/14/2019 12:10:00 PM	5/21/2019 9:26:00 PM	gamma-BHC (Lindane)	n/a	<	0.021	µg/L	EPA 608	0.021	0.2	WKL	
MO-CAM	2018/19-5	Dry	5/14/2019 12:10:00 PM	5/21/2019 9:26:00 PM	gamma-Chlordane	n/a	<	0.044	µg/L	EPA 608	0.044	0.1	WKL	
MO-CAM	2018/19-5	Dry	5/14/2019 12:10:00 PM	5/15/2019 6:14:00 PM	Glyphosate	n/a	=	14	µg/L	EPA 547	1.8	5	WKL	
MO-CAM	2018/19-5	Dry	5/14/2019 12:10:00 PM	5/21/2019 9:26:00 PM	Heptachlor	n/a	<	0.017	µg/L	EPA 608	0.017	0.1	WKL	
MO-CAM	2018/19-5	Dry	5/14/2019 12:10:00 PM	5/21/2019 9:26:00 PM	Heptachlor epoxide	n/a	<	0.019	µg/L	EPA 608	0.019	0.1	WKL	
MO-CAM	2018/19-5	Dry	5/14/2019 12:10:00 PM	5/22/2019 3:40:00 AM	Malathion	n/a	=	0.017	µg/L	EPA 525.2m	0.0076	0.01	WKL	
MO-CAM	2018/19-5	Dry	5/14/2019 12:10:00 PM	5/22/2019 3:40:00 AM	Merphos	n/a	<	0.0058	µg/L	EPA 525.2m	0.0058	0.01	WKL	
MO-CAM	2018/19-5	Dry	5/14/2019 12:10:00 PM	5/21/2019 9:26:00 PM	Methoxychlor	n/a	<	0.054	µg/L	EPA 608	0.054	0.2	WKL	
MO-CAM	2018/19-5	Dry	5/14/2019 12:10:00 PM	5/22/2019 3:40:00 AM	Methyl parathion	n/a	<	0.0063	µg/L	EPA 525.2m	0.0063	0.01	WKL	
MO-CAM	2018/19-5	Dry	5/14/2019 12:10:00 PM	5/17/2019 2:08:00 AM	Metolachlor	n/a	<	0.012	µg/L	EPA 525.2	0.012	0.1	WKL	
MO-CAM	2018/19-5	Dry	5/14/2019 12:10:00 PM	5/17/2019 2:08:00 AM	Metribuzin	n/a	<	0.015	µg/L	EPA 525.2	0.015	0.1	WKL	
MO-CAM	2018/19-5	Dry	5/14/2019 12:10:00 PM	5/22/2019 3:40:00 AM	Mevinphos	n/a	<	0.0042	µg/L	EPA 525.2m	0.0042	0.01	WKL	
MO-CAM	2018/19-5	Dry	5/14/2019 12:10:00 PM	5/17/2019 2:08:00 AM	Molinate	n/a	<	0.039	µg/L	EPA 525.2	0.039	0.1	WKL	
MO-CAM	2018/19-5	Dry	5/14/2019 12:10:00 PM	5/22/2019 3:40:00 AM	Naled	n/a	<	0.0076	µg/L	EPA 525.2m	0.0076	0.01	WKL	
MO-CAM	2018/19-5	Dry	5/14/2019 12:10:00 PM	5/22/2019 3:32:00 AM	Pentachlorophenol	n/a	<	0.75	µg/L	EPA 8270C	0.75	5	WKL	
MO-CAM	2018/19-5	Dry	5/14/2019 12:10:00 PM	5/24/2019 2:59:00 AM	Pentachlorophenol	n/a	<	0.04	µg/L	EPA 515.4	0.04	0.2	WKL	
MO-CAM	2018/19-5	Dry	5/14/2019 12:10:00 PM	5/24/2019 9:13:00 PM	Pentachlorophenol	n/a	<	0.95	µg/L	EPA 625	0.95	5	WKL	
MO-CAM	2018/19-5	Dry	5/14/2019 12:10:00 PM	5/22/2019 3:40:00 AM	Phorate	n/a	<	0.003	µg/L	EPA 525.2m	0.003	0.01	WKL	
MO-CAM	2018/19-5	Dry	5/14/2019 12:10:00 PM	5/24/2019 2:59:00 AM	Picloram	n/a	<	0.05	µg/L	EPA 515.4	0.05	0.6	WKL	
MO-CAM	2018/19-5	Dry	5/14/2019 12:10:00 PM	5/17/2019 2:08:00 AM	Prometon	n/a	<	0.024	µg/L	EPA 525.2	0.024	0.2	WKL	
MO-CAM	2018/19-5	Dry	5/14/2019 12:10:00 PM	5/17/2019 2:08:00 AM	Prometryn	n/a	<	0.036	µg/L	EPA 525.2	0.036	0.1	WKL	
MO-CAM	2018/19-5	Dry	5/14/2019 12:10:00 PM	5/22/2019 3:40:00 AM	Ronnel (Fenchlorphos)	n/a	<	0.0041	µg/L	EPA 525.2m	0.0041	0.01	WKL	
MO-CAM	2018/19-5	Dry	5/14/2019 12:10:00 PM	5/17/2019 2:08:00 AM	Simazine	n/a	<	0.015	µg/L	EPA 525.2	0.015	0.1	WKL	
MO-CAM	2018/19-5	Dry	5/14/2019 12:10:00 PM	5/22/2019 3:40:00 AM	Stirophos (Tetrachlorvinphos)	n/a	<	0.0031	µg/L	EPA 525.2m	0.0031	0.01	WKL	
MO-CAM	2018/19-5	Dry	5/14/2019 12:10:00 PM	5/17/2019 2:08:00 AM	Terbacil	n/a	<	0.55	µg/L	EPA 525.2	0.55	2	WKL	
MO-CAM	2018/19-5	Dry	5/14/2019 12:10:00 PM	5/17/2019 2:08:00 AM	Thiobencarb	n/a	<	0.025	µg/L	EPA 525.2	0.025	0.2	WKL	
MO-CAM	2018/19-5	Dry	5/14/2019 12:10:00 PM	5/22/2019 3:40:00 AM	Tokuthion	n/a	<	0.0078	µg/L	EPA 525.2m	0.0078	0.01	WKL	
MO-CAM	2018/19-5	Dry	5/14/2019 12:10:00 PM	5/21/2019 9:26:00 PM	Toxaphene	n/a	<	1.2	µg/L	EPA 608	1.2	5	WKL	
MO-CAM	2018/19-5	Dry	5/14/2019 12:10:00 PM	5/22/2019 3:40:00 AM	Trichloronate	n/a	<	0.0067	µg/L	EPA 525.2m	0.0067	0.01	WKL	

Appendix G
Laboratory Environmental Analysis Results

Site ID	Event	Event Type	Sample Date	Analysis Date	Constituent	Fraction	Sign	Result	Units	Method	MDL	Reporting Limit	Analyzing Laboratory	Qualifier
MO-CAM	2018/19-5	Dry	5/14/2019 12:10:00 PM	5/17/2019 2:08:00 AM	Trithion	n/a	<	0.012	µg/L	EPA 525.2	0.012	0.1	WKL	
MO-CAM	2019-DRY	Dry	8/21/2019 7:30:00 AM	8/22/2019 6:00:00 AM	E. Coli	n/a	=	12997	MPN/100 mL	MMO-MUG	10	10	VCHCA	
MO-CAM	2019-DRY	Dry	8/21/2019 7:30:00 AM	8/22/2019 6:00:00 AM	Total Coliform	n/a	=	298700	MPN/100 mL	MMO-MUG	1000	1000	VCHCA	
MO-CAM	2019-DRY	Dry	8/21/2019 7:30:00 AM	9/9/2019 5:11:00 PM	Calcium	Total	=	74.2	mg/L	EPA 200.7	0.016	0.1	WKL	
MO-CAM	2019-DRY	Dry	8/21/2019 7:30:00 AM	9/9/2019 5:11:00 PM	Magnesium	Total	=	23.7	mg/L	EPA 200.7	0.012	0.1	WKL	
MO-CAM	2019-DRY	Dry	8/21/2019 7:30:00 AM	8/21/2019 7:30:00 AM	Conductivity	n/a	=	870	µmhos/cm	Field Meter	-88	1	Field Crew	
MO-CAM	2019-DRY	Dry	8/21/2019 7:30:00 AM	8/21/2019 7:30:00 AM	Discharge	n/a	=	0.005	cfs	Field Estimate	-88	-88	Field Crew	EST
MO-CAM	2019-DRY	Dry	8/21/2019 7:30:00 AM	8/21/2019 7:30:00 AM	DO	n/a	=	9.33	mg/L	Field Meter	-88	0.3	Field Crew	
MO-CAM	2019-DRY	Dry	8/21/2019 7:30:00 AM	8/21/2019 7:30:00 AM	DO	n/a	=	98.8	%	Field Meter	-88	0.1	Field Crew	
MO-CAM	2019-DRY	Dry	8/21/2019 7:30:00 AM	9/9/2019 5:11:00 PM	Hardness as CaCO3	Total	=	283	mg/L	EPA 200.7	0.0894	0.662	WKL	
MO-CAM	2019-DRY	Dry	8/21/2019 7:30:00 AM	8/21/2019 7:30:00 AM	pH	n/a	=	7.82	pH Units	Field Meter	-88	0.01	Field Crew	
MO-CAM	2019-DRY	Dry	8/21/2019 7:30:00 AM	8/21/2019 7:30:00 AM	Salinity	n/a	=	500	mg/L	Field Meter	-88	100	Field Crew	
MO-CAM	2019-DRY	Dry	8/21/2019 7:30:00 AM	8/21/2019 7:30:00 AM	Specific Conductance	n/a	=	1004	µmhos/cm	Field Meter	-88	1	Field Crew	
MO-CAM	2019-DRY	Dry	8/21/2019 7:30:00 AM	8/21/2019 7:30:00 AM	Temperature	n/a	=	18.1	°C	Field Meter	-88	0.1	Field Crew	
MO-CAM	2019-DRY	Dry	8/21/2019 7:30:00 AM	8/22/2019 12:35:00 PM	Total Organic Carbon	n/a	=	7.2	mg/L	SM 5310 B	0.009	0.3	WKL	
MO-CAM	2019-DRY	Dry	8/21/2019 7:30:00 AM	8/21/2019 7:30:00 AM	Turbidity	n/a	=	4.18	NTU	Field Meter	-88	0.01	Field Crew	
MO-CAM	2019-DRY	Dry	8/21/2019 7:30:00 AM	9/3/2019 7:12:00 PM	Copper	Dissolved	=	3.7	µg/L	EPA 200.8	0.13	0.5	WKL	
MO-CAM	2019-DRY	Dry	8/21/2019 7:30:00 AM	9/3/2019 7:12:00 PM	Lead	Dissolved	DNQ	0.064	µg/L	EPA 200.8	0.031	0.2	WKL	UL-MB
MO-CAM	2019-DRY	Dry	8/21/2019 7:30:00 AM	9/3/2019 7:12:00 PM	Zinc	Dissolved	DNQ	3.7	µg/L	EPA 200.8	0.94	5	WKL	UL-MB
MO-FIL	2018/19-1	Wet	11/22/2018 1:25:00 AM	11/22/2018 9:00:00 PM	E. Coli	n/a	=	64880	MPN/100 mL	MMO-MUG	100	100	VCHCA	
MO-FIL	2018/19-1	Wet	11/22/2018 1:25:00 AM	11/22/2018 9:00:00 PM	Total Coliform	n/a	=	241960	MPN/100 mL	MMO-MUG	100	100	VCHCA	
MO-FIL	2018/19-1	Wet	11/22/2018 1:25:00 AM	11/22/2018 1:25:00 AM	Conductivity	n/a	=	160.3	µmhos/cm	Field Meter	-88	1	Field Crew	
MO-FIL	2018/19-1	Wet	11/22/2018 1:25:00 AM	12/6/2018 6:55:00 PM	Cyanide	Total	=	0.0025	mg/L	ASTM D7511	0.0005	0.002	WKL	
MO-FIL	2018/19-1	Wet	11/22/2018 1:25:00 AM	11/22/2018 1:25:00 AM	DO	n/a	=	8.15	mg/L	Field Meter	-88	0.3	Field Crew	
MO-FIL	2018/19-1	Wet	11/22/2018 1:25:00 AM	11/22/2018 1:25:00 AM	DO	n/a	=	83.5	%	Field Meter	-88	0.1	Field Crew	
MO-FIL	2018/19-1	Wet	11/22/2018 1:25:00 AM	11/22/2018 1:25:00 AM	pH	n/a	=	7.72	pH Units	Field Meter	-88	0.01	Field Crew	
MO-FIL	2018/19-1	Wet	11/22/2018 1:25:00 AM	11/22/2018 1:25:00 AM	Salinity	n/a	=	100	mg/L	Field Meter	-88	100	Field Crew	
MO-FIL	2018/19-1	Wet	11/22/2018 1:25:00 AM	11/22/2018 1:25:00 AM	Specific Conductance	n/a	=	194.5	µmhos/cm	Field Meter	-88	1	Field Crew	
MO-FIL	2018/19-1	Wet	11/22/2018 1:25:00 AM	11/22/2018 1:25:00 AM	Temperature	n/a	=	15.9	°C	Field Meter	-88	0.1	Field Crew	
MO-FIL	2018/19-1	Wet	11/22/2018 1:25:00 AM	11/30/2018 8:34:00 PM	Gasoline Range Organics	n/a	<	0.012	mg/L	LUFT GC/MS	0.012	0.1	WKL	
MO-FIL	2018/19-1	Wet	11/22/2018 1:25:00 AM	12/4/2018 9:18:00 AM	Oil and Grease	n/a	DNQ	3.9	mg/L	EPA 1664A	1.3	5	WKL	
MO-FIL	2018/19-1	Wet	11/22/2018 1:25:00 AM	11/26/2018 10:13:00 PM	2-Chloroethyl vinyl ether	n/a	<	0.28	µg/L	EPA 624	0.28	1	WKL	
MO-FIL	2018/19-1	Wet	11/22/2018 1:25:00 AM	11/26/2018 10:13:00 PM	Methyl tert-butyl ether (MTBE)	n/a	<	0.25	µg/L	EPA 624	0.25	1	WKL	
MO-FIL	2018/19-1	Wet	11/22/2018 9:25:00 AM	11/26/2018 10:00:00 PM	Chloride	n/a	=	23	mg/L	EPA 300.0	0.5	2.5	WKL	
MO-FIL	2018/19-1	Wet	11/22/2018 9:25:00 AM	11/26/2018 10:00:00 PM	Fluoride	n/a	DNQ	0.26	mg/L	EPA 300.0	0.1	0.5	WKL	
MO-FIL	2018/19-1	Wet	11/22/2018 9:25:00 AM	11/29/2018 6:22:00 PM	Perchlorate	n/a	=	9.5	µg/L	EPA 314.0	0.95	2	WKL	
MO-FIL	2018/19-1	Wet	11/22/2018 9:25:00 AM	11/26/2018 10:00:00 PM	Sulfate	Total	=	160	mg/L	EPA 300.0	0.5	2.5	WKL	
MO-FIL	2018/19-1	Wet	11/22/2018 9:25:00 AM	11/26/2018 4:54:00 PM	Calcium	Total	=	62.4	mg/L	EPA 200.7	0.016	0.1	WKL	
MO-FIL	2018/19-1	Wet	11/22/2018 9:25:00 AM	11/26/2018 4:54:00 PM	Magnesium	Total	=	17.3	mg/L	EPA 200.7	0.012	0.1	WKL	
MO-FIL	2018/19-1	Wet	11/22/2018 9:25:00 AM	11/26/2018 4:54:00 PM	Potassium	Total	=	9.7	mg/L	EPA 200.7	0.081	0.1	WKL	
MO-FIL	2018/19-1	Wet	11/22/2018 9:25:00 AM	11/27/2018 1:52:00 PM	Sodium	Total	=	27	mg/L	EPA 200.7	0.015	0.5	WKL	
MO-FIL	2018/19-1	Wet	11/22/2018 9:25:00 AM	11/27/2018 2:45:00 PM	Alkalinity as CaCO3	n/a	=	81	mg/L	SM 2320 B	0.56	2	WKL	
MO-FIL	2018/19-1	Wet	11/22/2018 9:25:00 AM	11/28/2018 6:41:00 PM	BOD	n/a	=	19	mg/L	SM 5210 B	2	2	WKL	
MO-FIL	2018/19-1	Wet	11/22/2018 9:25:00 AM	11/27/2018 2:52:00 PM	COD	n/a	=	94	mg/L	EPA 410.4	0.73	5	WKL	
MO-FIL	2018/19-1	Wet	11/22/2018 9:25:00 AM	12/4/2018 2:24:00 PM	Dissolved Inorganic Carbon	Dissolved	=	26	mg/L	SM 5310 B	0.016	0.1	WKL	
MO-FIL	2018/19-1	Wet	11/22/2018 9:25:00 AM	12/3/2018 11:13:00 AM	Dissolved Organic Carbon	Dissolved	=	17	mg/L	SM 5310 B	0.013	0.3	WKL	
MO-FIL	2018/19-1	Wet	11/22/2018 9:25:00 AM	11/26/2018 4:54:00 PM	Hardness as CaCO3	Total	=	227	mg/L	EPA 200.7	0.0894	0.662	WKL	
MO-FIL	2018/19-1	Wet	11/22/2018 9:25:00 AM	11/23/2018 6:32:00 PM	MBAS	n/a	=	0.48	mg/L	SM 5540 C	0.095	0.25	WKL	

Appendix G
Laboratory Environmental Analysis Results

Site ID	Event	Event Type	Sample Date	Analysis Date	Constituent	Fraction	Sign	Result	Units	Method	MDL	Reporting Limit	Analyzing Laboratory	Qualifier
MO-FIL	2018/19-1	Wet	11/22/2018 9:25:00 AM	12/6/2018 6:19:00 PM	Phenolics	n/a	=	0.01	mg/L	EPA 420.4	0.0042	0.01	WKL	
MO-FIL	2018/19-1	Wet	11/22/2018 9:25:00 AM	11/28/2018 6:35:00 PM	Specific Conductance	n/a	=	560	µmhos/cm	SM 2510 B	0.23	2	WKL	
MO-FIL	2018/19-1	Wet	11/22/2018 9:25:00 AM	11/27/2018 6:57:00 PM	Total Dissolved Solids	n/a	=	370	mg/L	SM 2540 C	4	10	WKL	
MO-FIL	2018/19-1	Wet	11/22/2018 9:25:00 AM	11/30/2018 12:03:00 PM	Total Organic Carbon	n/a	=	24	mg/L	SM 5310 B	0.016	0.1	WKL	
MO-FIL	2018/19-1	Wet	11/22/2018 9:25:00 AM	11/27/2018 2:15:00 PM	Total Suspended Solids	n/a	=	140	mg/L	SM 2540 D	-88	5	WKL	
MO-FIL	2018/19-1	Wet	11/22/2018 9:25:00 AM	11/23/2018 6:35:00 PM	Turbidity	n/a	=	87	NTU	EPA 180.1	0.12	0.5	WKL	
MO-FIL	2018/19-1	Wet	11/22/2018 9:25:00 AM	11/27/2018 2:15:00 PM	Volatile Suspended Solids	n/a	=	31	mg/L	EPA 160.4	3.1	5	WKL	
MO-FIL	2018/19-1	Wet	11/22/2018 9:25:00 AM	11/30/2018 11:21:00 PM	Diesel Range Organics	n/a	DNQ	0.38	mg/L	EPA 8015D	0.12	0.5	WKL	UL-MB
MO-FIL	2018/19-1	Wet	11/22/2018 9:25:00 AM	11/30/2018 11:21:00 PM	Oil Range Organics	n/a	<	1.6	mg/L	EPA 8015D	1.6	2.5	WKL	
MO-FIL	2018/19-1	Wet	11/22/2018 9:25:00 AM	11/29/2018 2:48:00 PM	Aluminum	Dissolved	=	29	µg/L	EPA 200.8	1.3	5	WKL	
MO-FIL	2018/19-1	Wet	11/22/2018 9:25:00 AM	11/29/2018 2:52:00 PM	Aluminum	Total	=	1900	µg/L	EPA 200.8	1.3	5	WKL	
MO-FIL	2018/19-1	Wet	11/22/2018 9:25:00 AM	11/29/2018 2:48:00 PM	Antimony	Dissolved	=	0.78	µg/L	EPA 200.8	0.045	0.5	WKL	
MO-FIL	2018/19-1	Wet	11/22/2018 9:25:00 AM	11/29/2018 2:52:00 PM	Antimony	Total	=	1.3	µg/L	EPA 200.8	0.045	0.5	WKL	
MO-FIL	2018/19-1	Wet	11/22/2018 9:25:00 AM	11/29/2018 2:48:00 PM	Arsenic	Dissolved	=	1.2	µg/L	EPA 200.8	0.074	0.4	WKL	
MO-FIL	2018/19-1	Wet	11/22/2018 9:25:00 AM	11/29/2018 2:52:00 PM	Arsenic	Total	=	2	µg/L	EPA 200.8	0.074	0.4	WKL	
MO-FIL	2018/19-1	Wet	11/22/2018 9:25:00 AM	11/29/2018 2:52:00 PM	Barium	Total	=	64	µg/L	EPA 200.8	0.071	0.5	WKL	
MO-FIL	2018/19-1	Wet	11/22/2018 9:25:00 AM	11/29/2018 2:48:00 PM	Beryllium	Dissolved	<	0.033	µg/L	EPA 200.8	0.033	0.1	WKL	
MO-FIL	2018/19-1	Wet	11/22/2018 9:25:00 AM	11/29/2018 2:52:00 PM	Beryllium	Total	DNQ	0.098	µg/L	EPA 200.8	0.033	0.1	WKL	
MO-FIL	2018/19-1	Wet	11/22/2018 9:25:00 AM	11/29/2018 2:48:00 PM	Cadmium	Dissolved	=	0.11	µg/L	EPA 200.8	0.041	0.1	WKL	
MO-FIL	2018/19-1	Wet	11/22/2018 9:25:00 AM	11/29/2018 2:52:00 PM	Cadmium	Total	=	1.1	µg/L	EPA 200.8	0.041	0.1	WKL	
MO-FIL	2018/19-1	Wet	11/22/2018 9:25:00 AM	11/29/2018 2:48:00 PM	Chromium	Dissolved	=	0.96	µg/L	EPA 200.8	0.035	0.2	WKL	
MO-FIL	2018/19-1	Wet	11/22/2018 9:25:00 AM	11/29/2018 2:52:00 PM	Chromium	Total	=	7	µg/L	EPA 200.8	0.035	0.2	WKL	
MO-FIL	2018/19-1	Wet	11/22/2018 9:25:00 AM	11/30/2018 11:11:00 PM	Chromium VI	n/a	=	0.38	µg/L	EPA 218.6	0.048	0.2	WKL	
MO-FIL	2018/19-1	Wet	11/22/2018 9:25:00 AM	11/29/2018 2:48:00 PM	Copper	Dissolved	=	10	µg/L	EPA 200.8	0.13	0.5	WKL	
MO-FIL	2018/19-1	Wet	11/22/2018 9:25:00 AM	11/29/2018 2:52:00 PM	Copper	Total	=	41	µg/L	EPA 200.8	0.13	0.5	WKL	
MO-FIL	2018/19-1	Wet	11/22/2018 9:25:00 AM	11/26/2018 4:16:00 PM	Iron	Dissolved	=	72	µg/L	EPA 200.7	1.1	10	WKL	
MO-FIL	2018/19-1	Wet	11/22/2018 9:25:00 AM	11/26/2018 4:54:00 PM	Iron	Total	=	3400	µg/L	EPA 200.7	1.1	10	WKL	
MO-FIL	2018/19-1	Wet	11/22/2018 9:25:00 AM	11/29/2018 2:48:00 PM	Lead	Dissolved	=	0.35	µg/L	EPA 200.8	0.031	0.2	WKL	
MO-FIL	2018/19-1	Wet	11/22/2018 9:25:00 AM	11/29/2018 2:52:00 PM	Lead	Total	=	4.6	µg/L	EPA 200.8	0.031	0.2	WKL	
MO-FIL	2018/19-1	Wet	11/22/2018 9:25:00 AM	11/28/2018 3:58:00 PM	Mercury	Dissolved	<	17	ng/L	EPA 245.1	17	50	WKL	
MO-FIL	2018/19-1	Wet	11/22/2018 9:25:00 AM	11/28/2018 4:00:00 PM	Mercury	Total	<	17	ng/L	EPA 245.1	17	50	WKL	
MO-FIL	2018/19-1	Wet	11/22/2018 9:25:00 AM	11/29/2018 2:48:00 PM	Nickel	Dissolved	=	3.7	µg/L	EPA 200.8	0.045	0.8	WKL	
MO-FIL	2018/19-1	Wet	11/22/2018 9:25:00 AM	11/29/2018 2:52:00 PM	Nickel	Total	=	10	µg/L	EPA 200.8	0.045	0.8	WKL	
MO-FIL	2018/19-1	Wet	11/22/2018 9:25:00 AM	11/29/2018 2:48:00 PM	Selenium	Dissolved	=	2.5	µg/L	EPA 200.8	0.14	0.4	WKL	
MO-FIL	2018/19-1	Wet	11/22/2018 9:25:00 AM	11/29/2018 2:52:00 PM	Selenium	Total	=	3.1	µg/L	EPA 200.8	0.14	0.4	WKL	
MO-FIL	2018/19-1	Wet	11/22/2018 9:25:00 AM	11/29/2018 2:48:00 PM	Silver	Dissolved	<	0.062	µg/L	EPA 200.8	0.062	0.2	WKL	
MO-FIL	2018/19-1	Wet	11/22/2018 9:25:00 AM	11/29/2018 2:52:00 PM	Silver	Total	DNQ	0.13	µg/L	EPA 200.8	0.062	0.2	WKL	
MO-FIL	2018/19-1	Wet	11/22/2018 9:25:00 AM	11/29/2018 2:48:00 PM	Thallium	Dissolved	<	0.014	µg/L	EPA 200.8	0.014	0.2	WKL	
MO-FIL	2018/19-1	Wet	11/22/2018 9:25:00 AM	11/29/2018 2:52:00 PM	Thallium	Total	DNQ	0.084	µg/L	EPA 200.8	0.014	0.2	WKL	
MO-FIL	2018/19-1	Wet	11/22/2018 9:25:00 AM	11/29/2018 2:48:00 PM	Zinc	Dissolved	=	38	µg/L	EPA 200.8	0.94	5	WKL	
MO-FIL	2018/19-1	Wet	11/22/2018 9:25:00 AM	11/29/2018 2:52:00 PM	Zinc	Total	=	160	µg/L	EPA 200.8	0.94	5	WKL	
MO-FIL	2018/19-1	Wet	11/22/2018 9:25:00 AM	11/27/2018 4:38:00 PM	Ammonia as N	n/a	=	0.57	mg/L	EPA 350.1	0.048	0.1	WKL	
MO-FIL	2018/19-1	Wet	11/22/2018 9:25:00 AM	12/17/2018 1:08:00 PM	Nitrate + Nitrite as N	n/a	=	1.3	mg/L	EPA 353.2	0.083	0.2	WKL	
MO-FIL	2018/19-1	Wet	11/22/2018 9:25:00 AM	1/25/2019 2:54:00 PM	Phosphorus as P	Dissolved	=	0.44	mg/L	EPA 200.7	0.012	0.02	WKL	
MO-FIL	2018/19-1	Wet	11/22/2018 9:25:00 AM	1/25/2019 2:57:00 PM	Phosphorus as P	Total	=	0.81	mg/L	EPA 200.7	0.012	0.02	WKL	
MO-FIL	2018/19-1	Wet	11/22/2018 9:25:00 AM	11/29/2018 1:50:00 PM	TKN	n/a	=	2.4	mg/L	EPA 351.2	0.05	0.1	WKL	
MO-FIL	2018/19-1	Wet	11/22/2018 9:25:00 AM	12/29/2018 12:50:00 AM	1,2,4-Trichlorobenzene	n/a	<	2.8	µg/L	EPA 625	2.8	5	WKL	
MO-FIL	2018/19-1	Wet	11/22/2018 9:25:00 AM	12/29/2018 12:50:00 AM	1,2-Dichlorobenzene	n/a	<	2.8	µg/L	EPA 625	2.8	5	WKL	

Appendix G
Laboratory Environmental Analysis Results

Site ID	Event	Event Type	Sample Date	Analysis Date	Constituent	Fraction	Sign	Result	Units	Method	MDL	Reporting Limit	Analyzing Laboratory	Qualifier
MO-FIL	2018/19-1	Wet	11/22/2018 9:25:00 AM	12/29/2018 12:50:00 AM	1,2-Diphenylhydrazine	n/a	<	1.2	µg/L	EPA 625	1.2	5	WKL	
MO-FIL	2018/19-1	Wet	11/22/2018 9:25:00 AM	12/29/2018 12:50:00 AM	1,3-Dichlorobenzene	n/a	<	2.6	µg/L	EPA 625	2.6	5	WKL	
MO-FIL	2018/19-1	Wet	11/22/2018 9:25:00 AM	12/29/2018 12:50:00 AM	1,4-Dichlorobenzene	n/a	<	2.8	µg/L	EPA 625	2.8	5	WKL	
MO-FIL	2018/19-1	Wet	11/22/2018 9:25:00 AM	1/4/2019 7:24:00 AM	1-Methylnaphthalene	n/a	<	0.5	µg/L	EPA 8270C	0.5	0.5	WKL	
MO-FIL	2018/19-1	Wet	11/22/2018 9:25:00 AM	1/2/2019 9:29:00 PM	2,4,5-Trichlorophenol	n/a	<	1.4	µg/L	EPA 8270C	1.4	5	WKL	
MO-FIL	2018/19-1	Wet	11/22/2018 9:25:00 AM	1/2/2019 9:29:00 PM	2,4,6-Trichlorophenol	n/a	<	1.5	µg/L	EPA 8270C	1.5	5	WKL	
MO-FIL	2018/19-1	Wet	11/22/2018 9:25:00 AM	12/29/2018 12:50:00 AM	2,4,6-Trichlorophenol	n/a	<	1.1	µg/L	EPA 625	1.1	5	WKL	
MO-FIL	2018/19-1	Wet	11/22/2018 9:25:00 AM	12/29/2018 12:50:00 AM	2,4-Dichlorophenol	n/a	<	1.3	µg/L	EPA 625	1.3	5	WKL	
MO-FIL	2018/19-1	Wet	11/22/2018 9:25:00 AM	1/2/2019 9:29:00 PM	2,4-Dichlorophenol	n/a	<	2.6	µg/L	EPA 8270C	2.6	5	WKL	
MO-FIL	2018/19-1	Wet	11/22/2018 9:25:00 AM	12/29/2018 9:25:00 AM	2,4-Dimethylphenol	n/a	<	1.5	µg/L	EPA 625	1.5	5	WKL	
MO-FIL	2018/19-1	Wet	11/22/2018 9:25:00 AM	1/2/2019 9:29:00 PM	2,4-Dimethylphenol	n/a	<	5	µg/L	EPA 8270C	5	10	WKL	
MO-FIL	2018/19-1	Wet	11/22/2018 9:25:00 AM	12/29/2018 12:50:00 AM	2,4-Dinitrophenol	n/a	<	7.9	µg/L	EPA 625	7.9	50	WKL	
MO-FIL	2018/19-1	Wet	11/22/2018 9:25:00 AM	1/2/2019 9:29:00 PM	2,4-Dinitrophenol	n/a	<	5	µg/L	EPA 8270C	5	10	WKL	
MO-FIL	2018/19-1	Wet	11/22/2018 9:25:00 AM	12/29/2018 12:50:00 AM	2,4-Dinitrotoluene	n/a	<	0.9	µg/L	EPA 625	0.9	5	WKL	
MO-FIL	2018/19-1	Wet	11/22/2018 9:25:00 AM	12/29/2018 12:50:00 AM	2,6-Dinitrotoluene	n/a	<	1.4	µg/L	EPA 625	1.4	5	WKL	
MO-FIL	2018/19-1	Wet	11/22/2018 9:25:00 AM	12/29/2018 12:50:00 AM	2-Chloronaphthalene	n/a	<	2.2	µg/L	EPA 625	2.2	5	WKL	
MO-FIL	2018/19-1	Wet	11/22/2018 9:25:00 AM	1/2/2019 9:29:00 PM	2-Chlorophenol	n/a	<	3.2	µg/L	EPA 8270C	3.2	5	WKL	
MO-FIL	2018/19-1	Wet	11/22/2018 9:25:00 AM	12/29/2018 9:25:00 AM	2-Chlorophenol	n/a	<	1.4	µg/L	EPA 625	1.4	5	WKL	
MO-FIL	2018/19-1	Wet	11/22/2018 9:25:00 AM	1/4/2019 7:24:00 AM	2-Methylnaphthalene	n/a	<	0.5	µg/L	EPA 8270C	0.5	0.5	WKL	
MO-FIL	2018/19-1	Wet	11/22/2018 9:25:00 AM	1/2/2019 9:29:00 PM	2-Methylphenol	n/a	<	1.7	µg/L	EPA 8270C	1.7	5	WKL	
MO-FIL	2018/19-1	Wet	11/22/2018 9:25:00 AM	12/29/2018 12:50:00 AM	2-Nitrophenol	n/a	<	1.3	µg/L	EPA 625	1.3	5	WKL	
MO-FIL	2018/19-1	Wet	11/22/2018 9:25:00 AM	1/2/2019 9:29:00 PM	2-Nitrophenol	n/a	<	3.6	µg/L	EPA 8270C	3.6	5	WKL	
MO-FIL	2018/19-1	Wet	11/22/2018 9:25:00 AM	12/29/2018 12:50:00 AM	3,3'-Dichlorobenzidine	n/a	<	6	µg/L	EPA 625	6	25	WKL	
MO-FIL	2018/19-1	Wet	11/22/2018 9:25:00 AM	1/2/2019 9:29:00 PM	3-/4-Methylphenol	n/a	<	1.5	µg/L	EPA 8270C	1.5	5	WKL	
MO-FIL	2018/19-1	Wet	11/22/2018 9:25:00 AM	12/29/2018 12:50:00 AM	4,6-Dinitro-2-methylphenol	n/a	<	8.6	µg/L	EPA 625	8.6	25	WKL	
MO-FIL	2018/19-1	Wet	11/22/2018 9:25:00 AM	1/2/2019 9:29:00 PM	4,6-Dinitro-2-methylphenol	n/a	<	0.7	µg/L	EPA 8270C	0.7	5	WKL	
MO-FIL	2018/19-1	Wet	11/22/2018 9:25:00 AM	12/29/2018 12:50:00 AM	4-Bromophenyl phenyl ether	n/a	<	1.8	µg/L	EPA 625	1.8	5	WKL	
MO-FIL	2018/19-1	Wet	11/22/2018 9:25:00 AM	1/2/2019 9:29:00 PM	4-Chloro-3-methylphenol	n/a	<	1.8	µg/L	EPA 8270C	1.8	5	WKL	
MO-FIL	2018/19-1	Wet	11/22/2018 9:25:00 AM	12/29/2018 12:50:00 AM	4-Chloro-3-methylphenol	n/a	<	1.2	µg/L	EPA 625	1.2	5	WKL	
MO-FIL	2018/19-1	Wet	11/22/2018 9:25:00 AM	12/29/2018 12:50:00 AM	4-Chlorophenyl phenyl ether	n/a	<	2	µg/L	EPA 625	2	5	WKL	
MO-FIL	2018/19-1	Wet	11/22/2018 9:25:00 AM	12/29/2018 12:50:00 AM	4-Nitrophenol	n/a	<	2.2	µg/L	EPA 625	2.2	25	WKL	
MO-FIL	2018/19-1	Wet	11/22/2018 9:25:00 AM	1/2/2019 9:29:00 PM	4-Nitrophenol	n/a	<	5	µg/L	EPA 8270C	5	10	WKL	
MO-FIL	2018/19-1	Wet	11/22/2018 9:25:00 AM	12/29/2018 12:50:00 AM	Acenaphthene	n/a	<	1.9	µg/L	EPA 625	1.9	5	WKL	
MO-FIL	2018/19-1	Wet	11/22/2018 9:25:00 AM	1/4/2019 7:24:00 AM	Acenaphthene	n/a	<	0.5	µg/L	EPA 8270C	0.5	0.5	WKL	
MO-FIL	2018/19-1	Wet	11/22/2018 9:25:00 AM	1/4/2019 7:24:00 AM	Acenaphthylene	n/a	<	0.5	µg/L	EPA 8270C	0.5	0.5	WKL	
MO-FIL	2018/19-1	Wet	11/22/2018 9:25:00 AM	12/29/2018 12:50:00 AM	Acenaphthylene	n/a	<	2	µg/L	EPA 625	2	5	WKL	
MO-FIL	2018/19-1	Wet	11/22/2018 9:25:00 AM	12/29/2018 12:50:00 AM	Anthracene	n/a	<	1.7	µg/L	EPA 625	1.7	5	WKL	
MO-FIL	2018/19-1	Wet	11/22/2018 9:25:00 AM	1/4/2019 7:24:00 AM	Anthracene	n/a	<	0.5	µg/L	EPA 8270C	0.5	0.5	WKL	
MO-FIL	2018/19-1	Wet	11/22/2018 9:25:00 AM	1/4/2019 7:24:00 AM	Benz(a)anthracene	n/a	<	0.5	µg/L	EPA 8270C	0.5	0.5	WKL	
MO-FIL	2018/19-1	Wet	11/22/2018 9:25:00 AM	12/29/2018 12:50:00 AM	Benz(a)anthracene	n/a	<	0.95	µg/L	EPA 625	0.95	5	WKL	
MO-FIL	2018/19-1	Wet	11/22/2018 9:25:00 AM	12/29/2018 12:50:00 AM	Benzidine	n/a	<	18	µg/L	EPA 625	18	50	WKL	
MO-FIL	2018/19-1	Wet	11/22/2018 9:25:00 AM	12/14/2018 6:05:00 AM	Benzo(a)pyrene	n/a	<	0.14	µg/L	EPA 525.2	0.14	0.2	WKL	
MO-FIL	2018/19-1	Wet	11/22/2018 9:25:00 AM	12/29/2018 12:50:00 AM	Benzo(a)pyrene	n/a	<	0.65	µg/L	EPA 625	0.65	5	WKL	
MO-FIL	2018/19-1	Wet	11/22/2018 9:25:00 AM	1/4/2019 7:24:00 AM	Benzo(a)pyrene	n/a	<	0.5	µg/L	EPA 8270C	0.5	0.5	WKL	
MO-FIL	2018/19-1	Wet	11/22/2018 9:25:00 AM	12/29/2018 12:50:00 AM	Benzo(b)fluoranthene	n/a	<	0.7	µg/L	EPA 625	0.7	5	WKL	
MO-FIL	2018/19-1	Wet	11/22/2018 9:25:00 AM	1/4/2019 7:24:00 AM	Benzo(b)fluoranthene	n/a	<	0.5	µg/L	EPA 8270C	0.5	0.5	WKL	
MO-FIL	2018/19-1	Wet	11/22/2018 9:25:00 AM	1/4/2019 7:24:00 AM	Benzo(g,h,i)perylene	n/a	<	0.5	µg/L	EPA 8270C	0.5	0.5	WKL	
MO-FIL	2018/19-1	Wet	11/22/2018 9:25:00 AM	12/29/2018 12:50:00 AM	Benzo(g,h,i)perylene	n/a	<	0.5	µg/L	EPA 625	0.5	10	WKL	

Appendix G
Laboratory Environmental Analysis Results

Site ID	Event	Event Type	Sample Date	Analysis Date	Constituent	Fraction	Sign	Result	Units	Method	MDL	Reporting Limit	Analyzing Laboratory	Qualifier
MO-FIL	2018/19-1	Wet	11/22/2018 9:25:00 AM	12/29/2018 12:50:00 AM	Benzo(k)fluoranthene	n/a	<	1.1	µg/L	EPA 625	1.1	5	WKL	
MO-FIL	2018/19-1	Wet	11/22/2018 9:25:00 AM	1/4/2019 7:24:00 AM	Benzo(k)fluoranthene	n/a	<	0.5	µg/L	EPA 8270C	0.5	0.5	WKL	
MO-FIL	2018/19-1	Wet	11/22/2018 9:25:00 AM	12/29/2018 12:50:00 AM	Bis(2-chloroethoxy)methane	n/a	<	1.2	µg/L	EPA 625	1.2	5	WKL	
MO-FIL	2018/19-1	Wet	11/22/2018 9:25:00 AM	12/29/2018 12:50:00 AM	Bis(2-chloroethyl)ether	n/a	<	1.4	µg/L	EPA 625	1.4	5	WKL	
MO-FIL	2018/19-1	Wet	11/22/2018 9:25:00 AM	12/29/2018 12:50:00 AM	Bis(2-chloroisopropyl)ether	n/a	<	1.9	µg/L	EPA 625	1.9	5	WKL	
MO-FIL	2018/19-1	Wet	11/22/2018 9:25:00 AM	12/14/2018 6:05:00 AM	Bis(2-ethylhexyl)adipate	n/a	<	0.21	µg/L	EPA 525.2	0.21	10	WKL	
MO-FIL	2018/19-1	Wet	11/22/2018 9:25:00 AM	12/14/2018 6:05:00 AM	Bis(2-ethylhexyl)phthalate	n/a	<	2.1	µg/L	EPA 525.2	2.1	6	WKL	
MO-FIL	2018/19-1	Wet	11/22/2018 9:25:00 AM	12/29/2018 12:50:00 AM	Bis(2-ethylhexyl)phthalate	n/a	<	12	µg/L	EPA 625	12	25	WKL	
MO-FIL	2018/19-1	Wet	11/22/2018 9:25:00 AM	12/29/2018 12:50:00 AM	Butyl benzyl phthalate	n/a	DNQ	1.8	µg/L	EPA 625	0.9	5	WKL	UL-MB
MO-FIL	2018/19-1	Wet	11/22/2018 9:25:00 AM	1/4/2019 7:24:00 AM	Chrysene	n/a	<	0.5	µg/L	EPA 8270C	0.5	0.5	WKL	
MO-FIL	2018/19-1	Wet	11/22/2018 9:25:00 AM	12/29/2018 12:50:00 AM	Chrysene	n/a	<	0.95	µg/L	EPA 625	0.95	5	WKL	
MO-FIL	2018/19-1	Wet	11/22/2018 9:25:00 AM	12/29/2018 12:50:00 AM	Dibenz(a,h)anthracene	n/a	<	0.4	µg/L	EPA 625	0.4	10	WKL	
MO-FIL	2018/19-1	Wet	11/22/2018 9:25:00 AM	1/4/2019 7:24:00 AM	Dibenz(a,h)anthracene	n/a	<	0.5	µg/L	EPA 8270C	0.5	0.5	WKL	
MO-FIL	2018/19-1	Wet	11/22/2018 9:25:00 AM	12/29/2018 12:50:00 AM	Diethyl phthalate	n/a	<	0.75	µg/L	EPA 625	0.75	5	WKL	
MO-FIL	2018/19-1	Wet	11/22/2018 9:25:00 AM	12/29/2018 12:50:00 AM	Dimethyl phthalate	n/a	<	0.9	µg/L	EPA 625	0.9	5	WKL	
MO-FIL	2018/19-1	Wet	11/22/2018 9:25:00 AM	12/29/2018 12:50:00 AM	Di-n-butylphthalate	n/a	<	1.2	µg/L	EPA 625	1.2	5	WKL	
MO-FIL	2018/19-1	Wet	11/22/2018 9:25:00 AM	12/29/2018 12:50:00 AM	Di-n-octylphthalate	n/a	<	0.95	µg/L	EPA 625	0.95	5	WKL	
MO-FIL	2018/19-1	Wet	11/22/2018 9:25:00 AM	12/29/2018 9:25:00 AM	Fluoranthene	n/a	<	1.1	µg/L	EPA 625	1.1	5	WKL	
MO-FIL	2018/19-1	Wet	11/22/2018 9:25:00 AM	1/4/2019 7:24:00 AM	Fluoranthene	n/a	<	0.5	µg/L	EPA 8270C	0.5	0.5	WKL	
MO-FIL	2018/19-1	Wet	11/22/2018 9:25:00 AM	12/29/2018 12:50:00 AM	Fluorene	n/a	<	1.8	µg/L	EPA 625	1.8	5	WKL	
MO-FIL	2018/19-1	Wet	11/22/2018 9:25:00 AM	1/4/2019 7:24:00 AM	Fluorene	n/a	<	0.5	µg/L	EPA 8270C	0.5	0.5	WKL	
MO-FIL	2018/19-1	Wet	11/22/2018 9:25:00 AM	12/29/2018 12:50:00 AM	Hexachlorobenzene	n/a	<	2.4	µg/L	EPA 625	2.4	5	WKL	
MO-FIL	2018/19-1	Wet	11/22/2018 9:25:00 AM	12/29/2018 12:50:00 AM	Hexachlorobutadiene	n/a	<	2.4	µg/L	EPA 625	2.4	5	WKL	
MO-FIL	2018/19-1	Wet	11/22/2018 9:25:00 AM	12/29/2018 12:50:00 AM	Hexachlorocyclopentadiene	n/a	<	7.3	µg/L	EPA 625	7.3	25	WKL	
MO-FIL	2018/19-1	Wet	11/22/2018 9:25:00 AM	12/29/2018 12:50:00 AM	Hexachloroethane	n/a	<	2.6	µg/L	EPA 625	2.6	5	WKL	
MO-FIL	2018/19-1	Wet	11/22/2018 9:25:00 AM	12/29/2018 12:50:00 AM	Indeno(1,2,3-cd)pyrene	n/a	<	0.6	µg/L	EPA 625	0.6	10	WKL	
MO-FIL	2018/19-1	Wet	11/22/2018 9:25:00 AM	1/4/2019 7:24:00 AM	Indeno(1,2,3-cd)pyrene	n/a	<	0.5	µg/L	EPA 8270C	0.5	0.5	WKL	
MO-FIL	2018/19-1	Wet	11/22/2018 9:25:00 AM	12/29/2018 12:50:00 AM	Isophorone	n/a	<	1	µg/L	EPA 625	1	5	WKL	
MO-FIL	2018/19-1	Wet	11/22/2018 9:25:00 AM	12/29/2018 12:50:00 AM	Naphthalene	n/a	<	2.4	µg/L	EPA 625	2.4	5	WKL	
MO-FIL	2018/19-1	Wet	11/22/2018 9:25:00 AM	1/4/2019 7:24:00 AM	Naphthalene	n/a	<	0.5	µg/L	EPA 8270C	0.5	0.5	WKL	
MO-FIL	2018/19-1	Wet	11/22/2018 9:25:00 AM	12/29/2018 12:50:00 AM	Nitrobenzene	n/a	<	1.8	µg/L	EPA 625	1.8	5	WKL	
MO-FIL	2018/19-1	Wet	11/22/2018 9:25:00 AM	12/29/2018 12:50:00 AM	N-Nitrosodimethylamine	n/a	<	0.7	µg/L	EPA 625	0.7	5	WKL	
MO-FIL	2018/19-1	Wet	11/22/2018 9:25:00 AM	12/29/2018 12:50:00 AM	N-Nitrosodi-N-propylamine	n/a	<	1.3	µg/L	EPA 625	1.3	5	WKL	
MO-FIL	2018/19-1	Wet	11/22/2018 9:25:00 AM	12/29/2018 12:50:00 AM	N-Nitrosodiphenylamine	n/a	<	0.95	µg/L	EPA 625	0.95	5	WKL	
MO-FIL	2018/19-1	Wet	11/22/2018 9:25:00 AM	1/4/2019 7:24:00 AM	Phenanthrene	n/a	<	0.5	µg/L	EPA 8270C	0.5	0.5	WKL	
MO-FIL	2018/19-1	Wet	11/22/2018 9:25:00 AM	12/29/2018 12:50:00 AM	Phenanthrene	n/a	<	1.6	µg/L	EPA 625	1.6	5	WKL	
MO-FIL	2018/19-1	Wet	11/22/2018 9:25:00 AM	12/29/2018 12:50:00 AM	Phenol	n/a	<	0.8	µg/L	EPA 625	0.8	5	WKL	
MO-FIL	2018/19-1	Wet	11/22/2018 9:25:00 AM	1/2/2019 9:29:00 PM	Phenol	n/a	<	1.8	µg/L	EPA 8270C	1.8	5	WKL	
MO-FIL	2018/19-1	Wet	11/22/2018 9:25:00 AM	1/4/2019 7:24:00 AM	Pyrene	n/a	<	0.5	µg/L	EPA 8270C	0.5	0.5	WKL	
MO-FIL	2018/19-1	Wet	11/22/2018 9:25:00 AM	12/29/2018 12:50:00 AM	Pyrene	n/a	<	1.2	µg/L	EPA 625	1.2	5	WKL	
MO-FIL	2018/19-1	Wet	11/22/2018 9:25:00 AM	12/20/2018 6:47:00 AM	PCB Aroclor 1016	n/a	<	1	µg/L	EPA 608	1	10	WKL	
MO-FIL	2018/19-1	Wet	11/22/2018 9:25:00 AM	12/20/2018 6:47:00 AM	PCB Aroclor 1221	n/a	<	1.2	µg/L	EPA 608	1.2	10	WKL	
MO-FIL	2018/19-1	Wet	11/22/2018 9:25:00 AM	12/20/2018 6:47:00 AM	PCB Aroclor 1232	n/a	<	3	µg/L	EPA 608	3	10	WKL	
MO-FIL	2018/19-1	Wet	11/22/2018 9:25:00 AM	12/20/2018 6:47:00 AM	PCB Aroclor 1242	n/a	<	1.4	µg/L	EPA 608	1.4	10	WKL	
MO-FIL	2018/19-1	Wet	11/22/2018 9:25:00 AM	12/20/2018 6:47:00 AM	PCB Aroclor 1248	n/a	<	1.2	µg/L	EPA 608	1.2	10	WKL	
MO-FIL	2018/19-1	Wet	11/22/2018 9:25:00 AM	12/20/2018 6:47:00 AM	PCB Aroclor 1254	n/a	<	0.8	µg/L	EPA 608	0.8	10	WKL	
MO-FIL	2018/19-1	Wet	11/22/2018 9:25:00 AM	12/20/2018 6:47:00 AM	PCB Aroclor 1260	n/a	<	0.8	µg/L	EPA 608	0.8	10	WKL	
MO-FIL	2018/19-1	Wet	11/22/2018 9:25:00 AM	12/15/2018 5:12:00 AM	2,4,5-T	n/a	<	0.07	µg/L	EPA 515.3	0.07	0.2	WKL	

Appendix G
Laboratory Environmental Analysis Results

Site ID	Event	Event Type	Sample Date	Analysis Date	Constituent	Fraction	Sign	Result	Units	Method	MDL	Reporting Limit	Analyzing Laboratory	Qualifier
MO-FIL	2018/19-1	Wet	11/22/2018 9:25:00 AM	12/15/2018 5:12:00 AM	2,4,5-TP	n/a	<	0.09	µg/L	EPA 515.3	0.09	0.2	WKL	
MO-FIL	2018/19-1	Wet	11/22/2018 9:25:00 AM	12/15/2018 5:12:00 AM	2,4-D	n/a	<	0.07	µg/L	EPA 515.3	0.07	0.4	WKL	
MO-FIL	2018/19-1	Wet	11/22/2018 9:25:00 AM	12/15/2018 5:12:00 AM	2,4-DB	n/a	DNQ	0.91	µg/L	EPA 515.3	0.07	2	WKL	
MO-FIL	2018/19-1	Wet	11/22/2018 9:25:00 AM	12/15/2018 5:12:00 AM	3,5-Dichlorobenzoic acid	n/a	<	0.09	µg/L	EPA 515.3	0.09	1	WKL	
MO-FIL	2018/19-1	Wet	11/22/2018 9:25:00 AM	12/20/2018 6:47:00 AM	4,4'-DDD	n/a	<	0.06	µg/L	EPA 608	0.06	1	WKL	
MO-FIL	2018/19-1	Wet	11/22/2018 9:25:00 AM	12/20/2018 6:47:00 AM	4,4'-DDE	n/a	<	0.05	µg/L	EPA 608	0.05	1	WKL	
MO-FIL	2018/19-1	Wet	11/22/2018 9:25:00 AM	12/20/2018 6:47:00 AM	4,4'-DDT	n/a	<	0.062	µg/L	EPA 608	0.062	0.2	WKL	
MO-FIL	2018/19-1	Wet	11/22/2018 9:25:00 AM	12/15/2018 5:12:00 AM	Acifluorfen	n/a	<	0.06	µg/L	EPA 515.3	0.06	0.4	WKL	
MO-FIL	2018/19-1	Wet	11/22/2018 9:25:00 AM	12/14/2018 6:05:00 AM	Alachlor	n/a	<	0.044	µg/L	EPA 525.2	0.044	0.2	WKL	
MO-FIL	2018/19-1	Wet	11/22/2018 9:25:00 AM	12/20/2018 6:47:00 AM	Aldrin	n/a	<	0.03	µg/L	EPA 608	0.03	0.1	WKL	
MO-FIL	2018/19-1	Wet	11/22/2018 9:25:00 AM	12/20/2018 6:47:00 AM	alpha-BHC	n/a	<	0.036	µg/L	EPA 608	0.036	0.2	WKL	
MO-FIL	2018/19-1	Wet	11/22/2018 9:25:00 AM	12/20/2018 6:47:00 AM	alpha-Chlordane	n/a	<	0.082	µg/L	EPA 608	0.082	0.2	WKL	
MO-FIL	2018/19-1	Wet	11/22/2018 9:25:00 AM	12/14/2018 6:05:00 AM	Atrazine	n/a	<	0.068	µg/L	EPA 525.2	0.068	0.2	WKL	
MO-FIL	2018/19-1	Wet	11/22/2018 9:25:00 AM	12/12/2018 7:44:00 AM	Azinphos methyl	n/a	<	0.011	µg/L	EPA 525.2m	0.011	0.02	WKL	
MO-FIL	2018/19-1	Wet	11/22/2018 9:25:00 AM	12/15/2018 5:12:00 AM	Bentazon	n/a	<	0.11	µg/L	EPA 515.3	0.11	2	WKL	
MO-FIL	2018/19-1	Wet	11/22/2018 9:25:00 AM	12/20/2018 6:47:00 AM	beta-BHC	n/a	<	0.062	µg/L	EPA 608	0.062	0.1	WKL	
MO-FIL	2018/19-1	Wet	11/22/2018 9:25:00 AM	12/12/2018 7:44:00 AM	Bolstar	n/a	<	0.0092	µg/L	EPA 525.2m	0.0092	0.02	WKL	
MO-FIL	2018/19-1	Wet	11/22/2018 9:25:00 AM	12/14/2018 6:05:00 AM	Bromacil	n/a	<	0.076	µg/L	EPA 525.2	0.076	2	WKL	
MO-FIL	2018/19-1	Wet	11/22/2018 9:25:00 AM	12/14/2018 6:05:00 AM	Butachlor	n/a	<	0.034	µg/L	EPA 525.2	0.034	0.4	WKL	
MO-FIL	2018/19-1	Wet	11/22/2018 9:25:00 AM	12/14/2018 6:05:00 AM	Captan	n/a	<	1.7	µg/L	EPA 525.2	1.7	2	WKL	
MO-FIL	2018/19-1	Wet	11/22/2018 9:25:00 AM	12/20/2018 6:47:00 AM	Chlordane (technical)	n/a	<	1.6	µg/L	EPA 608	1.6	2	WKL	
MO-FIL	2018/19-1	Wet	11/22/2018 9:25:00 AM	12/14/2018 6:05:00 AM	Chlorpropham	n/a	<	0.02	µg/L	EPA 525.2	0.02	0.2	WKL	
MO-FIL	2018/19-1	Wet	11/22/2018 9:25:00 AM	12/12/2018 7:44:00 AM	Chlorpyrifos	n/a	<	0.014	µg/L	EPA 525.2m	0.014	0.02	WKL	
MO-FIL	2018/19-1	Wet	11/22/2018 9:25:00 AM	12/12/2018 7:44:00 AM	Coumaphos	n/a	<	0.01	µg/L	EPA 525.2m	0.01	0.02	WKL	
MO-FIL	2018/19-1	Wet	11/22/2018 9:25:00 AM	12/14/2018 6:05:00 AM	Cyanazine	n/a	<	0.048	µg/L	EPA 525.2	0.048	0.2	WKL	
MO-FIL	2018/19-1	Wet	11/22/2018 9:25:00 AM	12/15/2018 5:12:00 AM	Dalapon	n/a	<	0.1	µg/L	EPA 515.3	0.1	0.4	WKL	
MO-FIL	2018/19-1	Wet	11/22/2018 9:25:00 AM	12/15/2018 5:12:00 AM	DCCA (Dacthal)	n/a	<	0.07	µg/L	EPA 515.3	0.07	0.1	WKL	
MO-FIL	2018/19-1	Wet	11/22/2018 9:25:00 AM	12/20/2018 6:47:00 AM	delta-BHC	n/a	<	0.05	µg/L	EPA 608	0.05	0.1	WKL	
MO-FIL	2018/19-1	Wet	11/22/2018 9:25:00 AM	12/12/2018 7:44:00 AM	Demeton-O	n/a	<	0.02	µg/L	EPA 525.2m	0.02	0.02	WKL	
MO-FIL	2018/19-1	Wet	11/22/2018 9:25:00 AM	12/12/2018 7:44:00 AM	Demeton-S	n/a	<	0.02	µg/L	EPA 525.2m	0.02	0.02	WKL	
MO-FIL	2018/19-1	Wet	11/22/2018 9:25:00 AM	12/14/2018 6:05:00 AM	Diazinon	n/a	<	0.19	µg/L	EPA 525.2	0.19	0.2	WKL	
MO-FIL	2018/19-1	Wet	11/22/2018 9:25:00 AM	12/12/2018 7:44:00 AM	Diazinon	n/a	<	0.01	µg/L	EPA 525.2m	0.01	0.02	WKL	
MO-FIL	2018/19-1	Wet	11/22/2018 9:25:00 AM	12/15/2018 5:12:00 AM	Dicamba	n/a	<	0.12	µg/L	EPA 515.3	0.12	0.6	WKL	
MO-FIL	2018/19-1	Wet	11/22/2018 9:25:00 AM	12/15/2018 5:12:00 AM	Dichlorprop	n/a	<	0.08	µg/L	EPA 515.3	0.08	0.3	WKL	
MO-FIL	2018/19-1	Wet	11/22/2018 9:25:00 AM	12/12/2018 7:44:00 AM	Dichlorvos	n/a	DNQ	0.018	µg/L	EPA 525.2m	0.0058	0.02	WKL	
MO-FIL	2018/19-1	Wet	11/22/2018 9:25:00 AM	12/20/2018 6:47:00 AM	Dieldrin	n/a	<	0.042	µg/L	EPA 608	0.042	0.2	WKL	
MO-FIL	2018/19-1	Wet	11/22/2018 9:25:00 AM	12/14/2018 6:05:00 AM	Dimethoate	n/a	<	0.048	µg/L	EPA 525.2	0.048	0.4	WKL	
MO-FIL	2018/19-1	Wet	11/22/2018 9:25:00 AM	12/12/2018 7:44:00 AM	Dimethoate	n/a	<	0.012	µg/L	EPA 525.2m	0.012	0.02	WKL	
MO-FIL	2018/19-1	Wet	11/22/2018 9:25:00 AM	12/15/2018 5:12:00 AM	Dinoseb	n/a	<	0.14	µg/L	EPA 515.3	0.14	0.4	WKL	
MO-FIL	2018/19-1	Wet	11/22/2018 9:25:00 AM	12/14/2018 6:05:00 AM	Diphenamid	n/a	<	0.048	µg/L	EPA 525.2	0.048	0.2	WKL	
MO-FIL	2018/19-1	Wet	11/22/2018 9:25:00 AM	12/14/2018 6:05:00 AM	Disulfoton	n/a	<	0.062	µg/L	EPA 525.2	0.062	0.2	WKL	
MO-FIL	2018/19-1	Wet	11/22/2018 9:25:00 AM	12/12/2018 7:44:00 AM	Disulfoton	n/a	<	0.02	µg/L	EPA 525.2m	0.02	0.02	WKL	
MO-FIL	2018/19-1	Wet	11/22/2018 9:25:00 AM	12/20/2018 6:47:00 AM	Endosulfan I	n/a	<	0.034	µg/L	EPA 608	0.034	0.4	WKL	
MO-FIL	2018/19-1	Wet	11/22/2018 9:25:00 AM	12/20/2018 6:47:00 AM	Endosulfan II	n/a	<	0.038	µg/L	EPA 608	0.038	0.2	WKL	
MO-FIL	2018/19-1	Wet	11/22/2018 9:25:00 AM	12/20/2018 6:47:00 AM	Endosulfan sulfate	n/a	<	0.16	µg/L	EPA 608	0.16	1	WKL	
MO-FIL	2018/19-1	Wet	11/22/2018 9:25:00 AM	12/20/2018 6:47:00 AM	Endrin	n/a	<	0.056	µg/L	EPA 608	0.056	0.2	WKL	
MO-FIL	2018/19-1	Wet	11/22/2018 9:25:00 AM	12/20/2018 6:47:00 AM	Endrin aldehyde	n/a	<	0.06	µg/L	EPA 608	0.06	0.2	WKL	
MO-FIL	2018/19-1	Wet	11/22/2018 9:25:00 AM	12/14/2018 6:05:00 AM	EPTC	n/a	<	0.034	µg/L	EPA 525.2	0.034	2	WKL	

Appendix G
Laboratory Environmental Analysis Results

Site ID	Event	Event Type	Sample Date	Analysis Date	Constituent	Fraction	Sign	Result	Units	Method	MDL	Reporting Limit	Analyzing Laboratory	Qualifier
MO-FIL	2018/19-1	Wet	11/22/2018 9:25:00 AM	12/12/2018 7:44:00 AM	Ethoprop	n/a	<	0.013	µg/L	EPA 525.2m	0.013	0.02	WKL	
MO-FIL	2018/19-1	Wet	11/22/2018 9:25:00 AM	12/12/2018 7:44:00 AM	Ethyl parathion	n/a	<	0.011	µg/L	EPA 525.2m	0.011	0.02	WKL	
MO-FIL	2018/19-1	Wet	11/22/2018 9:25:00 AM	12/12/2018 7:44:00 AM	Fensulfothion	n/a	<	0.0058	µg/L	EPA 525.2m	0.0058	0.02	WKL	
MO-FIL	2018/19-1	Wet	11/22/2018 9:25:00 AM	12/12/2018 7:44:00 AM	Fenthion	n/a	<	0.0076	µg/L	EPA 525.2m	0.0076	0.02	WKL	
MO-FIL	2018/19-1	Wet	11/22/2018 9:25:00 AM	12/20/2018 6:47:00 AM	gamma-BHC (Lindane)	n/a	<	0.042	µg/L	EPA 608	0.042	0.4	WKL	
MO-FIL	2018/19-1	Wet	11/22/2018 9:25:00 AM	12/20/2018 6:47:00 AM	gamma-Chlordane	n/a	<	0.088	µg/L	EPA 608	0.088	0.2	WKL	
MO-FIL	2018/19-1	Wet	11/22/2018 9:25:00 AM	11/29/2018 12:51:00 AM	Glyphosate	n/a	DNQ	37	µg/L	EPA 547	18	50	WKL	
MO-FIL	2018/19-1	Wet	11/22/2018 9:25:00 AM	12/20/2018 6:47:00 AM	Heptachlor	n/a	<	0.034	µg/L	EPA 608	0.034	0.2	WKL	
MO-FIL	2018/19-1	Wet	11/22/2018 9:25:00 AM	12/20/2018 6:47:00 AM	Heptachlor epoxide	n/a	<	0.038	µg/L	EPA 608	0.038	0.2	WKL	
MO-FIL	2018/19-1	Wet	11/22/2018 9:25:00 AM	12/12/2018 7:44:00 AM	Malathion	n/a	DNQ	0.016	µg/L	EPA 525.2m	0.015	0.02	WKL	
MO-FIL	2018/19-1	Wet	11/22/2018 9:25:00 AM	12/12/2018 7:44:00 AM	Merphos	n/a	<	0.012	µg/L	EPA 525.2m	0.012	0.02	WKL	
MO-FIL	2018/19-1	Wet	11/22/2018 9:25:00 AM	12/20/2018 6:47:00 AM	Methoxychlor	n/a	<	0.11	µg/L	EPA 608	0.11	0.4	WKL	
MO-FIL	2018/19-1	Wet	11/22/2018 9:25:00 AM	12/12/2018 7:44:00 AM	Methyl parathion	n/a	<	0.013	µg/L	EPA 525.2m	0.013	0.02	WKL	
MO-FIL	2018/19-1	Wet	11/22/2018 9:25:00 AM	12/14/2018 6:05:00 AM	Metolachlor	n/a	<	0.024	µg/L	EPA 525.2	0.024	0.2	WKL	
MO-FIL	2018/19-1	Wet	11/22/2018 9:25:00 AM	12/14/2018 6:05:00 AM	Metribuzin	n/a	<	0.4	µg/L	EPA 525.2	0.4	0.4	WKL	
MO-FIL	2018/19-1	Wet	11/22/2018 9:25:00 AM	12/12/2018 7:44:00 AM	Mevinphos	n/a	<	0.0084	µg/L	EPA 525.2m	0.0084	0.02	WKL	
MO-FIL	2018/19-1	Wet	11/22/2018 9:25:00 AM	12/14/2018 6:05:00 AM	Molinate	n/a	<	0.078	µg/L	EPA 525.2	0.078	0.2	WKL	
MO-FIL	2018/19-1	Wet	11/22/2018 9:25:00 AM	12/12/2018 7:44:00 AM	Naled	n/a	<	0.015	µg/L	EPA 525.2m	0.015	0.02	WKL	
MO-FIL	2018/19-1	Wet	11/22/2018 9:25:00 AM	12/15/2018 5:12:00 AM	Pentachlorophenol	n/a	DNQ	0.1	µg/L	EPA 515.3	0.04	0.2	WKL	
MO-FIL	2018/19-1	Wet	11/22/2018 9:25:00 AM	12/29/2018 12:50:00 AM	Pentachlorophenol	n/a	<	0.95	µg/L	EPA 625	0.95	5	WKL	
MO-FIL	2018/19-1	Wet	11/22/2018 9:25:00 AM	1/2/2019 9:29:00 PM	Pentachlorophenol	n/a	<	0.75	µg/L	EPA 8270C	0.75	5	WKL	
MO-FIL	2018/19-1	Wet	11/22/2018 9:25:00 AM	12/12/2018 7:44:00 AM	Phorate	n/a	<	0.006	µg/L	EPA 525.2m	0.006	0.02	WKL	
MO-FIL	2018/19-1	Wet	11/22/2018 9:25:00 AM	12/15/2018 5:12:00 AM	Picloram	n/a	<	0.05	µg/L	EPA 515.3	0.05	0.6	WKL	
MO-FIL	2018/19-1	Wet	11/22/2018 9:25:00 AM	12/14/2018 6:05:00 AM	Prometon	n/a	<	0.048	µg/L	EPA 525.2	0.048	0.4	WKL	
MO-FIL	2018/19-1	Wet	11/22/2018 9:25:00 AM	12/14/2018 6:05:00 AM	Prometryn	n/a	<	0.072	µg/L	EPA 525.2	0.072	0.2	WKL	
MO-FIL	2018/19-1	Wet	11/22/2018 9:25:00 AM	12/12/2018 7:44:00 AM	Ronnel (Fenchlorphos)	n/a	<	0.0082	µg/L	EPA 525.2m	0.0082	0.02	WKL	
MO-FIL	2018/19-1	Wet	11/22/2018 9:25:00 AM	12/14/2018 6:05:00 AM	Simazine	n/a	=	0.29	µg/L	EPA 525.2	0.03	0.2	WKL	
MO-FIL	2018/19-1	Wet	11/22/2018 9:25:00 AM	12/12/2018 7:44:00 AM	Stirophos (Tetrachlorvinphos)	n/a	<	0.0062	µg/L	EPA 525.2m	0.0062	0.02	WKL	
MO-FIL	2018/19-1	Wet	11/22/2018 9:25:00 AM	12/14/2018 6:05:00 AM	Terbacil	n/a	<	1.1	µg/L	EPA 525.2	1.1	4	WKL	
MO-FIL	2018/19-1	Wet	11/22/2018 9:25:00 AM	12/14/2018 6:05:00 AM	Thiobencarb	n/a	<	0.05	µg/L	EPA 525.2	0.05	0.4	WKL	
MO-FIL	2018/19-1	Wet	11/22/2018 9:25:00 AM	12/12/2018 7:44:00 AM	Tokuthion	n/a	<	0.016	µg/L	EPA 525.2m	0.016	0.02	WKL	
MO-FIL	2018/19-1	Wet	11/22/2018 9:25:00 AM	12/20/2018 6:47:00 AM	Toxaphene	n/a	<	2.4	µg/L	EPA 608	2.4	10	WKL	
MO-FIL	2018/19-1	Wet	11/22/2018 9:25:00 AM	12/12/2018 7:44:00 AM	Trichloronate	n/a	<	0.013	µg/L	EPA 525.2m	0.013	0.02	WKL	
MO-FIL	2018/19-1	Wet	11/22/2018 9:25:00 AM	12/14/2018 6:05:00 AM	Trithion	n/a	<	0.024	µg/L	EPA 525.2	0.024	0.2	WKL	
MO-FIL	2018/19-2	Wet	11/29/2018 2:55:00 AM	11/30/2018 4:05:00 AM	E. Coli	n/a	=	68670	MPN/100 mL	MMO-MUG	100	100	VCHCA	
MO-FIL	2018/19-2	Wet	11/29/2018 2:55:00 AM	11/30/2018 4:05:00 AM	Total Coliform	n/a	=	224700	MPN/100 mL	MMO-MUG	1000	1000	VCHCA	
MO-FIL	2018/19-2	Wet	11/29/2018 2:55:00 AM	11/29/2018 2:55:00 AM	Conductivity	n/a	=	160	µmhos/cm	Field Meter	-88	1	Field Crew	
MO-FIL	2018/19-2	Wet	11/29/2018 2:55:00 AM	12/11/2018 8:10:00 PM	Cyanide	Total	DNQ	0.0011	mg/L	ASTM D7511	0.0005	0.002	WKL	
MO-FIL	2018/19-2	Wet	11/29/2018 2:55:00 AM	11/29/2018 2:55:00 AM	DO	n/a	=	62.7	%	Field Meter	-88	0.1	Field Crew	
MO-FIL	2018/19-2	Wet	11/29/2018 2:55:00 AM	11/29/2018 2:55:00 AM	DO	n/a	=	6.1	mg/L	Field Meter	-88	0.3	Field Crew	
MO-FIL	2018/19-2	Wet	11/29/2018 2:55:00 AM	11/29/2018 2:55:00 AM	pH	n/a	=	7.46	pH Units	Field Meter	-88	0.01	Field Crew	
MO-FIL	2018/19-2	Wet	11/29/2018 2:55:00 AM	11/29/2018 2:55:00 AM	Salinity	n/a	=	100	mg/L	Field Meter	-88	100	Field Crew	
MO-FIL	2018/19-2	Wet	11/29/2018 2:55:00 AM	11/29/2018 2:55:00 AM	Specific Conductance	n/a	=	194	µmhos/cm	Field Meter	-88	1	Field Crew	
MO-FIL	2018/19-2	Wet	11/29/2018 2:55:00 AM	11/29/2018 2:55:00 AM	Temperature	n/a	=	20.4	°C	Field Meter	-88	0.1	Field Crew	
MO-FIL	2018/19-2	Wet	11/29/2018 2:55:00 AM	12/1/2018 10:02:00 AM	Gasoline Range Organics	n/a	<	0.012	mg/L	LUFT GC/MS	0.012	0.1	WKL	
MO-FIL	2018/19-2	Wet	11/29/2018 2:55:00 AM	12/14/2018 4:48:00 PM	Oil and Grease	n/a	<	1.3	mg/L	EPA 1664A	1.3	5	WKL	
MO-FIL	2018/19-2	Wet	11/29/2018 2:55:00 AM	12/3/2018 7:45:00 PM	2-Chloroethyl vinyl ether	n/a	<	0.28	µg/L	EPA 624	0.28	1	WKL	
MO-FIL	2018/19-2	Wet	11/29/2018 2:55:00 AM	12/3/2018 7:45:00 PM	Methyl tert-butyl ether (MTBE)	n/a	<	0.25	µg/L	EPA 624	0.25	1	WKL	

Appendix G
Laboratory Environmental Analysis Results

Site ID	Event	Event Type	Sample Date	Analysis Date	Constituent	Fraction	Sign	Result	Units	Method	MDL	Reporting Limit	Analyzing Laboratory	Qualifier
MO-FIL	2018/19-2	Wet	11/29/2018 12:50:00 PM	12/4/2018	Chloride	n/a	=	16	mg/L	EPA 300.0	0.1	0.5	WKL	
MO-FIL	2018/19-2	Wet	11/29/2018 12:50:00 PM	12/4/2018	Fluoride	n/a	=	0.12	mg/L	EPA 300.0	0.02	0.1	WKL	
MO-FIL	2018/19-2	Wet	11/29/2018 12:50:00 PM	12/2/2018 5:57:00 AM	Perchlorate	n/a	=	7.1	µg/L	EPA 314.0	0.95	2	WKL	
MO-FIL	2018/19-2	Wet	11/29/2018 12:50:00 PM	12/4/2018	Sulfate	Total	=	69	mg/L	EPA 300.0	0.1	0.5	WKL	
MO-FIL	2018/19-2	Wet	11/29/2018 12:50:00 PM	12/11/2018 1:09:00 PM	Calcium	Total	=	31.7	mg/L	EPA 200.7	0.016	0.1	WKL	
MO-FIL	2018/19-2	Wet	11/29/2018 12:50:00 PM	12/11/2018 1:09:00 PM	Magnesium	Total	=	7.34	mg/L	EPA 200.7	0.012	0.1	WKL	
MO-FIL	2018/19-2	Wet	11/29/2018 12:50:00 PM	12/11/2018 1:09:00 PM	Potassium	Total	=	5.6	mg/L	EPA 200.7	0.081	0.1	WKL	
MO-FIL	2018/19-2	Wet	11/29/2018 12:50:00 PM	12/11/2018 1:09:00 PM	Sodium	Total	=	15	mg/L	EPA 200.7	0.015	0.5	WKL	
MO-FIL	2018/19-2	Wet	11/29/2018 12:50:00 PM	12/6/2018 2:32:00 PM	Alkalinity as CaCO3	n/a	=	50	mg/L	SM 2320 B	0.56	2	WKL	
MO-FIL	2018/19-2	Wet	11/29/2018 12:50:00 PM	12/5/2018 8:39:00 PM	BOD	n/a	=	21	mg/L	SM 5210 B	2	2	WKL	
MO-FIL	2018/19-2	Wet	11/29/2018 12:50:00 PM	12/5/2018 4:19:00 PM	COD	n/a	=	69	mg/L	EPA 410.4	0.73	5	WKL	
MO-FIL	2018/19-2	Wet	11/29/2018 12:50:00 PM	12/20/2018 9:28:00 AM	Dissolved Inorganic Carbon	Dissolved	=	13	mg/L	SM 5310 B	0.016	0.5	WKL	
MO-FIL	2018/19-2	Wet	11/29/2018 12:50:00 PM	12/18/2018 1:32:00 PM	Dissolved Organic Carbon	Dissolved	=	12	mg/L	SM 5310 B	0.013	0.3	WKL	
MO-FIL	2018/19-2	Wet	11/29/2018 12:50:00 PM	12/11/2018 1:09:00 PM	Hardness as CaCO3	Total	=	109	mg/L	EPA 200.7	0.0894	0.662	WKL	
MO-FIL	2018/19-2	Wet	11/29/2018 12:50:00 PM	11/30/2018 7:22:00 PM	MBAS	n/a	=	0.2	mg/L	SM 5540 C	0.019	0.05	WKL	
MO-FIL	2018/19-2	Wet	11/29/2018 12:50:00 PM	12/19/2018 5:56:00 PM	Phenolics	n/a	=	0.012	mg/L	EPA 420.4	0.0042	0.01	WKL	
MO-FIL	2018/19-2	Wet	11/29/2018 12:50:00 PM	12/19/2018 12:12:00 PM	Specific Conductance	n/a	=	300	µmhos/cm	SM 2510 B	0.23	2	WKL	
MO-FIL	2018/19-2	Wet	11/29/2018 12:50:00 PM	12/1/2018 10:20:00 PM	Total Chlorine Residual	n/a	=	0.053	mg/L	SM 4500-Cl G	0.0015	0.05	WKL	EST-HT
MO-FIL	2018/19-2	Wet	11/29/2018 12:50:00 PM	12/6/2018 5:33:00 PM	Total Dissolved Solids	n/a	=	190	mg/L	SM 2540 C	4	10	WKL	
MO-FIL	2018/19-2	Wet	11/29/2018 12:50:00 PM	12/10/2018 8:52:00 AM	Total Organic Carbon	n/a	=	14	mg/L	SM 5310 B	0.009	0.3	WKL	
MO-FIL	2018/19-2	Wet	11/29/2018 12:50:00 PM	12/3/2018 11:39:00 AM	Total Suspended Solids	n/a	=	140	mg/L	SM 2540 D	-88	5	WKL	
MO-FIL	2018/19-2	Wet	11/29/2018 12:50:00 PM	11/30/2018 5:37:00 PM	Turbidity	n/a	=	36	NTU	EPA 180.1	0.024	0.1	WKL	
MO-FIL	2018/19-2	Wet	11/29/2018 12:50:00 PM	12/3/2018 11:39:00 AM	Volatile Suspended Solids	n/a	=	50	mg/L	EPA 160.4	3.1	5	WKL	
MO-FIL	2018/19-2	Wet	11/29/2018 12:50:00 PM	12/19/2018 2:03:00 AM	Diesel Range Organics	n/a	=	0.26	mg/L	EPA 8015D	0.048	0.2	WKL	
MO-FIL	2018/19-2	Wet	11/29/2018 12:50:00 PM	12/19/2018 2:03:00 AM	Oil Range Organics	n/a	<	0.66	mg/L	EPA 8015D	0.66	1	WKL	
MO-FIL	2018/19-2	Wet	11/29/2018 12:50:00 PM	12/12/2018 1:26:00 PM	Aluminum	Dissolved	=	22	µg/L	EPA 200.8	1.3	5	WKL	
MO-FIL	2018/19-2	Wet	11/29/2018 12:50:00 PM	12/12/2018 2:15:00 PM	Aluminum	Total	=	1900	µg/L	EPA 200.8	1.3	5	WKL	
MO-FIL	2018/19-2	Wet	11/29/2018 12:50:00 PM	12/12/2018 1:26:00 PM	Antimony	Dissolved	=	0.69	µg/L	EPA 200.8	0.045	0.5	WKL	
MO-FIL	2018/19-2	Wet	11/29/2018 12:50:00 PM	12/12/2018 2:15:00 PM	Antimony	Total	=	1.3	µg/L	EPA 200.8	0.045	0.5	WKL	
MO-FIL	2018/19-2	Wet	11/29/2018 12:50:00 PM	12/12/2018 1:26:00 PM	Arsenic	Dissolved	=	1.3	µg/L	EPA 200.8	0.074	0.4	WKL	
MO-FIL	2018/19-2	Wet	11/29/2018 12:50:00 PM	12/12/2018 2:15:00 PM	Arsenic	Total	=	2.5	µg/L	EPA 200.8	0.074	0.4	WKL	
MO-FIL	2018/19-2	Wet	11/29/2018 12:50:00 PM	12/12/2018 2:15:00 PM	Barium	Total	=	53	µg/L	EPA 200.8	0.071	0.5	WKL	
MO-FIL	2018/19-2	Wet	11/29/2018 12:50:00 PM	12/12/2018 1:26:00 PM	Beryllium	Dissolved	<	0.033	µg/L	EPA 200.8	0.033	0.1	WKL	
MO-FIL	2018/19-2	Wet	11/29/2018 12:50:00 PM	12/12/2018 2:15:00 PM	Beryllium	Total	DNQ	0.087	µg/L	EPA 200.8	0.033	0.1	WKL	
MO-FIL	2018/19-2	Wet	11/29/2018 12:50:00 PM	12/12/2018 2:15:00 PM	Cadmium	Dissolved	=	0.26	µg/L	EPA 200.8	0.041	0.1	WKL	
MO-FIL	2018/19-2	Wet	11/29/2018 12:50:00 PM	12/12/2018 2:15:00 PM	Cadmium	Total	=	1.5	µg/L	EPA 200.8	0.041	0.1	WKL	
MO-FIL	2018/19-2	Wet	11/29/2018 12:50:00 PM	12/12/2018 1:26:00 PM	Chromium	Dissolved	=	1.2	µg/L	EPA 200.8	0.035	0.2	WKL	
MO-FIL	2018/19-2	Wet	11/29/2018 12:50:00 PM	12/12/2018 2:15:00 PM	Chromium	Total	=	6.6	µg/L	EPA 200.8	0.035	0.2	WKL	
MO-FIL	2018/19-2	Wet	11/29/2018 12:50:00 PM	12/13/2018 2:54:00 PM	Chromium VI	n/a	=	0.78	µg/L	EPA 218.6	0.048	0.2	WKL	
MO-FIL	2018/19-2	Wet	11/29/2018 12:50:00 PM	12/12/2018 1:26:00 PM	Copper	Dissolved	=	8.7	µg/L	EPA 200.8	0.13	0.5	WKL	
MO-FIL	2018/19-2	Wet	11/29/2018 12:50:00 PM	12/12/2018 2:15:00 PM	Copper	Total	=	22	µg/L	EPA 200.8	0.13	0.5	WKL	
MO-FIL	2018/19-2	Wet	11/29/2018 12:50:00 PM	12/11/2018 12:31:00 PM	Iron	Dissolved	=	38	µg/L	EPA 200.7	1.1	10	WKL	
MO-FIL	2018/19-2	Wet	11/29/2018 12:50:00 PM	12/11/2018 1:09:00 PM	Iron	Total	=	3300	µg/L	EPA 200.7	1.1	10	WKL	
MO-FIL	2018/19-2	Wet	11/29/2018 12:50:00 PM	12/12/2018 1:26:00 PM	Lead	Dissolved	DNQ	0.11	µg/L	EPA 200.8	0.031	0.2	WKL	
MO-FIL	2018/19-2	Wet	11/29/2018 12:50:00 PM	12/12/2018 2:15:00 PM	Lead	Total	=	4.4	µg/L	EPA 200.8	0.031	0.2	WKL	
MO-FIL	2018/19-2	Wet	11/29/2018 12:50:00 PM	12/10/2018 2:26:00 PM	Mercury	Dissolved	<	17	ng/L	EPA 245.1	17	50	WKL	
MO-FIL	2018/19-2	Wet	11/29/2018 12:50:00 PM	12/10/2018 2:28:00 PM	Mercury	Total	DNQ	23	ng/L	EPA 245.1	17	50	WKL	
MO-FIL	2018/19-2	Wet	11/29/2018 12:50:00 PM	12/12/2018 1:26:00 PM	Nickel	Dissolved	=	2.9	µg/L	EPA 200.8	0.045	0.8	WKL	

Appendix G
Laboratory Environmental Analysis Results

Site ID	Event	Event Type	Sample Date	Analysis Date	Constituent	Fraction	Sign	Result	Units	Method	MDL	Reporting Limit	Analyzing Laboratory	Qualifier
MO-FIL	2018/19-2	Wet	11/29/2018 12:50:00 PM	12/12/2018 2:15:00 PM	Nickel	Total	=	11	µg/L	EPA 200.8	0.045	0.8	WKL	
MO-FIL	2018/19-2	Wet	11/29/2018 12:50:00 PM	12/12/2018 1:26:00 PM	Selenium	Dissolved	=	1.1	µg/L	EPA 200.8	0.14	0.4	WKL	
MO-FIL	2018/19-2	Wet	11/29/2018 12:50:00 PM	12/12/2018 2:15:00 PM	Selenium	Total	=	1.6	µg/L	EPA 200.8	0.14	0.4	WKL	
MO-FIL	2018/19-2	Wet	11/29/2018 12:50:00 PM	12/12/2018 1:26:00 PM	Silver	Dissolved	<	0.062	µg/L	EPA 200.8	0.062	0.2	WKL	
MO-FIL	2018/19-2	Wet	11/29/2018 12:50:00 PM	12/12/2018 2:15:00 PM	Silver	Total	DNQ	0.077	µg/L	EPA 200.8	0.062	0.2	WKL	
MO-FIL	2018/19-2	Wet	11/29/2018 12:50:00 PM	12/12/2018 1:26:00 PM	Thallium	Dissolved	<	0.014	µg/L	EPA 200.8	0.014	0.2	WKL	
MO-FIL	2018/19-2	Wet	11/29/2018 12:50:00 PM	12/12/2018 2:15:00 PM	Thallium	Total	DNQ	0.13	µg/L	EPA 200.8	0.014	0.2	WKL	
MO-FIL	2018/19-2	Wet	11/29/2018 12:50:00 PM	12/12/2018 1:26:00 PM	Zinc	Dissolved	=	33	µg/L	EPA 200.8	0.94	5	WKL	
MO-FIL	2018/19-2	Wet	11/29/2018 12:50:00 PM	12/12/2018 2:15:00 PM	Zinc	Total	=	120	µg/L	EPA 200.8	0.94	5	WKL	
MO-FIL	2018/19-2	Wet	11/29/2018 12:50:00 PM	12/11/2018 3:32:00 PM	Ammonia as N	n/a	=	0.52	mg/L	EPA 350.1	0.048	0.1	WKL	
MO-FIL	2018/19-2	Wet	11/29/2018 12:50:00 PM	12/21/2018 11:02:00 AM	Nitrate + Nitrite as N	n/a	=	0.94	mg/L	EPA 353.2	0.083	0.2	WKL	
MO-FIL	2018/19-2	Wet	11/29/2018 12:50:00 PM	1/17/2019 5:18:00 PM	Phosphorus as P	Dissolved	=	0.31	mg/L	EPA 200.7	0.012	0.02	WKL	
MO-FIL	2018/19-2	Wet	11/29/2018 12:50:00 PM	1/17/2019 5:23:00 PM	Phosphorus as P	Total	=	0.6	mg/L	EPA 200.7	0.012	0.02	WKL	
MO-FIL	2018/19-2	Wet	11/29/2018 12:50:00 PM	12/18/2018 3:13:00 PM	TKN	n/a	=	1.5	mg/L	EPA 351.2	0.05	0.1	WKL	
MO-FIL	2018/19-2	Wet	11/29/2018 12:50:00 PM	1/7/2019 3:51:00 AM	1,2,4-Trichlorobenzene	n/a	<	1.1	µg/L	EPA 625	1.1	2	WKL	
MO-FIL	2018/19-2	Wet	11/29/2018 12:50:00 PM	1/7/2019 3:51:00 AM	1,2-Dichlorobenzene	n/a	<	1.1	µg/L	EPA 625	1.1	2	WKL	
MO-FIL	2018/19-2	Wet	11/29/2018 12:50:00 PM	1/7/2019 3:51:00 AM	1,2-Diphenylhydrazine	n/a	<	0.5	µg/L	EPA 625	0.5	2	WKL	
MO-FIL	2018/19-2	Wet	11/29/2018 12:50:00 PM	1/7/2019 3:51:00 AM	1,3-Dichlorobenzene	n/a	<	1.1	µg/L	EPA 625	1.1	2	WKL	
MO-FIL	2018/19-2	Wet	11/29/2018 12:50:00 PM	1/7/2019 3:51:00 AM	1,4-Dichlorobenzene	n/a	<	1.1	µg/L	EPA 625	1.1	2	WKL	
MO-FIL	2018/19-2	Wet	11/29/2018 12:50:00 PM	1/11/2019 11:58:00 PM	1-Methylnaphthalene	n/a	<	0.5	µg/L	EPA 8270C	0.5	0.5	WKL	
MO-FIL	2018/19-2	Wet	11/29/2018 12:50:00 PM	1/11/2019 4:28:00 AM	2,4,5-Trichlorophenol	n/a	<	1.4	µg/L	EPA 8270C	1.4	5	WKL	
MO-FIL	2018/19-2	Wet	11/29/2018 12:50:00 PM	1/7/2019 3:51:00 AM	2,4,6-Trichlorophenol	n/a	<	0.44	µg/L	EPA 625	0.44	2	WKL	
MO-FIL	2018/19-2	Wet	11/29/2018 12:50:00 PM	1/11/2019 4:28:00 AM	2,4,6-Trichlorophenol	n/a	<	1.5	µg/L	EPA 8270C	1.5	5	WKL	
MO-FIL	2018/19-2	Wet	11/29/2018 12:50:00 PM	1/11/2019 4:28:00 AM	2,4-Dichlorophenol	n/a	<	2.6	µg/L	EPA 8270C	2.6	5	WKL	
MO-FIL	2018/19-2	Wet	11/29/2018 12:50:00 PM	1/7/2019 3:51:00 AM	2,4-Dichlorophenol	n/a	<	0.52	µg/L	EPA 625	0.52	2	WKL	
MO-FIL	2018/19-2	Wet	11/29/2018 12:50:00 PM	1/11/2019 4:28:00 AM	2,4-Dimethylphenol	n/a	<	5	µg/L	EPA 8270C	5	10	WKL	
MO-FIL	2018/19-2	Wet	11/29/2018 12:50:00 PM	1/7/2019 3:51:00 AM	2,4-Dimethylphenol	n/a	<	0.6	µg/L	EPA 625	0.6	2	WKL	
MO-FIL	2018/19-2	Wet	11/29/2018 12:50:00 PM	1/11/2019 4:28:00 AM	2,4-Dinitrophenol	n/a	<	5	µg/L	EPA 8270C	5	10	WKL	
MO-FIL	2018/19-2	Wet	11/29/2018 12:50:00 PM	1/7/2019 3:51:00 AM	2,4-Dinitrophenol	n/a	<	3.2	µg/L	EPA 625	3.2	20	WKL	
MO-FIL	2018/19-2	Wet	11/29/2018 12:50:00 PM	1/7/2019 3:51:00 AM	2,4-Dinitrotoluene	n/a	<	0.36	µg/L	EPA 625	0.36	2	WKL	
MO-FIL	2018/19-2	Wet	11/29/2018 12:50:00 PM	1/7/2019 3:51:00 AM	2,6-Dinitrotoluene	n/a	<	0.54	µg/L	EPA 625	0.54	2	WKL	
MO-FIL	2018/19-2	Wet	11/29/2018 12:50:00 PM	1/7/2019 3:51:00 AM	2-Chloronaphthalene	n/a	<	0.9	µg/L	EPA 625	0.9	2	WKL	
MO-FIL	2018/19-2	Wet	11/29/2018 12:50:00 PM	1/7/2019 3:51:00 AM	2-Chlorophenol	n/a	<	0.56	µg/L	EPA 625	0.56	2	WKL	
MO-FIL	2018/19-2	Wet	11/29/2018 12:50:00 PM	1/11/2019 4:28:00 AM	2-Chlorophenol	n/a	<	3.2	µg/L	EPA 8270C	3.2	5	WKL	
MO-FIL	2018/19-2	Wet	11/29/2018 12:50:00 PM	1/11/2019 11:58:00 PM	2-Methylnaphthalene	n/a	<	0.5	µg/L	EPA 8270C	0.5	0.5	WKL	
MO-FIL	2018/19-2	Wet	11/29/2018 12:50:00 PM	1/11/2019 4:28:00 AM	2-Methylphenol	n/a	<	1.7	µg/L	EPA 8270C	1.7	5	WKL	
MO-FIL	2018/19-2	Wet	11/29/2018 12:50:00 PM	1/11/2019 4:28:00 AM	2-Nitrophenol	n/a	<	3.6	µg/L	EPA 8270C	3.6	5	WKL	
MO-FIL	2018/19-2	Wet	11/29/2018 12:50:00 PM	1/7/2019 3:51:00 AM	2-Nitrophenol	n/a	<	0.52	µg/L	EPA 625	0.52	2	WKL	
MO-FIL	2018/19-2	Wet	11/29/2018 12:50:00 PM	1/7/2019 3:51:00 AM	3,3'-Dichlorobenzidine	n/a	<	2.4	µg/L	EPA 625	2.4	10	WKL	
MO-FIL	2018/19-2	Wet	11/29/2018 12:50:00 PM	1/11/2019 4:28:00 AM	3-/4-Methylphenol	n/a	<	1.5	µg/L	EPA 8270C	1.5	5	WKL	
MO-FIL	2018/19-2	Wet	11/29/2018 12:50:00 PM	1/11/2019 4:28:00 AM	4,6-Dinitro-2-methylphenol	n/a	DNQ	2.3	µg/L	EPA 8270C	0.7	5	WKL	
MO-FIL	2018/19-2	Wet	11/29/2018 12:50:00 PM	1/7/2019 3:51:00 AM	4,6-Dinitro-2-methylphenol	n/a	<	3.4	µg/L	EPA 625	3.4	10	WKL	
MO-FIL	2018/19-2	Wet	11/29/2018 12:50:00 PM	1/7/2019 3:51:00 AM	4-Bromophenyl phenyl ether	n/a	<	0.72	µg/L	EPA 625	0.72	2	WKL	
MO-FIL	2018/19-2	Wet	11/29/2018 12:50:00 PM	1/11/2019 4:28:00 AM	4-Chloro-3-methylphenol	n/a	<	1.8	µg/L	EPA 8270C	1.8	5	WKL	
MO-FIL	2018/19-2	Wet	11/29/2018 12:50:00 PM	1/7/2019 3:51:00 AM	4-Chloro-3-methylphenol	n/a	<	0.46	µg/L	EPA 625	0.46	2	WKL	
MO-FIL	2018/19-2	Wet	11/29/2018 12:50:00 PM	1/7/2019 3:51:00 AM	4-Chlorophenyl phenyl ether	n/a	<	0.82	µg/L	EPA 625	0.82	2	WKL	
MO-FIL	2018/19-2	Wet	11/29/2018 12:50:00 PM	1/7/2019 3:51:00 AM	4-Nitrophenol	n/a	<	0.9	µg/L	EPA 625	0.9	10	WKL	
MO-FIL	2018/19-2	Wet	11/29/2018 12:50:00 PM	1/11/2019 4:28:00 AM	4-Nitrophenol	n/a	<	5	µg/L	EPA 8270C	5	10	WKL	

Appendix G
Laboratory Environmental Analysis Results

Site ID	Event	Event Type	Sample Date	Analysis Date	Constituent	Fraction	Sign	Result	Units	Method	MDL	Reporting Limit	Analyzing Laboratory	Qualifier
MO-FIL	2018/19-2	Wet	11/29/2018 12:50:00 PM	1/7/2019 3:51:00 AM	Acenaphthene	n/a	<	0.76	µg/L	EPA 625	0.76	2	WKL	
MO-FIL	2018/19-2	Wet	11/29/2018 12:50:00 PM	1/11/2019 11:58:00 PM	Acenaphthene	n/a	<	0.5	µg/L	EPA 8270C	0.5	0.5	WKL	
MO-FIL	2018/19-2	Wet	11/29/2018 12:50:00 PM	1/7/2019 3:51:00 AM	Acenaphthylene	n/a	<	0.8	µg/L	EPA 625	0.8	2	WKL	
MO-FIL	2018/19-2	Wet	11/29/2018 12:50:00 PM	1/11/2019 11:58:00 PM	Acenaphthylene	n/a	<	0.5	µg/L	EPA 8270C	0.5	0.5	WKL	
MO-FIL	2018/19-2	Wet	11/29/2018 12:50:00 PM	1/7/2019 3:51:00 AM	Anthracene	n/a	<	0.68	µg/L	EPA 625	0.68	2	WKL	
MO-FIL	2018/19-2	Wet	11/29/2018 12:50:00 PM	1/11/2019 11:58:00 PM	Anthracene	n/a	<	0.5	µg/L	EPA 8270C	0.5	0.5	WKL	
MO-FIL	2018/19-2	Wet	11/29/2018 12:50:00 PM	1/7/2019 3:51:00 AM	Benz(a)anthracene	n/a	<	0.38	µg/L	EPA 625	0.38	2	WKL	
MO-FIL	2018/19-2	Wet	11/29/2018 12:50:00 PM	1/11/2019 11:58:00 PM	Benz(a)anthracene	n/a	<	0.5	µg/L	EPA 8270C	0.5	0.5	WKL	
MO-FIL	2018/19-2	Wet	11/29/2018 12:50:00 PM	1/7/2019 3:51:00 AM	Benzenidine	n/a	<	7.3	µg/L	EPA 625	7.3	20	WKL	
MO-FIL	2018/19-2	Wet	11/29/2018 12:50:00 PM	1/7/2019 3:51:00 AM	Benzo(a)pyrene	n/a	<	0.26	µg/L	EPA 625	0.26	2	WKL	
MO-FIL	2018/19-2	Wet	11/29/2018 12:50:00 PM	12/14/2018 9:09:00 PM	Benzo(a)pyrene	n/a	<	0.14	µg/L	EPA 525.2	0.14	0.2	WKL	
MO-FIL	2018/19-2	Wet	11/29/2018 12:50:00 PM	1/11/2019 11:58:00 PM	Benzo(a)pyrene	n/a	<	0.5	µg/L	EPA 8270C	0.5	0.5	WKL	
MO-FIL	2018/19-2	Wet	11/29/2018 12:50:00 PM	1/11/2019 11:58:00 PM	Benzo(b)fluoranthene	n/a	<	0.5	µg/L	EPA 8270C	0.5	0.5	WKL	
MO-FIL	2018/19-2	Wet	11/29/2018 12:50:00 PM	1/7/2019 3:51:00 AM	Benzo(b)fluoranthene	n/a	<	0.28	µg/L	EPA 625	0.28	2	WKL	
MO-FIL	2018/19-2	Wet	11/29/2018 12:50:00 PM	1/11/2019 11:58:00 PM	Benzo(g,h,i)perylene	n/a	<	0.5	µg/L	EPA 8270C	0.5	0.5	WKL	
MO-FIL	2018/19-2	Wet	11/29/2018 12:50:00 PM	1/7/2019 3:51:00 AM	Benzo(g,h,i)perylene	n/a	<	0.2	µg/L	EPA 625	0.2	4	WKL	
MO-FIL	2018/19-2	Wet	11/29/2018 12:50:00 PM	1/11/2019 11:58:00 PM	Benzo(k)fluoranthene	n/a	<	0.5	µg/L	EPA 8270C	0.5	0.5	WKL	
MO-FIL	2018/19-2	Wet	11/29/2018 12:50:00 PM	1/7/2019 3:51:00 AM	Benzo(k)fluoranthene	n/a	<	0.44	µg/L	EPA 625	0.44	2	WKL	
MO-FIL	2018/19-2	Wet	11/29/2018 12:50:00 PM	1/7/2019 3:51:00 AM	Bis(2-chloroethoxy)methane	n/a	<	0.5	µg/L	EPA 625	0.5	2	WKL	
MO-FIL	2018/19-2	Wet	11/29/2018 12:50:00 PM	1/7/2019 3:51:00 AM	Bis(2-chloroethyl)ether	n/a	<	0.54	µg/L	EPA 625	0.54	2	WKL	
MO-FIL	2018/19-2	Wet	11/29/2018 12:50:00 PM	1/7/2019 3:51:00 AM	Bis(2-chloroisopropyl)ether	n/a	<	0.76	µg/L	EPA 625	0.76	2	WKL	
MO-FIL	2018/19-2	Wet	11/29/2018 12:50:00 PM	12/14/2018 9:09:00 PM	Bis(2-ethylhexyl)adipate	n/a	<	0.21	µg/L	EPA 525.2	0.21	10	WKL	
MO-FIL	2018/19-2	Wet	11/29/2018 12:50:00 PM	1/7/2019 3:51:00 AM	Bis(2-ethylhexyl)phthalate	n/a	<	4.6	µg/L	EPA 625	4.6	10	WKL	
MO-FIL	2018/19-2	Wet	11/29/2018 12:50:00 PM	12/14/2018 9:09:00 PM	Bis(2-ethylhexyl)phthalate	n/a	<	2.1	µg/L	EPA 525.2	2.1	6	WKL	
MO-FIL	2018/19-2	Wet	11/29/2018 12:50:00 PM	1/7/2019 3:51:00 AM	Butyl benzyl phthalate	n/a	DNQ	0.56	µg/L	EPA 625	0.36	2	WKL	UL-MB
MO-FIL	2018/19-2	Wet	11/29/2018 12:50:00 PM	1/7/2019 3:51:00 AM	Chrysene	n/a	<	0.38	µg/L	EPA 625	0.38	2	WKL	
MO-FIL	2018/19-2	Wet	11/29/2018 12:50:00 PM	1/11/2019 11:58:00 PM	Chrysene	n/a	<	0.5	µg/L	EPA 8270C	0.5	0.5	WKL	
MO-FIL	2018/19-2	Wet	11/29/2018 12:50:00 PM	1/7/2019 3:51:00 AM	Dibenz(a,h)anthracene	n/a	<	0.16	µg/L	EPA 625	0.16	4	WKL	
MO-FIL	2018/19-2	Wet	11/29/2018 12:50:00 PM	1/11/2019 11:58:00 PM	Dibenz(a,h)anthracene	n/a	<	0.5	µg/L	EPA 8270C	0.5	0.5	WKL	
MO-FIL	2018/19-2	Wet	11/29/2018 12:50:00 PM	1/7/2019 3:51:00 AM	Diethyl phthalate	n/a	<	0.3	µg/L	EPA 625	0.3	2	WKL	
MO-FIL	2018/19-2	Wet	11/29/2018 12:50:00 PM	1/7/2019 3:51:00 AM	Dimethyl phthalate	n/a	<	0.36	µg/L	EPA 625	0.36	2	WKL	
MO-FIL	2018/19-2	Wet	11/29/2018 12:50:00 PM	1/7/2019 3:51:00 AM	Di-n-butylphthalate	n/a	<	0.48	µg/L	EPA 625	0.48	2	WKL	
MO-FIL	2018/19-2	Wet	11/29/2018 12:50:00 PM	1/7/2019 3:51:00 AM	Di-n-octylphthalate	n/a	<	0.38	µg/L	EPA 625	0.38	2	WKL	
MO-FIL	2018/19-2	Wet	11/29/2018 12:50:00 PM	1/7/2019 3:51:00 AM	Fluoranthene	n/a	<	0.44	µg/L	EPA 625	0.44	2	WKL	
MO-FIL	2018/19-2	Wet	11/29/2018 12:50:00 PM	1/11/2019 11:58:00 PM	Fluoranthene	n/a	<	0.5	µg/L	EPA 8270C	0.5	0.5	WKL	
MO-FIL	2018/19-2	Wet	11/29/2018 12:50:00 PM	1/11/2019 11:58:00 PM	Fluorene	n/a	<	0.5	µg/L	EPA 8270C	0.5	0.5	WKL	
MO-FIL	2018/19-2	Wet	11/29/2018 12:50:00 PM	1/7/2019 3:51:00 AM	Fluorene	n/a	<	0.7	µg/L	EPA 625	0.7	2	WKL	
MO-FIL	2018/19-2	Wet	11/29/2018 12:50:00 PM	1/7/2019 3:51:00 AM	Hexachlorobenzene	n/a	<	0.98	µg/L	EPA 625	0.98	2	WKL	
MO-FIL	2018/19-2	Wet	11/29/2018 12:50:00 PM	1/7/2019 3:51:00 AM	Hexachlorobutadiene	n/a	<	0.94	µg/L	EPA 625	0.94	2	WKL	
MO-FIL	2018/19-2	Wet	11/29/2018 12:50:00 PM	1/7/2019 3:51:00 AM	Hexachlorocyclopentadiene	n/a	<	2.9	µg/L	EPA 625	2.9	10	WKL	
MO-FIL	2018/19-2	Wet	11/29/2018 12:50:00 PM	1/7/2019 3:51:00 AM	Hexachloroethane	n/a	<	1	µg/L	EPA 625	1	2	WKL	
MO-FIL	2018/19-2	Wet	11/29/2018 12:50:00 PM	1/7/2019 3:51:00 AM	Indeno(1,2,3-cd)pyrene	n/a	<	0.24	µg/L	EPA 625	0.24	4	WKL	
MO-FIL	2018/19-2	Wet	11/29/2018 12:50:00 PM	1/11/2019 11:58:00 PM	Indeno(1,2,3-cd)pyrene	n/a	<	0.5	µg/L	EPA 8270C	0.5	0.5	WKL	
MO-FIL	2018/19-2	Wet	11/29/2018 12:50:00 PM	1/7/2019 3:51:00 AM	Isophorone	n/a	<	0.42	µg/L	EPA 625	0.42	2	WKL	
MO-FIL	2018/19-2	Wet	11/29/2018 12:50:00 PM	1/7/2019 3:51:00 AM	Naphthalene	n/a	<	0.98	µg/L	EPA 625	0.98	2	WKL	
MO-FIL	2018/19-2	Wet	11/29/2018 12:50:00 PM	1/11/2019 11:58:00 PM	Naphthalene	n/a	<	0.5	µg/L	EPA 8270C	0.5	0.5	WKL	
MO-FIL	2018/19-2	Wet	11/29/2018 12:50:00 PM	1/7/2019 3:51:00 AM	Nitrobenzene	n/a	<	0.72	µg/L	EPA 625	0.72	2	WKL	
MO-FIL	2018/19-2	Wet	11/29/2018 12:50:00 PM	1/7/2019 3:51:00 AM	N-Nitrosodimethylamine	n/a	<	0.28	µg/L	EPA 625	0.28	2	WKL	

Appendix G
Laboratory Environmental Analysis Results

Site ID	Event	Event Type	Sample Date	Analysis Date	Constituent	Fraction	Sign	Result	Units	Method	MDL	Reporting Limit	Analyzing Laboratory	Qualifier
MO-FIL	2018/19-2	Wet	11/29/2018 12:50:00 PM	1/7/2019 3:51:00 AM	N-Nitrosodi-N-propylamine	n/a	<	0.52	µg/L	EPA 625	0.52	2	WKL	
MO-FIL	2018/19-2	Wet	11/29/2018 12:50:00 PM	1/7/2019 3:51:00 AM	N-Nitrosodiphenylamine	n/a	<	0.38	µg/L	EPA 625	0.38	2	WKL	
MO-FIL	2018/19-2	Wet	11/29/2018 12:50:00 PM	1/7/2019 3:51:00 AM	Phenanthrene	n/a	<	0.64	µg/L	EPA 625	0.64	2	WKL	
MO-FIL	2018/19-2	Wet	11/29/2018 12:50:00 PM	1/11/2019 11:58:00 PM	Phenanthrene	n/a	<	0.5	µg/L	EPA 8270C	0.5	0.5	WKL	
MO-FIL	2018/19-2	Wet	11/29/2018 12:50:00 PM	1/7/2019 3:51:00 AM	Phenol	n/a	<	0.32	µg/L	EPA 625	0.32	2	WKL	
MO-FIL	2018/19-2	Wet	11/29/2018 12:50:00 PM	1/11/2019 11:58:00 PM	Pyrene	n/a	<	0.5	µg/L	EPA 8270C	0.5	0.5	WKL	
MO-FIL	2018/19-2	Wet	11/29/2018 12:50:00 PM	1/7/2019 3:51:00 AM	Pyrene	n/a	<	0.5	µg/L	EPA 625	0.5	2	WKL	
MO-FIL	2018/19-2	Wet	11/29/2018 12:50:00 PM	1/12/2019 1:00:00 PM	PCB Aroclor 1016	n/a	<	1	µg/L	EPA 608	1	10	WKL	
MO-FIL	2018/19-2	Wet	11/29/2018 12:50:00 PM	1/12/2019 1:00:00 PM	PCB Aroclor 1221	n/a	<	1.2	µg/L	EPA 608	1.2	10	WKL	
MO-FIL	2018/19-2	Wet	11/29/2018 12:50:00 PM	1/12/2019 1:00:00 PM	PCB Aroclor 1232	n/a	<	3	µg/L	EPA 608	3	10	WKL	
MO-FIL	2018/19-2	Wet	11/29/2018 12:50:00 PM	1/12/2019 1:00:00 PM	PCB Aroclor 1242	n/a	<	1.4	µg/L	EPA 608	1.4	10	WKL	
MO-FIL	2018/19-2	Wet	11/29/2018 12:50:00 PM	1/12/2019 1:00:00 PM	PCB Aroclor 1248	n/a	<	1.2	µg/L	EPA 608	1.2	10	WKL	
MO-FIL	2018/19-2	Wet	11/29/2018 12:50:00 PM	1/12/2019 1:00:00 PM	PCB Aroclor 1254	n/a	<	0.8	µg/L	EPA 608	0.8	10	WKL	
MO-FIL	2018/19-2	Wet	11/29/2018 12:50:00 PM	1/12/2019 1:00:00 PM	PCB Aroclor 1260	n/a	<	0.8	µg/L	EPA 608	0.8	10	WKL	
MO-FIL	2018/19-2	Wet	11/29/2018 12:50:00 PM	12/27/2018 9:23:00 PM	2,4,5-T	n/a	<	0.07	µg/L	EPA 515.3	0.07	0.2	WKL	
MO-FIL	2018/19-2	Wet	11/29/2018 12:50:00 PM	12/27/2018 9:23:00 PM	2,4,5-TP	n/a	<	0.09	µg/L	EPA 515.3	0.09	0.2	WKL	
MO-FIL	2018/19-2	Wet	11/29/2018 12:50:00 PM	12/27/2018 9:23:00 PM	2,4-D	n/a	<	0.07	µg/L	EPA 515.3	0.07	0.4	WKL	
MO-FIL	2018/19-2	Wet	11/29/2018 12:50:00 PM	12/27/2018 9:23:00 PM	2,4-DB	n/a	DNQ	0.77	µg/L	EPA 515.3	0.07	2	WKL	
MO-FIL	2018/19-2	Wet	11/29/2018 12:50:00 PM	12/27/2018 9:23:00 PM	3,5-Dichlorobenzoic acid	n/a	<	0.09	µg/L	EPA 515.3	0.09	1	WKL	
MO-FIL	2018/19-2	Wet	11/29/2018 12:50:00 PM	1/12/2019 1:00:00 PM	4,4'-DDD	n/a	<	0.06	µg/L	EPA 608	0.06	1	WKL	
MO-FIL	2018/19-2	Wet	11/29/2018 12:50:00 PM	1/12/2019 1:00:00 PM	4,4'-DDE	n/a	<	0.05	µg/L	EPA 608	0.05	1	WKL	
MO-FIL	2018/19-2	Wet	11/29/2018 12:50:00 PM	1/12/2019 1:00:00 PM	4,4'-DDT	n/a	<	0.062	µg/L	EPA 608	0.062	0.2	WKL	
MO-FIL	2018/19-2	Wet	11/29/2018 12:50:00 PM	12/27/2018 9:23:00 PM	Acifluorfen	n/a	<	0.06	µg/L	EPA 515.3	0.06	0.4	WKL	
MO-FIL	2018/19-2	Wet	11/29/2018 12:50:00 PM	12/14/2018 9:09:00 PM	Alachlor	n/a	<	0.044	µg/L	EPA 525.2	0.044	0.2	WKL	
MO-FIL	2018/19-2	Wet	11/29/2018 12:50:00 PM	1/12/2019 1:00:00 PM	Aldrin	n/a	<	0.03	µg/L	EPA 608	0.03	0.1	WKL	
MO-FIL	2018/19-2	Wet	11/29/2018 12:50:00 PM	1/12/2019 1:00:00 PM	alpha-BHC	n/a	<	0.036	µg/L	EPA 608	0.036	0.2	WKL	
MO-FIL	2018/19-2	Wet	11/29/2018 12:50:00 PM	1/12/2019 1:00:00 PM	alpha-Chlordane	n/a	<	0.082	µg/L	EPA 608	0.082	0.2	WKL	
MO-FIL	2018/19-2	Wet	11/29/2018 12:50:00 PM	12/14/2018 9:09:00 PM	Atrazine	n/a	<	0.068	µg/L	EPA 525.2	0.068	0.2	WKL	
MO-FIL	2018/19-2	Wet	11/29/2018 12:50:00 PM	12/19/2018 8:08:00 PM	Azinphos methyl	n/a	<	0.011	µg/L	EPA 525.2m	0.011	0.02	WKL	
MO-FIL	2018/19-2	Wet	11/29/2018 12:50:00 PM	12/27/2018 9:23:00 PM	Bentazon	n/a	<	0.11	µg/L	EPA 515.3	0.11	2	WKL	
MO-FIL	2018/19-2	Wet	11/29/2018 12:50:00 PM	1/12/2019 1:00:00 PM	beta-BHC	n/a	<	0.062	µg/L	EPA 608	0.062	0.1	WKL	
MO-FIL	2018/19-2	Wet	11/29/2018 12:50:00 PM	12/19/2018 8:08:00 PM	Bolstar	n/a	<	0.0092	µg/L	EPA 525.2m	0.0092	0.02	WKL	
MO-FIL	2018/19-2	Wet	11/29/2018 12:50:00 PM	12/14/2018 9:09:00 PM	Bromacil	n/a	<	0.076	µg/L	EPA 525.2	0.076	2	WKL	
MO-FIL	2018/19-2	Wet	11/29/2018 12:50:00 PM	12/14/2018 9:09:00 PM	Butachlor	n/a	<	0.034	µg/L	EPA 525.2	0.034	0.4	WKL	
MO-FIL	2018/19-2	Wet	11/29/2018 12:50:00 PM	12/14/2018 9:09:00 PM	Captan	n/a	<	1.7	µg/L	EPA 525.2	1.7	2	WKL	
MO-FIL	2018/19-2	Wet	11/29/2018 12:50:00 PM	1/12/2019 1:00:00 PM	Chlordane (technical)	n/a	<	1.6	µg/L	EPA 608	1.6	2	WKL	
MO-FIL	2018/19-2	Wet	11/29/2018 12:50:00 PM	12/14/2018 9:09:00 PM	Chloroprotham	n/a	<	0.02	µg/L	EPA 525.2	0.02	0.2	WKL	
MO-FIL	2018/19-2	Wet	11/29/2018 12:50:00 PM	12/19/2018 8:08:00 PM	Chlorpyrifos	n/a	<	0.014	µg/L	EPA 525.2m	0.014	0.02	WKL	
MO-FIL	2018/19-2	Wet	11/29/2018 12:50:00 PM	12/19/2018 8:08:00 PM	Coumaphos	n/a	<	0.01	µg/L	EPA 525.2m	0.01	0.02	WKL	
MO-FIL	2018/19-2	Wet	11/29/2018 12:50:00 PM	12/14/2018 9:09:00 PM	Cyanazine	n/a	<	0.048	µg/L	EPA 525.2	0.048	0.2	WKL	
MO-FIL	2018/19-2	Wet	11/29/2018 12:50:00 PM	12/27/2018 9:23:00 PM	Dalapon	n/a	<	0.1	µg/L	EPA 515.3	0.1	0.4	WKL	
MO-FIL	2018/19-2	Wet	11/29/2018 12:50:00 PM	12/27/2018 9:23:00 PM	DCPA (Dacthal)	n/a	<	0.07	µg/L	EPA 515.3	0.07	0.1	WKL	
MO-FIL	2018/19-2	Wet	11/29/2018 12:50:00 PM	1/12/2019 1:00:00 PM	delta-BHC	n/a	<	0.05	µg/L	EPA 608	0.05	0.1	WKL	
MO-FIL	2018/19-2	Wet	11/29/2018 12:50:00 PM	12/19/2018 8:08:00 PM	Demeton-O	n/a	<	0.02	µg/L	EPA 525.2m	0.02	0.02	WKL	
MO-FIL	2018/19-2	Wet	11/29/2018 12:50:00 PM	12/19/2018 8:08:00 PM	Demeton-S	n/a	<	0.02	µg/L	EPA 525.2m	0.02	0.02	WKL	
MO-FIL	2018/19-2	Wet	11/29/2018 12:50:00 PM	12/19/2018 8:08:00 PM	Diazinon	n/a	<	0.01	µg/L	EPA 525.2m	0.01	0.02	WKL	
MO-FIL	2018/19-2	Wet	11/29/2018 12:50:00 PM	12/14/2018 9:09:00 PM	Diazinon	n/a	<	0.19	µg/L	EPA 525.2	0.19	0.2	WKL	

Appendix G
Laboratory Environmental Analysis Results

Site ID	Event	Event Type	Sample Date	Analysis Date	Constituent	Fraction	Sign	Result	Units	Method	MDL	Reporting Limit	Analyzing Laboratory	Qualifier
MO-FIL	2018/19-2	Wet	11/29/2018 12:50:00 PM	12/27/2018 9:23:00 PM	Dicamba	n/a	<	0.12	µg/L	EPA 515.3	0.12	0.6	WKL	
MO-FIL	2018/19-2	Wet	11/29/2018 12:50:00 PM	12/27/2018 9:23:00 PM	Dichlorprop	n/a	<	0.08	µg/L	EPA 515.3	0.08	0.3	WKL	
MO-FIL	2018/19-2	Wet	11/29/2018 12:50:00 PM	12/19/2018 8:08:00 PM	Dichlorvos	n/a	DNQ	0.0086	µg/L	EPA 525.2m	0.0058	0.02	WKL	
MO-FIL	2018/19-2	Wet	11/29/2018 12:50:00 PM	1/12/2019 1:00:00 PM	Dieldrin	n/a	<	0.042	µg/L	EPA 608	0.042	0.2	WKL	
MO-FIL	2018/19-2	Wet	11/29/2018 12:50:00 PM	12/14/2018 9:09:00 PM	Dimethoate	n/a	<	0.048	µg/L	EPA 525.2	0.048	0.4	WKL	
MO-FIL	2018/19-2	Wet	11/29/2018 12:50:00 PM	12/19/2018 8:08:00 PM	Dimethoate	n/a	<	0.012	µg/L	EPA 525.2m	0.012	0.02	WKL	
MO-FIL	2018/19-2	Wet	11/29/2018 12:50:00 PM	12/27/2018 9:23:00 PM	Dinoseb	n/a	<	0.14	µg/L	EPA 515.3	0.14	0.4	WKL	
MO-FIL	2018/19-2	Wet	11/29/2018 12:50:00 PM	12/14/2018 9:09:00 PM	Diphenamid	n/a	<	0.048	µg/L	EPA 525.2	0.048	0.2	WKL	
MO-FIL	2018/19-2	Wet	11/29/2018 12:50:00 PM	12/19/2018 8:08:00 PM	Disulfoton	n/a	<	0.02	µg/L	EPA 525.2m	0.02	0.02	WKL	
MO-FIL	2018/19-2	Wet	11/29/2018 12:50:00 PM	12/14/2018 9:09:00 PM	Disulfoton	n/a	<	0.062	µg/L	EPA 525.2	0.062	0.2	WKL	
MO-FIL	2018/19-2	Wet	11/29/2018 12:50:00 PM	1/12/2019 1:00:00 PM	Endosulfan I	n/a	<	0.034	µg/L	EPA 608	0.034	0.4	WKL	
MO-FIL	2018/19-2	Wet	11/29/2018 12:50:00 PM	1/12/2019 1:00:00 PM	Endosulfan II	n/a	<	0.038	µg/L	EPA 608	0.038	0.2	WKL	
MO-FIL	2018/19-2	Wet	11/29/2018 12:50:00 PM	1/12/2019 1:00:00 PM	Endosulfan sulfate	n/a	<	0.16	µg/L	EPA 608	0.16	1	WKL	
MO-FIL	2018/19-2	Wet	11/29/2018 12:50:00 PM	1/12/2019 1:00:00 PM	Endrin	n/a	<	0.056	µg/L	EPA 608	0.056	0.2	WKL	
MO-FIL	2018/19-2	Wet	11/29/2018 12:50:00 PM	1/12/2019 1:00:00 PM	Endrin aldehyde	n/a	<	0.06	µg/L	EPA 608	0.06	0.2	WKL	
MO-FIL	2018/19-2	Wet	11/29/2018 12:50:00 PM	12/14/2018 9:09:00 PM	EPTC	n/a	<	0.034	µg/L	EPA 525.2	0.034	2	WKL	
MO-FIL	2018/19-2	Wet	11/29/2018 12:50:00 PM	12/19/2018 8:08:00 PM	Ethoprop	n/a	<	0.013	µg/L	EPA 525.2m	0.013	0.02	WKL	
MO-FIL	2018/19-2	Wet	11/29/2018 12:50:00 PM	12/19/2018 8:08:00 PM	Ethyl parathion	n/a	<	0.011	µg/L	EPA 525.2m	0.011	0.02	WKL	
MO-FIL	2018/19-2	Wet	11/29/2018 12:50:00 PM	12/19/2018 8:08:00 PM	Fensulfothion	n/a	<	0.0058	µg/L	EPA 525.2m	0.0058	0.02	WKL	
MO-FIL	2018/19-2	Wet	11/29/2018 12:50:00 PM	12/19/2018 8:08:00 PM	Fenthion	n/a	<	0.0076	µg/L	EPA 525.2m	0.0076	0.02	WKL	
MO-FIL	2018/19-2	Wet	11/29/2018 12:50:00 PM	1/12/2019 1:00:00 PM	gamma-BHC (Lindane)	n/a	<	0.042	µg/L	EPA 608	0.042	0.4	WKL	
MO-FIL	2018/19-2	Wet	11/29/2018 12:50:00 PM	1/12/2019 1:00:00 PM	gamma-Chlordane	n/a	<	0.088	µg/L	EPA 608	0.088	0.2	WKL	
MO-FIL	2018/19-2	Wet	11/29/2018 12:50:00 PM	12/10/2018 8:47:00 PM	Glyphosate	n/a	=	24	µg/L	EPA 547	1.8	5	WKL	
MO-FIL	2018/19-2	Wet	11/29/2018 12:50:00 PM	1/12/2019 1:00:00 PM	Heptachlor	n/a	<	0.034	µg/L	EPA 608	0.034	0.2	WKL	
MO-FIL	2018/19-2	Wet	11/29/2018 12:50:00 PM	1/12/2019 1:00:00 PM	Heptachlor epoxide	n/a	<	0.038	µg/L	EPA 608	0.038	0.2	WKL	
MO-FIL	2018/19-2	Wet	11/29/2018 12:50:00 PM	12/19/2018 8:08:00 PM	Malathion	n/a	<	0.015	µg/L	EPA 525.2m	0.015	0.02	WKL	
MO-FIL	2018/19-2	Wet	11/29/2018 12:50:00 PM	12/19/2018 8:08:00 PM	Merphos	n/a	<	0.012	µg/L	EPA 525.2m	0.012	0.02	WKL	
MO-FIL	2018/19-2	Wet	11/29/2018 12:50:00 PM	1/12/2019 1:00:00 PM	Methoxychlor	n/a	<	0.11	µg/L	EPA 608	0.11	0.4	WKL	
MO-FIL	2018/19-2	Wet	11/29/2018 12:50:00 PM	12/19/2018 8:08:00 PM	Methyl parathion	n/a	<	0.013	µg/L	EPA 525.2m	0.013	0.02	WKL	
MO-FIL	2018/19-2	Wet	11/29/2018 12:50:00 PM	12/14/2018 9:09:00 PM	Metolachlor	n/a	<	0.024	µg/L	EPA 525.2	0.024	0.2	WKL	
MO-FIL	2018/19-2	Wet	11/29/2018 12:50:00 PM	12/14/2018 9:09:00 PM	Metribuzin	n/a	<	0.03	µg/L	EPA 525.2	0.03	0.2	WKL	
MO-FIL	2018/19-2	Wet	11/29/2018 12:50:00 PM	12/19/2018 8:08:00 PM	Mevinphos	n/a	<	0.0084	µg/L	EPA 525.2m	0.0084	0.02	WKL	
MO-FIL	2018/19-2	Wet	11/29/2018 12:50:00 PM	12/14/2018 9:09:00 PM	Molinate	n/a	<	0.078	µg/L	EPA 525.2	0.078	0.2	WKL	
MO-FIL	2018/19-2	Wet	11/29/2018 12:50:00 PM	12/19/2018 8:08:00 PM	Naled	n/a	<	0.015	µg/L	EPA 525.2m	0.015	0.02	WKL	
MO-FIL	2018/19-2	Wet	11/29/2018 12:50:00 PM	1/11/2019 4:28:00 AM	Pentachlorophenol	n/a	DNQ	2.4	µg/L	EPA 8270C	0.75	5	WKL	UL-MB
MO-FIL	2018/19-2	Wet	11/29/2018 12:50:00 PM	12/27/2018 9:23:00 PM	Pentachlorophenol	n/a	DNQ	0.17	µg/L	EPA 515.3	0.04	0.2	WKL	
MO-FIL	2018/19-2	Wet	11/29/2018 12:50:00 PM	1/7/2019 3:51:00 AM	Pentachlorophenol	n/a	DNQ	1.1	µg/L	EPA 625	0.38	2	WKL	
MO-FIL	2018/19-2	Wet	11/29/2018 12:50:00 PM	12/19/2018 8:08:00 PM	Phorate	n/a	<	0.006	µg/L	EPA 525.2m	0.006	0.02	WKL	
MO-FIL	2018/19-2	Wet	11/29/2018 12:50:00 PM	12/27/2018 9:23:00 PM	Picloram	n/a	<	0.05	µg/L	EPA 515.3	0.05	0.6	WKL	
MO-FIL	2018/19-2	Wet	11/29/2018 12:50:00 PM	12/14/2018 9:09:00 PM	Prometon	n/a	<	0.048	µg/L	EPA 525.2	0.048	0.4	WKL	
MO-FIL	2018/19-2	Wet	11/29/2018 12:50:00 PM	12/14/2018 9:09:00 PM	Prometryn	n/a	<	0.072	µg/L	EPA 525.2	0.072	0.2	WKL	
MO-FIL	2018/19-2	Wet	11/29/2018 12:50:00 PM	12/19/2018 8:08:00 PM	Ronnel (Fenchlorphos)	n/a	<	0.0082	µg/L	EPA 525.2m	0.0082	0.02	WKL	
MO-FIL	2018/19-2	Wet	11/29/2018 12:50:00 PM	12/14/2018 9:09:00 PM	Simazine	n/a	<	0.03	µg/L	EPA 525.2	0.03	0.2	WKL	
MO-FIL	2018/19-2	Wet	11/29/2018 12:50:00 PM	12/19/2018 8:08:00 PM	Stirophos (Tetrachlorvinphos)	n/a	<	0.0062	µg/L	EPA 525.2m	0.0062	0.02	WKL	
MO-FIL	2018/19-2	Wet	11/29/2018 12:50:00 PM	12/14/2018 9:09:00 PM	Terbacil	n/a	<	1.1	µg/L	EPA 525.2	1.1	4	WKL	
MO-FIL	2018/19-2	Wet	11/29/2018 12:50:00 PM	12/14/2018 9:09:00 PM	Thiobencarb	n/a	<	0.05	µg/L	EPA 525.2	0.05	0.4	WKL	
MO-FIL	2018/19-2	Wet	11/29/2018 12:50:00 PM	12/19/2018 8:08:00 PM	Tokuthion	n/a	<	0.016	µg/L	EPA 525.2m	0.016	0.02	WKL	
MO-FIL	2018/19-2	Wet	11/29/2018 12:50:00 PM	1/12/2019 1:00:00 PM	Toxaphene	n/a	<	2.4	µg/L	EPA 608	2.4	10	WKL	

Appendix G
Laboratory Environmental Analysis Results

Site ID	Event	Event Type	Sample Date	Analysis Date	Constituent	Fraction	Sign	Result	Units	Method	MDL	Reporting Limit	Analyzing Laboratory	Qualifier
MO-FIL	2018/19-2	Wet	11/29/2018 12:50:00 PM	12/19/2018 8:08:00 PM	Trichloronate	n/a	<	0.013	µg/L	EPA 525.2m	0.013	0.02	WKL	
MO-FIL	2018/19-2	Wet	11/29/2018 12:50:00 PM	12/14/2018 9:09:00 PM	Trithion	n/a	<	0.024	µg/L	EPA 525.2	0.024	0.2	WKL	
MO-FIL	2018/19-3	Wet	1/5/2019 8:00:00 PM	1/6/2019 5:20:00 PM	E. Coli	n/a	=	12033	MPN/100 mL	MMO-MUG	10	10	VCHCA	
MO-FIL	2018/19-3	Wet	1/5/2019 8:00:00 PM	1/6/2019 5:20:00 PM	Total Coliform	n/a	=	129970	MPN/100 mL	MMO-MUG	100	100	VCHCA	
MO-FIL	2018/19-3	Wet	1/5/2019 8:00:00 PM	1/5/2019 8:00:00 PM	Conductivity	n/a	=	69.2	µmhos/cm	Field Meter	-88	1	Field Crew	
MO-FIL	2018/19-3	Wet	1/5/2019 8:00:00 PM	1/16/2019 4:44:00 PM	Cyanide	Total	DNQ	0.0014	mg/L	ASTM D7511	0.0005	0.002	WKL	
MO-FIL	2018/19-3	Wet	1/5/2019 8:00:00 PM	1/5/2019 8:00:00 PM	DO	n/a	=	9.89	mg/L	Field Meter	-88	0.3	Field Crew	
MO-FIL	2018/19-3	Wet	1/5/2019 8:00:00 PM	1/5/2019 8:00:00 PM	DO	n/a	=	90.1	%	Field Meter	-88	0.1	Field Crew	
MO-FIL	2018/19-3	Wet	1/5/2019 8:00:00 PM	1/5/2019 8:00:00 PM	pH	n/a	=	7.95	pH Units	Field Meter	-88	0.01	Field Crew	
MO-FIL	2018/19-3	Wet	1/5/2019 8:00:00 PM	1/5/2019 8:00:00 PM	Salinity	n/a	<	100	mg/L	Field Meter	-88	100	Field Crew	
MO-FIL	2018/19-3	Wet	1/5/2019 8:00:00 PM	1/5/2019 8:00:00 PM	Specific Conductance	n/a	=	94.6	µmhos/cm	Field Meter	-88	1	Field Crew	
MO-FIL	2018/19-3	Wet	1/5/2019 8:00:00 PM	1/5/2019 8:00:00 PM	Temperature	n/a	=	10.6	°C	Field Meter	-88	0.1	Field Crew	
MO-FIL	2018/19-3	Wet	1/5/2019 8:00:00 PM	1/12/2019 12:49:00 PM	Gasoline Range Organics	n/a	<	0.012	mg/L	LUFT GC/MS	0.012	0.1	WKL	
MO-FIL	2018/19-3	Wet	1/5/2019 8:00:00 PM	1/11/2019 3:00:00 PM	Oil and Grease	n/a	<	1.3	mg/L	EPA 1664A	1.3	5	WKL	
MO-FIL	2018/19-3	Wet	1/5/2019 8:00:00 PM	1/8/2019 9:02:00 PM	2-Chloroethyl vinyl ether	n/a	<	0.28	µg/L	EPA 624	0.28	1	WKL	
MO-FIL	2018/19-3	Wet	1/5/2019 8:00:00 PM	1/8/2019 9:02:00 PM	Methyl tert-butyl ether (MTBE)	n/a	<	0.25	µg/L	EPA 624	0.25	1	WKL	
MO-FIL	2018/19-3	Wet	1/6/2019 9:34:00 AM	1/15/2019 10:00:00 PM	Chloride	n/a	=	18	mg/L	EPA 300.0	0.1	0.5	WKL	
MO-FIL	2018/19-3	Wet	1/6/2019 9:34:00 AM	1/15/2019 10:00:00 PM	Fluoride	n/a	DNQ	0.094	mg/L	EPA 300.0	0.02	0.1	WKL	
MO-FIL	2018/19-3	Wet	1/6/2019 9:34:00 AM	1/9/2019 7:49:00 AM	Perchlorate	n/a	=	2.6	µg/L	EPA 314.0	0.95	2	WKL	
MO-FIL	2018/19-3	Wet	1/6/2019 9:34:00 AM	1/15/2019 10:00:00 PM	Sulfate	Total	=	70	mg/L	EPA 300.0	0.1	0.5	WKL	
MO-FIL	2018/19-3	Wet	1/6/2019 9:34:00 AM	1/30/2019 10:10:00 PM	Calcium	Total	=	36.8	mg/L	EPA 200.7	0.016	0.1	WKL	
MO-FIL	2018/19-3	Wet	1/6/2019 9:34:00 AM	1/30/2019 10:10:00 PM	Magnesium	Total	=	7.54	mg/L	EPA 200.7	0.012	0.1	WKL	
MO-FIL	2018/19-3	Wet	1/6/2019 9:34:00 AM	1/30/2019 10:10:00 PM	Potassium	Total	=	4.7	mg/L	EPA 200.7	0.081	0.1	WKL	
MO-FIL	2018/19-3	Wet	1/6/2019 9:34:00 AM	1/30/2019 10:10:00 PM	Sodium	Total	=	14	mg/L	EPA 200.7	0.015	0.5	WKL	
MO-FIL	2018/19-3	Wet	1/6/2019 9:34:00 AM	1/11/2019 3:58:00 PM	Alkalinity as CaCO3	n/a	=	43	mg/L	SM 2320 B	0.56	2	WKL	
MO-FIL	2018/19-3	Wet	1/6/2019 9:34:00 AM	1/12/2019 1:53:00 PM	BOD	n/a	=	8.8	mg/L	SM 5210 B	2	2	WKL	
MO-FIL	2018/19-3	Wet	1/6/2019 9:34:00 AM	1/17/2019 11:30:00 AM	COD	n/a	=	57	mg/L	EPA 410.4	0.73	5	WKL	
MO-FIL	2018/19-3	Wet	1/6/2019 9:34:00 AM	1/31/2019 4:14:00 AM	Dissolved Inorganic Carbon	Dissolved	=	11	mg/L	SM 5310 B	0.65	1	TestAmerica	
MO-FIL	2018/19-3	Wet	1/6/2019 9:34:00 AM	1/31/2019 2:08:47 PM	Dissolved Organic Carbon	Dissolved	=	7	mg/L	SM 5310 B	0.65	1	TestAmerica	
MO-FIL	2018/19-3	Wet	1/6/2019 9:34:00 AM	1/30/2019 10:10:00 PM	Hardness as CaCO3	Total	=	123	mg/L	EPA 200.7	0.0894	0.662	WKL	
MO-FIL	2018/19-3	Wet	1/6/2019 9:34:00 AM	1/7/2019 2:48:00 PM	MBAS	n/a	DNQ	0.048	mg/L	SM 5540 C	0.019	0.05	WKL	
MO-FIL	2018/19-3	Wet	1/6/2019 9:34:00 AM	2/2/2019 10:32:00 AM	Phenolics	n/a	<	0.0042	mg/L	EPA 420.4	0.0042	0.01	WKL	
MO-FIL	2018/19-3	Wet	1/6/2019 9:34:00 AM	1/16/2019 2:10:00 PM	Specific Conductance	n/a	=	310	µmhos/cm	SM 2510 B	0.23	2	WKL	
MO-FIL	2018/19-3	Wet	1/6/2019 9:34:00 AM	1/7/2019 6:56:00 PM	Total Chlorine Residual	n/a	DNQ	0.017	mg/L	SM 4500-Cl G	0.0015	0.05	WKL	EST-HT, UL-MB
MO-FIL	2018/19-3	Wet	1/6/2019 9:34:00 AM	1/10/2019 2:32:00 PM	Total Dissolved Solids	n/a	=	210	mg/L	SM 2540 C	4	10	WKL	
MO-FIL	2018/19-3	Wet	1/6/2019 9:34:00 AM	1/31/2019 3:12:00 PM	Total Organic Carbon	n/a	=	8	mg/L	SM 5310 B	0.21	0.3	MCA	
MO-FIL	2018/19-3	Wet	1/6/2019 9:34:00 AM	1/9/2019 1:40:00 PM	Total Suspended Solids	n/a	=	120	mg/L	SM 2540 D	-88	5	WKL	
MO-FIL	2018/19-3	Wet	1/6/2019 9:34:00 AM	1/7/2019 11:44:00 AM	Turbidity	n/a	=	37	NTU	EPA 180.1	0.024	0.1	WKL	
MO-FIL	2018/19-3	Wet	1/6/2019 9:34:00 AM	1/9/2019 1:40:00 PM	Volatile Suspended Solids	n/a	=	25	mg/L	EPA 160.4	3.1	5	WKL	
MO-FIL	2018/19-3	Wet	1/6/2019 9:34:00 AM	1/23/2019 2:46:00 AM	Diesel Range Organics	n/a	=	0.24	mg/L	EPA 8015D	0.048	0.2	WKL	UL-MB
MO-FIL	2018/19-3	Wet	1/6/2019 9:34:00 AM	1/23/2019 2:46:00 AM	Oil Range Organics	n/a	<	0.66	mg/L	EPA 8015D	0.66	1	WKL	
MO-FIL	2018/19-3	Wet	1/6/2019 9:34:00 AM	2/4/2019 9:20:00 PM	Aluminum	Dissolved	=	30	µg/L	EPA 200.8	1.3	5	WKL	
MO-FIL	2018/19-3	Wet	1/6/2019 9:34:00 AM	2/4/2019 9:27:00 PM	Aluminum	Total	=	2000	µg/L	EPA 200.8	1.3	5	WKL	
MO-FIL	2018/19-3	Wet	1/6/2019 9:34:00 AM	2/4/2019 9:20:00 PM	Antimony	Dissolved	=	0.54	µg/L	EPA 200.8	0.045	0.5	WKL	
MO-FIL	2018/19-3	Wet	1/6/2019 9:34:00 AM	2/4/2019 9:27:00 PM	Antimony	Total	=	1	µg/L	EPA 200.8	0.045	0.5	WKL	
MO-FIL	2018/19-3	Wet	1/6/2019 9:34:00 AM	2/4/2019 9:20:00 PM	Arsenic	Dissolved	=	1	µg/L	EPA 200.8	0.074	0.4	WKL	
MO-FIL	2018/19-3	Wet	1/6/2019 9:34:00 AM	2/4/2019 9:27:00 PM	Arsenic	Total	=	1.9	µg/L	EPA 200.8	0.074	0.4	WKL	
MO-FIL	2018/19-3	Wet	1/6/2019 9:34:00 AM	2/4/2019 9:27:00 PM	Barium	Total	=	48	µg/L	EPA 200.8	0.071	0.5	WKL	

Appendix G
Laboratory Environmental Analysis Results

Site ID	Event	Event Type	Sample Date	Analysis Date	Constituent	Fraction	Sign	Result	Units	Method	MDL	Reporting Limit	Analyzing Laboratory	Qualifier
MO-FIL	2018/19-3	Wet	1/6/2019 9:34:00 AM	2/4/2019 9:20:00 PM	Beryllium	Dissolved	<	0.033	µg/L	EPA 200.8	0.033	0.1	WKL	
MO-FIL	2018/19-3	Wet	1/6/2019 9:34:00 AM	2/4/2019 9:27:00 PM	Beryllium	Total	DNQ	0.08	µg/L	EPA 200.8	0.033	0.1	WKL	
MO-FIL	2018/19-3	Wet	1/6/2019 9:34:00 AM	2/4/2019 9:20:00 PM	Cadmium	Dissolved	=	0.28	µg/L	EPA 200.8	0.041	0.1	WKL	
MO-FIL	2018/19-3	Wet	1/6/2019 9:34:00 AM	2/4/2019 9:27:00 PM	Cadmium	Total	=	1.2	µg/L	EPA 200.8	0.041	0.1	WKL	
MO-FIL	2018/19-3	Wet	1/6/2019 9:34:00 AM	2/4/2019 9:20:00 PM	Chromium	Dissolved	=	1	µg/L	EPA 200.8	0.035	0.2	WKL	
MO-FIL	2018/19-3	Wet	1/6/2019 9:34:00 AM	2/4/2019 9:27:00 PM	Chromium	Total	=	5.8	µg/L	EPA 200.8	0.035	0.2	WKL	
MO-FIL	2018/19-3	Wet	1/6/2019 9:34:00 AM	1/18/2019 2:51:00 PM	Chromium VI	n/a	=	0.75	µg/L	EPA 218.6	0.0048	0.02	WKL	
MO-FIL	2018/19-3	Wet	1/6/2019 9:34:00 AM	2/4/2019 9:20:00 PM	Copper	Dissolved	=	5.1	µg/L	EPA 200.8	0.13	0.5	WKL	
MO-FIL	2018/19-3	Wet	1/6/2019 9:34:00 AM	2/4/2019 9:27:00 PM	Copper	Total	=	13	µg/L	EPA 200.8	0.13	0.5	WKL	
MO-FIL	2018/19-3	Wet	1/6/2019 9:34:00 AM	1/30/2019 9:27:00 PM	Iron	Dissolved	=	43	µg/L	EPA 200.7	1.1	10	WKL	
MO-FIL	2018/19-3	Wet	1/6/2019 9:34:00 AM	1/30/2019 10:10:00 PM	Iron	Total	=	2800	µg/L	EPA 200.7	1.1	10	WKL	
MO-FIL	2018/19-3	Wet	1/6/2019 9:34:00 AM	2/4/2019 9:20:00 PM	Lead	Dissolved	DNQ	0.14	µg/L	EPA 200.8	0.031	0.2	WKL	
MO-FIL	2018/19-3	Wet	1/6/2019 9:34:00 AM	2/4/2019 9:27:00 PM	Lead	Total	=	3.6	µg/L	EPA 200.8	0.031	0.2	WKL	
MO-FIL	2018/19-3	Wet	1/6/2019 9:34:00 AM	1/10/2019 4:08:00 PM	Mercury	Dissolved	<	17	ng/L	EPA 245.1	17	50	WKL	
MO-FIL	2018/19-3	Wet	1/6/2019 9:34:00 AM	1/10/2019 4:10:00 PM	Mercury	Total	DNQ	18	ng/L	EPA 245.1	17	50	WKL	
MO-FIL	2018/19-3	Wet	1/6/2019 9:34:00 AM	2/4/2019 9:20:00 PM	Nickel	Dissolved	=	1.7	µg/L	EPA 200.8	0.045	0.8	WKL	
MO-FIL	2018/19-3	Wet	1/6/2019 9:34:00 AM	2/4/2019 9:27:00 PM	Nickel	Total	=	7.8	µg/L	EPA 200.8	0.045	0.8	WKL	
MO-FIL	2018/19-3	Wet	1/6/2019 9:34:00 AM	2/4/2019 9:20:00 PM	Selenium	Dissolved	=	1.3	µg/L	EPA 200.8	0.14	0.4	WKL	
MO-FIL	2018/19-3	Wet	1/6/2019 9:34:00 AM	2/4/2019 9:27:00 PM	Selenium	Total	=	1.6	µg/L	EPA 200.8	0.14	0.4	WKL	
MO-FIL	2018/19-3	Wet	1/6/2019 9:34:00 AM	2/4/2019 9:20:00 PM	Silver	Dissolved	<	0.062	µg/L	EPA 200.8	0.062	0.2	WKL	
MO-FIL	2018/19-3	Wet	1/6/2019 9:34:00 AM	2/4/2019 9:27:00 PM	Silver	Total	<	0.062	µg/L	EPA 200.8	0.062	0.2	WKL	
MO-FIL	2018/19-3	Wet	1/6/2019 9:34:00 AM	2/4/2019 9:20:00 PM	Thallium	Dissolved	<	0.014	µg/L	EPA 200.8	0.014	0.2	WKL	
MO-FIL	2018/19-3	Wet	1/6/2019 9:34:00 AM	2/4/2019 9:27:00 PM	Thallium	Total	DNQ	0.09	µg/L	EPA 200.8	0.014	0.2	WKL	
MO-FIL	2018/19-3	Wet	1/6/2019 9:34:00 AM	2/4/2019 9:20:00 PM	Zinc	Dissolved	=	20	µg/L	EPA 200.8	0.94	5	WKL	
MO-FIL	2018/19-3	Wet	1/6/2019 9:34:00 AM	2/4/2019 9:27:00 PM	Zinc	Total	=	78	µg/L	EPA 200.8	0.94	5	WKL	
MO-FIL	2018/19-3	Wet	1/6/2019 9:34:00 AM	1/15/2019 6:47:00 PM	Ammonia as N	n/a	=	0.39	mg/L	EPA 350.1	0.048	0.1	WKL	
MO-FIL	2018/19-3	Wet	1/6/2019 9:34:00 AM	1/12/2019 10:11:00 AM	Nitrate + Nitrite as N	n/a	=	1.6	mg/L	EPA 353.2	0.083	0.2	WKL	
MO-FIL	2018/19-3	Wet	1/6/2019 9:34:00 AM	1/17/2019 7:17:00 PM	Phosphorus as P	Dissolved	=	0.26	mg/L	EPA 200.7	0.012	0.02	WKL	
MO-FIL	2018/19-3	Wet	1/6/2019 9:34:00 AM	1/17/2019 7:20:00 PM	Phosphorus as P	Total	=	0.45	mg/L	EPA 200.7	0.012	0.02	WKL	
MO-FIL	2018/19-3	Wet	1/6/2019 9:34:00 AM	1/12/2019 1:50:00 PM	TKN	n/a	=	1.2	mg/L	EPA 351.2	0.05	0.1	WKL	
MO-FIL	2018/19-3	Wet	1/6/2019 9:34:00 AM	1/30/2019 5:00:00 AM	1,2,4-Trichlorobenzene	n/a	<	2.8	µg/L	EPA 625	2.8	5	WKL	
MO-FIL	2018/19-3	Wet	1/6/2019 9:34:00 AM	1/30/2019 5:00:00 AM	1,2-Dichlorobenzene	n/a	<	2.8	µg/L	EPA 625	2.8	5	WKL	
MO-FIL	2018/19-3	Wet	1/6/2019 9:34:00 AM	1/30/2019 5:00:00 AM	1,2-Diphenylhydrazine	n/a	<	1.2	µg/L	EPA 625	1.2	5	WKL	
MO-FIL	2018/19-3	Wet	1/6/2019 9:34:00 AM	1/30/2019 5:00:00 AM	1,3-Dichlorobenzene	n/a	<	2.6	µg/L	EPA 625	2.6	5	WKL	
MO-FIL	2018/19-3	Wet	1/6/2019 9:34:00 AM	1/30/2019 5:00:00 AM	1,4-Dichlorobenzene	n/a	<	2.8	µg/L	EPA 625	2.8	5	WKL	
MO-FIL	2018/19-3	Wet	1/6/2019 9:34:00 AM	2/2/2019 12:55:00 AM	1-Methylnaphthalene	n/a	<	0.2	µg/L	EPA 8270C	0.2	0.2	WKL	
MO-FIL	2018/19-3	Wet	1/6/2019 9:34:00 AM	2/6/2019 12:49:00 AM	2,4,5-Trichlorophenol	n/a	<	0.58	µg/L	EPA 8270C	0.58	2	WKL	
MO-FIL	2018/19-3	Wet	1/6/2019 9:34:00 AM	1/30/2019 5:00:00 AM	2,4,6-Trichlorophenol	n/a	<	1.1	µg/L	EPA 625	1.1	5	WKL	
MO-FIL	2018/19-3	Wet	1/6/2019 9:34:00 AM	2/6/2019 12:49:00 AM	2,4,6-Trichlorophenol	n/a	<	0.6	µg/L	EPA 8270C	0.6	2	WKL	
MO-FIL	2018/19-3	Wet	1/6/2019 9:34:00 AM	1/30/2019 5:00:00 AM	2,4-Dichlorophenol	n/a	<	1.3	µg/L	EPA 625	1.3	5	WKL	
MO-FIL	2018/19-3	Wet	1/6/2019 9:34:00 AM	2/6/2019 12:49:00 AM	2,4-Dichlorophenol	n/a	<	1	µg/L	EPA 8270C	1	2	WKL	
MO-FIL	2018/19-3	Wet	1/6/2019 9:34:00 AM	2/6/2019 12:49:00 AM	2,4-Dimethylphenol	n/a	<	2	µg/L	EPA 8270C	2	4	WKL	
MO-FIL	2018/19-3	Wet	1/6/2019 9:34:00 AM	1/30/2019 5:00:00 AM	2,4-Dimethylphenol	n/a	<	1.5	µg/L	EPA 625	1.5	5	WKL	
MO-FIL	2018/19-3	Wet	1/6/2019 9:34:00 AM	2/6/2019 12:49:00 AM	2,4-Dinitrophenol	n/a	<	2	µg/L	EPA 8270C	2	4	WKL	
MO-FIL	2018/19-3	Wet	1/6/2019 9:34:00 AM	1/30/2019 5:00:00 AM	2,4-Dinitrophenol	n/a	<	7.9	µg/L	EPA 625	7.9	50	WKL	
MO-FIL	2018/19-3	Wet	1/6/2019 9:34:00 AM	1/30/2019 5:00:00 AM	2,4-Dinitrotoluene	n/a	<	0.9	µg/L	EPA 625	0.9	5	WKL	
MO-FIL	2018/19-3	Wet	1/6/2019 9:34:00 AM	1/30/2019 5:00:00 AM	2,6-Dinitrotoluene	n/a	<	1.4	µg/L	EPA 625	1.4	5	WKL	
MO-FIL	2018/19-3	Wet	1/6/2019 9:34:00 AM	1/30/2019 5:00:00 AM	2-Chloronaphthalene	n/a	<	2.2	µg/L	EPA 625	2.2	5	WKL	

Appendix G
Laboratory Environmental Analysis Results

Site ID	Event	Event Type	Sample Date	Analysis Date	Constituent	Fraction	Sign	Result	Units	Method	MDL	Reporting Limit	Analyzing Laboratory	Qualifier
MO-FIL	2018/19-3	Wet	1/6/2019 9:34:00 AM	2/6/2019 12:49:00 AM	2-Chlorophenol	n/a	<	1.3	µg/L	EPA 8270C	1.3	2	WKL	
MO-FIL	2018/19-3	Wet	1/6/2019 9:34:00 AM	1/30/2019 5:00:00 AM	2-Chlorophenol	n/a	<	1.4	µg/L	EPA 625	1.4	5	WKL	
MO-FIL	2018/19-3	Wet	1/6/2019 9:34:00 AM	2/2/2019 12:55:00 AM	2-Methylnaphthalene	n/a	<	0.2	µg/L	EPA 8270C	0.2	0.2	WKL	
MO-FIL	2018/19-3	Wet	1/6/2019 9:34:00 AM	2/6/2019 12:49:00 AM	2-Methylphenol	n/a	<	0.68	µg/L	EPA 8270C	0.68	2	WKL	
MO-FIL	2018/19-3	Wet	1/6/2019 9:34:00 AM	2/6/2019 12:49:00 AM	2-Nitrophenol	n/a	<	1.4	µg/L	EPA 8270C	1.4	2	WKL	
MO-FIL	2018/19-3	Wet	1/6/2019 9:34:00 AM	1/30/2019 5:00:00 AM	2-Nitrophenol	n/a	<	1.3	µg/L	EPA 625	1.3	5	WKL	
MO-FIL	2018/19-3	Wet	1/6/2019 9:34:00 AM	1/30/2019 5:00:00 AM	3,3'-Dichlorobenzidine	n/a	<	6	µg/L	EPA 625	6	25	WKL	
MO-FIL	2018/19-3	Wet	1/6/2019 9:34:00 AM	2/6/2019 12:49:00 AM	3-/4-Methylphenol	n/a	<	0.6	µg/L	EPA 8270C	0.6	2	WKL	
MO-FIL	2018/19-3	Wet	1/6/2019 9:34:00 AM	2/6/2019 12:49:00 AM	4,6-Dinitro-2-methylphenol	n/a	DNQ	1	µg/L	EPA 8270C	0.28	2	WKL	
MO-FIL	2018/19-3	Wet	1/6/2019 9:34:00 AM	1/30/2019 5:00:00 AM	4,6-Dinitro-2-methylphenol	n/a	<	8.6	µg/L	EPA 625	8.6	25	WKL	
MO-FIL	2018/19-3	Wet	1/6/2019 9:34:00 AM	1/30/2019 5:00:00 AM	4-Bromophenyl phenyl ether	n/a	<	1.8	µg/L	EPA 625	1.8	5	WKL	
MO-FIL	2018/19-3	Wet	1/6/2019 9:34:00 AM	1/30/2019 5:00:00 AM	4-Chloro-3-methylphenol	n/a	<	1.2	µg/L	EPA 625	1.2	5	WKL	
MO-FIL	2018/19-3	Wet	1/6/2019 9:34:00 AM	2/6/2019 12:49:00 AM	4-Chloro-3-methylphenol	n/a	<	0.74	µg/L	EPA 8270C	0.74	2	WKL	
MO-FIL	2018/19-3	Wet	1/6/2019 9:34:00 AM	1/30/2019 5:00:00 AM	4-Chlorophenyl phenyl ether	n/a	<	2	µg/L	EPA 625	2	5	WKL	
MO-FIL	2018/19-3	Wet	1/6/2019 9:34:00 AM	1/30/2019 5:00:00 AM	4-Nitrophenol	n/a	<	2.2	µg/L	EPA 625	2.2	25	WKL	
MO-FIL	2018/19-3	Wet	1/6/2019 9:34:00 AM	2/6/2019 12:49:00 AM	4-Nitrophenol	n/a	<	2	µg/L	EPA 8270C	2	4	WKL	
MO-FIL	2018/19-3	Wet	1/6/2019 9:34:00 AM	2/2/2019 12:55:00 AM	Acenaphthene	n/a	<	0.2	µg/L	EPA 8270C	0.2	0.2	WKL	
MO-FIL	2018/19-3	Wet	1/6/2019 9:34:00 AM	1/30/2019 5:00:00 AM	Acenaphthene	n/a	<	1.9	µg/L	EPA 625	1.9	5	WKL	
MO-FIL	2018/19-3	Wet	1/6/2019 9:34:00 AM	1/30/2019 5:00:00 AM	Acenaphthylene	n/a	<	2	µg/L	EPA 625	2	5	WKL	
MO-FIL	2018/19-3	Wet	1/6/2019 9:34:00 AM	2/2/2019 12:55:00 AM	Acenaphthylene	n/a	<	0.2	µg/L	EPA 8270C	0.2	0.2	WKL	
MO-FIL	2018/19-3	Wet	1/6/2019 9:34:00 AM	2/2/2019 12:55:00 AM	Anthracene	n/a	<	0.2	µg/L	EPA 8270C	0.2	0.2	WKL	
MO-FIL	2018/19-3	Wet	1/6/2019 9:34:00 AM	1/30/2019 5:00:00 AM	Anthracene	n/a	<	1.7	µg/L	EPA 625	1.7	5	WKL	
MO-FIL	2018/19-3	Wet	1/6/2019 9:34:00 AM	1/30/2019 5:00:00 AM	Benz(a)anthracene	n/a	<	0.95	µg/L	EPA 625	0.95	5	WKL	
MO-FIL	2018/19-3	Wet	1/6/2019 9:34:00 AM	2/2/2019 12:55:00 AM	Benz(a)anthracene	n/a	<	0.2	µg/L	EPA 8270C	0.2	0.2	WKL	
MO-FIL	2018/19-3	Wet	1/6/2019 9:34:00 AM	1/30/2019 5:00:00 AM	Benzenidine	n/a	<	18	µg/L	EPA 625	18	50	WKL	
MO-FIL	2018/19-3	Wet	1/6/2019 9:34:00 AM	2/2/2019 12:55:00 AM	Benzo(a)pyrene	n/a	<	0.2	µg/L	EPA 8270C	0.2	0.2	WKL	
MO-FIL	2018/19-3	Wet	1/6/2019 9:34:00 AM	1/30/2019 5:00:00 AM	Benzo(a)pyrene	n/a	<	0.65	µg/L	EPA 625	0.65	5	WKL	
MO-FIL	2018/19-3	Wet	1/6/2019 9:34:00 AM	2/2/2019 12:39:00 AM	Benzo(a)pyrene	n/a	<	0.35	µg/L	EPA 525.2	0.35	0.5	WKL	
MO-FIL	2018/19-3	Wet	1/6/2019 9:34:00 AM	1/30/2019 5:00:00 AM	Benzo(b)fluoranthene	n/a	<	0.7	µg/L	EPA 625	0.7	5	WKL	
MO-FIL	2018/19-3	Wet	1/6/2019 9:34:00 AM	2/2/2019 12:55:00 AM	Benzo(b)fluoranthene	n/a	<	0.2	µg/L	EPA 8270C	0.2	0.2	WKL	
MO-FIL	2018/19-3	Wet	1/6/2019 9:34:00 AM	2/2/2019 12:55:00 AM	Benzo(g,h,i)perylene	n/a	<	0.2	µg/L	EPA 8270C	0.2	0.2	WKL	
MO-FIL	2018/19-3	Wet	1/6/2019 9:34:00 AM	1/30/2019 5:00:00 AM	Benzo(g,h,i)perylene	n/a	<	0.5	µg/L	EPA 625	0.5	10	WKL	
MO-FIL	2018/19-3	Wet	1/6/2019 9:34:00 AM	1/30/2019 5:00:00 AM	Benzo(k)fluoranthene	n/a	<	1.1	µg/L	EPA 625	1.1	5	WKL	
MO-FIL	2018/19-3	Wet	1/6/2019 9:34:00 AM	2/2/2019 12:55:00 AM	Benzo(k)fluoranthene	n/a	<	0.2	µg/L	EPA 8270C	0.2	0.2	WKL	
MO-FIL	2018/19-3	Wet	1/6/2019 9:34:00 AM	1/30/2019 5:00:00 AM	Bis(2-chloroethoxy)methane	n/a	<	1.2	µg/L	EPA 625	1.2	5	WKL	
MO-FIL	2018/19-3	Wet	1/6/2019 9:34:00 AM	1/30/2019 5:00:00 AM	Bis(2-chloroethyl)ether	n/a	<	1.4	µg/L	EPA 625	1.4	5	WKL	
MO-FIL	2018/19-3	Wet	1/6/2019 9:34:00 AM	1/30/2019 5:00:00 AM	Bis(2-chloroisopropyl)ether	n/a	<	1.9	µg/L	EPA 625	1.9	5	WKL	
MO-FIL	2018/19-3	Wet	1/6/2019 9:34:00 AM	2/2/2019 12:39:00 AM	Bis(2-ethylhexyl)adipate	n/a	<	0.52	µg/L	EPA 525.2	0.52	25	WKL	
MO-FIL	2018/19-3	Wet	1/6/2019 9:34:00 AM	2/2/2019 12:39:00 AM	Bis(2-ethylhexyl)phthalate	n/a	<	5.3	µg/L	EPA 525.2	5.3	15	WKL	
MO-FIL	2018/19-3	Wet	1/6/2019 9:34:00 AM	1/30/2019 5:00:00 AM	Bis(2-ethylhexyl)phthalate	n/a	<	12	µg/L	EPA 625	12	25	WKL	
MO-FIL	2018/19-3	Wet	1/6/2019 9:34:00 AM	1/30/2019 5:00:00 AM	Butyl benzyl phthalate	n/a	<	0.9	µg/L	EPA 625	0.9	5	WKL	
MO-FIL	2018/19-3	Wet	1/6/2019 9:34:00 AM	2/2/2019 12:55:00 AM	Chrysene	n/a	<	0.2	µg/L	EPA 8270C	0.2	0.2	WKL	
MO-FIL	2018/19-3	Wet	1/6/2019 9:34:00 AM	1/30/2019 5:00:00 AM	Chrysene	n/a	<	0.95	µg/L	EPA 625	0.95	5	WKL	
MO-FIL	2018/19-3	Wet	1/6/2019 9:34:00 AM	1/30/2019 5:00:00 AM	Dibenz(a,h)anthracene	n/a	<	0.4	µg/L	EPA 625	0.4	10	WKL	
MO-FIL	2018/19-3	Wet	1/6/2019 9:34:00 AM	2/2/2019 12:55:00 AM	Dibenz(a,h)anthracene	n/a	<	0.2	µg/L	EPA 8270C	0.2	0.2	WKL	
MO-FIL	2018/19-3	Wet	1/6/2019 9:34:00 AM	1/30/2019 5:00:00 AM	Diethyl phthalate	n/a	<	0.75	µg/L	EPA 625	0.75	5	WKL	
MO-FIL	2018/19-3	Wet	1/6/2019 9:34:00 AM	1/30/2019 5:00:00 AM	Dimethyl phthalate	n/a	<	0.9	µg/L	EPA 625	0.9	5	WKL	
MO-FIL	2018/19-3	Wet	1/6/2019 9:34:00 AM	1/30/2019 5:00:00 AM	Di-n-butylphthalate	n/a	<	1.2	µg/L	EPA 625	1.2	5	WKL	

Appendix G
Laboratory Environmental Analysis Results

Site ID	Event	Event Type	Sample Date	Analysis Date	Constituent	Fraction	Sign	Result	Units	Method	MDL	Reporting Limit	Analyzing Laboratory	Qualifier
MO-FIL	2018/19-3	Wet	1/6/2019 9:34:00 AM	1/30/2019 5:00:00 AM	Di-n-octylphthalate	n/a	<	0.95	µg/L	EPA 625	0.95	5	WKL	
MO-FIL	2018/19-3	Wet	1/6/2019 9:34:00 AM	1/30/2019 5:00:00 AM	Fluoranthene	n/a	<	1.1	µg/L	EPA 625	1.1	5	WKL	
MO-FIL	2018/19-3	Wet	1/6/2019 9:34:00 AM	2/2/2019 12:55:00 AM	Fluoranthene	n/a	<	0.2	µg/L	EPA 8270C	0.2	0.2	WKL	
MO-FIL	2018/19-3	Wet	1/6/2019 9:34:00 AM	2/2/2019 12:55:00 AM	Fluorene	n/a	<	0.2	µg/L	EPA 8270C	0.2	0.2	WKL	
MO-FIL	2018/19-3	Wet	1/6/2019 9:34:00 AM	1/30/2019 5:00:00 AM	Fluorene	n/a	<	1.8	µg/L	EPA 625	1.8	5	WKL	
MO-FIL	2018/19-3	Wet	1/6/2019 9:34:00 AM	1/30/2019 5:00:00 AM	Hexachlorobenzene	n/a	<	2.4	µg/L	EPA 625	2.4	5	WKL	
MO-FIL	2018/19-3	Wet	1/6/2019 9:34:00 AM	1/30/2019 5:00:00 AM	Hexachlorobutadiene	n/a	<	2.4	µg/L	EPA 625	2.4	5	WKL	
MO-FIL	2018/19-3	Wet	1/6/2019 9:34:00 AM	1/30/2019 5:00:00 AM	Hexachlorocyclopentadiene	n/a	<	7.3	µg/L	EPA 625	7.3	25	WKL	
MO-FIL	2018/19-3	Wet	1/6/2019 9:34:00 AM	1/30/2019 5:00:00 AM	Hexachloroethane	n/a	<	2.6	µg/L	EPA 625	2.6	5	WKL	
MO-FIL	2018/19-3	Wet	1/6/2019 9:34:00 AM	1/30/2019 5:00:00 AM	Indeno(1,2,3-cd)pyrene	n/a	<	0.6	µg/L	EPA 625	0.6	10	WKL	
MO-FIL	2018/19-3	Wet	1/6/2019 9:34:00 AM	2/2/2019 12:55:00 AM	Indeno(1,2,3-cd)pyrene	n/a	<	0.2	µg/L	EPA 8270C	0.2	0.2	WKL	
MO-FIL	2018/19-3	Wet	1/6/2019 9:34:00 AM	1/30/2019 5:00:00 AM	Isophorone	n/a	<	1	µg/L	EPA 625	1	5	WKL	
MO-FIL	2018/19-3	Wet	1/6/2019 9:34:00 AM	1/30/2019 5:00:00 AM	Naphthalene	n/a	<	2.4	µg/L	EPA 625	2.4	5	WKL	
MO-FIL	2018/19-3	Wet	1/6/2019 9:34:00 AM	2/2/2019 12:55:00 AM	Naphthalene	n/a	<	0.2	µg/L	EPA 8270C	0.2	0.2	WKL	
MO-FIL	2018/19-3	Wet	1/6/2019 9:34:00 AM	1/30/2019 5:00:00 AM	Nitrobenzene	n/a	<	1.8	µg/L	EPA 625	1.8	5	WKL	
MO-FIL	2018/19-3	Wet	1/6/2019 9:34:00 AM	1/30/2019 5:00:00 AM	N-Nitrosodimethylamine	n/a	<	0.7	µg/L	EPA 625	0.7	5	WKL	
MO-FIL	2018/19-3	Wet	1/6/2019 9:34:00 AM	1/30/2019 5:00:00 AM	N-Nitrosodi-N-propylamine	n/a	<	1.3	µg/L	EPA 625	1.3	5	WKL	
MO-FIL	2018/19-3	Wet	1/6/2019 9:34:00 AM	1/30/2019 5:00:00 AM	N-Nitrosodiphenylamine	n/a	<	0.95	µg/L	EPA 625	0.95	5	WKL	
MO-FIL	2018/19-3	Wet	1/6/2019 9:34:00 AM	2/2/2019 12:55:00 AM	Phenanthrene	n/a	<	0.2	µg/L	EPA 8270C	0.2	0.2	WKL	
MO-FIL	2018/19-3	Wet	1/6/2019 9:34:00 AM	1/30/2019 5:00:00 AM	Phenanthrene	n/a	<	1.6	µg/L	EPA 625	1.6	5	WKL	
MO-FIL	2018/19-3	Wet	1/6/2019 9:34:00 AM	2/6/2019 12:49:00 AM	Phenol	n/a	<	0.7	µg/L	EPA 8270C	0.7	2	WKL	
MO-FIL	2018/19-3	Wet	1/6/2019 9:34:00 AM	1/30/2019 5:00:00 AM	Phenol	n/a	<	0.8	µg/L	EPA 625	0.8	5	WKL	
MO-FIL	2018/19-3	Wet	1/6/2019 9:34:00 AM	2/2/2019 12:55:00 AM	Pyrene	n/a	<	0.2	µg/L	EPA 8270C	0.2	0.2	WKL	
MO-FIL	2018/19-3	Wet	1/6/2019 9:34:00 AM	1/30/2019 5:00:00 AM	Pyrene	n/a	<	1.2	µg/L	EPA 625	1.2	5	WKL	
MO-FIL	2018/19-3	Wet	1/6/2019 9:34:00 AM	1/31/2019 3:11:00 AM	PCB Aroclor 1016	n/a	<	1	µg/L	EPA 608	1	10	WKL	
MO-FIL	2018/19-3	Wet	1/6/2019 9:34:00 AM	1/31/2019 3:11:00 AM	PCB Aroclor 1221	n/a	<	1.2	µg/L	EPA 608	1.2	10	WKL	
MO-FIL	2018/19-3	Wet	1/6/2019 9:34:00 AM	1/31/2019 3:11:00 AM	PCB Aroclor 1232	n/a	<	3	µg/L	EPA 608	3	10	WKL	
MO-FIL	2018/19-3	Wet	1/6/2019 9:34:00 AM	1/31/2019 3:11:00 AM	PCB Aroclor 1242	n/a	<	1.4	µg/L	EPA 608	1.4	10	WKL	
MO-FIL	2018/19-3	Wet	1/6/2019 9:34:00 AM	1/31/2019 3:11:00 AM	PCB Aroclor 1248	n/a	<	1.2	µg/L	EPA 608	1.2	10	WKL	
MO-FIL	2018/19-3	Wet	1/6/2019 9:34:00 AM	1/31/2019 3:11:00 AM	PCB Aroclor 1254	n/a	<	0.8	µg/L	EPA 608	0.8	10	WKL	
MO-FIL	2018/19-3	Wet	1/6/2019 9:34:00 AM	1/31/2019 3:11:00 AM	PCB Aroclor 1260	n/a	<	0.8	µg/L	EPA 608	0.8	10	WKL	
MO-FIL	2018/19-3	Wet	1/6/2019 9:34:00 AM	1/16/2019 8:46:00 AM	2,4,5-T	n/a	<	0.07	µg/L	EPA 515.3	0.07	0.2	WKL	
MO-FIL	2018/19-3	Wet	1/6/2019 9:34:00 AM	1/16/2019 8:46:00 AM	2,4,5-TP	n/a	<	0.09	µg/L	EPA 515.3	0.09	0.2	WKL	
MO-FIL	2018/19-3	Wet	1/6/2019 9:34:00 AM	1/16/2019 8:46:00 AM	2,4-D	n/a	<	0.07	µg/L	EPA 515.3	0.07	0.4	WKL	
MO-FIL	2018/19-3	Wet	1/6/2019 9:34:00 AM	1/16/2019 8:46:00 AM	2,4-DB	n/a	DNQ	0.18	µg/L	EPA 515.3	0.07	2	WKL	
MO-FIL	2018/19-3	Wet	1/6/2019 9:34:00 AM	1/16/2019 8:46:00 AM	3,5-Dichlorobenzoic acid	n/a	<	0.09	µg/L	EPA 515.3	0.09	1	WKL	
MO-FIL	2018/19-3	Wet	1/6/2019 9:34:00 AM	1/31/2019 3:11:00 AM	4,4'-DDD	n/a	<	0.06	µg/L	EPA 608	0.06	1	WKL	
MO-FIL	2018/19-3	Wet	1/6/2019 9:34:00 AM	1/31/2019 3:11:00 AM	4,4'-DDE	n/a	<	0.05	µg/L	EPA 608	0.05	1	WKL	
MO-FIL	2018/19-3	Wet	1/6/2019 9:34:00 AM	1/31/2019 3:11:00 AM	4,4'-DDT	n/a	<	0.062	µg/L	EPA 608	0.062	0.2	WKL	
MO-FIL	2018/19-3	Wet	1/6/2019 9:34:00 AM	1/16/2019 8:46:00 AM	Acifluorfen	n/a	<	0.06	µg/L	EPA 515.3	0.06	0.4	WKL	
MO-FIL	2018/19-3	Wet	1/6/2019 9:34:00 AM	2/2/2019 12:39:00 AM	Alachlor	n/a	<	0.11	µg/L	EPA 525.2	0.11	0.5	WKL	
MO-FIL	2018/19-3	Wet	1/6/2019 9:34:00 AM	1/31/2019 3:11:00 AM	Aldrin	n/a	<	0.03	µg/L	EPA 608	0.03	0.1	WKL	
MO-FIL	2018/19-3	Wet	1/6/2019 9:34:00 AM	1/31/2019 3:11:00 AM	alpha-BHC	n/a	<	0.036	µg/L	EPA 608	0.036	0.2	WKL	
MO-FIL	2018/19-3	Wet	1/6/2019 9:34:00 AM	1/31/2019 3:11:00 AM	alpha-Chlordane	n/a	<	0.082	µg/L	EPA 608	0.082	0.2	WKL	
MO-FIL	2018/19-3	Wet	1/6/2019 9:34:00 AM	2/2/2019 12:39:00 AM	Atrazine	n/a	<	0.17	µg/L	EPA 525.2	0.17	0.5	WKL	
MO-FIL	2018/19-3	Wet	1/6/2019 9:34:00 AM	1/26/2019 2:31:00 AM	Azinphos methyl	n/a	<	0.055	µg/L	EPA 525.2m	0.055	0.1	WKL	
MO-FIL	2018/19-3	Wet	1/6/2019 9:34:00 AM	1/16/2019 8:46:00 AM	Bentazon	n/a	<	0.11	µg/L	EPA 515.3	0.11	2	WKL	
MO-FIL	2018/19-3	Wet	1/6/2019 9:34:00 AM	1/31/2019 3:11:00 AM	beta-BHC	n/a	<	0.062	µg/L	EPA 608	0.062	0.1	WKL	

Appendix G
Laboratory Environmental Analysis Results

Site ID	Event	Event Type	Sample Date	Analysis Date	Constituent	Fraction	Sign	Result	Units	Method	MDL	Reporting Limit	Analyzing Laboratory	Qualifier
MO-FIL	2018/19-3	Wet	1/6/2019 9:34:00 AM	1/26/2019 2:31:00 AM	Bolstar	n/a	<	0.046	µg/L	EPA 525.2m	0.046	0.1	WKL	
MO-FIL	2018/19-3	Wet	1/6/2019 9:34:00 AM	2/2/2019 12:39:00 AM	Bromacil	n/a	<	0.19	µg/L	EPA 525.2	0.19	5	WKL	
MO-FIL	2018/19-3	Wet	1/6/2019 9:34:00 AM	2/2/2019 12:39:00 AM	Butachlor	n/a	<	0.085	µg/L	EPA 525.2	0.085	1	WKL	
MO-FIL	2018/19-3	Wet	1/6/2019 9:34:00 AM	2/2/2019 12:39:00 AM	Captan	n/a	<	4.3	µg/L	EPA 525.2	4.3	5	WKL	LB-LCSR
MO-FIL	2018/19-3	Wet	1/6/2019 9:34:00 AM	1/31/2019 3:11:00 AM	Chlordane (technical)	n/a	<	1.6	µg/L	EPA 608	1.6	2	WKL	
MO-FIL	2018/19-3	Wet	1/6/2019 9:34:00 AM	2/2/2019 12:39:00 AM	Chlorpropham	n/a	<	0.05	µg/L	EPA 525.2	0.05	0.5	WKL	
MO-FIL	2018/19-3	Wet	1/6/2019 9:34:00 AM	1/26/2019 2:31:00 AM	Chlorpyrifos	n/a	<	0.069	µg/L	EPA 525.2m	0.069	0.1	WKL	
MO-FIL	2018/19-3	Wet	1/6/2019 9:34:00 AM	1/26/2019 2:31:00 AM	Coumaphos	n/a	<	0.051	µg/L	EPA 525.2m	0.051	0.1	WKL	
MO-FIL	2018/19-3	Wet	1/6/2019 9:34:00 AM	2/2/2019 12:39:00 AM	Cyanazine	n/a	<	0.12	µg/L	EPA 525.2	0.12	0.5	WKL	
MO-FIL	2018/19-3	Wet	1/6/2019 9:34:00 AM	1/16/2019 8:46:00 AM	Dalapon	n/a	<	0.1	µg/L	EPA 515.3	0.1	0.4	WKL	
MO-FIL	2018/19-3	Wet	1/6/2019 9:34:00 AM	1/16/2019 8:46:00 AM	DCCA (Dacthal)	n/a	<	0.07	µg/L	EPA 515.3	0.07	0.1	WKL	
MO-FIL	2018/19-3	Wet	1/6/2019 9:34:00 AM	1/31/2019 3:11:00 AM	delta-BHC	n/a	<	0.05	µg/L	EPA 608	0.05	0.1	WKL	
MO-FIL	2018/19-3	Wet	1/6/2019 9:34:00 AM	1/26/2019 2:31:00 AM	Demeton-O	n/a	<	0.1	µg/L	EPA 525.2m	0.1	0.1	WKL	
MO-FIL	2018/19-3	Wet	1/6/2019 9:34:00 AM	1/26/2019 2:31:00 AM	Demeton-S	n/a	<	0.1	µg/L	EPA 525.2m	0.1	0.1	WKL	
MO-FIL	2018/19-3	Wet	1/6/2019 9:34:00 AM	2/2/2019 12:39:00 AM	Diazinon	n/a	<	0.48	µg/L	EPA 525.2	0.48	0.5	WKL	
MO-FIL	2018/19-3	Wet	1/6/2019 9:34:00 AM	1/26/2019 2:31:00 AM	Diazinon	n/a	<	0.052	µg/L	EPA 525.2m	0.052	0.1	WKL	
MO-FIL	2018/19-3	Wet	1/6/2019 9:34:00 AM	1/16/2019 8:46:00 AM	Dicamba	n/a	<	0.12	µg/L	EPA 515.3	0.12	0.6	WKL	
MO-FIL	2018/19-3	Wet	1/6/2019 9:34:00 AM	1/16/2019 8:46:00 AM	Dichlorprop	n/a	<	0.08	µg/L	EPA 515.3	0.08	0.3	WKL	
MO-FIL	2018/19-3	Wet	1/6/2019 9:34:00 AM	1/26/2019 2:31:00 AM	Dichlorvos	n/a	<	0.029	µg/L	EPA 525.2m	0.029	0.1	WKL	
MO-FIL	2018/19-3	Wet	1/6/2019 9:34:00 AM	1/31/2019 3:11:00 AM	Dieldrin	n/a	<	0.042	µg/L	EPA 608	0.042	0.2	WKL	
MO-FIL	2018/19-3	Wet	1/6/2019 9:34:00 AM	2/2/2019 12:39:00 AM	Dimethoate	n/a	<	0.12	µg/L	EPA 525.2	0.12	1	WKL	
MO-FIL	2018/19-3	Wet	1/6/2019 9:34:00 AM	1/26/2019 2:31:00 AM	Dimethoate	n/a	<	0.062	µg/L	EPA 525.2m	0.062	0.1	WKL	
MO-FIL	2018/19-3	Wet	1/6/2019 9:34:00 AM	1/16/2019 8:46:00 AM	Dinoseb	n/a	<	0.14	µg/L	EPA 515.3	0.14	0.4	WKL	
MO-FIL	2018/19-3	Wet	1/6/2019 9:34:00 AM	2/2/2019 12:39:00 AM	Diphenamid	n/a	<	0.12	µg/L	EPA 525.2	0.12	0.5	WKL	
MO-FIL	2018/19-3	Wet	1/6/2019 9:34:00 AM	2/2/2019 12:39:00 AM	Disulfoton	n/a	<	0.16	µg/L	EPA 525.2	0.16	0.5	WKL	
MO-FIL	2018/19-3	Wet	1/6/2019 9:34:00 AM	1/26/2019 2:31:00 AM	Disulfoton	n/a	<	0.1	µg/L	EPA 525.2m	0.1	0.1	WKL	
MO-FIL	2018/19-3	Wet	1/6/2019 9:34:00 AM	1/31/2019 3:11:00 AM	Endosulfan I	n/a	<	0.034	µg/L	EPA 608	0.034	0.4	WKL	
MO-FIL	2018/19-3	Wet	1/6/2019 9:34:00 AM	1/31/2019 3:11:00 AM	Endosulfan II	n/a	<	0.038	µg/L	EPA 608	0.038	0.2	WKL	
MO-FIL	2018/19-3	Wet	1/6/2019 9:34:00 AM	1/31/2019 3:11:00 AM	Endosulfan sulfate	n/a	<	0.16	µg/L	EPA 608	0.16	1	WKL	
MO-FIL	2018/19-3	Wet	1/6/2019 9:34:00 AM	1/31/2019 3:11:00 AM	Endrin	n/a	<	0.056	µg/L	EPA 608	0.056	0.2	WKL	
MO-FIL	2018/19-3	Wet	1/6/2019 9:34:00 AM	1/31/2019 3:11:00 AM	Endrin aldehyde	n/a	<	0.06	µg/L	EPA 608	0.06	0.2	WKL	LB-LCSR
MO-FIL	2018/19-3	Wet	1/6/2019 9:34:00 AM	2/2/2019 12:39:00 AM	EPTC	n/a	<	0.085	µg/L	EPA 525.2	0.085	5	WKL	
MO-FIL	2018/19-3	Wet	1/6/2019 9:34:00 AM	1/26/2019 2:31:00 AM	Ethoprop	n/a	<	0.067	µg/L	EPA 525.2m	0.067	0.1	WKL	
MO-FIL	2018/19-3	Wet	1/6/2019 9:34:00 AM	1/26/2019 2:31:00 AM	Ethyl parathion	n/a	<	0.054	µg/L	EPA 525.2m	0.054	0.1	WKL	
MO-FIL	2018/19-3	Wet	1/6/2019 9:34:00 AM	1/26/2019 2:31:00 AM	Fensulfthion	n/a	<	0.029	µg/L	EPA 525.2m	0.029	0.1	WKL	
MO-FIL	2018/19-3	Wet	1/6/2019 9:34:00 AM	1/26/2019 2:31:00 AM	Fenthion	n/a	<	0.038	µg/L	EPA 525.2m	0.038	0.1	WKL	
MO-FIL	2018/19-3	Wet	1/6/2019 9:34:00 AM	1/31/2019 3:11:00 AM	gamma-BHC (Lindane)	n/a	<	0.042	µg/L	EPA 608	0.042	0.4	WKL	
MO-FIL	2018/19-3	Wet	1/6/2019 9:34:00 AM	1/31/2019 3:11:00 AM	gamma-Chlordane	n/a	<	0.088	µg/L	EPA 608	0.088	0.2	WKL	
MO-FIL	2018/19-3	Wet	1/6/2019 9:34:00 AM	1/10/2019 4:25:00 AM	Glyphosate	n/a	=	15	µg/L	EPA 547	1.8	5	WKL	
MO-FIL	2018/19-3	Wet	1/6/2019 9:34:00 AM	1/31/2019 3:11:00 AM	Heptachlor	n/a	<	0.034	µg/L	EPA 608	0.034	0.2	WKL	
MO-FIL	2018/19-3	Wet	1/6/2019 9:34:00 AM	1/31/2019 3:11:00 AM	Heptachlor epoxide	n/a	<	0.038	µg/L	EPA 608	0.038	0.2	WKL	
MO-FIL	2018/19-3	Wet	1/6/2019 9:34:00 AM	1/26/2019 2:31:00 AM	Malathion	n/a	<	0.076	µg/L	EPA 525.2m	0.076	0.1	WKL	
MO-FIL	2018/19-3	Wet	1/6/2019 9:34:00 AM	1/26/2019 2:31:00 AM	Merphos	n/a	<	0.058	µg/L	EPA 525.2m	0.058	0.1	WKL	
MO-FIL	2018/19-3	Wet	1/6/2019 9:34:00 AM	1/31/2019 3:11:00 AM	Methoxychlor	n/a	<	0.11	µg/L	EPA 608	0.11	0.4	WKL	
MO-FIL	2018/19-3	Wet	1/6/2019 9:34:00 AM	1/26/2019 2:31:00 AM	Methyl parathion	n/a	<	0.063	µg/L	EPA 525.2m	0.063	0.1	WKL	
MO-FIL	2018/19-3	Wet	1/6/2019 9:34:00 AM	2/2/2019 12:39:00 AM	Metolachlor	n/a	<	0.06	µg/L	EPA 525.2	0.06	0.5	WKL	
MO-FIL	2018/19-3	Wet	1/6/2019 9:34:00 AM	2/2/2019 12:39:00 AM	Metribuzin	n/a	<	0.075	µg/L	EPA 525.2	0.075	0.5	WKL	
MO-FIL	2018/19-3	Wet	1/6/2019 9:34:00 AM	1/26/2019 2:31:00 AM	Mevinphos	n/a	<	0.042	µg/L	EPA 525.2m	0.042	0.1	WKL	

Appendix G
Laboratory Environmental Analysis Results

Site ID	Event	Event Type	Sample Date	Analysis Date	Constituent	Fraction	Sign	Result	Units	Method	MDL	Reporting Limit	Analyzing Laboratory	Qualifier
MO-FIL	2018/19-3	Wet	1/6/2019 9:34:00 AM	2/2/2019 12:39:00 AM	Molinate	n/a	<	0.2	µg/L	EPA 525.2	0.2	0.5	WKL	
MO-FIL	2018/19-3	Wet	1/6/2019 9:34:00 AM	1/26/2019 2:31:00 AM	Naled	n/a	<	0.076	µg/L	EPA 525.2m	0.076	0.1	WKL	
MO-FIL	2018/19-3	Wet	1/6/2019 9:34:00 AM	1/16/2019 8:46:00 AM	Pentachlorophenol	n/a	DNQ	0.13	µg/L	EPA 515.3	0.04	0.2	WKL	
MO-FIL	2018/19-3	Wet	1/6/2019 9:34:00 AM	1/30/2019 5:00:00 AM	Pentachlorophenol	n/a	<	0.95	µg/L	EPA 625	0.95	5	WKL	
MO-FIL	2018/19-3	Wet	1/6/2019 9:34:00 AM	2/6/2019 12:49:00 AM	Pentachlorophenol	n/a	DNQ	1.1	µg/L	EPA 8270C	0.3	2	WKL	
MO-FIL	2018/19-3	Wet	1/6/2019 9:34:00 AM	1/26/2019 2:31:00 AM	Phorate	n/a	<	0.03	µg/L	EPA 525.2m	0.03	0.1	WKL	
MO-FIL	2018/19-3	Wet	1/6/2019 9:34:00 AM	1/16/2019 8:46:00 AM	Picloram	n/a	<	0.05	µg/L	EPA 515.3	0.05	0.6	WKL	
MO-FIL	2018/19-3	Wet	1/6/2019 9:34:00 AM	2/2/2019 12:39:00 AM	Prometon	n/a	<	0.12	µg/L	EPA 525.2	0.12	1	WKL	
MO-FIL	2018/19-3	Wet	1/6/2019 9:34:00 AM	2/2/2019 12:39:00 AM	Prometryn	n/a	<	0.18	µg/L	EPA 525.2	0.18	0.5	WKL	
MO-FIL	2018/19-3	Wet	1/6/2019 9:34:00 AM	1/26/2019 2:31:00 AM	Ronnel (Fenchlorphos)	n/a	<	0.041	µg/L	EPA 525.2m	0.041	0.1	WKL	
MO-FIL	2018/19-3	Wet	1/6/2019 9:34:00 AM	2/2/2019 12:39:00 AM	Simazine	n/a	DNQ	0.3	µg/L	EPA 525.2	0.075	0.5	WKL	
MO-FIL	2018/19-3	Wet	1/6/2019 9:34:00 AM	1/26/2019 2:31:00 AM	Stirophos (Tetrachlorvinphos)	n/a	<	0.031	µg/L	EPA 525.2m	0.031	0.1	WKL	
MO-FIL	2018/19-3	Wet	1/6/2019 9:34:00 AM	2/2/2019 12:39:00 AM	Terbacil	n/a	<	2.8	µg/L	EPA 525.2	2.8	10	WKL	
MO-FIL	2018/19-3	Wet	1/6/2019 9:34:00 AM	2/2/2019 12:39:00 AM	Thiobencarb	n/a	<	0.12	µg/L	EPA 525.2	0.12	1	WKL	
MO-FIL	2018/19-3	Wet	1/6/2019 9:34:00 AM	1/26/2019 2:31:00 AM	Tokuthion	n/a	<	0.078	µg/L	EPA 525.2m	0.078	0.1	WKL	
MO-FIL	2018/19-3	Wet	1/6/2019 9:34:00 AM	1/31/2019 3:11:00 AM	Toxaphene	n/a	<	2.4	µg/L	EPA 608	2.4	10	WKL	
MO-FIL	2018/19-3	Wet	1/6/2019 9:34:00 AM	1/26/2019 2:31:00 AM	Trichloronate	n/a	<	0.067	µg/L	EPA 525.2m	0.067	0.1	WKL	
MO-FIL	2018/19-3	Wet	1/6/2019 9:34:00 AM	2/2/2019 12:39:00 AM	Trithion	n/a	<	0.06	µg/L	EPA 525.2	0.06	0.5	WKL	
MO-FIL	2018/19-5	Dry	5/2/2019 9:20:00 AM	5/3/2019 1:00:00 PM	Chloride	n/a	=	67	mg/L	EPA 300.0	0.1	0.5	WKL	
MO-FIL	2018/19-5	Dry	5/2/2019 9:20:00 AM	5/3/2019 1:00:00 PM	Fluoride	n/a	=	1.1	mg/L	EPA 300.0	0.02	0.1	WKL	
MO-FIL	2018/19-5	Dry	5/2/2019 9:20:00 AM	5/14/2019 6:05:00 PM	Perchlorate	n/a	<	1.9	µg/L	EPA 314.0	1.9	4	WKL	
MO-FIL	2018/19-5	Dry	5/2/2019 9:20:00 AM	5/3/2019 1:00:00 PM	Sulfate	Total	=	360	mg/L	EPA 300.0	0.3	1.5	WKL	
MO-FIL	2018/19-5	Dry	5/2/2019 9:20:00 AM	5/3/2019 7:30:00 AM	E. Coli	n/a	=	645	MPN/100 mL	MMO-MUG	10	10	VCHCA	
MO-FIL	2018/19-5	Dry	5/2/2019 9:20:00 AM	5/3/2019 7:30:00 AM	Total Coliform	n/a	=	24890	MPN/100 mL	MMO-MUG	100	100	VCHCA	
MO-FIL	2018/19-5	Dry	5/2/2019 9:20:00 AM	5/10/2019 3:44:00 PM	Calcium	Total	=	133	mg/L	EPA 200.7	0.016	0.1	WKL	
MO-FIL	2018/19-5	Dry	5/2/2019 9:20:00 AM	5/10/2019 3:44:00 PM	Magnesium	Total	=	38.5	mg/L	EPA 200.7	0.012	0.1	WKL	
MO-FIL	2018/19-5	Dry	5/2/2019 9:20:00 AM	5/10/2019 3:44:00 PM	Potassium	Total	=	4.5	mg/L	EPA 200.7	0.081	0.1	WKL	
MO-FIL	2018/19-5	Dry	5/2/2019 9:20:00 AM	5/10/2019 3:44:00 PM	Sodium	Total	=	78	mg/L	EPA 200.7	0.015	0.5	WKL	
MO-FIL	2018/19-5	Dry	5/2/2019 9:20:00 AM	5/6/2019 2:28:00 PM	Alkalinity as CaCO3	n/a	=	210	mg/L	SM 2320 B	0.56	2	WKL	
MO-FIL	2018/19-5	Dry	5/2/2019 9:20:00 AM	5/3/2019 5:50:00 PM	BOD	n/a	<	2	mg/L	SM 5210 B	2	2	WKL	
MO-FIL	2018/19-5	Dry	5/2/2019 9:20:00 AM	5/8/2019 1:12:00 PM	COD	n/a	<	0.73	mg/L	EPA 410.4	0.73	5	WKL	
MO-FIL	2018/19-5	Dry	5/2/2019 9:20:00 AM	5/2/2019 9:20:00 AM	Conductivity	n/a	=	1055	µmhos/cm	Field Meter	-88	1	Field Crew	
MO-FIL	2018/19-5	Dry	5/2/2019 9:20:00 AM	5/7/2019 5:21:00 PM	Cyanide	Total	<	0.0005	mg/L	ASTM D7511	0.0005	0.002	WKL	
MO-FIL	2018/19-5	Dry	5/2/2019 9:20:00 AM	5/7/2019 2:02:00 PM	Dissolved Inorganic Carbon	Dissolved	=	49	mg/L	SM 5310 B	0.016	0.5	WKL	
MO-FIL	2018/19-5	Dry	5/2/2019 9:20:00 AM	5/9/2019 4:20:00 PM	Dissolved Organic Carbon	Dissolved	=	3.1	mg/L	SM 5310 B	0.013	0.3	WKL	
MO-FIL	2018/19-5	Dry	5/2/2019 9:20:00 AM	5/2/2019 9:20:00 AM	DO	n/a	=	11.67	mg/L	Field Meter	-88	0.3	Field Crew	
MO-FIL	2018/19-5	Dry	5/2/2019 9:20:00 AM	5/2/2019 9:20:00 AM	DO	n/a	=	121.6	%	Field Meter	-88	0.1	Field Crew	
MO-FIL	2018/19-5	Dry	5/2/2019 9:20:00 AM	5/10/2019 3:44:00 PM	Hardness as CaCO3	Total	=	492	mg/L	EPA 200.7	0.0894	0.662	WKL	
MO-FIL	2018/19-5	Dry	5/2/2019 9:20:00 AM	5/2/2019 5:39:00 PM	MBAS	n/a	=	0.065	mg/L	SM 5540 C	0.019	0.05	WKL	
MO-FIL	2018/19-5	Dry	5/2/2019 9:20:00 AM	5/2/2019 9:20:00 AM	pH	n/a	=	8.53	pH Units	Field Meter	-88	0.01	Field Crew	
MO-FIL	2018/19-5	Dry	5/2/2019 9:20:00 AM	5/10/2019 4:23:00 PM	Phenolics	n/a	<	0.0042	mg/L	EPA 420.4	0.0042	0.01	WKL	
MO-FIL	2018/19-5	Dry	5/2/2019 9:20:00 AM	5/2/2019 9:20:00 AM	Salinity	n/a	=	600	mg/L	Field Meter	-88	100	Field Crew	
MO-FIL	2018/19-5	Dry	5/2/2019 9:20:00 AM	5/3/2019 1:23:00 PM	Specific Conductance	n/a	=	1400	µmhos/cm	SM 2510 B	2.8	6	WKL	
MO-FIL	2018/19-5	Dry	5/2/2019 9:20:00 AM	5/2/2019 9:20:00 AM	Specific Conductance	n/a	=	1220	µmhos/cm	Field Meter	-88	1	Field Crew	
MO-FIL	2018/19-5	Dry	5/2/2019 9:20:00 AM	5/2/2019 9:20:00 AM	Temperature	n/a	=	17.9	°C	Field Meter	-88	0.1	Field Crew	
MO-FIL	2018/19-5	Dry	5/2/2019 9:20:00 AM	5/3/2019 1:09:00 PM	Total Chlorine Residual	n/a	DNQ	0.044	mg/L	SM 4500-Cl G	0.0015	0.05	WKL	ST-HT, LB-MSH
MO-FIL	2018/19-5	Dry	5/2/2019 9:20:00 AM	5/3/2019 5:50:00 PM	Total Dissolved Solids	n/a	=	810	mg/L	SM 2540 C	4	10	WKL	
MO-FIL	2018/19-5	Dry	5/2/2019 9:20:00 AM	5/8/2019 12:14:00 PM	Total Organic Carbon	n/a	=	2.9	mg/L	SM 5310 B	0.009	0.3	WKL	

Appendix G
Laboratory Environmental Analysis Results

Site ID	Event	Event Type	Sample Date	Analysis Date	Constituent	Fraction	Sign	Result	Units	Method	MDL	Reporting Limit	Analyzing Laboratory	Qualifier
MO-FIL	2018/19-5	Dry	5/2/2019 9:20:00 AM	5/7/2019 11:55:00 AM	Total Suspended Solids	n/a	DNQ	0.1	mg/L	SM 2540 D	-88	5	WKL	UL-MB
MO-FIL	2018/19-5	Dry	5/2/2019 9:20:00 AM	5/2/2019 5:30:00 PM	Turbidity	n/a	=	1.4	NTU	EPA 180.1	0.024	0.1	WKL	
MO-FIL	2018/19-5	Dry	5/2/2019 9:20:00 AM	5/7/2019 11:55:00 AM	Volatile Suspended Solids	n/a	<	3.1	mg/L	EPA 160.4	3.1	5	WKL	
MO-FIL	2018/19-5	Dry	5/2/2019 9:20:00 AM	5/18/2019 6:23:00 AM	Diesel Range Organics	n/a	DNQ	0.049	mg/L	EPA 8015D	0.024	0.1	WKL	UL-MB
MO-FIL	2018/19-5	Dry	5/2/2019 9:20:00 AM	5/6/2019 4:35:00 PM	Gasoline Range Organics	n/a	<	0.012	mg/L	LUFT GC/MS	0.012	0.1	WKL	
MO-FIL	2018/19-5	Dry	5/2/2019 9:20:00 AM	5/3/2019 2:30:00 PM	Oil and Grease	n/a	<	1.3	mg/L	EPA 1664A	1.3	5	WKL	
MO-FIL	2018/19-5	Dry	5/2/2019 9:20:00 AM	5/18/2019 6:23:00 AM	Oil Range Organics	n/a	<	0.33	mg/L	EPA 8015D	0.33	0.5	WKL	
MO-FIL	2018/19-5	Dry	5/2/2019 9:20:00 AM	5/8/2019 5:35:00 PM	Aluminum	Dissolved	DNQ	3.9	µg/L	EPA 200.8	1.3	5	WKL	
MO-FIL	2018/19-5	Dry	5/2/2019 9:20:00 AM	5/8/2019 5:39:00 PM	Aluminum	Total	=	10	µg/L	EPA 200.8	1.3	5	WKL	
MO-FIL	2018/19-5	Dry	5/2/2019 9:20:00 AM	5/8/2019 5:35:00 PM	Antimony	Dissolved	DNQ	0.29	µg/L	EPA 200.8	0.045	0.5	WKL	
MO-FIL	2018/19-5	Dry	5/2/2019 9:20:00 AM	5/8/2019 5:39:00 PM	Antimony	Total	DNQ	0.28	µg/L	EPA 200.8	0.045	0.5	WKL	
MO-FIL	2018/19-5	Dry	5/2/2019 9:20:00 AM	5/8/2019 5:35:00 PM	Arsenic	Dissolved	=	0.5	µg/L	EPA 200.8	0.074	0.4	WKL	
MO-FIL	2018/19-5	Dry	5/2/2019 9:20:00 AM	5/8/2019 5:39:00 PM	Arsenic	Total	=	0.5	µg/L	EPA 200.8	0.074	0.4	WKL	
MO-FIL	2018/19-5	Dry	5/2/2019 9:20:00 AM	5/8/2019 5:35:00 PM	Barium	Total	=	26	µg/L	EPA 200.8	0.071	0.5	WKL	
MO-FIL	2018/19-5	Dry	5/2/2019 9:20:00 AM	5/8/2019 5:35:00 PM	Beryllium	Dissolved	<	0.033	µg/L	EPA 200.8	0.033	0.1	WKL	
MO-FIL	2018/19-5	Dry	5/2/2019 9:20:00 AM	5/8/2019 5:39:00 PM	Beryllium	Total	<	0.033	µg/L	EPA 200.8	0.033	0.1	WKL	
MO-FIL	2018/19-5	Dry	5/2/2019 9:20:00 AM	5/8/2019 5:35:00 PM	Cadmium	Dissolved	DNQ	0.094	µg/L	EPA 200.8	0.041	0.1	WKL	
MO-FIL	2018/19-5	Dry	5/2/2019 9:20:00 AM	5/8/2019 5:39:00 PM	Cadmium	Total	=	0.11	µg/L	EPA 200.8	0.041	0.1	WKL	
MO-FIL	2018/19-5	Dry	5/2/2019 9:20:00 AM	5/8/2019 5:35:00 PM	Chromium	Dissolved	=	0.39	µg/L	EPA 200.8	0.035	0.2	WKL	
MO-FIL	2018/19-5	Dry	5/2/2019 9:20:00 AM	5/8/2019 5:39:00 PM	Chromium	Total	=	0.34	µg/L	EPA 200.8	0.035	0.2	WKL	
MO-FIL	2018/19-5	Dry	5/2/2019 9:20:00 AM	5/6/2019 3:57:00 PM	Chromium VI	n/a	=	0.27	µg/L	EPA 218.6	0.0048	0.2	WKL	
MO-FIL	2018/19-5	Dry	5/2/2019 9:20:00 AM	5/8/2019 5:35:00 PM	Copper	Dissolved	=	3	µg/L	EPA 200.8	0.13	0.5	WKL	
MO-FIL	2018/19-5	Dry	5/2/2019 9:20:00 AM	5/8/2019 5:39:00 PM	Copper	Total	=	3.5	µg/L	EPA 200.8	0.13	0.5	WKL	
MO-FIL	2018/19-5	Dry	5/2/2019 9:20:00 AM	5/10/2019 3:02:00 PM	Iron	Dissolved	=	16	µg/L	EPA 200.7	1.1	10	WKL	UL-MB
MO-FIL	2018/19-5	Dry	5/2/2019 9:20:00 AM	5/10/2019 3:44:00 PM	Iron	Total	=	16	µg/L	EPA 200.7	1.1	10	WKL	HB-MSR
MO-FIL	2018/19-5	Dry	5/2/2019 9:20:00 AM	5/8/2019 5:35:00 PM	Lead	Dissolved	<	0.031	µg/L	EPA 200.8	0.031	0.2	WKL	
MO-FIL	2018/19-5	Dry	5/2/2019 9:20:00 AM	5/8/2019 5:39:00 PM	Lead	Total	DNQ	0.052	µg/L	EPA 200.8	0.031	0.2	WKL	
MO-FIL	2018/19-5	Dry	5/2/2019 9:20:00 AM	5/9/2019 4:03:00 PM	Mercury	Dissolved	<	17	ng/L	EPA 245.1	17	50	WKL	
MO-FIL	2018/19-5	Dry	5/2/2019 9:20:00 AM	5/9/2019 4:04:00 PM	Mercury	Total	<	17	ng/L	EPA 245.1	17	50	WKL	
MO-FIL	2018/19-5	Dry	5/2/2019 9:20:00 AM	5/8/2019 5:35:00 PM	Nickel	Dissolved	DNQ	0.76	µg/L	EPA 200.8	0.045	0.8	WKL	UL-MB
MO-FIL	2018/19-5	Dry	5/2/2019 9:20:00 AM	5/8/2019 5:39:00 PM	Nickel	Total	DNQ	0.61	µg/L	EPA 200.8	0.045	0.8	WKL	UL-MB
MO-FIL	2018/19-5	Dry	5/2/2019 9:20:00 AM	5/8/2019 5:35:00 PM	Selenium	Dissolved	=	4.6	µg/L	EPA 200.8	0.14	0.4	WKL	
MO-FIL	2018/19-5	Dry	5/2/2019 9:20:00 AM	5/8/2019 5:39:00 PM	Selenium	Total	=	4.8	µg/L	EPA 200.8	0.14	0.4	WKL	
MO-FIL	2018/19-5	Dry	5/2/2019 9:20:00 AM	5/8/2019 5:35:00 PM	Silver	Dissolved	<	0.062	µg/L	EPA 200.8	0.062	0.2	WKL	
MO-FIL	2018/19-5	Dry	5/2/2019 9:20:00 AM	5/8/2019 5:39:00 PM	Silver	Total	<	0.062	µg/L	EPA 200.8	0.062	0.2	WKL	
MO-FIL	2018/19-5	Dry	5/2/2019 9:20:00 AM	5/8/2019 5:35:00 PM	Thallium	Dissolved	<	0.014	µg/L	EPA 200.8	0.014	0.2	WKL	
MO-FIL	2018/19-5	Dry	5/2/2019 9:20:00 AM	5/8/2019 5:39:00 PM	Thallium	Total	<	0.014	µg/L	EPA 200.8	0.014	0.2	WKL	
MO-FIL	2018/19-5	Dry	5/2/2019 9:20:00 AM	5/8/2019 5:35:00 PM	Zinc	Dissolved	=	5.2	µg/L	EPA 200.8	0.94	5	WKL	
MO-FIL	2018/19-5	Dry	5/2/2019 9:20:00 AM	5/8/2019 5:39:00 PM	Zinc	Total	=	5.9	µg/L	EPA 200.8	0.94	5	WKL	
MO-FIL	2018/19-5	Dry	5/2/2019 9:20:00 AM	5/4/2019 1:05:00 PM	Ammonia as N	n/a	<	0.048	mg/L	EPA 350.1	0.048	0.1	WKL	
MO-FIL	2018/19-5	Dry	5/2/2019 9:20:00 AM	5/3/2019 5:30:00 PM	Nitrate + Nitrite as N	n/a	=	1.1	mg/L	EPA 353.2	0.083	0.2	WKL	
MO-FIL	2018/19-5	Dry	5/2/2019 9:20:00 AM	5/3/2019 5:30:00 PM	Nitrate as N	n/a	=	1.1	mg/L	EPA 353.2	0.083	0.2	WKL	
MO-FIL	2018/19-5	Dry	5/2/2019 9:20:00 AM	5/10/2019 3:02:00 PM	Phosphorus as P	Dissolved	=	0.12	mg/L	EPA 200.7	0.012	0.02	WKL	
MO-FIL	2018/19-5	Dry	5/2/2019 9:20:00 AM	5/14/2019 1:36:00 PM	Phosphorus as P	Dissolved	=	0.11	mg/L	EPA 365.1	0.0014	0.01	WKL	
MO-FIL	2018/19-5	Dry	5/2/2019 9:20:00 AM	5/10/2019 3:44:00 PM	Phosphorus as P	Total	=	0.11	mg/L	EPA 200.7	0.012	0.02	WKL	
MO-FIL	2018/19-5	Dry	5/2/2019 9:20:00 AM	5/14/2019 1:59:00 PM	Phosphorus as P	Total	=	0.36	mg/L	EPA 365.1	0.0028	0.02	WKL	
MO-FIL	2018/19-5	Dry	5/2/2019 9:20:00 AM	5/10/2019 1:39:00 PM	TKN	n/a	<	0.05	mg/L	EPA 351.2	0.05	0.1	WKL	
MO-FIL	2018/19-5	Dry	5/2/2019 9:20:00 AM	6/1/2019 5:56:00 AM	1,2,4-Trichlorobenzene	n/a	<	2.8	µg/L	EPA 625	2.8	5	WKL	

Appendix G
Laboratory Environmental Analysis Results

Site ID	Event	Event Type	Sample Date	Analysis Date	Constituent	Fraction	Sign	Result	Units	Method	MDL	Reporting Limit	Analyzing Laboratory	Qualifier
MO-FIL	2018/19-5	Dry	5/2/2019 9:20:00 AM	6/1/2019 5:56:00 AM	1,2-Dichlorobenzene	n/a	<	2.8	µg/L	EPA 625	2.8	5	WKL	
MO-FIL	2018/19-5	Dry	5/2/2019 9:20:00 AM	6/1/2019 5:56:00 AM	1,2-Diphenylhydrazine	n/a	<	1.2	µg/L	EPA 625	1.2	5	WKL	
MO-FIL	2018/19-5	Dry	5/2/2019 9:20:00 AM	6/1/2019 5:56:00 AM	1,3-Dichlorobenzene	n/a	<	2.6	µg/L	EPA 625	2.6	5	WKL	
MO-FIL	2018/19-5	Dry	5/2/2019 9:20:00 AM	6/1/2019 5:56:00 AM	1,4-Dichlorobenzene	n/a	<	2.8	µg/L	EPA 625	2.8	5	WKL	
MO-FIL	2018/19-5	Dry	5/2/2019 9:20:00 AM	6/8/2019 1:49:00 AM	1-Methylnaphthalene	n/a	<	0.1	µg/L	EPA 8270C	0.1	0.1	WKL	
MO-FIL	2018/19-5	Dry	5/2/2019 9:20:00 AM	5/21/2019 5:39:00 PM	2,4,5-Trichlorophenol	n/a	<	0.29	µg/L	EPA 8270C	0.29	1	WKL	
MO-FIL	2018/19-5	Dry	5/2/2019 9:20:00 AM	6/1/2019 5:56:00 AM	2,4,6-Trichlorophenol	n/a	<	1.1	µg/L	EPA 625	1.1	5	WKL	
MO-FIL	2018/19-5	Dry	5/2/2019 9:20:00 AM	5/21/2019 5:39:00 PM	2,4,6-Trichlorophenol	n/a	<	0.3	µg/L	EPA 8270C	0.3	1	WKL	
MO-FIL	2018/19-5	Dry	5/2/2019 9:20:00 AM	5/21/2019 5:39:00 PM	2,4-Dichlorophenol	n/a	<	0.51	µg/L	EPA 8270C	0.51	1	WKL	
MO-FIL	2018/19-5	Dry	5/2/2019 9:20:00 AM	6/1/2019 5:56:00 AM	2,4-Dichlorophenol	n/a	<	1.3	µg/L	EPA 625	1.3	5	WKL	
MO-FIL	2018/19-5	Dry	5/2/2019 9:20:00 AM	6/1/2019 5:56:00 AM	2,4-Dimethylphenol	n/a	<	1.5	µg/L	EPA 625	1.5	5	WKL	
MO-FIL	2018/19-5	Dry	5/2/2019 9:20:00 AM	5/21/2019 5:39:00 PM	2,4-Dimethylphenol	n/a	<	1	µg/L	EPA 8270C	1	2	WKL	
MO-FIL	2018/19-5	Dry	5/2/2019 9:20:00 AM	6/1/2019 5:56:00 AM	2,4-Dinitrophenol	n/a	<	7.9	µg/L	EPA 625	7.9	50	WKL	
MO-FIL	2018/19-5	Dry	5/2/2019 9:20:00 AM	5/21/2019 5:39:00 PM	2,4-Dinitrophenol	n/a	<	1	µg/L	EPA 8270C	1	2	WKL	
MO-FIL	2018/19-5	Dry	5/2/2019 9:20:00 AM	6/1/2019 5:56:00 AM	2,4-Dinitrotoluene	n/a	<	0.9	µg/L	EPA 625	0.9	5	WKL	
MO-FIL	2018/19-5	Dry	5/2/2019 9:20:00 AM	6/1/2019 5:56:00 AM	2,6-Dinitrotoluene	n/a	<	1.4	µg/L	EPA 625	1.4	5	WKL	
MO-FIL	2018/19-5	Dry	5/2/2019 9:20:00 AM	5/3/2019 1:22:00 PM	2-Chloroethyl vinyl ether	n/a	<	0.28	µg/L	EPA 624	0.28	1	WKL	
MO-FIL	2018/19-5	Dry	5/2/2019 9:20:00 AM	6/1/2019 5:56:00 AM	2-Chloronaphthalene	n/a	<	2.2	µg/L	EPA 625	2.2	5	WKL	
MO-FIL	2018/19-5	Dry	5/2/2019 9:20:00 AM	6/1/2019 5:56:00 AM	2-Chlorophenol	n/a	<	1.4	µg/L	EPA 625	1.4	5	WKL	
MO-FIL	2018/19-5	Dry	5/2/2019 9:20:00 AM	5/21/2019 5:39:00 PM	2-Chlorophenol	n/a	<	0.65	µg/L	EPA 8270C	0.65	1	WKL	
MO-FIL	2018/19-5	Dry	5/2/2019 9:20:00 AM	6/8/2019 1:49:00 AM	2-Methylnaphthalene	n/a	<	0.1	µg/L	EPA 8270C	0.1	0.1	WKL	
MO-FIL	2018/19-5	Dry	5/2/2019 9:20:00 AM	5/21/2019 5:39:00 PM	2-Methylphenol	n/a	<	0.34	µg/L	EPA 8270C	0.34	1	WKL	
MO-FIL	2018/19-5	Dry	5/2/2019 9:20:00 AM	5/21/2019 5:39:00 PM	2-Nitrophenol	n/a	<	0.71	µg/L	EPA 8270C	0.71	1	WKL	
MO-FIL	2018/19-5	Dry	5/2/2019 9:20:00 AM	6/1/2019 5:56:00 AM	2-Nitrophenol	n/a	<	1.3	µg/L	EPA 625	1.3	5	WKL	
MO-FIL	2018/19-5	Dry	5/2/2019 9:20:00 AM	6/1/2019 5:56:00 AM	3,3'-Dichlorobenzidine	n/a	<	6	µg/L	EPA 625	6	25	WKL	
MO-FIL	2018/19-5	Dry	5/2/2019 9:20:00 AM	5/21/2019 5:39:00 PM	3-/4-Methylphenol	n/a	<	0.3	µg/L	EPA 8270C	0.3	1	WKL	
MO-FIL	2018/19-5	Dry	5/2/2019 9:20:00 AM	6/1/2019 5:56:00 AM	4,6-Dinitro-2-methylphenol	n/a	<	8.6	µg/L	EPA 625	8.6	25	WKL	
MO-FIL	2018/19-5	Dry	5/2/2019 9:20:00 AM	5/21/2019 5:39:00 PM	4,6-Dinitro-2-methylphenol	n/a	<	0.14	µg/L	EPA 8270C	0.14	1	WKL	
MO-FIL	2018/19-5	Dry	5/2/2019 9:20:00 AM	6/1/2019 5:56:00 AM	4-Bromophenyl phenyl ether	n/a	<	1.8	µg/L	EPA 625	1.8	5	WKL	
MO-FIL	2018/19-5	Dry	5/2/2019 9:20:00 AM	6/1/2019 5:56:00 AM	4-Chloro-3-methylphenol	n/a	<	1.2	µg/L	EPA 625	1.2	5	WKL	
MO-FIL	2018/19-5	Dry	5/2/2019 9:20:00 AM	5/21/2019 5:39:00 PM	4-Chloro-3-methylphenol	n/a	<	0.37	µg/L	EPA 8270C	0.37	1	WKL	
MO-FIL	2018/19-5	Dry	5/2/2019 9:20:00 AM	6/1/2019 5:56:00 AM	4-Chlorophenyl phenyl ether	n/a	<	2	µg/L	EPA 625	2	5	WKL	
MO-FIL	2018/19-5	Dry	5/2/2019 9:20:00 AM	6/1/2019 5:56:00 AM	4-Nitrophenol	n/a	<	2.2	µg/L	EPA 625	2.2	25	WKL	
MO-FIL	2018/19-5	Dry	5/2/2019 9:20:00 AM	5/21/2019 5:39:00 PM	4-Nitrophenol	n/a	<	1	µg/L	EPA 8270C	1	2	WKL	
MO-FIL	2018/19-5	Dry	5/2/2019 9:20:00 AM	6/1/2019 5:56:00 AM	Acenaphthene	n/a	<	1.9	µg/L	EPA 625	1.9	5	WKL	
MO-FIL	2018/19-5	Dry	5/2/2019 9:20:00 AM	6/8/2019 1:49:00 AM	Acenaphthene	n/a	<	0.1	µg/L	EPA 8270C	0.1	0.1	WKL	
MO-FIL	2018/19-5	Dry	5/2/2019 9:20:00 AM	6/8/2019 1:49:00 AM	Acenaphthylene	n/a	<	0.1	µg/L	EPA 8270C	0.1	0.1	WKL	
MO-FIL	2018/19-5	Dry	5/2/2019 9:20:00 AM	6/1/2019 5:56:00 AM	Acenaphthylene	n/a	<	2	µg/L	EPA 625	2	5	WKL	
MO-FIL	2018/19-5	Dry	5/2/2019 9:20:00 AM	6/1/2019 5:56:00 AM	Anthracene	n/a	<	1.7	µg/L	EPA 625	1.7	5	WKL	
MO-FIL	2018/19-5	Dry	5/2/2019 9:20:00 AM	6/8/2019 1:49:00 AM	Anthracene	n/a	<	0.1	µg/L	EPA 8270C	0.1	0.1	WKL	
MO-FIL	2018/19-5	Dry	5/2/2019 9:20:00 AM	6/1/2019 5:56:00 AM	Benz(a)anthracene	n/a	<	0.95	µg/L	EPA 625	0.95	5	WKL	
MO-FIL	2018/19-5	Dry	5/2/2019 9:20:00 AM	6/8/2019 1:49:00 AM	Benz(a)anthracene	n/a	<	0.1	µg/L	EPA 8270C	0.1	0.1	WKL	
MO-FIL	2018/19-5	Dry	5/2/2019 9:20:00 AM	6/1/2019 5:56:00 AM	Benzidine	n/a	<	18	µg/L	EPA 625	18	50	WKL	
MO-FIL	2018/19-5	Dry	5/2/2019 9:20:00 AM	5/6/2019 9:12:00 PM	Benzo(a)pyrene	n/a	<	0.07	µg/L	EPA 525.2	0.07	0.1	WKL	
MO-FIL	2018/19-5	Dry	5/2/2019 9:20:00 AM	6/1/2019 5:56:00 AM	Benzo(a)pyrene	n/a	<	0.65	µg/L	EPA 625	0.65	5	WKL	
MO-FIL	2018/19-5	Dry	5/2/2019 9:20:00 AM	6/8/2019 1:49:00 AM	Benzo(a)pyrene	n/a	<	0.1	µg/L	EPA 8270C	0.1	0.1	WKL	
MO-FIL	2018/19-5	Dry	5/2/2019 9:20:00 AM	6/1/2019 5:56:00 AM	Benzo(b)fluoranthene	n/a	<	0.7	µg/L	EPA 625	0.7	5	WKL	
MO-FIL	2018/19-5	Dry	5/2/2019 9:20:00 AM	6/8/2019 1:49:00 AM	Benzo(b)fluoranthene	n/a	<	0.1	µg/L	EPA 8270C	0.1	0.1	WKL	

Appendix G
Laboratory Environmental Analysis Results

Site ID	Event	Event Type	Sample Date	Analysis Date	Constituent	Fraction	Sign	Result	Units	Method	MDL	Reporting Limit	Analyzing Laboratory	Qualifier
MO-FIL	2018/19-5	Dry	5/2/2019 9:20:00 AM	6/6/2019 10:20:00 AM	Benzo(g,h,i)perylene	n/a	<	2	µg/L	EPA 625	2	40	WKL	
MO-FIL	2018/19-5	Dry	5/2/2019 9:20:00 AM	6/8/2019 1:49:00 AM	Benzo(g,h,i)perylene	n/a	<	0.1	µg/L	EPA 8270C	0.1	0.1	WKL	
MO-FIL	2018/19-5	Dry	5/2/2019 9:20:00 AM	6/1/2019 5:56:00 AM	Benzo(k)fluoranthene	n/a	<	1.1	µg/L	EPA 625	1.1	5	WKL	
MO-FIL	2018/19-5	Dry	5/2/2019 9:20:00 AM	6/8/2019 1:49:00 AM	Benzo(k)fluoranthene	n/a	<	0.1	µg/L	EPA 8270C	0.1	0.1	WKL	
MO-FIL	2018/19-5	Dry	5/2/2019 9:20:00 AM	6/1/2019 5:56:00 AM	Bis(2-chloroethoxy)methane	n/a	<	1.2	µg/L	EPA 625	1.2	5	WKL	
MO-FIL	2018/19-5	Dry	5/2/2019 9:20:00 AM	6/1/2019 5:56:00 AM	Bis(2-chloroethyl)ether	n/a	<	1.4	µg/L	EPA 625	1.4	5	WKL	
MO-FIL	2018/19-5	Dry	5/2/2019 9:20:00 AM	6/1/2019 5:56:00 AM	Bis(2-chloroisopropyl)ether	n/a	<	1.9	µg/L	EPA 625	1.9	5	WKL	
MO-FIL	2018/19-5	Dry	5/2/2019 9:20:00 AM	5/6/2019 9:12:00 PM	Bis(2-ethylhexyl)adipate	n/a	<	0.1	µg/L	EPA 525.2	0.1	5	WKL	
MO-FIL	2018/19-5	Dry	5/2/2019 9:20:00 AM	5/6/2019 9:12:00 PM	Bis(2-ethylhexyl)phthalate	n/a	<	1.1	µg/L	EPA 525.2	1.1	3	WKL	
MO-FIL	2018/19-5	Dry	5/2/2019 9:20:00 AM	6/1/2019 5:56:00 AM	Bis(2-ethylhexyl)phthalate	n/a	<	12	µg/L	EPA 625	12	25	WKL	
MO-FIL	2018/19-5	Dry	5/2/2019 9:20:00 AM	6/1/2019 5:56:00 AM	Butyl benzyl phthalate	n/a	<	0.9	µg/L	EPA 625	0.9	5	WKL	
MO-FIL	2018/19-5	Dry	5/2/2019 9:20:00 AM	6/1/2019 5:56:00 AM	Chrysene	n/a	<	0.95	µg/L	EPA 625	0.95	5	WKL	
MO-FIL	2018/19-5	Dry	5/2/2019 9:20:00 AM	6/8/2019 1:49:00 AM	Chrysene	n/a	<	0.1	µg/L	EPA 8270C	0.1	0.1	WKL	
MO-FIL	2018/19-5	Dry	5/2/2019 9:20:00 AM	6/6/2019 10:20:00 AM	Dibenz(a,h)anthracene	n/a	<	1.6	µg/L	EPA 625	1.6	40	WKL	
MO-FIL	2018/19-5	Dry	5/2/2019 9:20:00 AM	6/8/2019 1:49:00 AM	Dibenz(a,h)anthracene	n/a	<	0.1	µg/L	EPA 8270C	0.1	0.1	WKL	
MO-FIL	2018/19-5	Dry	5/2/2019 9:20:00 AM	6/1/2019 5:56:00 AM	Diethyl phthalate	n/a	<	0.75	µg/L	EPA 625	0.75	5	WKL	
MO-FIL	2018/19-5	Dry	5/2/2019 9:20:00 AM	6/1/2019 5:56:00 AM	Dimethyl phthalate	n/a	<	0.9	µg/L	EPA 625	0.9	5	WKL	
MO-FIL	2018/19-5	Dry	5/2/2019 9:20:00 AM	6/1/2019 5:56:00 AM	Di-n-butylphthalate	n/a	<	1.2	µg/L	EPA 625	1.2	5	WKL	
MO-FIL	2018/19-5	Dry	5/2/2019 9:20:00 AM	6/1/2019 5:56:00 AM	Di-n-octylphthalate	n/a	<	0.95	µg/L	EPA 625	0.95	5	WKL	
MO-FIL	2018/19-5	Dry	5/2/2019 9:20:00 AM	6/1/2019 5:56:00 AM	Fluoranthene	n/a	<	1.1	µg/L	EPA 625	1.1	5	WKL	
MO-FIL	2018/19-5	Dry	5/2/2019 9:20:00 AM	6/8/2019 1:49:00 AM	Fluoranthene	n/a	<	0.1	µg/L	EPA 8270C	0.1	0.1	WKL	
MO-FIL	2018/19-5	Dry	5/2/2019 9:20:00 AM	6/1/2019 5:56:00 AM	Fluorene	n/a	<	1.8	µg/L	EPA 625	1.8	5	WKL	
MO-FIL	2018/19-5	Dry	5/2/2019 9:20:00 AM	6/8/2019 1:49:00 AM	Fluorene	n/a	<	0.1	µg/L	EPA 8270C	0.1	0.1	WKL	
MO-FIL	2018/19-5	Dry	5/2/2019 9:20:00 AM	6/1/2019 5:56:00 AM	Hexachlorobenzene	n/a	<	2.4	µg/L	EPA 625	2.4	5	WKL	
MO-FIL	2018/19-5	Dry	5/2/2019 9:20:00 AM	6/1/2019 5:56:00 AM	Hexachlorobutadiene	n/a	<	2.4	µg/L	EPA 625	2.4	5	WKL	
MO-FIL	2018/19-5	Dry	5/2/2019 9:20:00 AM	6/1/2019 5:56:00 AM	Hexachlorocyclopentadiene	n/a	<	7.3	µg/L	EPA 625	7.3	25	WKL	
MO-FIL	2018/19-5	Dry	5/2/2019 9:20:00 AM	6/1/2019 5:56:00 AM	Hexachlorocyclopentadiene	n/a	<	2.6	µg/L	EPA 625	2.6	5	WKL	
MO-FIL	2018/19-5	Dry	5/2/2019 9:20:00 AM	6/6/2019 10:20:00 AM	Indeno(1,2,3-cd)pyrene	n/a	<	2.4	µg/L	EPA 625	2.4	40	WKL	
MO-FIL	2018/19-5	Dry	5/2/2019 9:20:00 AM	6/8/2019 1:49:00 AM	Indeno(1,2,3-cd)pyrene	n/a	<	0.1	µg/L	EPA 8270C	0.1	0.1	WKL	
MO-FIL	2018/19-5	Dry	5/2/2019 9:20:00 AM	6/1/2019 5:56:00 AM	Isophorone	n/a	<	1	µg/L	EPA 625	1	5	WKL	
MO-FIL	2018/19-5	Dry	5/2/2019 9:20:00 AM	5/3/2019 1:22:00 PM	Methyl tert-butyl ether (MTBE)	n/a	<	0.25	µg/L	EPA 624	0.25	1	WKL	
MO-FIL	2018/19-5	Dry	5/2/2019 9:20:00 AM	6/1/2019 5:56:00 AM	Naphthalene	n/a	<	2.4	µg/L	EPA 625	2.4	5	WKL	
MO-FIL	2018/19-5	Dry	5/2/2019 9:20:00 AM	6/8/2019 1:49:00 AM	Naphthalene	n/a	<	0.1	µg/L	EPA 8270C	0.1	0.1	WKL	
MO-FIL	2018/19-5	Dry	5/2/2019 9:20:00 AM	6/1/2019 5:56:00 AM	Nitrobenzene	n/a	<	1.8	µg/L	EPA 625	1.8	5	WKL	
MO-FIL	2018/19-5	Dry	5/2/2019 9:20:00 AM	6/1/2019 5:56:00 AM	N-Nitrosodimethylamine	n/a	<	0.7	µg/L	EPA 625	0.7	5	WKL	
MO-FIL	2018/19-5	Dry	5/2/2019 9:20:00 AM	6/1/2019 5:56:00 AM	N-Nitrosodi-N-propylamine	n/a	<	1.3	µg/L	EPA 625	1.3	5	WKL	
MO-FIL	2018/19-5	Dry	5/2/2019 9:20:00 AM	6/1/2019 5:56:00 AM	N-Nitrosodiphenylamine	n/a	<	0.95	µg/L	EPA 625	0.95	5	WKL	
MO-FIL	2018/19-5	Dry	5/2/2019 9:20:00 AM	6/1/2019 5:56:00 AM	Phenanthrene	n/a	<	1.6	µg/L	EPA 625	1.6	5	WKL	
MO-FIL	2018/19-5	Dry	5/2/2019 9:20:00 AM	6/8/2019 1:49:00 AM	Phenanthrene	n/a	<	0.1	µg/L	EPA 8270C	0.1	0.1	WKL	
MO-FIL	2018/19-5	Dry	5/2/2019 9:20:00 AM	6/1/2019 5:56:00 AM	Phenol	n/a	<	0.8	µg/L	EPA 625	0.8	5	WKL	
MO-FIL	2018/19-5	Dry	5/2/2019 9:20:00 AM	5/21/2019 5:39:00 PM	Phenol	n/a	<	0.35	µg/L	EPA 8270C	0.35	1	WKL	
MO-FIL	2018/19-5	Dry	5/2/2019 9:20:00 AM	6/1/2019 5:56:00 AM	Pyrene	n/a	<	1.2	µg/L	EPA 625	1.2	5	WKL	
MO-FIL	2018/19-5	Dry	5/2/2019 9:20:00 AM	6/8/2019 1:49:00 AM	Pyrene	n/a	<	0.1	µg/L	EPA 8270C	0.1	0.1	WKL	
MO-FIL	2018/19-5	Dry	5/2/2019 9:20:00 AM	5/11/2019 12:21:00 AM	PCB Aroclor 1016	n/a	<	0.05	µg/L	EPA 608	0.05	0.5	WKL	
MO-FIL	2018/19-5	Dry	5/2/2019 9:20:00 AM	5/11/2019 12:21:00 AM	PCB Aroclor 1221	n/a	<	0.06	µg/L	EPA 608	0.06	0.5	WKL	
MO-FIL	2018/19-5	Dry	5/2/2019 9:20:00 AM	5/11/2019 12:21:00 AM	PCB Aroclor 1232	n/a	<	0.15	µg/L	EPA 608	0.15	0.5	WKL	
MO-FIL	2018/19-5	Dry	5/2/2019 9:20:00 AM	5/11/2019 12:21:00 AM	PCB Aroclor 1242	n/a	<	0.07	µg/L	EPA 608	0.07	0.5	WKL	
MO-FIL	2018/19-5	Dry	5/2/2019 9:20:00 AM	5/11/2019 12:21:00 AM	PCB Aroclor 1248	n/a	<	0.06	µg/L	EPA 608	0.06	0.5	WKL	

Appendix G
Laboratory Environmental Analysis Results

Site ID	Event	Event Type	Sample Date	Analysis Date	Constituent	Fraction	Sign	Result	Units	Method	MDL	Reporting Limit	Analyzing Laboratory	Qualifier
MO-FIL	2018/19-5	Dry	5/2/2019 9:20:00 AM	5/11/2019 12:21:00 AM	PCB Aroclor 1254	n/a	<	0.04	µg/L	EPA 608	0.04	0.5	WKL	
MO-FIL	2018/19-5	Dry	5/2/2019 9:20:00 AM	5/11/2019 12:21:00 AM	PCB Aroclor 1260	n/a	<	0.04	µg/L	EPA 608	0.04	0.5	WKL	
MO-FIL	2018/19-5	Dry	5/2/2019 9:20:00 AM	5/11/2019 3:16:00 AM	2,4,5-T	n/a	<	0.07	µg/L	EPA 515.4	0.07	0.2	WKL	
MO-FIL	2018/19-5	Dry	5/2/2019 9:20:00 AM	5/11/2019 3:16:00 AM	2,4,5-TP	n/a	<	0.09	µg/L	EPA 515.4	0.09	0.2	WKL	
MO-FIL	2018/19-5	Dry	5/2/2019 9:20:00 AM	5/11/2019 3:16:00 AM	2,4-D	n/a	<	0.07	µg/L	EPA 515.4	0.07	0.4	WKL	
MO-FIL	2018/19-5	Dry	5/2/2019 9:20:00 AM	5/11/2019 3:16:00 AM	2,4-DB	n/a	<	0.07	µg/L	EPA 515.4	0.07	2	WKL	
MO-FIL	2018/19-5	Dry	5/2/2019 9:20:00 AM	5/11/2019 3:16:00 AM	3,5-Dichlorobenzoic acid	n/a	<	0.09	µg/L	EPA 515.4	0.09	1	WKL	
MO-FIL	2018/19-5	Dry	5/2/2019 9:20:00 AM	5/11/2019 12:21:00 AM	4,4'-DDD	n/a	<	0.003	µg/L	EPA 608	0.003	0.05	WKL	
MO-FIL	2018/19-5	Dry	5/2/2019 9:20:00 AM	5/11/2019 12:21:00 AM	4,4'-DDE	n/a	<	0.0025	µg/L	EPA 608	0.0025	0.05	WKL	
MO-FIL	2018/19-5	Dry	5/2/2019 9:20:00 AM	5/11/2019 12:21:00 AM	4,4'-DDT	n/a	<	0.0031	µg/L	EPA 608	0.0031	0.01	WKL	
MO-FIL	2018/19-5	Dry	5/2/2019 9:20:00 AM	5/11/2019 3:16:00 AM	Acifluorfen	n/a	<	0.06	µg/L	EPA 515.4	0.06	0.4	WKL	
MO-FIL	2018/19-5	Dry	5/2/2019 9:20:00 AM	5/6/2019 9:12:00 PM	Alachlor	n/a	<	0.022	µg/L	EPA 525.2	0.022	0.1	WKL	
MO-FIL	2018/19-5	Dry	5/2/2019 9:20:00 AM	5/11/2019 12:21:00 AM	Aldrin	n/a	<	0.0015	µg/L	EPA 608	0.0015	0.005	WKL	
MO-FIL	2018/19-5	Dry	5/2/2019 9:20:00 AM	5/11/2019 12:21:00 AM	alpha-BHC	n/a	<	0.0018	µg/L	EPA 608	0.0018	0.01	WKL	
MO-FIL	2018/19-5	Dry	5/2/2019 9:20:00 AM	5/11/2019 12:21:00 AM	alpha-Chlordane	n/a	<	0.0041	µg/L	EPA 608	0.0041	0.01	WKL	
MO-FIL	2018/19-5	Dry	5/2/2019 9:20:00 AM	5/6/2019 9:12:00 PM	Atrazine	n/a	<	0.034	µg/L	EPA 525.2	0.034	0.1	WKL	
MO-FIL	2018/19-5	Dry	5/2/2019 9:20:00 AM	5/21/2019 7:50:00 PM	Azinphos methyl	n/a	<	0.0055	µg/L	EPA 525.2m	0.0055	0.01	WKL	
MO-FIL	2018/19-5	Dry	5/2/2019 9:20:00 AM	5/11/2019 12:21:00 AM	Bentazon	n/a	<	0.11	µg/L	EPA 515.4	0.11	2	WKL	
MO-FIL	2018/19-5	Dry	5/2/2019 9:20:00 AM	5/11/2019 12:21:00 AM	beta-BHC	n/a	<	0.0031	µg/L	EPA 608	0.0031	0.005	WKL	
MO-FIL	2018/19-5	Dry	5/2/2019 9:20:00 AM	5/21/2019 7:50:00 PM	Bolstar	n/a	<	0.0046	µg/L	EPA 525.2m	0.0046	0.01	WKL	
MO-FIL	2018/19-5	Dry	5/2/2019 9:20:00 AM	5/6/2019 9:12:00 PM	Bromacil	n/a	<	0.038	µg/L	EPA 525.2	0.038	1	WKL	
MO-FIL	2018/19-5	Dry	5/2/2019 9:20:00 AM	5/6/2019 9:12:00 PM	Butachlor	n/a	<	0.017	µg/L	EPA 525.2	0.017	0.2	WKL	
MO-FIL	2018/19-5	Dry	5/2/2019 9:20:00 AM	5/6/2019 9:12:00 PM	Captan	n/a	<	0.86	µg/L	EPA 525.2	0.86	1	WKL	
MO-FIL	2018/19-5	Dry	5/2/2019 9:20:00 AM	5/11/2019 12:21:00 AM	Chlordane (technical)	n/a	<	0.08	µg/L	EPA 608	0.08	0.1	WKL	
MO-FIL	2018/19-5	Dry	5/2/2019 9:20:00 AM	5/6/2019 9:12:00 PM	Chlorpropham	n/a	<	0.01	µg/L	EPA 525.2	0.01	0.1	WKL	
MO-FIL	2018/19-5	Dry	5/2/2019 9:20:00 AM	5/21/2019 7:50:00 PM	Chlorpyrifos	n/a	<	0.0069	µg/L	EPA 525.2m	0.0069	0.01	WKL	
MO-FIL	2018/19-5	Dry	5/2/2019 9:20:00 AM	5/21/2019 7:50:00 PM	Coumaphos	n/a	<	0.0051	µg/L	EPA 525.2m	0.0051	0.01	WKL	
MO-FIL	2018/19-5	Dry	5/2/2019 9:20:00 AM	5/6/2019 9:12:00 PM	Cyanazine	n/a	<	0.024	µg/L	EPA 525.2	0.024	0.1	WKL	
MO-FIL	2018/19-5	Dry	5/2/2019 9:20:00 AM	5/11/2019 3:16:00 AM	Dalapon	n/a	<	0.1	µg/L	EPA 515.4	0.1	0.4	WKL	
MO-FIL	2018/19-5	Dry	5/2/2019 9:20:00 AM	5/11/2019 3:16:00 AM	DCPA (Dacthal)	n/a	<	0.07	µg/L	EPA 515.4	0.07	0.1	WKL	
MO-FIL	2018/19-5	Dry	5/2/2019 9:20:00 AM	5/11/2019 12:21:00 AM	delta-BHC	n/a	<	0.0025	µg/L	EPA 608	0.0025	0.005	WKL	
MO-FIL	2018/19-5	Dry	5/2/2019 9:20:00 AM	5/21/2019 7:50:00 PM	Demeton-O	n/a	<	0.01	µg/L	EPA 525.2m	0.01	0.01	WKL	
MO-FIL	2018/19-5	Dry	5/2/2019 9:20:00 AM	5/21/2019 7:50:00 PM	Demeton-S	n/a	<	0.01	µg/L	EPA 525.2m	0.01	0.01	WKL	
MO-FIL	2018/19-5	Dry	5/2/2019 9:20:00 AM	5/6/2019 9:12:00 PM	Diazinon	n/a	<	0.096	µg/L	EPA 525.2	0.096	0.1	WKL	
MO-FIL	2018/19-5	Dry	5/2/2019 9:20:00 AM	5/21/2019 7:50:00 PM	Diazinon	n/a	<	0.0052	µg/L	EPA 525.2m	0.0052	0.01	WKL	
MO-FIL	2018/19-5	Dry	5/2/2019 9:20:00 AM	5/11/2019 3:16:00 AM	Dicamba	n/a	<	0.12	µg/L	EPA 515.4	0.12	0.6	WKL	
MO-FIL	2018/19-5	Dry	5/2/2019 9:20:00 AM	5/11/2019 3:16:00 AM	Dichlorprop	n/a	<	0.08	µg/L	EPA 515.4	0.08	0.3	WKL	
MO-FIL	2018/19-5	Dry	5/2/2019 9:20:00 AM	5/21/2019 7:50:00 PM	Dichlorvos	n/a	<	0.0029	µg/L	EPA 525.2m	0.0029	0.01	WKL	
MO-FIL	2018/19-5	Dry	5/2/2019 9:20:00 AM	5/11/2019 12:21:00 AM	Dieldrin	n/a	<	0.0021	µg/L	EPA 608	0.0021	0.01	WKL	
MO-FIL	2018/19-5	Dry	5/2/2019 9:20:00 AM	5/6/2019 9:12:00 PM	Dimethoate	n/a	<	0.024	µg/L	EPA 525.2	0.024	0.2	WKL	
MO-FIL	2018/19-5	Dry	5/2/2019 9:20:00 AM	5/21/2019 7:50:00 PM	Dimethoate	n/a	<	0.0062	µg/L	EPA 525.2m	0.0062	0.01	WKL	
MO-FIL	2018/19-5	Dry	5/2/2019 9:20:00 AM	5/11/2019 3:16:00 AM	Dinoseb	n/a	<	0.14	µg/L	EPA 515.4	0.14	0.4	WKL	
MO-FIL	2018/19-5	Dry	5/2/2019 9:20:00 AM	5/6/2019 9:12:00 PM	Diphenamid	n/a	<	0.024	µg/L	EPA 525.2	0.024	0.1	WKL	
MO-FIL	2018/19-5	Dry	5/2/2019 9:20:00 AM	5/21/2019 7:50:00 PM	Disulfoton	n/a	<	0.01	µg/L	EPA 525.2m	0.01	0.01	WKL	
MO-FIL	2018/19-5	Dry	5/2/2019 9:20:00 AM	5/6/2019 9:12:00 PM	Disulfoton	n/a	<	0.031	µg/L	EPA 525.2	0.031	0.1	WKL	
MO-FIL	2018/19-5	Dry	5/2/2019 9:20:00 AM	5/11/2019 12:21:00 AM	Endosulfan I	n/a	<	0.0017	µg/L	EPA 608	0.0017	0.02	WKL	
MO-FIL	2018/19-5	Dry	5/2/2019 9:20:00 AM	5/11/2019 12:21:00 AM	Endosulfan II	n/a	<	0.0019	µg/L	EPA 608	0.0019	0.01	WKL	
MO-FIL	2018/19-5	Dry	5/2/2019 9:20:00 AM	5/11/2019 12:21:00 AM	Endosulfan sulfate	n/a	<	0.008	µg/L	EPA 608	0.008	0.05	WKL	

Appendix G
Laboratory Environmental Analysis Results

Site ID	Event	Event Type	Sample Date	Analysis Date	Constituent	Fraction	Sign	Result	Units	Method	MDL	Reporting Limit	Analyzing Laboratory	Qualifier
MO-FIL	2018/19-5	Dry	5/2/2019 9:20:00 AM	5/11/2019 12:21:00 AM	Endrin	n/a	<	0.0028	µg/L	EPA 608	0.0028	0.01	WKL	
MO-FIL	2018/19-5	Dry	5/2/2019 9:20:00 AM	5/11/2019 12:21:00 AM	Endrin aldehyde	n/a	<	0.003	µg/L	EPA 608	0.003	0.01	WKL	
MO-FIL	2018/19-5	Dry	5/2/2019 9:20:00 AM	5/6/2019 9:12:00 PM	EPTC	n/a	<	0.017	µg/L	EPA 525.2	0.017	1	WKL	
MO-FIL	2018/19-5	Dry	5/2/2019 9:20:00 AM	5/21/2019 7:50:00 PM	Ethoprop	n/a	<	0.0067	µg/L	EPA 525.2m	0.0067	0.01	WKL	
MO-FIL	2018/19-5	Dry	5/2/2019 9:20:00 AM	5/21/2019 7:50:00 PM	Ethyl parathion	n/a	<	0.0054	µg/L	EPA 525.2m	0.0054	0.01	WKL	
MO-FIL	2018/19-5	Dry	5/2/2019 9:20:00 AM	5/21/2019 7:50:00 PM	Fensulfothion	n/a	<	0.0029	µg/L	EPA 525.2m	0.0029	0.01	WKL	
MO-FIL	2018/19-5	Dry	5/2/2019 9:20:00 AM	5/21/2019 7:50:00 PM	Fenthion	n/a	<	0.0038	µg/L	EPA 525.2m	0.0038	0.01	WKL	
MO-FIL	2018/19-5	Dry	5/2/2019 9:20:00 AM	5/11/2019 12:21:00 AM	gamma-BHC (Lindane)	n/a	<	0.0021	µg/L	EPA 608	0.0021	0.02	WKL	
MO-FIL	2018/19-5	Dry	5/2/2019 9:20:00 AM	5/11/2019 12:21:00 AM	gamma-Chlordane	n/a	<	0.0044	µg/L	EPA 608	0.0044	0.01	WKL	
MO-FIL	2018/19-5	Dry	5/2/2019 9:20:00 AM	5/9/2019 8:34:00 PM	Glyphosate	n/a	DNQ	2	µg/L	EPA 547	1.8	5	WKL	
MO-FIL	2018/19-5	Dry	5/2/2019 9:20:00 AM	5/11/2019 12:21:00 AM	Heptachlor	n/a	<	0.0017	µg/L	EPA 608	0.0017	0.01	WKL	
MO-FIL	2018/19-5	Dry	5/2/2019 9:20:00 AM	5/11/2019 12:21:00 AM	Heptachlor epoxide	n/a	<	0.0019	µg/L	EPA 608	0.0019	0.01	WKL	
MO-FIL	2018/19-5	Dry	5/2/2019 9:20:00 AM	5/21/2019 7:50:00 PM	Malathion	n/a	<	0.0076	µg/L	EPA 525.2m	0.0076	0.01	WKL	
MO-FIL	2018/19-5	Dry	5/2/2019 9:20:00 AM	5/21/2019 7:50:00 PM	Merphos	n/a	<	0.0058	µg/L	EPA 525.2m	0.0058	0.01	WKL	
MO-FIL	2018/19-5	Dry	5/2/2019 9:20:00 AM	5/11/2019 12:21:00 AM	Methoxychlor	n/a	<	0.0054	µg/L	EPA 608	0.0054	0.02	WKL	
MO-FIL	2018/19-5	Dry	5/2/2019 9:20:00 AM	5/21/2019 7:50:00 PM	Methyl parathion	n/a	<	0.0063	µg/L	EPA 525.2m	0.0063	0.01	WKL	
MO-FIL	2018/19-5	Dry	5/2/2019 9:20:00 AM	5/6/2019 9:12:00 PM	Metolachlor	n/a	<	0.012	µg/L	EPA 525.2	0.012	0.1	WKL	
MO-FIL	2018/19-5	Dry	5/2/2019 9:20:00 AM	5/6/2019 9:12:00 PM	Metribuzin	n/a	<	0.015	µg/L	EPA 525.2	0.015	0.1	WKL	
MO-FIL	2018/19-5	Dry	5/2/2019 9:20:00 AM	5/21/2019 7:50:00 PM	Mevinphos	n/a	<	0.0042	µg/L	EPA 525.2m	0.0042	0.01	WKL	
MO-FIL	2018/19-5	Dry	5/2/2019 9:20:00 AM	5/6/2019 9:12:00 PM	Molinate	n/a	<	0.039	µg/L	EPA 525.2	0.039	0.1	WKL	
MO-FIL	2018/19-5	Dry	5/2/2019 9:20:00 AM	5/21/2019 7:50:00 PM	Naled	n/a	<	0.0076	µg/L	EPA 525.2m	0.0076	0.01	WKL	
MO-FIL	2018/19-5	Dry	5/2/2019 9:20:00 AM	5/21/2019 5:39:00 PM	Pentachlorophenol	n/a	<	0.15	µg/L	EPA 8270C	0.15	1	WKL	
MO-FIL	2018/19-5	Dry	5/2/2019 9:20:00 AM	5/11/2019 3:16:00 AM	Pentachlorophenol	n/a	<	0.04	µg/L	EPA 515.4	0.04	0.2	WKL	
MO-FIL	2018/19-5	Dry	5/2/2019 9:20:00 AM	6/1/2019 5:56:00 AM	Pentachlorophenol	n/a	<	0.95	µg/L	EPA 625	0.95	5	WKL	
MO-FIL	2018/19-5	Dry	5/2/2019 9:20:00 AM	5/21/2019 7:50:00 PM	Phorate	n/a	<	0.003	µg/L	EPA 525.2m	0.003	0.01	WKL	
MO-FIL	2018/19-5	Dry	5/2/2019 9:20:00 AM	5/11/2019 3:16:00 AM	Picloram	n/a	<	0.05	µg/L	EPA 515.4	0.05	0.6	WKL	
MO-FIL	2018/19-5	Dry	5/2/2019 9:20:00 AM	5/6/2019 9:12:00 PM	Prometon	n/a	<	0.024	µg/L	EPA 525.2	0.024	0.2	WKL	
MO-FIL	2018/19-5	Dry	5/2/2019 9:20:00 AM	5/6/2019 9:12:00 PM	Prometryn	n/a	<	0.036	µg/L	EPA 525.2	0.036	0.1	WKL	
MO-FIL	2018/19-5	Dry	5/2/2019 9:20:00 AM	5/21/2019 7:50:00 PM	Ronnel (Fenchlorphos)	n/a	<	0.0041	µg/L	EPA 525.2m	0.0041	0.01	WKL	
MO-FIL	2018/19-5	Dry	5/2/2019 9:20:00 AM	5/6/2019 9:12:00 PM	Simazine	n/a	<	0.015	µg/L	EPA 525.2	0.015	0.1	WKL	
MO-FIL	2018/19-5	Dry	5/2/2019 9:20:00 AM	5/21/2019 7:50:00 PM	Stirophos (Tetrachlorvinphos)	n/a	<	0.0031	µg/L	EPA 525.2m	0.0031	0.01	WKL	
MO-FIL	2018/19-5	Dry	5/2/2019 9:20:00 AM	5/6/2019 9:12:00 PM	Terbacil	n/a	<	0.55	µg/L	EPA 525.2	0.55	2	WKL	
MO-FIL	2018/19-5	Dry	5/2/2019 9:20:00 AM	5/6/2019 9:12:00 PM	Thiobencarb	n/a	<	0.025	µg/L	EPA 525.2	0.025	0.2	WKL	
MO-FIL	2018/19-5	Dry	5/2/2019 9:20:00 AM	5/21/2019 7:50:00 PM	Tokuthion	n/a	<	0.0078	µg/L	EPA 525.2m	0.0078	0.01	WKL	
MO-FIL	2018/19-5	Dry	5/2/2019 9:20:00 AM	5/11/2019 12:21:00 AM	Toxaphene	n/a	<	0.12	µg/L	EPA 608	0.12	0.5	WKL	
MO-FIL	2018/19-5	Dry	5/2/2019 9:20:00 AM	5/21/2019 7:50:00 PM	Trichloronate	n/a	<	0.0067	µg/L	EPA 525.2m	0.0067	0.01	WKL	
MO-FIL	2018/19-5	Dry	5/2/2019 9:20:00 AM	5/6/2019 9:12:00 PM	Trithion	n/a	<	0.012	µg/L	EPA 525.2	0.012	0.1	WKL	
MO-FIL	2019-DRY	Dry	8/20/2019 9:35:00 AM	8/21/2019 8:30:00 AM	E. Coli	n/a	=	10	MPN/100 mL	MMO-MUG	10	10	VCHCA	
MO-FIL	2019-DRY	Dry	8/20/2019 9:35:00 AM	8/21/2019 8:30:00 AM	Total Coliform	n/a	=	7270	MPN/100 mL	MMO-MUG	10	10	VCHCA	
MO-FIL	2019-DRY	Dry	8/20/2019 9:35:00 AM	9/9/2019 5:14:00 PM	Calcium	Total	=	137	mg/L	EPA 200.7	0.016	0.1	WKL	
MO-FIL	2019-DRY	Dry	8/20/2019 9:35:00 AM	9/9/2019 5:14:00 PM	Magnesium	Total	=	42.7	mg/L	EPA 200.7	0.012	0.1	WKL	
MO-FIL	2019-DRY	Dry	8/20/2019 9:35:00 AM	8/20/2019 9:35:00 AM	Conductivity	n/a	=	1263	µmhos/cm	Field Meter	-88	1	Field Crew	
MO-FIL	2019-DRY	Dry	8/20/2019 9:35:00 AM	8/20/2019 9:35:00 AM	Discharge	n/a	=	0.006	cfs	Field Estimate	-88	-88	Field Crew	EST
MO-FIL	2019-DRY	Dry	8/20/2019 9:35:00 AM	8/20/2019 9:35:00 AM	DO	n/a	=	198.6	%	Field Meter	-88	0.1	Field Crew	
MO-FIL	2019-DRY	Dry	8/20/2019 9:35:00 AM	8/20/2019 9:35:00 AM	DO	n/a	=	16.92	mg/L	Field Meter	-88	0.3	Field Crew	
MO-FIL	2019-DRY	Dry	8/20/2019 9:35:00 AM	9/9/2019 5:14:00 PM	Hardness as CaCO3	Total	=	517	mg/L	EPA 200.7	0.0894	0.662	WKL	
MO-FIL	2019-DRY	Dry	8/20/2019 9:35:00 AM	8/20/2019 9:35:00 AM	pH	n/a	=	8.82	pH Units	Field Meter	-88	0.01	Field Crew	
MO-FIL	2019-DRY	Dry	8/20/2019 9:35:00 AM	8/20/2019 9:35:00 AM	Salinity	n/a	=	600	mg/L	Field Meter	-88	100	Field Crew	

Appendix G
Laboratory Environmental Analysis Results

Site ID	Event	Event Type	Sample Date	Analysis Date	Constituent	Fraction	Sign	Result	Units	Method	MDL	Reporting Limit	Analyzing Laboratory	Qualifier
MO-FIL	2019-DRY	Dry	8/20/2019 9:35:00 AM	8/20/2019 9:35:00 AM	Specific Conductance	n/a	=	1301	µmhos/cm	Field Meter	-88	1	Field Crew	
MO-FIL	2019-DRY	Dry	8/20/2019 9:35:00 AM	8/20/2019 9:35:00 AM	Temperature	n/a	=	23.4	°C	Field Meter	-88	0.1	Field Crew	
MO-FIL	2019-DRY	Dry	8/20/2019 9:35:00 AM	8/22/2019 12:35:00 PM	Total Organic Carbon	n/a	=	6.8	mg/L	SM 5310 B	0.009	0.3	WKL	
MO-FIL	2019-DRY	Dry	8/20/2019 9:35:00 AM	8/20/2019 9:35:00 AM	Turbidity	n/a	=	1.59	NTU	Field Meter	-88	0.01	Field Crew	
MO-FIL	2019-DRY	Dry	8/20/2019 9:35:00 AM	9/3/2019 7:29:00 PM	Copper	Dissolved	=	13	µg/L	EPA 200.8	0.13	0.5	WKL	
MO-FIL	2019-DRY	Dry	8/20/2019 9:35:00 AM	9/3/2019 7:29:00 PM	Lead	Dissolved	DNQ	0.031	µg/L	EPA 200.8	0.031	0.2	WKL	UL-MB
MO-FIL	2019-DRY	Dry	8/20/2019 9:35:00 AM	9/3/2019 7:29:00 PM	Zinc	Dissolved	DNQ	3.5	µg/L	EPA 200.8	0.94	5	WKL	UL-MB
MO-HUE	2018/19-1	Wet	11/22/2018 12:30:00 AM	11/22/2018 9:00:00 PM	E. Coli	n/a	=	8164	MPN/100 mL	MMO-MUG	10	10	VCHCA	
MO-HUE	2018/19-1	Wet	11/22/2018 12:30:00 AM	11/22/2018 9:00:00 PM	Total Coliform	n/a	=	173290	MPN/100 mL	MMO-MUG	100	100	VCHCA	
MO-HUE	2018/19-1	Wet	11/22/2018 12:30:00 AM	11/22/2018 12:30:00 AM	Conductivity	n/a	=	8100	µmhos/cm	Field Meter	-88	1	Field Crew	
MO-HUE	2018/19-1	Wet	11/22/2018 12:30:00 AM	12/6/2018 6:55:00 PM	Cyanide	Total	=	0.014	mg/L	ASTM D7511	0.0019	0.008	WKL	
MO-HUE	2018/19-1	Wet	11/22/2018 12:30:00 AM	11/22/2018 12:30:00 AM	DO	n/a	=	3.23	mg/L	Field Meter	-88	0.3	Field Crew	
MO-HUE	2018/19-1	Wet	11/22/2018 12:30:00 AM	11/22/2018 12:30:00 AM	DO	n/a	=	33.5	%	Field Meter	-88	0.1	Field Crew	
MO-HUE	2018/19-1	Wet	11/22/2018 12:30:00 AM	11/22/2018 12:30:00 AM	pH	n/a	=	6.65	pH Units	Field Meter	-88	0.01	Field Crew	
MO-HUE	2018/19-1	Wet	11/22/2018 12:30:00 AM	11/22/2018 12:30:00 AM	Salinity	n/a	=	5400	mg/L	Field Meter	-88	100	Field Crew	
MO-HUE	2018/19-1	Wet	11/22/2018 12:30:00 AM	11/22/2018 12:30:00 AM	Specific Conductance	n/a	=	9500	µmhos/cm	Field Meter	-88	1	Field Crew	
MO-HUE	2018/19-1	Wet	11/22/2018 12:30:00 AM	11/22/2018 12:30:00 AM	Temperature	n/a	=	17.1	°C	Field Meter	-88	0.1	Field Crew	
MO-HUE	2018/19-1	Wet	11/22/2018 12:30:00 AM	11/30/2018 9:39:00 AM	Gasoline Range Organics	n/a	<	0.012	mg/L	LUFT GC/MS	0.012	0.1	WKL	
MO-HUE	2018/19-1	Wet	11/22/2018 12:30:00 AM	12/4/2018 9:18:00 AM	Oil and Grease	n/a	<	1.3	mg/L	EPA 1664A	1.3	5	WKL	
MO-HUE	2018/19-1	Wet	11/22/2018 12:30:00 AM	11/26/2018 10:59:00 PM	2-Chloroethyl vinyl ether	n/a	<	0.28	µg/L	EPA 624	0.28	1	WKL	
MO-HUE	2018/19-1	Wet	11/22/2018 12:30:00 AM	11/26/2018 10:59:00 PM	Methyl tert-butyl ether (MTBE)	n/a	<	0.25	µg/L	EPA 624	0.25	1	WKL	
MO-HUE	2018/19-1	Wet	11/22/2018 9:36:00 AM	11/26/2018 10:00:00 PM	Chloride	n/a	=	3200	mg/L	EPA 300.0	2.5	12	WKL	
MO-HUE	2018/19-1	Wet	11/22/2018 9:36:00 AM	11/26/2018 10:00:00 PM	Fluoride	n/a	DNQ	0.56	mg/L	EPA 300.0	0.2	1	WKL	
MO-HUE	2018/19-1	Wet	11/22/2018 9:36:00 AM	11/29/2018 8:38:00 PM	Perchlorate	n/a	<	9.5	µg/L	EPA 314.0	9.5	20	WKL	
MO-HUE	2018/19-1	Wet	11/22/2018 9:36:00 AM	11/26/2018 10:00:00 PM	Sulfate	Total	=	900	mg/L	EPA 300.0	1	5	WKL	
MO-HUE	2018/19-1	Wet	11/22/2018 9:36:00 AM	11/27/2018 4:06:00 PM	Calcium	Total	=	218	mg/L	EPA 200.7	0.016	0.1	WKL	
MO-HUE	2018/19-1	Wet	11/22/2018 9:36:00 AM	11/27/2018 4:06:00 PM	Magnesium	Total	=	247	mg/L	EPA 200.7	0.012	0.1	WKL	
MO-HUE	2018/19-1	Wet	11/22/2018 9:36:00 AM	11/27/2018 4:06:00 PM	Potassium	Total	=	87	mg/L	EPA 200.7	0.081	0.1	WKL	
MO-HUE	2018/19-1	Wet	11/22/2018 9:36:00 AM	11/27/2018 4:06:00 PM	Sodium	Total	=	1400	mg/L	EPA 200.7	0.015	0.5	WKL	
MO-HUE	2018/19-1	Wet	11/22/2018 9:36:00 AM	11/29/2018 12:30:00 PM	Alkalinity as CaCO3	n/a	=	260	mg/L	SM 2320 B	0.56	2	WKL	
MO-HUE	2018/19-1	Wet	11/22/2018 9:36:00 AM	11/28/2018 7:08:00 PM	BOD	n/a	=	11	mg/L	SM 5210 B	2	2	WKL	
MO-HUE	2018/19-1	Wet	11/22/2018 9:36:00 AM	11/27/2018 2:52:00 PM	COD	n/a	=	59	mg/L	EPA 410.4	0.73	5	WKL	
MO-HUE	2018/19-1	Wet	11/22/2018 9:36:00 AM	12/4/2018 2:24:00 PM	Dissolved Inorganic Carbon	Dissolved	=	76	mg/L	SM 5310 B	0.016	0.1	WKL	
MO-HUE	2018/19-1	Wet	11/22/2018 9:36:00 AM	12/3/2018 11:13:00 AM	Dissolved Organic Carbon	Dissolved	=	11	mg/L	SM 5310 B	0.013	0.3	WKL	
MO-HUE	2018/19-1	Wet	11/22/2018 9:36:00 AM	11/27/2018 4:06:00 PM	Hardness as CaCO3	Total	=	1560	mg/L	EPA 200.7	0.0894	0.662	WKL	
MO-HUE	2018/19-1	Wet	11/22/2018 9:36:00 AM	11/23/2018 6:32:00 PM	MBAS	n/a	=	0.35	mg/L	SM 5540 C	0.095	0.25	WKL	
MO-HUE	2018/19-1	Wet	11/22/2018 9:36:00 AM	12/6/2018 6:19:00 PM	Phenolics	n/a	=	0.34	mg/L	EPA 420.4	0.0042	0.01	WKL	
MO-HUE	2018/19-1	Wet	11/22/2018 9:36:00 AM	12/10/2018 3:28:00 PM	Specific Conductance	n/a	=	12000	µmhos/cm	SM 2510 B	0.23	2	WKL	
MO-HUE	2018/19-1	Wet	11/22/2018 9:36:00 AM	11/27/2018 6:57:00 PM	Total Dissolved Solids	n/a	=	870	mg/L	SM 2540 C	4	10	WKL	
MO-HUE	2018/19-1	Wet	11/22/2018 9:36:00 AM	11/30/2018 12:03:00 PM	Total Organic Carbon	n/a	=	13	mg/L	SM 5310 B	0.016	0.1	WKL	
MO-HUE	2018/19-1	Wet	11/22/2018 9:36:00 AM	11/27/2018 2:15:00 PM	Total Suspended Solids	n/a	=	67	mg/L	SM 2540 D	-88	5	WKL	
MO-HUE	2018/19-1	Wet	11/22/2018 9:36:00 AM	11/23/2018 6:35:00 PM	Turbidity	n/a	=	58	NTU	EPA 180.1	0.12	0.5	WKL	
MO-HUE	2018/19-1	Wet	11/22/2018 9:36:00 AM	11/27/2018 2:15:00 PM	Volatile Suspended Solids	n/a	=	20	mg/L	EPA 160.4	3.1	5	WKL	
MO-HUE	2018/19-1	Wet	11/22/2018 9:36:00 AM	12/1/2018 2:16:00 AM	Diesel Range Organics	n/a	DNQ	0.19	mg/L	EPA 8015D	0.048	0.2	WKL	UL-MB
MO-HUE	2018/19-1	Wet	11/22/2018 9:36:00 AM	12/1/2018 2:16:00 AM	Oil Range Organics	n/a	<	0.66	mg/L	EPA 8015D	0.66	1	WKL	
MO-HUE	2018/19-1	Wet	11/22/2018 9:36:00 AM	11/28/2018 1:55:00 PM	Aluminum	Dissolved	DNQ	3.4	µg/L	EPA 200.8	2.6	10	WKL	UL-MB
MO-HUE	2018/19-1	Wet	11/22/2018 9:36:00 AM	11/28/2018 2:02:00 PM	Aluminum	Total	=	780	µg/L	EPA 200.8	2.6	10	WKL	
MO-HUE	2018/19-1	Wet	11/22/2018 9:36:00 AM	11/28/2018 1:55:00 PM	Antimony	Dissolved	DNQ	0.32	µg/L	EPA 200.8	0.09	1	WKL	

Appendix G
Laboratory Environmental Analysis Results

Site ID	Event	Event Type	Sample Date	Analysis Date	Constituent	Fraction	Sign	Result	Units	Method	MDL	Reporting Limit	Analyzing Laboratory	Qualifier
MO-HUE	2018/19-1	Wet	11/22/2018 9:36:00 AM	11/28/2018 2:02:00 PM	Antimony	Total	DNQ	0.5	µg/L	EPA 200.8	0.09	1	WKL	
MO-HUE	2018/19-1	Wet	11/22/2018 9:36:00 AM	11/28/2018 1:55:00 PM	Arsenic	Dissolved	=	1.4	µg/L	EPA 200.8	0.15	0.8	WKL	
MO-HUE	2018/19-1	Wet	11/22/2018 9:36:00 AM	11/28/2018 2:02:00 PM	Arsenic	Total	=	2.7	µg/L	EPA 200.8	0.15	0.8	WKL	
MO-HUE	2018/19-1	Wet	11/22/2018 9:36:00 AM	11/28/2018 2:02:00 PM	Barium	Total	=	64	µg/L	EPA 200.8	0.14	1	WKL	
MO-HUE	2018/19-1	Wet	11/22/2018 9:36:00 AM	11/28/2018 1:55:00 PM	Beryllium	Dissolved	<	0.066	µg/L	EPA 200.8	0.066	0.2	WKL	
MO-HUE	2018/19-1	Wet	11/22/2018 9:36:00 AM	11/28/2018 2:02:00 PM	Beryllium	Total	<	0.066	µg/L	EPA 200.8	0.066	0.2	WKL	
MO-HUE	2018/19-1	Wet	11/22/2018 9:36:00 AM	11/28/2018 1:55:00 PM	Cadmium	Dissolved	=	0.22	µg/L	EPA 200.8	0.082	0.2	WKL	
MO-HUE	2018/19-1	Wet	11/22/2018 9:36:00 AM	11/28/2018 2:02:00 PM	Cadmium	Total	=	0.34	µg/L	EPA 200.8	0.082	0.2	WKL	
MO-HUE	2018/19-1	Wet	11/22/2018 9:36:00 AM	11/28/2018 1:55:00 PM	Chromium	Dissolved	DNQ	0.08	µg/L	EPA 200.8	0.07	0.4	WKL	
MO-HUE	2018/19-1	Wet	11/22/2018 9:36:00 AM	11/28/2018 2:02:00 PM	Chromium	Total	=	2.1	µg/L	EPA 200.8	0.07	0.4	WKL	
MO-HUE	2018/19-1	Wet	11/22/2018 9:36:00 AM	12/1/2018 12:34:00 AM	Chromium VI	n/a	DNQ	0.14	µg/L	EPA 218.6	0.048	0.2	WKL	
MO-HUE	2018/19-1	Wet	11/22/2018 9:36:00 AM	11/28/2018 1:55:00 PM	Copper	Dissolved	DNQ	0.86	µg/L	EPA 200.8	0.26	1	WKL	
MO-HUE	2018/19-1	Wet	11/22/2018 9:36:00 AM	11/28/2018 2:02:00 PM	Copper	Total	=	7.6	µg/L	EPA 200.8	0.26	1	WKL	
MO-HUE	2018/19-1	Wet	11/22/2018 9:36:00 AM	11/27/2018 3:58:00 PM	Iron	Dissolved	=	44	µg/L	EPA 200.7	1.1	10	WKL	
MO-HUE	2018/19-1	Wet	11/22/2018 9:36:00 AM	11/27/2018 4:06:00 PM	Iron	Total	=	3500	µg/L	EPA 200.7	1.1	10	WKL	
MO-HUE	2018/19-1	Wet	11/22/2018 9:36:00 AM	11/28/2018 1:55:00 PM	Lead	Dissolved	<	0.062	µg/L	EPA 200.8	0.062	0.4	WKL	
MO-HUE	2018/19-1	Wet	11/22/2018 9:36:00 AM	11/28/2018 2:02:00 PM	Lead	Total	=	1.7	µg/L	EPA 200.8	0.062	0.4	WKL	
MO-HUE	2018/19-1	Wet	11/22/2018 9:36:00 AM	11/28/2018 3:50:00 PM	Mercury	Dissolved	<	17	ng/L	EPA 245.1	17	50	WKL	
MO-HUE	2018/19-1	Wet	11/22/2018 9:36:00 AM	11/28/2018 3:52:00 PM	Mercury	Total	<	17	ng/L	EPA 245.1	17	50	WKL	
MO-HUE	2018/19-1	Wet	11/22/2018 9:36:00 AM	11/28/2018 1:55:00 PM	Nickel	Dissolved	=	2.6	µg/L	EPA 200.8	0.09	1.6	WKL	
MO-HUE	2018/19-1	Wet	11/22/2018 9:36:00 AM	11/28/2018 2:02:00 PM	Nickel	Total	=	4.1	µg/L	EPA 200.8	0.09	1.6	WKL	
MO-HUE	2018/19-1	Wet	11/22/2018 9:36:00 AM	11/28/2018 1:55:00 PM	Selenium	Dissolved	DNQ	0.32	µg/L	EPA 200.8	0.28	0.8	WKL	
MO-HUE	2018/19-1	Wet	11/22/2018 9:36:00 AM	11/28/2018 2:02:00 PM	Selenium	Total	DNQ	0.34	µg/L	EPA 200.8	0.28	0.8	WKL	
MO-HUE	2018/19-1	Wet	11/22/2018 9:36:00 AM	11/28/2018 1:55:00 PM	Silver	Dissolved	<	0.12	µg/L	EPA 200.8	0.12	0.4	WKL	
MO-HUE	2018/19-1	Wet	11/22/2018 9:36:00 AM	11/28/2018 2:02:00 PM	Silver	Total	<	0.12	µg/L	EPA 200.8	0.12	0.4	WKL	
MO-HUE	2018/19-1	Wet	11/22/2018 9:36:00 AM	11/28/2018 1:55:00 PM	Thallium	Dissolved	<	0.028	µg/L	EPA 200.8	0.028	0.4	WKL	
MO-HUE	2018/19-1	Wet	11/22/2018 9:36:00 AM	11/28/2018 2:02:00 PM	Thallium	Total	<	0.028	µg/L	EPA 200.8	0.028	0.4	WKL	
MO-HUE	2018/19-1	Wet	11/22/2018 9:36:00 AM	11/28/2018 1:55:00 PM	Zinc	Dissolved	DNQ	8.1	µg/L	EPA 200.8	1.9	10	WKL	
MO-HUE	2018/19-1	Wet	11/22/2018 9:36:00 AM	11/28/2018 2:02:00 PM	Zinc	Total	=	46	µg/L	EPA 200.8	1.9	10	WKL	
MO-HUE	2018/19-1	Wet	11/22/2018 9:36:00 AM	11/27/2018 4:38:00 PM	Ammonia as N	n/a	=	1.5	mg/L	EPA 350.1	0.048	0.1	WKL	
MO-HUE	2018/19-1	Wet	11/22/2018 9:36:00 AM	12/17/2018 1:14:00 PM	Nitrate + Nitrite as N	n/a	=	0.34	mg/L	EPA 353.2	0.083	0.2	WKL	
MO-HUE	2018/19-1	Wet	11/22/2018 9:36:00 AM	1/17/2019 2:25:00 PM	Phosphorus as P	Dissolved	=	0.23	mg/L	EPA 200.7	0.012	0.02	WKL	
MO-HUE	2018/19-1	Wet	11/22/2018 9:36:00 AM	1/17/2019 3:54:00 PM	Phosphorus as P	Total	=	0.75	mg/L	EPA 200.7	0.012	0.02	WKL	
MO-HUE	2018/19-1	Wet	11/22/2018 9:36:00 AM	12/12/2018 4:46:00 PM	TKN	n/a	=	2.7	mg/L	EPA 351.2	0.05	0.1	WKL	
MO-HUE	2018/19-1	Wet	11/22/2018 9:36:00 AM	12/29/2018 3:24:00 AM	1,2,4-Trichlorobenzene	n/a	<	1.1	µg/L	EPA 625	1.1	2	WKL	
MO-HUE	2018/19-1	Wet	11/22/2018 9:36:00 AM	12/29/2018 3:24:00 AM	1,2-Dichlorobenzene	n/a	<	1.1	µg/L	EPA 625	1.1	2	WKL	
MO-HUE	2018/19-1	Wet	11/22/2018 9:36:00 AM	12/29/2018 3:24:00 AM	1,2-Diphenylhydrazine	n/a	<	0.5	µg/L	EPA 625	0.5	2	WKL	
MO-HUE	2018/19-1	Wet	11/22/2018 9:36:00 AM	12/29/2018 3:24:00 AM	1,3-Dichlorobenzene	n/a	<	1.1	µg/L	EPA 625	1.1	2	WKL	
MO-HUE	2018/19-1	Wet	11/22/2018 9:36:00 AM	12/29/2018 3:24:00 AM	1,4-Dichlorobenzene	n/a	<	1.1	µg/L	EPA 625	1.1	2	WKL	
MO-HUE	2018/19-1	Wet	11/22/2018 9:36:00 AM	1/4/2019 10:20:00 AM	1-Methylnaphthalene	n/a	<	0.2	µg/L	EPA 8270C	0.2	0.2	WKL	
MO-HUE	2018/19-1	Wet	11/22/2018 9:36:00 AM	1/3/2019	2,4,5-Trichlorophenol	n/a	<	0.58	µg/L	EPA 8270C	0.58	2	WKL	
MO-HUE	2018/19-1	Wet	11/22/2018 9:36:00 AM	12/29/2018 3:24:00 AM	2,4,6-Trichlorophenol	n/a	<	0.44	µg/L	EPA 625	0.44	2	WKL	
MO-HUE	2018/19-1	Wet	11/22/2018 9:36:00 AM	1/3/2019	2,4,6-Trichlorophenol	n/a	<	0.6	µg/L	EPA 8270C	0.6	2	WKL	
MO-HUE	2018/19-1	Wet	11/22/2018 9:36:00 AM	12/29/2018 3:24:00 AM	2,4-Dichlorophenol	n/a	<	0.52	µg/L	EPA 625	0.52	2	WKL	
MO-HUE	2018/19-1	Wet	11/22/2018 9:36:00 AM	1/3/2019	2,4-Dichlorophenol	n/a	<	1	µg/L	EPA 8270C	1	2	WKL	
MO-HUE	2018/19-1	Wet	11/22/2018 9:36:00 AM	1/3/2019	2,4-Dimethylphenol	n/a	<	2	µg/L	EPA 8270C	2	4	WKL	
MO-HUE	2018/19-1	Wet	11/22/2018 9:36:00 AM	12/29/2018 3:24:00 AM	2,4-Dimethylphenol	n/a	<	0.6	µg/L	EPA 625	0.6	2	WKL	
MO-HUE	2018/19-1	Wet	11/22/2018 9:36:00 AM	1/3/2019	2,4-Dinitrophenol	n/a	<	2	µg/L	EPA 8270C	2	4	WKL	

Appendix G
Laboratory Environmental Analysis Results

Site ID	Event	Event Type	Sample Date	Analysis Date	Constituent	Fraction	Sign	Result	Units	Method	MDL	Reporting Limit	Analyzing Laboratory	Qualifier
MO-HUE	2018/19-1	Wet	11/22/2018 9:36:00 AM	12/29/2018 3:24:00 AM	2,4-Dinitrophenol	n/a	<	3.2	µg/L	EPA 625	3.2	20	WKL	
MO-HUE	2018/19-1	Wet	11/22/2018 9:36:00 AM	12/29/2018 3:24:00 AM	2,4-Dinitrotoluene	n/a	<	0.36	µg/L	EPA 625	0.36	2	WKL	
MO-HUE	2018/19-1	Wet	11/22/2018 9:36:00 AM	12/29/2018 3:24:00 AM	2,6-Dinitrotoluene	n/a	<	0.54	µg/L	EPA 625	0.54	2	WKL	
MO-HUE	2018/19-1	Wet	11/22/2018 9:36:00 AM	12/29/2018 3:24:00 AM	2-Chloronaphthalene	n/a	<	0.9	µg/L	EPA 625	0.9	2	WKL	
MO-HUE	2018/19-1	Wet	11/22/2018 9:36:00 AM	12/29/2018 3:24:00 AM	2-Chlorophenol	n/a	<	0.56	µg/L	EPA 625	0.56	2	WKL	
MO-HUE	2018/19-1	Wet	11/22/2018 9:36:00 AM	1/3/2019	2-Chlorophenol	n/a	<	1.3	µg/L	EPA 8270C	1.3	2	WKL	
MO-HUE	2018/19-1	Wet	11/22/2018 9:36:00 AM	1/4/2019 10:20:00 AM	2-Methylnaphthalene	n/a	<	0.2	µg/L	EPA 8270C	0.2	0.2	WKL	
MO-HUE	2018/19-1	Wet	11/22/2018 9:36:00 AM	1/3/2019	2-Methylphenol	n/a	<	0.68	µg/L	EPA 8270C	0.68	2	WKL	
MO-HUE	2018/19-1	Wet	11/22/2018 9:36:00 AM	1/3/2019	2-Nitrophenol	n/a	<	1.4	µg/L	EPA 8270C	1.4	2	WKL	
MO-HUE	2018/19-1	Wet	11/22/2018 9:36:00 AM	12/29/2018 3:24:00 AM	2-Nitrophenol	n/a	<	0.52	µg/L	EPA 625	0.52	2	WKL	
MO-HUE	2018/19-1	Wet	11/22/2018 9:36:00 AM	12/29/2018 3:24:00 AM	3,3'-Dichlorobenzidine	n/a	<	2.4	µg/L	EPA 625	2.4	10	WKL	
MO-HUE	2018/19-1	Wet	11/22/2018 9:36:00 AM	1/3/2019	3-/4-Methylphenol	n/a	<	0.6	µg/L	EPA 8270C	0.6	2	WKL	
MO-HUE	2018/19-1	Wet	11/22/2018 9:36:00 AM	12/29/2018 3:24:00 AM	4,6-Dinitro-2-methylphenol	n/a	<	3.4	µg/L	EPA 625	3.4	10	WKL	
MO-HUE	2018/19-1	Wet	11/22/2018 9:36:00 AM	1/3/2019	4,6-Dinitro-2-methylphenol	n/a	<	0.28	µg/L	EPA 8270C	0.28	2	WKL	
MO-HUE	2018/19-1	Wet	11/22/2018 9:36:00 AM	12/29/2018 3:24:00 AM	4-Bromophenyl phenyl ether	n/a	<	0.72	µg/L	EPA 625	0.72	2	WKL	
MO-HUE	2018/19-1	Wet	11/22/2018 9:36:00 AM	12/29/2018 3:24:00 AM	4-Chloro-3-methylphenol	n/a	<	0.46	µg/L	EPA 625	0.46	2	WKL	
MO-HUE	2018/19-1	Wet	11/22/2018 9:36:00 AM	1/3/2019	4-Chloro-3-methylphenol	n/a	<	0.74	µg/L	EPA 8270C	0.74	2	WKL	
MO-HUE	2018/19-1	Wet	11/22/2018 9:36:00 AM	12/29/2018 3:24:00 AM	4-Chlorophenyl phenyl ether	n/a	<	0.82	µg/L	EPA 625	0.82	2	WKL	
MO-HUE	2018/19-1	Wet	11/22/2018 9:36:00 AM	12/29/2018 3:24:00 AM	4-Nitrophenol	n/a	<	0.9	µg/L	EPA 625	0.9	10	WKL	
MO-HUE	2018/19-1	Wet	11/22/2018 9:36:00 AM	1/3/2019	4-Nitrophenol	n/a	<	2	µg/L	EPA 8270C	2	4	WKL	
MO-HUE	2018/19-1	Wet	11/22/2018 9:36:00 AM	12/29/2018 3:24:00 AM	Acenaphthene	n/a	<	0.76	µg/L	EPA 625	0.76	2	WKL	
MO-HUE	2018/19-1	Wet	11/22/2018 9:36:00 AM	1/4/2019 10:20:00 AM	Acenaphthene	n/a	<	0.2	µg/L	EPA 8270C	0.2	0.2	WKL	
MO-HUE	2018/19-1	Wet	11/22/2018 9:36:00 AM	12/29/2018 3:24:00 AM	Acenaphthylene	n/a	<	0.8	µg/L	EPA 625	0.8	2	WKL	
MO-HUE	2018/19-1	Wet	11/22/2018 9:36:00 AM	1/4/2019 10:20:00 AM	Acenaphthylene	n/a	<	0.2	µg/L	EPA 8270C	0.2	0.2	WKL	
MO-HUE	2018/19-1	Wet	11/22/2018 9:36:00 AM	12/29/2018 3:24:00 AM	Anthracene	n/a	<	0.68	µg/L	EPA 625	0.68	2	WKL	
MO-HUE	2018/19-1	Wet	11/22/2018 9:36:00 AM	1/4/2019 10:20:00 AM	Anthracene	n/a	<	0.2	µg/L	EPA 8270C	0.2	0.2	WKL	
MO-HUE	2018/19-1	Wet	11/22/2018 9:36:00 AM	1/4/2019 10:20:00 AM	Benz(a)anthracene	n/a	<	0.2	µg/L	EPA 8270C	0.2	0.2	WKL	
MO-HUE	2018/19-1	Wet	11/22/2018 9:36:00 AM	12/29/2018 3:24:00 AM	Benz(a)anthracene	n/a	<	0.38	µg/L	EPA 625	0.38	2	WKL	
MO-HUE	2018/19-1	Wet	11/22/2018 9:36:00 AM	12/29/2018 3:24:00 AM	Benzidine	n/a	<	7.3	µg/L	EPA 625	7.3	20	WKL	
MO-HUE	2018/19-1	Wet	11/22/2018 9:36:00 AM	1/4/2019 10:20:00 AM	Benzo(a)pyrene	n/a	<	0.2	µg/L	EPA 8270C	0.2	0.2	WKL	
MO-HUE	2018/19-1	Wet	11/22/2018 9:36:00 AM	12/29/2018 3:24:00 AM	Benzo(a)pyrene	n/a	<	0.26	µg/L	EPA 625	0.26	2	WKL	
MO-HUE	2018/19-1	Wet	11/22/2018 9:36:00 AM	12/14/2018 8:20:00 AM	Benzo(a)pyrene	n/a	<	0.07	µg/L	EPA 525.2	0.07	0.1	WKL	
MO-HUE	2018/19-1	Wet	11/22/2018 9:36:00 AM	1/4/2019 10:20:00 AM	Benzo(b)fluoranthene	n/a	<	0.2	µg/L	EPA 8270C	0.2	0.2	WKL	
MO-HUE	2018/19-1	Wet	11/22/2018 9:36:00 AM	12/29/2018 3:24:00 AM	Benzo(b)fluoranthene	n/a	<	0.28	µg/L	EPA 625	0.28	2	WKL	
MO-HUE	2018/19-1	Wet	11/22/2018 9:36:00 AM	1/4/2019 10:20:00 AM	Benzo(g,h,i)perylene	n/a	<	0.2	µg/L	EPA 8270C	0.2	0.2	WKL	
MO-HUE	2018/19-1	Wet	11/22/2018 9:36:00 AM	12/29/2018 3:24:00 AM	Benzo(g,h,i)perylene	n/a	<	0.2	µg/L	EPA 625	0.2	4	WKL	
MO-HUE	2018/19-1	Wet	11/22/2018 9:36:00 AM	12/29/2018 3:24:00 AM	Benzo(k)fluoranthene	n/a	<	0.44	µg/L	EPA 625	0.44	2	WKL	
MO-HUE	2018/19-1	Wet	11/22/2018 9:36:00 AM	1/4/2019 10:20:00 AM	Benzo(k)fluoranthene	n/a	<	0.2	µg/L	EPA 8270C	0.2	0.2	WKL	
MO-HUE	2018/19-1	Wet	11/22/2018 9:36:00 AM	12/29/2018 3:24:00 AM	Bis(2-chloroethoxy)methane	n/a	<	0.5	µg/L	EPA 625	0.5	2	WKL	
MO-HUE	2018/19-1	Wet	11/22/2018 9:36:00 AM	12/29/2018 3:24:00 AM	Bis(2-chloroethyl)ether	n/a	<	0.54	µg/L	EPA 625	0.54	2	WKL	
MO-HUE	2018/19-1	Wet	11/22/2018 9:36:00 AM	12/29/2018 3:24:00 AM	Bis(2-chloroisopropyl)ether	n/a	<	0.76	µg/L	EPA 625	0.76	2	WKL	
MO-HUE	2018/19-1	Wet	11/22/2018 9:36:00 AM	12/14/2018 8:20:00 AM	Bis(2-ethylhexyl)adipate	n/a	<	0.1	µg/L	EPA 525.2	0.1	5	WKL	
MO-HUE	2018/19-1	Wet	11/22/2018 9:36:00 AM	12/29/2018 3:24:00 AM	Bis(2-ethylhexyl)phthalate	n/a	<	4.6	µg/L	EPA 625	4.6	10	WKL	
MO-HUE	2018/19-1	Wet	11/22/2018 9:36:00 AM	12/14/2018 8:20:00 AM	Bis(2-ethylhexyl)phthalate	n/a	DNQ	1.4	µg/L	EPA 525.2	1.1	3	WKL	
MO-HUE	2018/19-1	Wet	11/22/2018 9:36:00 AM	12/29/2018 3:24:00 AM	Butyl benzyl phthalate	n/a	<	0.36	µg/L	EPA 625	0.36	2	WKL	
MO-HUE	2018/19-1	Wet	11/22/2018 9:36:00 AM	1/4/2019 10:20:00 AM	Chrysene	n/a	<	0.2	µg/L	EPA 8270C	0.2	0.2	WKL	
MO-HUE	2018/19-1	Wet	11/22/2018 9:36:00 AM	12/29/2018 3:24:00 AM	Chrysene	n/a	<	0.38	µg/L	EPA 625	0.38	2	WKL	
MO-HUE	2018/19-1	Wet	11/22/2018 9:36:00 AM	12/29/2018 3:24:00 AM	Dibenz(a,h)anthracene	n/a	<	0.16	µg/L	EPA 625	0.16	4	WKL	

Appendix G
Laboratory Environmental Analysis Results

Site ID	Event	Event Type	Sample Date	Analysis Date	Constituent	Fraction	Sign	Result	Units	Method	MDL	Reporting Limit	Analyzing Laboratory	Qualifier
MO-HUE	2018/19-1	Wet	11/22/2018 9:36:00 AM	1/4/2019 10:20:00 AM	Dibenz(a,h)anthracene	n/a	<	0.2	µg/L	EPA 8270C	0.2	0.2	WKL	
MO-HUE	2018/19-1	Wet	11/22/2018 9:36:00 AM	12/29/2018 3:24:00 AM	Diethyl phthalate	n/a	<	0.3	µg/L	EPA 625	0.3	2	WKL	
MO-HUE	2018/19-1	Wet	11/22/2018 9:36:00 AM	12/29/2018 3:24:00 AM	Dimethyl phthalate	n/a	=	3.5	µg/L	EPA 625	0.36	2	WKL	
MO-HUE	2018/19-1	Wet	11/22/2018 9:36:00 AM	12/29/2018 3:24:00 AM	Di-n-butylphthalate	n/a	<	0.48	µg/L	EPA 625	0.48	2	WKL	
MO-HUE	2018/19-1	Wet	11/22/2018 9:36:00 AM	12/29/2018 3:24:00 AM	Di-n-octylphthalate	n/a	<	0.38	µg/L	EPA 625	0.38	2	WKL	
MO-HUE	2018/19-1	Wet	11/22/2018 9:36:00 AM	1/4/2019 10:20:00 AM	Fluoranthene	n/a	<	0.2	µg/L	EPA 8270C	0.2	0.2	WKL	
MO-HUE	2018/19-1	Wet	11/22/2018 9:36:00 AM	12/29/2018 3:24:00 AM	Fluoranthene	n/a	<	0.44	µg/L	EPA 625	0.44	2	WKL	
MO-HUE	2018/19-1	Wet	11/22/2018 9:36:00 AM	12/29/2018 3:24:00 AM	Fluorene	n/a	<	0.7	µg/L	EPA 625	0.7	2	WKL	
MO-HUE	2018/19-1	Wet	11/22/2018 9:36:00 AM	1/4/2019 10:20:00 AM	Fluorene	n/a	<	0.2	µg/L	EPA 8270C	0.2	0.2	WKL	
MO-HUE	2018/19-1	Wet	11/22/2018 9:36:00 AM	12/29/2018 3:24:00 AM	Hexachlorobenzene	n/a	<	0.98	µg/L	EPA 625	0.98	2	WKL	
MO-HUE	2018/19-1	Wet	11/22/2018 9:36:00 AM	12/29/2018 3:24:00 AM	Hexachlorobutadiene	n/a	<	0.94	µg/L	EPA 625	0.94	2	WKL	
MO-HUE	2018/19-1	Wet	11/22/2018 9:36:00 AM	12/29/2018 3:24:00 AM	Hexachlorocyclopentadiene	n/a	<	2.9	µg/L	EPA 625	2.9	10	WKL	
MO-HUE	2018/19-1	Wet	11/22/2018 9:36:00 AM	12/29/2018 3:24:00 AM	Hexachloroethane	n/a	<	1	µg/L	EPA 625	1	2	WKL	
MO-HUE	2018/19-1	Wet	11/22/2018 9:36:00 AM	12/29/2018 3:24:00 AM	Indeno(1,2,3-cd)pyrene	n/a	<	0.24	µg/L	EPA 625	0.24	4	WKL	
MO-HUE	2018/19-1	Wet	11/22/2018 9:36:00 AM	1/4/2019 10:20:00 AM	Indeno(1,2,3-cd)pyrene	n/a	<	0.2	µg/L	EPA 8270C	0.2	0.2	WKL	
MO-HUE	2018/19-1	Wet	11/22/2018 9:36:00 AM	12/29/2018 3:24:00 AM	Isophorone	n/a	<	0.42	µg/L	EPA 625	0.42	2	WKL	
MO-HUE	2018/19-1	Wet	11/22/2018 9:36:00 AM	12/29/2018 3:24:00 AM	Naphthalene	n/a	<	0.98	µg/L	EPA 625	0.98	2	WKL	
MO-HUE	2018/19-1	Wet	11/22/2018 9:36:00 AM	1/4/2019 10:20:00 AM	Naphthalene	n/a	<	0.2	µg/L	EPA 8270C	0.2	0.2	WKL	
MO-HUE	2018/19-1	Wet	11/22/2018 9:36:00 AM	12/29/2018 3:24:00 AM	Nitrobenzene	n/a	<	0.72	µg/L	EPA 625	0.72	2	WKL	
MO-HUE	2018/19-1	Wet	11/22/2018 9:36:00 AM	12/29/2018 3:24:00 AM	N-Nitrosodimethylamine	n/a	<	0.28	µg/L	EPA 625	0.28	2	WKL	
MO-HUE	2018/19-1	Wet	11/22/2018 9:36:00 AM	12/29/2018 3:24:00 AM	N-Nitrosodi-N-propylamine	n/a	<	0.52	µg/L	EPA 625	0.52	2	WKL	
MO-HUE	2018/19-1	Wet	11/22/2018 9:36:00 AM	12/29/2018 3:24:00 AM	N-Nitrosodiphenylamine	n/a	<	0.38	µg/L	EPA 625	0.38	2	WKL	
MO-HUE	2018/19-1	Wet	11/22/2018 9:36:00 AM	1/4/2019 10:20:00 AM	Phenanthrene	n/a	<	0.2	µg/L	EPA 8270C	0.2	0.2	WKL	
MO-HUE	2018/19-1	Wet	11/22/2018 9:36:00 AM	12/29/2018 3:24:00 AM	Phenanthrene	n/a	<	0.64	µg/L	EPA 625	0.64	2	WKL	
MO-HUE	2018/19-1	Wet	11/22/2018 9:36:00 AM	1/3/2019	Phenol	n/a	<	0.7	µg/L	EPA 8270C	0.7	2	WKL	
MO-HUE	2018/19-1	Wet	11/22/2018 9:36:00 AM	12/29/2018 3:24:00 AM	Phenol	n/a	<	0.32	µg/L	EPA 625	0.32	2	WKL	
MO-HUE	2018/19-1	Wet	11/22/2018 9:36:00 AM	1/4/2019 10:20:00 AM	Pyrene	n/a	<	0.2	µg/L	EPA 8270C	0.2	0.2	WKL	
MO-HUE	2018/19-1	Wet	11/22/2018 9:36:00 AM	12/29/2018 3:24:00 AM	Pyrene	n/a	<	0.5	µg/L	EPA 625	0.5	2	WKL	
MO-HUE	2018/19-1	Wet	11/22/2018 9:36:00 AM	12/20/2018 9:19:00 AM	PCB Aroclor 1016	n/a	<	1	µg/L	EPA 608	1	10	WKL	
MO-HUE	2018/19-1	Wet	11/22/2018 9:36:00 AM	12/20/2018 9:19:00 AM	PCB Aroclor 1221	n/a	<	1.2	µg/L	EPA 608	1.2	10	WKL	
MO-HUE	2018/19-1	Wet	11/22/2018 9:36:00 AM	12/20/2018 9:19:00 AM	PCB Aroclor 1232	n/a	<	3	µg/L	EPA 608	3	10	WKL	
MO-HUE	2018/19-1	Wet	11/22/2018 9:36:00 AM	12/20/2018 9:19:00 AM	PCB Aroclor 1242	n/a	<	1.4	µg/L	EPA 608	1.4	10	WKL	
MO-HUE	2018/19-1	Wet	11/22/2018 9:36:00 AM	12/20/2018 9:19:00 AM	PCB Aroclor 1248	n/a	<	1.2	µg/L	EPA 608	1.2	10	WKL	
MO-HUE	2018/19-1	Wet	11/22/2018 9:36:00 AM	12/20/2018 9:19:00 AM	PCB Aroclor 1254	n/a	<	0.8	µg/L	EPA 608	0.8	10	WKL	
MO-HUE	2018/19-1	Wet	11/22/2018 9:36:00 AM	12/20/2018 9:19:00 AM	PCB Aroclor 1260	n/a	<	0.8	µg/L	EPA 608	0.8	10	WKL	
MO-HUE	2018/19-1	Wet	11/22/2018 9:36:00 AM	12/15/2018 10:02:00 AM	2,4,5-T	n/a	<	0.07	µg/L	EPA 515.3	0.07	0.2	WKL	
MO-HUE	2018/19-1	Wet	11/22/2018 9:36:00 AM	12/15/2018 10:02:00 AM	2,4,5-TP	n/a	<	0.09	µg/L	EPA 515.3	0.09	0.2	WKL	
MO-HUE	2018/19-1	Wet	11/22/2018 9:36:00 AM	12/15/2018 10:02:00 AM	2,4-D	n/a	<	0.07	µg/L	EPA 515.3	0.07	0.4	WKL	
MO-HUE	2018/19-1	Wet	11/22/2018 9:36:00 AM	12/15/2018 10:02:00 AM	2,4-DB	n/a	DNQ	0.53	µg/L	EPA 515.3	0.07	2	WKL	
MO-HUE	2018/19-1	Wet	11/22/2018 9:36:00 AM	12/15/2018 10:02:00 AM	3,5-Dichlorobenzoic acid	n/a	<	0.09	µg/L	EPA 515.3	0.09	1	WKL	
MO-HUE	2018/19-1	Wet	11/22/2018 9:36:00 AM	12/20/2018 9:19:00 AM	4,4'-DDD	n/a	<	0.06	µg/L	EPA 608	0.06	1	WKL	
MO-HUE	2018/19-1	Wet	11/22/2018 9:36:00 AM	12/20/2018 9:19:00 AM	4,4'-DDE	n/a	<	0.05	µg/L	EPA 608	0.05	1	WKL	
MO-HUE	2018/19-1	Wet	11/22/2018 9:36:00 AM	12/20/2018 9:19:00 AM	4,4'-DDT	n/a	<	0.062	µg/L	EPA 608	0.062	0.2	WKL	
MO-HUE	2018/19-1	Wet	11/22/2018 9:36:00 AM	12/15/2018 10:02:00 AM	Acifluorfen	n/a	<	0.06	µg/L	EPA 515.3	0.06	0.4	WKL	
MO-HUE	2018/19-1	Wet	11/22/2018 9:36:00 AM	12/14/2018 8:20:00 AM	Alachlor	n/a	<	0.022	µg/L	EPA 525.2	0.022	0.1	WKL	
MO-HUE	2018/19-1	Wet	11/22/2018 9:36:00 AM	12/20/2018 9:19:00 AM	Aldrin	n/a	<	0.03	µg/L	EPA 608	0.03	0.1	WKL	
MO-HUE	2018/19-1	Wet	11/22/2018 9:36:00 AM	12/20/2018 9:19:00 AM	alpha-BHC	n/a	<	0.036	µg/L	EPA 608	0.036	0.2	WKL	
MO-HUE	2018/19-1	Wet	11/22/2018 9:36:00 AM	12/20/2018 9:19:00 AM	alpha-Chlordane	n/a	<	0.082	µg/L	EPA 608	0.082	0.2	WKL	

Appendix G
Laboratory Environmental Analysis Results

Site ID	Event	Event Type	Sample Date	Analysis Date	Constituent	Fraction	Sign	Result	Units	Method	MDL	Reporting Limit	Analyzing Laboratory	Qualifier
MO-HUE	2018/19-1	Wet	11/22/2018 9:36:00 AM	12/14/2018 8:20:00 AM	Atrazine	n/a	<	0.034	µg/L	EPA 525.2	0.034	0.1	WKL	
MO-HUE	2018/19-1	Wet	11/22/2018 9:36:00 AM	12/12/2018 9:51:00 AM	Azinphos methyl	n/a	<	0.0055	µg/L	EPA 525.2m	0.0055	0.01	WKL	
MO-HUE	2018/19-1	Wet	11/22/2018 9:36:00 AM	12/15/2018 10:02:00 AM	Bentazon	n/a	<	0.11	µg/L	EPA 515.3	0.11	2	WKL	
MO-HUE	2018/19-1	Wet	11/22/2018 9:36:00 AM	12/20/2018 9:19:00 AM	beta-BHC	n/a	<	0.062	µg/L	EPA 608	0.062	0.1	WKL	
MO-HUE	2018/19-1	Wet	11/22/2018 9:36:00 AM	12/12/2018 9:51:00 AM	Bolstar	n/a	<	0.0046	µg/L	EPA 525.2m	0.0046	0.01	WKL	
MO-HUE	2018/19-1	Wet	11/22/2018 9:36:00 AM	12/14/2018 8:20:00 AM	Bromacil	n/a	<	0.038	µg/L	EPA 525.2	0.038	1	WKL	
MO-HUE	2018/19-1	Wet	11/22/2018 9:36:00 AM	12/14/2018 8:20:00 AM	Butachlor	n/a	<	0.017	µg/L	EPA 525.2	0.017	0.2	WKL	
MO-HUE	2018/19-1	Wet	11/22/2018 9:36:00 AM	12/14/2018 8:20:00 AM	Captan	n/a	<	0.86	µg/L	EPA 525.2	0.86	1	WKL	
MO-HUE	2018/19-1	Wet	11/22/2018 9:36:00 AM	12/20/2018 9:19:00 AM	Chlordane (technical)	n/a	<	1.6	µg/L	EPA 608	1.6	2	WKL	
MO-HUE	2018/19-1	Wet	11/22/2018 9:36:00 AM	12/14/2018 8:20:00 AM	Chlorpropham	n/a	<	0.01	µg/L	EPA 525.2	0.01	0.1	WKL	
MO-HUE	2018/19-1	Wet	11/22/2018 9:36:00 AM	12/12/2018 9:51:00 AM	Chlorpyrifos	n/a	<	0.0069	µg/L	EPA 525.2m	0.0069	0.01	WKL	
MO-HUE	2018/19-1	Wet	11/22/2018 9:36:00 AM	12/12/2018 9:51:00 AM	Coumaphos	n/a	<	0.0051	µg/L	EPA 525.2m	0.0051	0.01	WKL	
MO-HUE	2018/19-1	Wet	11/22/2018 9:36:00 AM	12/14/2018 8:20:00 AM	Cyanazine	n/a	<	0.024	µg/L	EPA 525.2	0.024	0.1	WKL	
MO-HUE	2018/19-1	Wet	11/22/2018 9:36:00 AM	12/15/2018 10:02:00 AM	Dalapon	n/a	<	0.1	µg/L	EPA 515.3	0.1	0.4	WKL	
MO-HUE	2018/19-1	Wet	11/22/2018 9:36:00 AM	12/15/2018 10:02:00 AM	DCCA (Daacthal)	n/a	<	0.07	µg/L	EPA 515.3	0.07	0.1	WKL	
MO-HUE	2018/19-1	Wet	11/22/2018 9:36:00 AM	12/20/2018 9:19:00 AM	delta-BHC	n/a	<	0.05	µg/L	EPA 608	0.05	0.1	WKL	
MO-HUE	2018/19-1	Wet	11/22/2018 9:36:00 AM	12/12/2018 9:51:00 AM	Demeton-O	n/a	<	0.01	µg/L	EPA 525.2m	0.01	0.01	WKL	
MO-HUE	2018/19-1	Wet	11/22/2018 9:36:00 AM	12/12/2018 9:36:00 AM	Demeton-S	n/a	<	0.01	µg/L	EPA 525.2m	0.01	0.01	WKL	
MO-HUE	2018/19-1	Wet	11/22/2018 9:36:00 AM	12/12/2018 9:51:00 AM	Diazinon	n/a	<	0.0052	µg/L	EPA 525.2m	0.0052	0.01	WKL	
MO-HUE	2018/19-1	Wet	11/22/2018 9:36:00 AM	12/14/2018 8:20:00 AM	Diazinon	n/a	<	0.096	µg/L	EPA 525.2	0.096	0.1	WKL	
MO-HUE	2018/19-1	Wet	11/22/2018 9:36:00 AM	12/15/2018 10:02:00 AM	Dicamba	n/a	<	0.12	µg/L	EPA 515.3	0.12	0.6	WKL	
MO-HUE	2018/19-1	Wet	11/22/2018 9:36:00 AM	12/15/2018 10:02:00 AM	Dichlorprop	n/a	<	0.08	µg/L	EPA 515.3	0.08	0.3	WKL	
MO-HUE	2018/19-1	Wet	11/22/2018 9:36:00 AM	12/12/2018 9:51:00 AM	Dichlorvos	n/a	DNQ	0.0078	µg/L	EPA 525.2m	0.0029	0.01	WKL	
MO-HUE	2018/19-1	Wet	11/22/2018 9:36:00 AM	12/20/2018 9:19:00 AM	Dieldrin	n/a	<	0.042	µg/L	EPA 608	0.042	0.2	WKL	
MO-HUE	2018/19-1	Wet	11/22/2018 9:36:00 AM	12/14/2018 8:20:00 AM	Dimethoate	n/a	<	0.024	µg/L	EPA 525.2	0.024	0.2	WKL	
MO-HUE	2018/19-1	Wet	11/22/2018 9:36:00 AM	12/12/2018 9:51:00 AM	Dimethoate	n/a	<	0.0062	µg/L	EPA 525.2m	0.0062	0.01	WKL	
MO-HUE	2018/19-1	Wet	11/22/2018 9:36:00 AM	12/15/2018 10:02:00 AM	Dinoseb	n/a	<	0.14	µg/L	EPA 515.3	0.14	0.4	WKL	
MO-HUE	2018/19-1	Wet	11/22/2018 9:36:00 AM	12/14/2018 8:20:00 AM	Diphenamid	n/a	<	0.024	µg/L	EPA 525.2	0.024	0.1	WKL	
MO-HUE	2018/19-1	Wet	11/22/2018 9:36:00 AM	12/12/2018 9:51:00 AM	Disulfoton	n/a	<	0.01	µg/L	EPA 525.2m	0.01	0.01	WKL	
MO-HUE	2018/19-1	Wet	11/22/2018 9:36:00 AM	12/14/2018 8:20:00 AM	Disulfoton	n/a	<	0.031	µg/L	EPA 525.2	0.031	0.1	WKL	
MO-HUE	2018/19-1	Wet	11/22/2018 9:36:00 AM	12/20/2018 9:19:00 AM	Endosulfan I	n/a	<	0.034	µg/L	EPA 608	0.034	0.4	WKL	
MO-HUE	2018/19-1	Wet	11/22/2018 9:36:00 AM	12/20/2018 9:19:00 AM	Endosulfan II	n/a	<	0.038	µg/L	EPA 608	0.038	0.2	WKL	
MO-HUE	2018/19-1	Wet	11/22/2018 9:36:00 AM	12/20/2018 9:19:00 AM	Endosulfan sulfate	n/a	<	0.16	µg/L	EPA 608	0.16	1	WKL	
MO-HUE	2018/19-1	Wet	11/22/2018 9:36:00 AM	12/20/2018 9:19:00 AM	Endrin	n/a	<	0.056	µg/L	EPA 608	0.056	0.2	WKL	
MO-HUE	2018/19-1	Wet	11/22/2018 9:36:00 AM	12/20/2018 9:19:00 AM	Endrin aldehyde	n/a	<	0.06	µg/L	EPA 608	0.06	0.2	WKL	
MO-HUE	2018/19-1	Wet	11/22/2018 9:36:00 AM	12/14/2018 8:20:00 AM	EPTC	n/a	<	0.017	µg/L	EPA 525.2	0.017	1	WKL	
MO-HUE	2018/19-1	Wet	11/22/2018 9:36:00 AM	12/12/2018 9:51:00 AM	Ethoprop	n/a	<	0.0067	µg/L	EPA 525.2m	0.0067	0.01	WKL	
MO-HUE	2018/19-1	Wet	11/22/2018 9:36:00 AM	12/12/2018 9:51:00 AM	Ethyl parathion	n/a	<	0.0054	µg/L	EPA 525.2m	0.0054	0.01	WKL	
MO-HUE	2018/19-1	Wet	11/22/2018 9:36:00 AM	12/12/2018 9:51:00 AM	Fensulfathion	n/a	<	0.0029	µg/L	EPA 525.2m	0.0029	0.01	WKL	
MO-HUE	2018/19-1	Wet	11/22/2018 9:36:00 AM	12/12/2018 9:51:00 AM	Fenthion	n/a	<	0.0038	µg/L	EPA 525.2m	0.0038	0.01	WKL	
MO-HUE	2018/19-1	Wet	11/22/2018 9:36:00 AM	12/20/2018 9:19:00 AM	gamma-BHC (Lindane)	n/a	<	0.042	µg/L	EPA 608	0.042	0.4	WKL	
MO-HUE	2018/19-1	Wet	11/22/2018 9:36:00 AM	12/20/2018 9:19:00 AM	gamma-Chlordane	n/a	<	0.088	µg/L	EPA 608	0.088	0.2	WKL	
MO-HUE	2018/19-1	Wet	11/22/2018 9:36:00 AM	11/29/2018 1:55:00 AM	Glyphosate	n/a	<	18	µg/L	EPA 547	18	50	WKL	
MO-HUE	2018/19-1	Wet	11/22/2018 9:36:00 AM	12/20/2018 9:19:00 AM	Heptachlor	n/a	<	0.034	µg/L	EPA 608	0.034	0.2	WKL	
MO-HUE	2018/19-1	Wet	11/22/2018 9:36:00 AM	12/20/2018 9:19:00 AM	Heptachlor epoxide	n/a	<	0.038	µg/L	EPA 608	0.038	0.2	WKL	
MO-HUE	2018/19-1	Wet	11/22/2018 9:36:00 AM	12/12/2018 9:51:00 AM	Malathion	n/a	=	0.017	µg/L	EPA 525.2m	0.0076	0.01	WKL	
MO-HUE	2018/19-1	Wet	11/22/2018 9:36:00 AM	12/12/2018 9:51:00 AM	Merphos	n/a	<	0.0058	µg/L	EPA 525.2m	0.0058	0.01	WKL	
MO-HUE	2018/19-1	Wet	11/22/2018 9:36:00 AM	12/20/2018 9:19:00 AM	Methoxychlor	n/a	<	0.11	µg/L	EPA 608	0.11	0.4	WKL	

Appendix G
Laboratory Environmental Analysis Results

Site ID	Event	Event Type	Sample Date	Analysis Date	Constituent	Fraction	Sign	Result	Units	Method	MDL	Reporting Limit	Analyzing Laboratory	Qualifier
MO-HUE	2018/19-1	Wet	11/22/2018 9:36:00 AM	12/12/2018 9:51:00 AM	Methyl parathion	n/a	<	0.0063	µg/L	EPA 525.2m	0.0063	0.01	WKL	
MO-HUE	2018/19-1	Wet	11/22/2018 9:36:00 AM	12/14/2018 8:20:00 AM	Metolachlor	n/a	<	0.012	µg/L	EPA 525.2	0.012	0.1	WKL	
MO-HUE	2018/19-1	Wet	11/22/2018 9:36:00 AM	12/14/2018 8:20:00 AM	Metribuzin	n/a	<	0.2	µg/L	EPA 525.2	0.2	0.2	WKL	
MO-HUE	2018/19-1	Wet	11/22/2018 9:36:00 AM	12/12/2018 9:51:00 AM	Mevinphos	n/a	<	0.0042	µg/L	EPA 525.2m	0.0042	0.01	WKL	
MO-HUE	2018/19-1	Wet	11/22/2018 9:36:00 AM	12/14/2018 8:20:00 AM	Molinate	n/a	<	0.039	µg/L	EPA 525.2	0.039	0.1	WKL	
MO-HUE	2018/19-1	Wet	11/22/2018 9:36:00 AM	12/12/2018 9:51:00 AM	Naled	n/a	<	0.0076	µg/L	EPA 525.2m	0.0076	0.01	WKL	
MO-HUE	2018/19-1	Wet	11/22/2018 9:36:00 AM	12/15/2018 10:02:00 AM	Pentachlorophenol	n/a	<	0.04	µg/L	EPA 515.3	0.04	0.2	WKL	
MO-HUE	2018/19-1	Wet	11/22/2018 9:36:00 AM	12/29/2018 3:24:00 AM	Pentachlorophenol	n/a	<	0.38	µg/L	EPA 625	0.38	2	WKL	
MO-HUE	2018/19-1	Wet	11/22/2018 9:36:00 AM	1/3/2019	Pentachlorophenol	n/a	<	0.3	µg/L	EPA 8270C	0.3	2	WKL	
MO-HUE	2018/19-1	Wet	11/22/2018 9:36:00 AM	12/12/2018 9:51:00 AM	Phorate	n/a	<	0.003	µg/L	EPA 525.2m	0.003	0.01	WKL	
MO-HUE	2018/19-1	Wet	11/22/2018 9:36:00 AM	12/15/2018 10:02:00 AM	Picloram	n/a	<	0.05	µg/L	EPA 515.3	0.05	0.6	WKL	
MO-HUE	2018/19-1	Wet	11/22/2018 9:36:00 AM	12/14/2018 8:20:00 AM	Prometon	n/a	<	0.024	µg/L	EPA 525.2	0.024	0.2	WKL	
MO-HUE	2018/19-1	Wet	11/22/2018 9:36:00 AM	12/14/2018 8:20:00 AM	Prometryn	n/a	<	0.036	µg/L	EPA 525.2	0.036	0.1	WKL	
MO-HUE	2018/19-1	Wet	11/22/2018 9:36:00 AM	12/12/2018 9:51:00 AM	Ronnel (Fenchlorphos)	n/a	<	0.0041	µg/L	EPA 525.2m	0.0041	0.01	WKL	
MO-HUE	2018/19-1	Wet	11/22/2018 9:36:00 AM	12/14/2018 8:20:00 AM	Simazine	n/a	<	0.015	µg/L	EPA 525.2	0.015	0.1	WKL	
MO-HUE	2018/19-1	Wet	11/22/2018 9:36:00 AM	12/12/2018 9:51:00 AM	Stirophos (Tetrachlorvinphos)	n/a	<	0.0031	µg/L	EPA 525.2m	0.0031	0.01	WKL	
MO-HUE	2018/19-1	Wet	11/22/2018 9:36:00 AM	12/14/2018 8:20:00 AM	Terbacil	n/a	<	0.55	µg/L	EPA 525.2	0.55	2	WKL	
MO-HUE	2018/19-1	Wet	11/22/2018 9:36:00 AM	12/14/2018 8:20:00 AM	Thiobencarb	n/a	<	0.025	µg/L	EPA 525.2	0.025	0.2	WKL	
MO-HUE	2018/19-1	Wet	11/22/2018 9:36:00 AM	12/12/2018 9:51:00 AM	Tokuthion	n/a	<	0.0078	µg/L	EPA 525.2m	0.0078	0.01	WKL	
MO-HUE	2018/19-1	Wet	11/22/2018 9:36:00 AM	12/20/2018 9:19:00 AM	Toxaphene	n/a	<	2.4	µg/L	EPA 608	2.4	10	WKL	
MO-HUE	2018/19-1	Wet	11/22/2018 9:36:00 AM	12/12/2018 9:51:00 AM	Trichloronate	n/a	<	0.0067	µg/L	EPA 525.2m	0.0067	0.01	WKL	
MO-HUE	2018/19-1	Wet	11/22/2018 9:36:00 AM	12/14/2018 8:20:00 AM	Trithion	n/a	<	0.012	µg/L	EPA 525.2	0.012	0.1	WKL	
MO-HUE	2018/19-2	Wet	11/29/2018 3:15:00 AM	11/30/2018 4:25:00 AM	E. Coli	n/a	=	1059	MPN/100 mL	MMO-MUG	10	10	VCHCA	
MO-HUE	2018/19-2	Wet	11/29/2018 3:15:00 AM	11/30/2018 4:25:00 AM	Total Coliform	n/a	=	15850	MPN/100 mL	MMO-MUG	100	100	VCHCA	
MO-HUE	2018/19-2	Wet	11/29/2018 3:15:00 AM	11/29/2018 3:15:00 AM	Conductivity	n/a	=	12320	µmhos/cm	Field Meter	-88	1	Field Crew	
MO-HUE	2018/19-2	Wet	11/29/2018 3:15:00 AM	12/11/2018 8:10:00 PM	Cyanide	Total	<	0.0005	mg/L	ASTM D7511	0.0005	0.002	Field Crew	
MO-HUE	2018/19-2	Wet	11/29/2018 3:15:00 AM	11/29/2018 3:15:00 AM	DO	n/a	=	20.5	%	Field Meter	-88	0.1	Field Crew	
MO-HUE	2018/19-2	Wet	11/29/2018 3:15:00 AM	11/29/2018 3:15:00 AM	DO	n/a	=	1.45	mg/L	Field Meter	-88	0.3	Field Crew	
MO-HUE	2018/19-2	Wet	11/29/2018 3:15:00 AM	11/29/2018 3:15:00 AM	pH	n/a	=	7.46	pH Units	Field Meter	-88	0.01	Field Crew	
MO-HUE	2018/19-2	Wet	11/29/2018 3:15:00 AM	11/29/2018 3:15:00 AM	Salinity	n/a	=	8500	mg/L	Field Meter	-88	100	Field Crew	
MO-HUE	2018/19-2	Wet	11/29/2018 3:15:00 AM	11/29/2018 3:15:00 AM	Specific Conductance	n/a	=	14500	µmhos/cm	Field Meter	-88	1	Field Crew	
MO-HUE	2018/19-2	Wet	11/29/2018 3:15:00 AM	11/29/2018 3:15:00 AM	Temperature	n/a	=	24.5	°C	Field Meter	-88	0.1	Field Crew	
MO-HUE	2018/19-2	Wet	11/29/2018 3:15:00 AM	12/1/2018 11:07:00 AM	Gasoline Range Organics	n/a	DNQ	0.04	mg/L	LUFT GC/MS	0.012	0.1	WKL	
MO-HUE	2018/19-2	Wet	11/29/2018 3:15:00 AM	12/14/2018 4:48:00 PM	Oil and Grease	n/a	<	1.3	mg/L	EPA 1664A	1.3	5	WKL	
MO-HUE	2018/19-2	Wet	11/29/2018 3:15:00 AM	12/4/2018 6:48:00 AM	2-Chloroethyl vinyl ether	n/a	<	0.28	µg/L	EPA 624	0.28	1	WKL	
MO-HUE	2018/19-2	Wet	11/29/2018 3:15:00 AM	12/4/2018 6:48:00 AM	Methyl tert-butyl ether (MTBE)	n/a	<	0.25	µg/L	EPA 624	0.25	1	WKL	
MO-HUE	2018/19-2	Wet	11/30/2018 4:55:00 AM	12/4/2018	Chloride	n/a	=	4000	mg/L	EPA 300.0	2.5	12	WKL	
MO-HUE	2018/19-2	Wet	11/30/2018 4:55:00 AM	12/4/2018	Fluoride	n/a	DNQ	0.6	mg/L	EPA 300.0	0.2	1	WKL	
MO-HUE	2018/19-2	Wet	11/30/2018 4:55:00 AM	12/2/2018 8:41:00 AM	Perchlorate	n/a	<	9.5	µg/L	EPA 314.0	9.5	20	WKL	
MO-HUE	2018/19-2	Wet	11/30/2018 4:55:00 AM	12/4/2018	Sulfate	Total	=	1200	mg/L	EPA 300.0	1	5	WKL	
MO-HUE	2018/19-2	Wet	11/30/2018 4:55:00 AM	12/7/2018 4:10:00 PM	Calcium	Total	=	248	mg/L	EPA 200.7	0.016	0.1	WKL	
MO-HUE	2018/19-2	Wet	11/30/2018 4:55:00 AM	12/7/2018 4:10:00 PM	Magnesium	Total	=	287	mg/L	EPA 200.7	0.012	0.1	WKL	
MO-HUE	2018/19-2	Wet	11/30/2018 4:55:00 AM	12/7/2018 4:10:00 PM	Potassium	Total	=	110	mg/L	EPA 200.7	0.081	0.1	WKL	
MO-HUE	2018/19-2	Wet	11/30/2018 4:55:00 AM	12/7/2018 4:10:00 PM	Sodium	Total	=	1400	mg/L	EPA 200.7	0.015	0.5	WKL	
MO-HUE	2018/19-2	Wet	11/30/2018 4:55:00 AM	12/11/2018 12:20:00 PM	Alkalinity as CaCO3	n/a	=	340	mg/L	SM 2320 B	0.56	2	WKL	
MO-HUE	2018/19-2	Wet	11/30/2018 4:55:00 AM	12/6/2018 2:39:00 PM	BOD	n/a	=	3.7	mg/L	SM 5210 B	2	2	WKL	
MO-HUE	2018/19-2	Wet	11/30/2018 4:55:00 AM	12/5/2018 4:19:00 PM	COD	n/a	=	61	mg/L	EPA 410.4	0.73	5	WKL	
MO-HUE	2018/19-2	Wet	11/30/2018 4:55:00 AM	12/20/2018 9:28:00 AM	Dissolved Inorganic Carbon	Dissolved	=	96	mg/L	SM 5310 B	0.016	0.5	WKL	

Appendix G
Laboratory Environmental Analysis Results

Site ID	Event	Event Type	Sample Date	Analysis Date	Constituent	Fraction	Sign	Result	Units	Method	MDL	Reporting Limit	Analyzing Laboratory	Qualifier
MO-HUE	2018/19-2	Wet	11/30/2018 4:55:00 AM	12/18/2018 1:32:00 PM	Dissolved Organic Carbon	Dissolved	=	9.1	mg/L	SM 5310 B	0.013	0.3	WKL	
MO-HUE	2018/19-2	Wet	11/30/2018 4:55:00 AM	12/7/2018 4:10:00 PM	Hardness as CaCO3	Total	=	1800	mg/L	EPA 200.7	0.0894	0.662	WKL	
MO-HUE	2018/19-2	Wet	11/30/2018 4:55:00 AM	12/1/2018 7:40:00 PM	MBAS	n/a	=	0.086	mg/L	SM 5540 C	0.019	0.05	WKL	
MO-HUE	2018/19-2	Wet	11/30/2018 4:55:00 AM	12/19/2018 5:56:00 PM	Phenolics	n/a	=	0.044	mg/L	EPA 420.4	0.0042	0.01	WKL	
MO-HUE	2018/19-2	Wet	11/30/2018 4:55:00 AM	12/20/2018 3:56:00 PM	Specific Conductance	n/a	=	15000	µmhos/cm	SM 2510 B	0.23	2	WKL	
MO-HUE	2018/19-2	Wet	11/30/2018 4:55:00 AM	12/1/2018 10:20:00 PM	Total Chlorine Residual	n/a	DNQ	0.046	mg/L	SM 4500-Cl G	0.0015	0.05	WKL	EST-HT
MO-HUE	2018/19-2	Wet	11/30/2018 4:55:00 AM	12/6/2018 5:33:00 PM	Total Dissolved Solids	n/a	=	12000	mg/L	SM 2540 C	4	10	WKL	
MO-HUE	2018/19-2	Wet	11/30/2018 4:55:00 AM	12/12/2018 12:06:00 PM	Total Organic Carbon	n/a	=	10	mg/L	SM 5310 B	0.009	0.3	WKL	
MO-HUE	2018/19-2	Wet	11/30/2018 4:55:00 AM	12/3/2018 11:39:00 AM	Total Suspended Solids	n/a	=	18	mg/L	SM 2540 D	-88	5	WKL	
MO-HUE	2018/19-2	Wet	11/30/2018 4:55:00 AM	11/30/2018 5:37:00 PM	Turbidity	n/a	=	16	NTU	EPA 180.1	0.024	0.1	WKL	
MO-HUE	2018/19-2	Wet	11/30/2018 4:55:00 AM	12/3/2018 11:39:00 AM	Volatile Suspended Solids	n/a	=	11	mg/L	EPA 160.4	3.1	5	WKL	
MO-HUE	2018/19-2	Wet	11/30/2018 4:55:00 AM	12/19/2018 6:12:00 AM	Diesel Range Organics	n/a	=	0.18	mg/L	EPA 8015D	0.024	0.1	WKL	
MO-HUE	2018/19-2	Wet	11/30/2018 4:55:00 AM	12/19/2018 6:12:00 AM	Oil Range Organics	n/a	<	0.33	mg/L	EPA 8015D	0.33	0.5	WKL	
MO-HUE	2018/19-2	Wet	11/30/2018 4:55:00 AM	12/11/2018 2:11:00 PM	Aluminum	Dissolved	DNQ	3.1	µg/L	EPA 200.8	2.6	10	WKL	
MO-HUE	2018/19-2	Wet	11/30/2018 4:55:00 AM	12/11/2018 2:33:00 PM	Aluminum	Total	=	130	µg/L	EPA 200.8	2.6	10	WKL	
MO-HUE	2018/19-2	Wet	11/30/2018 4:55:00 AM	12/11/2018 2:11:00 PM	Antimony	Dissolved	DNQ	0.26	µg/L	EPA 200.8	0.09	1	WKL	
MO-HUE	2018/19-2	Wet	11/30/2018 4:55:00 AM	12/11/2018 2:33:00 PM	Antimony	Total	DNQ	0.26	µg/L	EPA 200.8	0.09	1	WKL	
MO-HUE	2018/19-2	Wet	11/30/2018 4:55:00 AM	12/11/2018 2:11:00 PM	Arsenic	Dissolved	=	1.9	µg/L	EPA 200.8	0.15	0.8	WKL	
MO-HUE	2018/19-2	Wet	11/30/2018 4:55:00 AM	12/11/2018 2:33:00 PM	Arsenic	Total	=	2.4	µg/L	EPA 200.8	0.15	0.8	WKL	
MO-HUE	2018/19-2	Wet	11/30/2018 4:55:00 AM	12/11/2018 2:33:00 PM	Barium	Total	=	74	µg/L	EPA 200.8	0.14	1	WKL	
MO-HUE	2018/19-2	Wet	11/30/2018 4:55:00 AM	12/11/2018 2:11:00 PM	Beryllium	Dissolved	<	0.066	µg/L	EPA 200.8	0.066	0.2	WKL	
MO-HUE	2018/19-2	Wet	11/30/2018 4:55:00 AM	12/11/2018 2:33:00 PM	Beryllium	Total	<	0.066	µg/L	EPA 200.8	0.066	0.2	WKL	
MO-HUE	2018/19-2	Wet	11/30/2018 4:55:00 AM	12/11/2018 2:11:00 PM	Cadmium	Dissolved	=	0.24	µg/L	EPA 200.8	0.082	0.2	WKL	
MO-HUE	2018/19-2	Wet	11/30/2018 4:55:00 AM	12/11/2018 2:33:00 PM	Cadmium	Total	=	0.32	µg/L	EPA 200.8	0.082	0.2	WKL	
MO-HUE	2018/19-2	Wet	11/30/2018 4:55:00 AM	12/11/2018 2:11:00 PM	Chromium	Dissolved	DNQ	0.1	µg/L	EPA 200.8	0.07	0.4	WKL	UL-MB
MO-HUE	2018/19-2	Wet	11/30/2018 4:55:00 AM	12/11/2018 2:33:00 PM	Chromium	Total	=	0.44	µg/L	EPA 200.8	0.07	0.4	WKL	
MO-HUE	2018/19-2	Wet	11/30/2018 4:55:00 AM	12/4/2018 5:36:00 PM	Chromium VI	n/a	<	0.096	µg/L	EPA 218.6	0.096	0.4	WKL	
MO-HUE	2018/19-2	Wet	11/30/2018 4:55:00 AM	12/11/2018 2:11:00 PM	Copper	Dissolved	=	1.4	µg/L	EPA 200.8	0.26	1	WKL	
MO-HUE	2018/19-2	Wet	11/30/2018 4:55:00 AM	12/11/2018 2:33:00 PM	Copper	Total	=	2.3	µg/L	EPA 200.8	0.26	1	WKL	
MO-HUE	2018/19-2	Wet	11/30/2018 4:55:00 AM	12/7/2018 4:04:00 PM	Iron	Dissolved	=	15	µg/L	EPA 200.7	1.1	10	WKL	
MO-HUE	2018/19-2	Wet	11/30/2018 4:55:00 AM	12/7/2018 4:10:00 PM	Iron	Total	=	1600	µg/L	EPA 200.7	1.1	10	WKL	
MO-HUE	2018/19-2	Wet	11/30/2018 4:55:00 AM	12/11/2018 2:11:00 PM	Lead	Dissolved	<	0.062	µg/L	EPA 200.8	0.062	0.4	WKL	
MO-HUE	2018/19-2	Wet	11/30/2018 4:55:00 AM	12/11/2018 2:33:00 PM	Lead	Total	=	0.44	µg/L	EPA 200.8	0.062	0.4	WKL	
MO-HUE	2018/19-2	Wet	11/30/2018 4:55:00 AM	12/12/2018 1:19:00 PM	Mercury	Dissolved	<	17	ng/L	EPA 245.1	17	50	WKL	
MO-HUE	2018/19-2	Wet	11/30/2018 4:55:00 AM	12/12/2018 1:21:00 PM	Mercury	Total	<	17	ng/L	EPA 245.1	17	50	WKL	
MO-HUE	2018/19-2	Wet	11/30/2018 4:55:00 AM	12/11/2018 2:11:00 PM	Nickel	Dissolved	=	2.1	µg/L	EPA 200.8	0.09	1.6	WKL	
MO-HUE	2018/19-2	Wet	11/30/2018 4:55:00 AM	12/11/2018 2:33:00 PM	Nickel	Total	=	2.3	µg/L	EPA 200.8	0.09	1.6	WKL	
MO-HUE	2018/19-2	Wet	11/30/2018 4:55:00 AM	12/11/2018 2:11:00 PM	Selenium	Dissolved	<	0.28	µg/L	EPA 200.8	0.28	0.8	WKL	
MO-HUE	2018/19-2	Wet	11/30/2018 4:55:00 AM	12/11/2018 2:33:00 PM	Selenium	Total	DNQ	0.3	µg/L	EPA 200.8	0.28	0.8	WKL	
MO-HUE	2018/19-2	Wet	11/30/2018 4:55:00 AM	12/11/2018 2:11:00 PM	Silver	Dissolved	<	0.12	µg/L	EPA 200.8	0.12	0.4	WKL	
MO-HUE	2018/19-2	Wet	11/30/2018 4:55:00 AM	12/11/2018 2:33:00 PM	Silver	Total	<	0.12	µg/L	EPA 200.8	0.12	0.4	WKL	
MO-HUE	2018/19-2	Wet	11/30/2018 4:55:00 AM	12/11/2018 2:11:00 PM	Thallium	Dissolved	<	0.028	µg/L	EPA 200.8	0.028	0.4	WKL	
MO-HUE	2018/19-2	Wet	11/30/2018 4:55:00 AM	12/11/2018 2:33:00 PM	Thallium	Total	<	0.028	µg/L	EPA 200.8	0.028	0.4	WKL	
MO-HUE	2018/19-2	Wet	11/30/2018 4:55:00 AM	12/11/2018 2:11:00 PM	Zinc	Dissolved	DNQ	6.1	µg/L	EPA 200.8	1.9	10	WKL	
MO-HUE	2018/19-2	Wet	11/30/2018 4:55:00 AM	12/11/2018 2:33:00 PM	Zinc	Total	=	11	µg/L	EPA 200.8	1.9	10	WKL	
MO-HUE	2018/19-2	Wet	11/30/2018 4:55:00 AM	12/6/2018 6:08:00 PM	Ammonia as N	n/a	=	1.8	mg/L	EPA 350.1	0.048	0.1	WKL	
MO-HUE	2018/19-2	Wet	11/30/2018 4:55:00 AM	12/21/2018 11:27:00 AM	Nitrate + Nitrite as N	n/a	DNQ	0.12	mg/L	EPA 353.2	0.083	0.2	WKL	
MO-HUE	2018/19-2	Wet	11/30/2018 4:55:00 AM	1/16/2019 6:04:00 PM	Phosphorus as P	Dissolved	=	0.44	mg/L	EPA 200.7	0.012	0.02	WKL	

Appendix G
Laboratory Environmental Analysis Results

Site ID	Event	Event Type	Sample Date	Analysis Date	Constituent	Fraction	Sign	Result	Units	Method	MDL	Reporting Limit	Analyzing Laboratory	Qualifier
MO-HUE	2018/19-2	Wet	11/30/2018 4:55:00 AM	1/16/2019 6:07:00 PM	Phosphorus as P	Total	=	0.89	mg/L	EPA 200.7	0.012	0.02	WKL	
MO-HUE	2018/19-2	Wet	11/30/2018 4:55:00 AM	12/18/2018 3:13:00 PM	TKN	n/a	=	2.7	mg/L	EPA 351.2	0.05	0.1	WKL	
MO-HUE	2018/19-2	Wet	11/30/2018 4:55:00 AM	1/7/2019 6:29:00 AM	1,2,4-Trichlorobenzene	n/a	<	0.55	µg/L	EPA 625	0.55	1	WKL	
MO-HUE	2018/19-2	Wet	11/30/2018 4:55:00 AM	1/7/2019 6:29:00 AM	1,2-Dichlorobenzene	n/a	<	0.57	µg/L	EPA 625	0.57	1	WKL	
MO-HUE	2018/19-2	Wet	11/30/2018 4:55:00 AM	1/7/2019 6:29:00 AM	1,2-Diphenylhydrazine	n/a	<	0.25	µg/L	EPA 625	0.25	1	WKL	
MO-HUE	2018/19-2	Wet	11/30/2018 4:55:00 AM	1/7/2019 6:29:00 AM	1,3-Dichlorobenzene	n/a	<	0.53	µg/L	EPA 625	0.53	1	WKL	
MO-HUE	2018/19-2	Wet	11/30/2018 4:55:00 AM	1/7/2019 6:29:00 AM	1,4-Dichlorobenzene	n/a	<	0.55	µg/L	EPA 625	0.55	1	WKL	
MO-HUE	2018/19-2	Wet	11/30/2018 4:55:00 AM	1/12/2019 3:04:00 AM	1-Methylnaphthalene	n/a	<	0.1	µg/L	EPA 8270C	0.1	0.1	WKL	
MO-HUE	2018/19-2	Wet	11/30/2018 4:55:00 AM	1/11/2019 7:00:00 AM	2,4,5-Trichlorophenol	n/a	<	0.29	µg/L	EPA 8270C	0.29	1	WKL	
MO-HUE	2018/19-2	Wet	11/30/2018 4:55:00 AM	1/11/2019 7:00:00 AM	2,4,6-Trichlorophenol	n/a	<	0.3	µg/L	EPA 8270C	0.3	1	WKL	
MO-HUE	2018/19-2	Wet	11/30/2018 4:55:00 AM	1/7/2019 6:29:00 AM	2,4,6-Trichlorophenol	n/a	<	0.22	µg/L	EPA 625	0.22	1	WKL	
MO-HUE	2018/19-2	Wet	11/30/2018 4:55:00 AM	1/11/2019 7:00:00 AM	2,4-Dichlorophenol	n/a	<	0.51	µg/L	EPA 8270C	0.51	1	WKL	
MO-HUE	2018/19-2	Wet	11/30/2018 4:55:00 AM	1/7/2019 6:29:00 AM	2,4-Dichlorophenol	n/a	<	0.26	µg/L	EPA 625	0.26	1	WKL	
MO-HUE	2018/19-2	Wet	11/30/2018 4:55:00 AM	1/11/2019 7:00:00 AM	2,4-Dimethylphenol	n/a	<	1	µg/L	EPA 8270C	1	2	WKL	
MO-HUE	2018/19-2	Wet	11/30/2018 4:55:00 AM	1/7/2019 6:29:00 AM	2,4-Dimethylphenol	n/a	<	0.3	µg/L	EPA 625	0.3	1	WKL	
MO-HUE	2018/19-2	Wet	11/30/2018 4:55:00 AM	1/7/2019 6:29:00 AM	2,4-Dinitrophenol	n/a	<	1.6	µg/L	EPA 625	1.6	10	WKL	
MO-HUE	2018/19-2	Wet	11/30/2018 4:55:00 AM	1/11/2019 7:00:00 AM	2,4-Dinitrophenol	n/a	<	1	µg/L	EPA 8270C	1	2	WKL	
MO-HUE	2018/19-2	Wet	11/30/2018 4:55:00 AM	1/7/2019 6:29:00 AM	2,4-Dinitrotoluene	n/a	<	0.18	µg/L	EPA 625	0.18	1	WKL	
MO-HUE	2018/19-2	Wet	11/30/2018 4:55:00 AM	1/7/2019 6:29:00 AM	2,6-Dinitrotoluene	n/a	<	0.27	µg/L	EPA 625	0.27	1	WKL	
MO-HUE	2018/19-2	Wet	11/30/2018 4:55:00 AM	1/7/2019 6:29:00 AM	2-Chloronaphthalene	n/a	<	0.45	µg/L	EPA 625	0.45	1	WKL	
MO-HUE	2018/19-2	Wet	11/30/2018 4:55:00 AM	1/7/2019 6:29:00 AM	2-Chlorophenol	n/a	<	0.28	µg/L	EPA 625	0.28	1	WKL	
MO-HUE	2018/19-2	Wet	11/30/2018 4:55:00 AM	1/11/2019 7:00:00 AM	2-Chlorophenol	n/a	<	0.65	µg/L	EPA 8270C	0.65	1	WKL	
MO-HUE	2018/19-2	Wet	11/30/2018 4:55:00 AM	1/12/2019 3:04:00 AM	2-Methylnaphthalene	n/a	<	0.1	µg/L	EPA 8270C	0.1	0.1	WKL	
MO-HUE	2018/19-2	Wet	11/30/2018 4:55:00 AM	1/11/2019 7:00:00 AM	2-Methylphenol	n/a	<	0.34	µg/L	EPA 8270C	0.34	1	WKL	
MO-HUE	2018/19-2	Wet	11/30/2018 4:55:00 AM	1/11/2019 7:00:00 AM	2-Nitrophenol	n/a	<	0.71	µg/L	EPA 8270C	0.71	1	WKL	
MO-HUE	2018/19-2	Wet	11/30/2018 4:55:00 AM	1/7/2019 6:29:00 AM	2-Nitrophenol	n/a	<	0.26	µg/L	EPA 625	0.26	1	WKL	
MO-HUE	2018/19-2	Wet	11/30/2018 4:55:00 AM	1/7/2019 6:29:00 AM	3,3'-Dichlorobenzidine	n/a	<	1.2	µg/L	EPA 625	1.2	5	WKL	
MO-HUE	2018/19-2	Wet	11/30/2018 4:55:00 AM	1/11/2019 7:00:00 AM	3-/4-Methylphenol	n/a	<	0.3	µg/L	EPA 8270C	0.3	1	WKL	
MO-HUE	2018/19-2	Wet	11/30/2018 4:55:00 AM	1/11/2019 7:00:00 AM	4,6-Dinitro-2-methylphenol	n/a	<	0.14	µg/L	EPA 8270C	0.14	1	WKL	
MO-HUE	2018/19-2	Wet	11/30/2018 4:55:00 AM	1/7/2019 6:29:00 AM	4,6-Dinitro-2-methylphenol	n/a	<	1.7	µg/L	EPA 625	1.7	5	WKL	
MO-HUE	2018/19-2	Wet	11/30/2018 4:55:00 AM	1/7/2019 6:29:00 AM	4-Bromophenyl phenyl ether	n/a	<	0.36	µg/L	EPA 625	0.36	1	WKL	
MO-HUE	2018/19-2	Wet	11/30/2018 4:55:00 AM	1/11/2019 7:00:00 AM	4-Chloro-3-methylphenol	n/a	<	0.37	µg/L	EPA 8270C	0.37	1	WKL	
MO-HUE	2018/19-2	Wet	11/30/2018 4:55:00 AM	1/7/2019 6:29:00 AM	4-Chloro-3-methylphenol	n/a	<	0.23	µg/L	EPA 625	0.23	1	WKL	
MO-HUE	2018/19-2	Wet	11/30/2018 4:55:00 AM	1/7/2019 6:29:00 AM	4-Chlorophenyl phenyl ether	n/a	<	0.41	µg/L	EPA 625	0.41	1	WKL	
MO-HUE	2018/19-2	Wet	11/30/2018 4:55:00 AM	1/11/2019 7:00:00 AM	4-Nitrophenol	n/a	<	1	µg/L	EPA 8270C	1	2	WKL	
MO-HUE	2018/19-2	Wet	11/30/2018 4:55:00 AM	1/7/2019 6:29:00 AM	4-Nitrophenol	n/a	<	0.45	µg/L	EPA 625	0.45	5	WKL	
MO-HUE	2018/19-2	Wet	11/30/2018 4:55:00 AM	1/7/2019 6:29:00 AM	Acenaphthene	n/a	<	0.38	µg/L	EPA 625	0.38	1	WKL	
MO-HUE	2018/19-2	Wet	11/30/2018 4:55:00 AM	1/12/2019 3:04:00 AM	Acenaphthene	n/a	<	0.1	µg/L	EPA 8270C	0.1	0.1	WKL	
MO-HUE	2018/19-2	Wet	11/30/2018 4:55:00 AM	1/7/2019 6:29:00 AM	Acenaphthylene	n/a	<	0.4	µg/L	EPA 625	0.4	1	WKL	
MO-HUE	2018/19-2	Wet	11/30/2018 4:55:00 AM	1/12/2019 3:04:00 AM	Acenaphthylene	n/a	<	0.1	µg/L	EPA 8270C	0.1	0.1	WKL	
MO-HUE	2018/19-2	Wet	11/30/2018 4:55:00 AM	1/7/2019 6:29:00 AM	Anthracene	n/a	<	0.34	µg/L	EPA 625	0.34	1	WKL	
MO-HUE	2018/19-2	Wet	11/30/2018 4:55:00 AM	1/12/2019 3:04:00 AM	Anthracene	n/a	<	0.1	µg/L	EPA 8270C	0.1	0.1	WKL	
MO-HUE	2018/19-2	Wet	11/30/2018 4:55:00 AM	1/7/2019 6:29:00 AM	Benz(a)anthracene	n/a	<	0.19	µg/L	EPA 625	0.19	1	WKL	
MO-HUE	2018/19-2	Wet	11/30/2018 4:55:00 AM	1/12/2019 3:04:00 AM	Benz(a)anthracene	n/a	<	0.1	µg/L	EPA 8270C	0.1	0.1	WKL	
MO-HUE	2018/19-2	Wet	11/30/2018 4:55:00 AM	1/7/2019 6:29:00 AM	Benzenzidine	n/a	<	3.7	µg/L	EPA 625	3.7	10	WKL	
MO-HUE	2018/19-2	Wet	11/30/2018 4:55:00 AM	1/7/2019 6:29:00 AM	Benzo(a)pyrene	n/a	<	0.13	µg/L	EPA 625	0.13	1	WKL	
MO-HUE	2018/19-2	Wet	11/30/2018 4:55:00 AM	1/12/2019 3:04:00 AM	Benzo(a)pyrene	n/a	<	0.1	µg/L	EPA 8270C	0.1	0.1	WKL	
MO-HUE	2018/19-2	Wet	11/30/2018 4:55:00 AM	12/19/2018 6:27:00 AM	Benzo(a)pyrene	n/a	<	0.07	µg/L	EPA 525.2	0.07	0.1	WKL	

Appendix G
Laboratory Environmental Analysis Results

Site ID	Event	Event Type	Sample Date	Analysis Date	Constituent	Fraction	Sign	Result	Units	Method	MDL	Reporting Limit	Analyzing Laboratory	Qualifier
MO-HUE	2018/19-2	Wet	11/30/2018 4:55:00 AM	1/12/2019 3:04:00 AM	Benzo(b)fluoranthene	n/a	<	0.1	µg/L	EPA 8270C	0.1	0.1	WKL	
MO-HUE	2018/19-2	Wet	11/30/2018 4:55:00 AM	1/7/2019 6:29:00 AM	Benzo(b)fluoranthene	n/a	<	0.14	µg/L	EPA 625	0.14	1	WKL	
MO-HUE	2018/19-2	Wet	11/30/2018 4:55:00 AM	1/7/2019 6:29:00 AM	Benzo(g,h,i)perylene	n/a	<	0.1	µg/L	EPA 625	0.1	2	WKL	
MO-HUE	2018/19-2	Wet	11/30/2018 4:55:00 AM	1/12/2019 3:04:00 AM	Benzo(g,h,i)perylene	n/a	<	0.1	µg/L	EPA 8270C	0.1	0.1	WKL	
MO-HUE	2018/19-2	Wet	11/30/2018 4:55:00 AM	1/12/2019 3:04:00 AM	Benzo(k)fluoranthene	n/a	<	0.1	µg/L	EPA 8270C	0.1	0.1	WKL	
MO-HUE	2018/19-2	Wet	11/30/2018 4:55:00 AM	1/7/2019 6:29:00 AM	Benzo(k)fluoranthene	n/a	<	0.22	µg/L	EPA 625	0.22	1	WKL	
MO-HUE	2018/19-2	Wet	11/30/2018 4:55:00 AM	1/7/2019 6:29:00 AM	Bis(2-chloroethoxy)methane	n/a	<	0.25	µg/L	EPA 625	0.25	1	WKL	
MO-HUE	2018/19-2	Wet	11/30/2018 4:55:00 AM	1/7/2019 6:29:00 AM	Bis(2-chloroethyl)ether	n/a	<	0.27	µg/L	EPA 625	0.27	1	WKL	
MO-HUE	2018/19-2	Wet	11/30/2018 4:55:00 AM	1/7/2019 6:29:00 AM	Bis(2-chloroisopropyl)ether	n/a	<	0.38	µg/L	EPA 625	0.38	1	WKL	
MO-HUE	2018/19-2	Wet	11/30/2018 4:55:00 AM	12/19/2018 6:27:00 AM	Bis(2-ethylhexyl)adipate	n/a	<	0.1	µg/L	EPA 525.2	0.1	5	WKL	
MO-HUE	2018/19-2	Wet	11/30/2018 4:55:00 AM	1/7/2019 6:29:00 AM	Bis(2-ethylhexyl)phthalate	n/a	<	2.3	µg/L	EPA 625	2.3	5	WKL	
MO-HUE	2018/19-2	Wet	11/30/2018 4:55:00 AM	12/19/2018 6:27:00 AM	Bis(2-ethylhexyl)phthalate	n/a	<	1.1	µg/L	EPA 525.2	1.1	3	WKL	
MO-HUE	2018/19-2	Wet	11/30/2018 4:55:00 AM	1/7/2019 6:29:00 AM	Butyl benzyl phthalate	n/a	DNQ	0.2	µg/L	EPA 625	0.18	1	WKL	UL-MB
MO-HUE	2018/19-2	Wet	11/30/2018 4:55:00 AM	1/7/2019 6:29:00 AM	Chrysene	n/a	<	0.19	µg/L	EPA 625	0.19	1	WKL	
MO-HUE	2018/19-2	Wet	11/30/2018 4:55:00 AM	1/12/2019 3:04:00 AM	Chrysene	n/a	<	0.1	µg/L	EPA 8270C	0.1	0.1	WKL	
MO-HUE	2018/19-2	Wet	11/30/2018 4:55:00 AM	1/7/2019 6:29:00 AM	Dibenz(a,h)anthracene	n/a	<	0.08	µg/L	EPA 625	0.08	2	WKL	
MO-HUE	2018/19-2	Wet	11/30/2018 4:55:00 AM	1/12/2019 3:04:00 AM	Dibenz(a,h)anthracene	n/a	<	0.1	µg/L	EPA 8270C	0.1	0.1	WKL	
MO-HUE	2018/19-2	Wet	11/30/2018 4:55:00 AM	1/7/2019 6:29:00 AM	Diethyl phthalate	n/a	DNQ	0.24	µg/L	EPA 625	0.15	1	WKL	
MO-HUE	2018/19-2	Wet	11/30/2018 4:55:00 AM	1/7/2019 6:29:00 AM	Dimethyl phthalate	n/a	=	2.4	µg/L	EPA 625	0.18	1	WKL	
MO-HUE	2018/19-2	Wet	11/30/2018 4:55:00 AM	1/7/2019 6:29:00 AM	Di-n-butylphthalate	n/a	<	0.24	µg/L	EPA 625	0.24	1	WKL	
MO-HUE	2018/19-2	Wet	11/30/2018 4:55:00 AM	1/7/2019 6:29:00 AM	Di-n-octylphthalate	n/a	<	0.19	µg/L	EPA 625	0.19	1	WKL	
MO-HUE	2018/19-2	Wet	11/30/2018 4:55:00 AM	1/7/2019 6:29:00 AM	Fluoranthene	n/a	<	0.22	µg/L	EPA 625	0.22	1	WKL	
MO-HUE	2018/19-2	Wet	11/30/2018 4:55:00 AM	1/12/2019 3:04:00 AM	Fluoranthene	n/a	<	0.1	µg/L	EPA 8270C	0.1	0.1	WKL	
MO-HUE	2018/19-2	Wet	11/30/2018 4:55:00 AM	1/12/2019 3:04:00 AM	Fluorene	n/a	<	0.1	µg/L	EPA 8270C	0.1	0.1	WKL	
MO-HUE	2018/19-2	Wet	11/30/2018 4:55:00 AM	1/7/2019 6:29:00 AM	Fluorene	n/a	<	0.35	µg/L	EPA 625	0.35	1	WKL	
MO-HUE	2018/19-2	Wet	11/30/2018 4:55:00 AM	1/7/2019 6:29:00 AM	Hexachlorobenzene	n/a	<	0.49	µg/L	EPA 625	0.49	1	WKL	
MO-HUE	2018/19-2	Wet	11/30/2018 4:55:00 AM	1/7/2019 6:29:00 AM	Hexachlorobutadiene	n/a	<	0.47	µg/L	EPA 625	0.47	1	WKL	
MO-HUE	2018/19-2	Wet	11/30/2018 4:55:00 AM	1/7/2019 6:29:00 AM	Hexachlorocyclopentadiene	n/a	<	1.5	µg/L	EPA 625	1.5	5	WKL	
MO-HUE	2018/19-2	Wet	11/30/2018 4:55:00 AM	1/7/2019 6:29:00 AM	Hexachloroethane	n/a	<	0.52	µg/L	EPA 625	0.52	1	WKL	
MO-HUE	2018/19-2	Wet	11/30/2018 4:55:00 AM	1/12/2019 3:04:00 AM	Indeno(1,2,3-cd)pyrene	n/a	<	0.1	µg/L	EPA 8270C	0.1	0.1	WKL	
MO-HUE	2018/19-2	Wet	11/30/2018 4:55:00 AM	1/7/2019 6:29:00 AM	Indeno(1,2,3-cd)pyrene	n/a	<	0.12	µg/L	EPA 625	0.12	2	WKL	
MO-HUE	2018/19-2	Wet	11/30/2018 4:55:00 AM	1/7/2019 6:29:00 AM	Isophorone	n/a	<	0.21	µg/L	EPA 625	0.21	1	WKL	
MO-HUE	2018/19-2	Wet	11/30/2018 4:55:00 AM	1/12/2019 3:04:00 AM	Naphthalene	n/a	<	0.1	µg/L	EPA 8270C	0.1	0.1	WKL	
MO-HUE	2018/19-2	Wet	11/30/2018 4:55:00 AM	1/7/2019 6:29:00 AM	Naphthalene	n/a	<	0.49	µg/L	EPA 625	0.49	1	WKL	
MO-HUE	2018/19-2	Wet	11/30/2018 4:55:00 AM	1/7/2019 6:29:00 AM	Nitrobenzene	n/a	<	0.36	µg/L	EPA 625	0.36	1	WKL	
MO-HUE	2018/19-2	Wet	11/30/2018 4:55:00 AM	1/7/2019 6:29:00 AM	N-Nitrosodimethylamine	n/a	<	0.14	µg/L	EPA 625	0.14	1	WKL	
MO-HUE	2018/19-2	Wet	11/30/2018 4:55:00 AM	1/7/2019 6:29:00 AM	N-Nitrosodi-N-propylamine	n/a	<	0.26	µg/L	EPA 625	0.26	1	WKL	
MO-HUE	2018/19-2	Wet	11/30/2018 4:55:00 AM	1/7/2019 6:29:00 AM	N-Nitrosodiphenylamine	n/a	<	0.19	µg/L	EPA 625	0.19	1	WKL	
MO-HUE	2018/19-2	Wet	11/30/2018 4:55:00 AM	1/12/2019 3:04:00 AM	Phenanthrene	n/a	<	0.1	µg/L	EPA 8270C	0.1	0.1	WKL	
MO-HUE	2018/19-2	Wet	11/30/2018 4:55:00 AM	1/7/2019 6:29:00 AM	Phenanthrene	n/a	<	0.32	µg/L	EPA 625	0.32	1	WKL	
MO-HUE	2018/19-2	Wet	11/30/2018 4:55:00 AM	1/7/2019 6:29:00 AM	Phenol	n/a	<	0.16	µg/L	EPA 625	0.16	1	WKL	
MO-HUE	2018/19-2	Wet	11/30/2018 4:55:00 AM	1/11/2019 7:00:00 AM	Phenol	n/a	<	0.35	µg/L	EPA 8270C	0.35	1	WKL	
MO-HUE	2018/19-2	Wet	11/30/2018 4:55:00 AM	1/7/2019 6:29:00 AM	Pyrene	n/a	<	0.25	µg/L	EPA 625	0.25	1	WKL	
MO-HUE	2018/19-2	Wet	11/30/2018 4:55:00 AM	1/12/2019 3:04:00 AM	Pyrene	n/a	<	0.1	µg/L	EPA 8270C	0.1	0.1	WKL	
MO-HUE	2018/19-2	Wet	11/30/2018 4:55:00 AM	1/12/2019 3:31:00 PM	PCB Aroclor 1016	n/a	<	0.25	µg/L	EPA 608	0.25	2.5	WKL	
MO-HUE	2018/19-2	Wet	11/30/2018 4:55:00 AM	1/12/2019 3:31:00 PM	PCB Aroclor 1221	n/a	<	0.3	µg/L	EPA 608	0.3	2.5	WKL	
MO-HUE	2018/19-2	Wet	11/30/2018 4:55:00 AM	1/12/2019 3:31:00 PM	PCB Aroclor 1232	n/a	<	0.75	µg/L	EPA 608	0.75	2.5	WKL	
MO-HUE	2018/19-2	Wet	11/30/2018 4:55:00 AM	1/12/2019 3:31:00 PM	PCB Aroclor 1242	n/a	<	0.35	µg/L	EPA 608	0.35	2.5	WKL	

Appendix G
Laboratory Environmental Analysis Results

Site ID	Event	Event Type	Sample Date	Analysis Date	Constituent	Fraction	Sign	Result	Units	Method	MDL	Reporting Limit	Analyzing Laboratory	Qualifier
MO-HUE	2018/19-2	Wet	11/30/2018 4:55:00 AM	1/12/2019 3:31:00 PM	PCB Aroclor 1248	n/a	<	0.3	µg/L	EPA 608	0.3	2.5	WKL	
MO-HUE	2018/19-2	Wet	11/30/2018 4:55:00 AM	1/12/2019 3:31:00 PM	PCB Aroclor 1254	n/a	<	0.2	µg/L	EPA 608	0.2	2.5	WKL	
MO-HUE	2018/19-2	Wet	11/30/2018 4:55:00 AM	1/12/2019 3:31:00 PM	PCB Aroclor 1260	n/a	<	0.2	µg/L	EPA 608	0.2	2.5	WKL	
MO-HUE	2018/19-2	Wet	11/30/2018 4:55:00 AM	12/28/2018 12:26:00 AM	2,4,5-T	n/a	<	0.07	µg/L	EPA 515.3	0.07	0.2	WKL	EST-HT
MO-HUE	2018/19-2	Wet	11/30/2018 4:55:00 AM	12/28/2018 12:26:00 AM	2,4,5-TP	n/a	<	0.09	µg/L	EPA 515.3	0.09	0.2	WKL	EST-HT
MO-HUE	2018/19-2	Wet	11/30/2018 4:55:00 AM	12/28/2018 12:26:00 AM	2,4-D	n/a	<	0.07	µg/L	EPA 515.3	0.07	0.4	WKL	EST-HT
MO-HUE	2018/19-2	Wet	11/30/2018 4:55:00 AM	12/28/2018 12:26:00 AM	2,4-DB	n/a	<	0.07	µg/L	EPA 515.3	0.07	2	WKL	EST-HT
MO-HUE	2018/19-2	Wet	11/30/2018 4:55:00 AM	12/28/2018 12:26:00 AM	3,5-Dichlorobenzoic acid	n/a	<	0.09	µg/L	EPA 515.3	0.09	1	WKL	EST-HT
MO-HUE	2018/19-2	Wet	11/30/2018 4:55:00 AM	1/12/2019 3:31:00 PM	4,4'-DDD	n/a	<	0.015	µg/L	EPA 608	0.015	0.25	WKL	
MO-HUE	2018/19-2	Wet	11/30/2018 4:55:00 AM	1/12/2019 3:31:00 PM	4,4'-DDE	n/a	<	0.012	µg/L	EPA 608	0.012	0.25	WKL	
MO-HUE	2018/19-2	Wet	11/30/2018 4:55:00 AM	1/12/2019 3:31:00 PM	4,4'-DDT	n/a	<	0.016	µg/L	EPA 608	0.016	0.05	WKL	
MO-HUE	2018/19-2	Wet	11/30/2018 4:55:00 AM	12/28/2018 12:26:00 AM	Acifluorfen	n/a	<	0.06	µg/L	EPA 515.3	0.06	0.4	WKL	EST-HT
MO-HUE	2018/19-2	Wet	11/30/2018 4:55:00 AM	12/19/2018 6:27:00 AM	Alachlor	n/a	<	0.022	µg/L	EPA 525.2	0.022	0.1	WKL	
MO-HUE	2018/19-2	Wet	11/30/2018 4:55:00 AM	1/12/2019 3:31:00 PM	Aldrin	n/a	<	0.0075	µg/L	EPA 608	0.0075	0.025	WKL	
MO-HUE	2018/19-2	Wet	11/30/2018 4:55:00 AM	1/12/2019 3:31:00 PM	alpha-BHC	n/a	<	0.009	µg/L	EPA 608	0.009	0.05	WKL	
MO-HUE	2018/19-2	Wet	11/30/2018 4:55:00 AM	1/12/2019 3:31:00 PM	alpha-Chlordane	n/a	<	0.02	µg/L	EPA 608	0.02	0.05	WKL	
MO-HUE	2018/19-2	Wet	11/30/2018 4:55:00 AM	12/19/2018 6:27:00 AM	Atrazine	n/a	<	0.034	µg/L	EPA 525.2	0.034	0.1	WKL	
MO-HUE	2018/19-2	Wet	11/30/2018 4:55:00 AM	12/20/2018 4:42:00 AM	Azinphos methyl	n/a	<	0.0055	µg/L	EPA 525.2m	0.0055	0.01	WKL	
MO-HUE	2018/19-2	Wet	11/30/2018 4:55:00 AM	12/28/2018 12:26:00 AM	Bentazon	n/a	<	0.11	µg/L	EPA 515.3	0.11	2	WKL	EST-HT
MO-HUE	2018/19-2	Wet	11/30/2018 4:55:00 AM	1/12/2019 3:31:00 PM	beta-BHC	n/a	<	0.016	µg/L	EPA 608	0.016	0.025	WKL	
MO-HUE	2018/19-2	Wet	11/30/2018 4:55:00 AM	12/20/2018 4:42:00 AM	Bolstar	n/a	<	0.0046	µg/L	EPA 525.2m	0.0046	0.01	WKL	
MO-HUE	2018/19-2	Wet	11/30/2018 4:55:00 AM	12/19/2018 6:27:00 AM	Bromacil	n/a	<	0.038	µg/L	EPA 525.2	0.038	1	WKL	
MO-HUE	2018/19-2	Wet	11/30/2018 4:55:00 AM	12/19/2018 6:27:00 AM	Butachlor	n/a	<	0.017	µg/L	EPA 525.2	0.017	0.2	WKL	
MO-HUE	2018/19-2	Wet	11/30/2018 4:55:00 AM	12/19/2018 6:27:00 AM	Captan	n/a	<	0.86	µg/L	EPA 525.2	0.86	1	WKL	LB-LCSR
MO-HUE	2018/19-2	Wet	11/30/2018 4:55:00 AM	1/12/2019 3:31:00 PM	Chlordane (technical)	n/a	<	0.4	µg/L	EPA 608	0.4	0.5	WKL	
MO-HUE	2018/19-2	Wet	11/30/2018 4:55:00 AM	12/19/2018 6:27:00 AM	Chlorpropham	n/a	<	0.01	µg/L	EPA 525.2	0.01	0.1	WKL	
MO-HUE	2018/19-2	Wet	11/30/2018 4:55:00 AM	12/20/2018 4:42:00 AM	Chlorpyrifos	n/a	<	0.0069	µg/L	EPA 525.2m	0.0069	0.01	WKL	
MO-HUE	2018/19-2	Wet	11/30/2018 4:55:00 AM	12/20/2018 4:42:00 AM	Coumaphos	n/a	<	0.0051	µg/L	EPA 525.2m	0.0051	0.01	WKL	
MO-HUE	2018/19-2	Wet	11/30/2018 4:55:00 AM	12/19/2018 6:27:00 AM	Cyanazine	n/a	<	0.024	µg/L	EPA 525.2	0.024	0.1	WKL	
MO-HUE	2018/19-2	Wet	11/30/2018 4:55:00 AM	12/28/2018 12:26:00 AM	Dalapon	n/a	<	0.1	µg/L	EPA 515.3	0.1	0.4	WKL	EST-HT
MO-HUE	2018/19-2	Wet	11/30/2018 4:55:00 AM	12/28/2018 12:26:00 AM	DCPA (Daacthal)	n/a	<	0.07	µg/L	EPA 515.3	0.07	0.1	WKL	EST-HT
MO-HUE	2018/19-2	Wet	11/30/2018 4:55:00 AM	1/12/2019 3:31:00 PM	delta-BHC	n/a	<	0.012	µg/L	EPA 608	0.012	0.025	WKL	
MO-HUE	2018/19-2	Wet	11/30/2018 4:55:00 AM	12/20/2018 4:42:00 AM	Demeton-O	n/a	<	0.01	µg/L	EPA 525.2m	0.01	0.01	WKL	
MO-HUE	2018/19-2	Wet	11/30/2018 4:55:00 AM	12/20/2018 4:42:00 AM	Demeton-S	n/a	<	0.01	µg/L	EPA 525.2m	0.01	0.01	WKL	
MO-HUE	2018/19-2	Wet	11/30/2018 4:55:00 AM	12/20/2018 4:42:00 AM	Diazinon	n/a	<	0.0052	µg/L	EPA 525.2m	0.0052	0.01	WKL	
MO-HUE	2018/19-2	Wet	11/30/2018 4:55:00 AM	12/19/2018 6:27:00 AM	Diazinon	n/a	<	0.096	µg/L	EPA 525.2	0.096	0.1	WKL	
MO-HUE	2018/19-2	Wet	11/30/2018 4:55:00 AM	12/28/2018 12:26:00 AM	Dicamba	n/a	<	0.12	µg/L	EPA 515.3	0.12	0.6	WKL	EST-HT
MO-HUE	2018/19-2	Wet	11/30/2018 4:55:00 AM	12/28/2018 12:26:00 AM	Dichlorprop	n/a	<	0.08	µg/L	EPA 515.3	0.08	0.3	WKL	EST-HT
MO-HUE	2018/19-2	Wet	11/30/2018 4:55:00 AM	12/20/2018 4:42:00 AM	Dichlorvos	n/a	<	0.0029	µg/L	EPA 525.2m	0.0029	0.01	WKL	
MO-HUE	2018/19-2	Wet	11/30/2018 4:55:00 AM	1/12/2019 3:31:00 PM	Dieldrin	n/a	<	0.01	µg/L	EPA 608	0.01	0.05	WKL	
MO-HUE	2018/19-2	Wet	11/30/2018 4:55:00 AM	12/19/2018 6:27:00 AM	Dimethoate	n/a	<	0.024	µg/L	EPA 525.2	0.024	0.2	WKL	
MO-HUE	2018/19-2	Wet	11/30/2018 4:55:00 AM	12/20/2018 4:42:00 AM	Dimethoate	n/a	<	0.0062	µg/L	EPA 525.2m	0.0062	0.01	WKL	
MO-HUE	2018/19-2	Wet	11/30/2018 4:55:00 AM	12/28/2018 12:26:00 AM	Dinoseb	n/a	<	0.14	µg/L	EPA 515.3	0.14	0.4	WKL	EST-HT
MO-HUE	2018/19-2	Wet	11/30/2018 4:55:00 AM	12/19/2018 6:27:00 AM	Diphenamid	n/a	<	0.024	µg/L	EPA 525.2	0.024	0.1	WKL	
MO-HUE	2018/19-2	Wet	11/30/2018 4:55:00 AM	12/20/2018 4:42:00 AM	Disulfoton	n/a	<	0.01	µg/L	EPA 525.2m	0.01	0.01	WKL	
MO-HUE	2018/19-2	Wet	11/30/2018 4:55:00 AM	12/19/2018 6:27:00 AM	Disulfoton	n/a	<	0.031	µg/L	EPA 525.2	0.031	0.1	WKL	
MO-HUE	2018/19-2	Wet	11/30/2018 4:55:00 AM	1/12/2019 3:31:00 PM	Endosulfan I	n/a	<	0.0085	µg/L	EPA 608	0.0085	0.1	WKL	
MO-HUE	2018/19-2	Wet	11/30/2018 4:55:00 AM	1/12/2019 3:31:00 PM	Endosulfan II	n/a	<	0.0095	µg/L	EPA 608	0.0095	0.05	WKL	

Appendix G
Laboratory Environmental Analysis Results

Site ID	Event	Event Type	Sample Date	Analysis Date	Constituent	Fraction	Sign	Result	Units	Method	MDL	Reporting Limit	Analyzing Laboratory	Qualifier
MO-HUE	2018/19-2	Wet	11/30/2018 4:55:00 AM	1/12/2019 3:31:00 PM	Endosulfan sulfate	n/a	<	0.04	µg/L	EPA 608	0.04	0.25	WKL	
MO-HUE	2018/19-2	Wet	11/30/2018 4:55:00 AM	1/12/2019 3:31:00 PM	Endrin	n/a	<	0.014	µg/L	EPA 608	0.014	0.05	WKL	
MO-HUE	2018/19-2	Wet	11/30/2018 4:55:00 AM	1/12/2019 3:31:00 PM	Endrin aldehyde	n/a	<	0.015	µg/L	EPA 608	0.015	0.05	WKL	
MO-HUE	2018/19-2	Wet	11/30/2018 4:55:00 AM	12/19/2018 6:27:00 AM	EPTC	n/a	<	0.017	µg/L	EPA 525.2	0.017	1	WKL	
MO-HUE	2018/19-2	Wet	11/30/2018 4:55:00 AM	12/20/2018 4:42:00 AM	Ethoprop	n/a	<	0.0067	µg/L	EPA 525.2m	0.0067	0.01	WKL	
MO-HUE	2018/19-2	Wet	11/30/2018 4:55:00 AM	12/20/2018 4:42:00 AM	Ethyl parathion	n/a	<	0.0054	µg/L	EPA 525.2m	0.0054	0.01	WKL	
MO-HUE	2018/19-2	Wet	11/30/2018 4:55:00 AM	12/20/2018 4:42:00 AM	Fensulfothion	n/a	<	0.0029	µg/L	EPA 525.2m	0.0029	0.01	WKL	
MO-HUE	2018/19-2	Wet	11/30/2018 4:55:00 AM	12/20/2018 4:42:00 AM	Fenthion	n/a	<	0.0038	µg/L	EPA 525.2m	0.0038	0.01	WKL	
MO-HUE	2018/19-2	Wet	11/30/2018 4:55:00 AM	1/12/2019 3:31:00 PM	gamma-BHC (Lindane)	n/a	<	0.01	µg/L	EPA 608	0.01	0.1	WKL	
MO-HUE	2018/19-2	Wet	11/30/2018 4:55:00 AM	1/12/2019 3:31:00 PM	gamma-Chlordane	n/a	<	0.022	µg/L	EPA 608	0.022	0.05	WKL	
MO-HUE	2018/19-2	Wet	11/30/2018 4:55:00 AM	12/10/2018 10:17:00 PM	Glyphosate	n/a	DNQ	3	µg/L	EPA 547	1.8	5	WKL	
MO-HUE	2018/19-2	Wet	11/30/2018 4:55:00 AM	1/12/2019 3:31:00 PM	Heptachlor	n/a	<	0.0085	µg/L	EPA 608	0.0085	0.05	WKL	
MO-HUE	2018/19-2	Wet	11/30/2018 4:55:00 AM	1/12/2019 3:31:00 PM	Heptachlor epoxide	n/a	<	0.0095	µg/L	EPA 608	0.0095	0.05	WKL	
MO-HUE	2018/19-2	Wet	11/30/2018 4:55:00 AM	12/20/2018 4:42:00 AM	Malathion	n/a	<	0.0076	µg/L	EPA 525.2m	0.0076	0.01	WKL	
MO-HUE	2018/19-2	Wet	11/30/2018 4:55:00 AM	12/20/2018 4:42:00 AM	Merphos	n/a	<	0.0058	µg/L	EPA 525.2m	0.0058	0.01	WKL	
MO-HUE	2018/19-2	Wet	11/30/2018 4:55:00 AM	1/12/2019 3:31:00 PM	Methoxychlor	n/a	<	0.027	µg/L	EPA 608	0.027	0.1	WKL	
MO-HUE	2018/19-2	Wet	11/30/2018 4:55:00 AM	12/20/2018 4:42:00 AM	Methyl parathion	n/a	<	0.0063	µg/L	EPA 525.2m	0.0063	0.01	WKL	
MO-HUE	2018/19-2	Wet	11/30/2018 4:55:00 AM	12/19/2018 6:27:00 AM	Metolachlor	n/a	<	0.012	µg/L	EPA 525.2	0.012	0.1	WKL	
MO-HUE	2018/19-2	Wet	11/30/2018 4:55:00 AM	12/19/2018 6:27:00 AM	Metribuzin	n/a	<	0.2	µg/L	EPA 525.2	0.2	0.2	WKL	
MO-HUE	2018/19-2	Wet	11/30/2018 4:55:00 AM	12/20/2018 4:42:00 AM	Mevinphos	n/a	<	0.0042	µg/L	EPA 525.2m	0.0042	0.01	WKL	
MO-HUE	2018/19-2	Wet	11/30/2018 4:55:00 AM	12/19/2018 6:27:00 AM	Molinat	n/a	<	0.039	µg/L	EPA 525.2	0.039	0.1	WKL	
MO-HUE	2018/19-2	Wet	11/30/2018 4:55:00 AM	12/20/2018 4:42:00 AM	Naled	n/a	<	0.0076	µg/L	EPA 525.2m	0.0076	0.01	WKL	
MO-HUE	2018/19-2	Wet	11/30/2018 4:55:00 AM	1/11/2019 7:00:00 AM	Pentachlorophenol	n/a	<	0.15	µg/L	EPA 8270C	0.15	1	WKL	
MO-HUE	2018/19-2	Wet	11/30/2018 4:55:00 AM	12/28/2018 12:26:00 AM	Pentachlorophenol	n/a	DNQ	0.074	µg/L	EPA 515.3	0.04	0.2	WKL	EST-HT
MO-HUE	2018/19-2	Wet	11/30/2018 4:55:00 AM	1/7/2019 6:29:00 AM	Pentachlorophenol	n/a	<	0.19	µg/L	EPA 625	0.19	1	WKL	
MO-HUE	2018/19-2	Wet	11/30/2018 4:55:00 AM	12/20/2018 4:42:00 AM	Phorate	n/a	<	0.003	µg/L	EPA 525.2m	0.003	0.01	WKL	
MO-HUE	2018/19-2	Wet	11/30/2018 4:55:00 AM	12/28/2018 12:26:00 AM	Picloram	n/a	<	0.05	µg/L	EPA 515.3	0.05	0.6	WKL	EST-HT
MO-HUE	2018/19-2	Wet	11/30/2018 4:55:00 AM	12/19/2018 6:27:00 AM	Prometon	n/a	<	0.024	µg/L	EPA 525.2	0.024	0.2	WKL	
MO-HUE	2018/19-2	Wet	11/30/2018 4:55:00 AM	12/19/2018 6:27:00 AM	Prometryn	n/a	<	0.036	µg/L	EPA 525.2	0.036	0.1	WKL	
MO-HUE	2018/19-2	Wet	11/30/2018 4:55:00 AM	12/20/2018 4:42:00 AM	Ronnel (Fenchlorphos)	n/a	<	0.0041	µg/L	EPA 525.2m	0.0041	0.01	WKL	
MO-HUE	2018/19-2	Wet	11/30/2018 4:55:00 AM	12/19/2018 6:27:00 AM	Simazine	n/a	<	0.015	µg/L	EPA 525.2	0.015	0.1	WKL	
MO-HUE	2018/19-2	Wet	11/30/2018 4:55:00 AM	12/20/2018 4:42:00 AM	Stirophos (Tetrachlorvinphos)	n/a	<	0.0031	µg/L	EPA 525.2m	0.0031	0.01	WKL	
MO-HUE	2018/19-2	Wet	11/30/2018 4:55:00 AM	12/19/2018 6:27:00 AM	Terbacil	n/a	<	0.55	µg/L	EPA 525.2	0.55	2	WKL	
MO-HUE	2018/19-2	Wet	11/30/2018 4:55:00 AM	12/19/2018 6:27:00 AM	Thiobencarb	n/a	<	0.025	µg/L	EPA 525.2	0.025	0.2	WKL	
MO-HUE	2018/19-2	Wet	11/30/2018 4:55:00 AM	12/20/2018 4:42:00 AM	Tokuthion	n/a	<	0.0078	µg/L	EPA 525.2m	0.0078	0.01	WKL	
MO-HUE	2018/19-2	Wet	11/30/2018 4:55:00 AM	1/12/2019 3:31:00 PM	Toxaphene	n/a	<	0.6	µg/L	EPA 608	0.6	2.5	WKL	
MO-HUE	2018/19-2	Wet	11/30/2018 4:55:00 AM	12/20/2018 4:42:00 AM	Trichloronate	n/a	<	0.0067	µg/L	EPA 525.2m	0.0067	0.01	WKL	
MO-HUE	2018/19-2	Wet	11/30/2018 4:55:00 AM	12/19/2018 6:27:00 AM	Trithion	n/a	<	0.012	µg/L	EPA 525.2	0.012	0.1	WKL	
MO-HUE	2018/19-3	Wet	1/5/2019 7:40:00 PM	1/6/2019 5:20:00 PM	E. Coli	n/a	=	9804	MPN/100 mL	MMO-MUG	10	10	VCHCA	
MO-HUE	2018/19-3	Wet	1/5/2019 7:40:00 PM	1/6/2019 5:20:00 PM	Total Coliform	n/a	=	111990	MPN/100 mL	MMO-MUG	100	100	VCHCA	
MO-HUE	2018/19-3	Wet	1/5/2019 7:40:00 PM	1/5/2019 7:40:00 PM	Conductivity	n/a	=	2140	µmhos/cm	Field Meter	-88	1	Field Crew	
MO-HUE	2018/19-3	Wet	1/5/2019 7:40:00 PM	1/17/2019 5:23:00 PM	Cyanide	Total	=	0.041	mg/L	ASTM D7511	0.0019	0.008	WKL	
MO-HUE	2018/19-3	Wet	1/5/2019 7:40:00 PM	1/5/2019 7:40:00 PM	DO	n/a	=	65.8	%	Field Meter	-88	0.1	Field Crew	
MO-HUE	2018/19-3	Wet	1/5/2019 7:40:00 PM	1/5/2019 7:40:00 PM	DO	n/a	=	6.97	mg/L	Field Meter	-88	0.3	Field Crew	
MO-HUE	2018/19-3	Wet	1/5/2019 7:40:00 PM	1/5/2019 7:40:00 PM	pH	n/a	*	6.84	pH Units	Field Meter	-88	0.01	Field Crew	EST
MO-HUE	2018/19-3	Wet	1/5/2019 7:40:00 PM	1/5/2019 7:40:00 PM	Salinity	n/a	=	1500	mg/L	Field Meter	-88	100	Field Crew	
MO-HUE	2018/19-3	Wet	1/5/2019 7:40:00 PM	1/5/2019 7:40:00 PM	Specific Conductance	n/a	=	2827	µmhos/cm	Field Meter	-88	1	Field Crew	
MO-HUE	2018/19-3	Wet	1/5/2019 7:40:00 PM	1/5/2019 7:40:00 PM	Temperature	n/a	=	12.1	°C	Field Meter	-88	0.1	Field Crew	

Appendix G
Laboratory Environmental Analysis Results

Site ID	Event	Event Type	Sample Date	Analysis Date	Constituent	Fraction	Sign	Result	Units	Method	MDL	Reporting Limit	Analyzing Laboratory	Qualifier
MO-HUE	2018/19-3	Wet	1/5/2019 7:40:00 PM	1/12/2019 1:53:00 PM	Gasoline Range Organics	n/a	DNQ	0.06	mg/L	LUFT GC/MS	0.012	0.1	WKL	
MO-HUE	2018/19-3	Wet	1/5/2019 7:40:00 PM	1/11/2019 3:00:00 PM	Oil and Grease	n/a	<	1.3	mg/L	EPA 1664A	1.3	5	WKL	
MO-HUE	2018/19-3	Wet	1/5/2019 7:40:00 PM	1/8/2019 9:48:00 PM	2-Chloroethyl vinyl ether	n/a	<	0.28	µg/L	EPA 624	0.28	1	WKL	
MO-HUE	2018/19-3	Wet	1/5/2019 7:40:00 PM	1/8/2019 9:48:00 PM	Methyl tert-butyl ether (MTBE)	n/a	<	0.25	µg/L	EPA 624	0.25	1	WKL	
MO-HUE	2018/19-3	Wet	1/6/2019 10:25:00 AM	1/15/2019 10:00:00 PM	Chloride	n/a	=	1300	mg/L	EPA 300.0	1	5	WKL	
MO-HUE	2018/19-3	Wet	1/6/2019 10:25:00 AM	1/15/2019 10:00:00 PM	Fluoride	n/a	DNQ	0.28	mg/L	EPA 300.0	0.2	1	WKL	
MO-HUE	2018/19-3	Wet	1/6/2019 10:25:00 AM	1/9/2019 10:05:00 AM	Perchlorate	n/a	<	9.5	µg/L	EPA 314.0	9.5	20	WKL	
MO-HUE	2018/19-3	Wet	1/6/2019 10:25:00 AM	1/15/2019 10:00:00 PM	Sulfate	Total	=	390	mg/L	EPA 300.0	1	5	WKL	
MO-HUE	2018/19-3	Wet	1/6/2019 10:25:00 AM	1/30/2019 8:20:00 PM	Calcium	Total	=	118	mg/L	EPA 200.7	0.016	0.1	WKL	
MO-HUE	2018/19-3	Wet	1/6/2019 10:25:00 AM	1/30/2019 8:20:00 PM	Magnesium	Total	=	107	mg/L	EPA 200.7	0.012	0.1	WKL	
MO-HUE	2018/19-3	Wet	1/6/2019 10:25:00 AM	1/30/2019 8:20:00 PM	Potassium	Total	=	40	mg/L	EPA 200.7	0.081	0.1	WKL	
MO-HUE	2018/19-3	Wet	1/6/2019 10:25:00 AM	1/30/2019 8:20:00 PM	Sodium	Total	=	650	mg/L	EPA 200.7	0.015	0.5	WKL	
MO-HUE	2018/19-3	Wet	1/6/2019 10:25:00 AM	1/11/2019 3:58:00 PM	Alkalinity as CaCO3	n/a	=	150	mg/L	SM 2320 B	0.56	2	WKL	
MO-HUE	2018/19-3	Wet	1/6/2019 10:25:00 AM	1/12/2019 1:57:00 PM	BOD	n/a	=	11	mg/L	SM 5210 B	2	2	WKL	
MO-HUE	2018/19-3	Wet	1/6/2019 10:25:00 AM	1/17/2019 11:30:00 AM	COD	n/a	=	77	mg/L	EPA 410.4	0.73	5	WKL	
MO-HUE	2018/19-3	Wet	1/6/2019 10:25:00 AM	1/31/2019 4:14:00 AM	Dissolved Inorganic Carbon	Dissolved	=	33	mg/L	SM 5310 B	0.65	1	TestAmerica	
MO-HUE	2018/19-3	Wet	1/6/2019 10:25:00 AM	1/31/2019 3:42:04 PM	Dissolved Organic Carbon	Dissolved	=	6	mg/L	SM 5310 B	0.65	1	TestAmerica	
MO-HUE	2018/19-3	Wet	1/6/2019 10:25:00 AM	1/30/2019 8:20:00 PM	Hardness as CaCO3	Total	=	735	mg/L	EPA 200.7	0.0894	0.662	WKL	
MO-HUE	2018/19-3	Wet	1/6/2019 10:25:00 AM	1/7/2019 2:48:00 PM	MBAS	n/a	=	0.12	mg/L	SM 5540 C	0.019	0.05	WKL	
MO-HUE	2018/19-3	Wet	1/6/2019 10:25:00 AM	2/2/2019 11:39:00 AM	Phenolics	n/a	<	0.0042	mg/L	EPA 420.4	0.0042	0.01	WKL	
MO-HUE	2018/19-3	Wet	1/6/2019 10:25:00 AM	1/17/2019 6:07:00 PM	Specific Conductance	n/a	=	5900	µmhos/cm	SM 2510 B	0.23	2	WKL	
MO-HUE	2018/19-3	Wet	1/6/2019 10:25:00 AM	1/7/2019 6:56:00 PM	Total Chlorine Residual	n/a	DNQ	0.022	mg/L	SM 4500-Cl G	0.0015	0.05	WKL	EST-HT, UL-MB
MO-HUE	2018/19-3	Wet	1/6/2019 10:25:00 AM	1/10/2019 2:32:00 PM	Total Dissolved Solids	n/a	=	2900	mg/L	SM 2540 C	4	10	WKL	
MO-HUE	2018/19-3	Wet	1/6/2019 10:25:00 AM	1/31/2019 5:10:00 PM	Total Organic Carbon	n/a	=	8.3	mg/L	SM 5310 B	0.21	0.3	MCA	
MO-HUE	2018/19-3	Wet	1/6/2019 10:25:00 AM	1/9/2019 1:40:00 PM	Total Suspended Solids	n/a	=	150	mg/L	SM 2540 D	-88	5	WKL	
MO-HUE	2018/19-3	Wet	1/6/2019 10:25:00 AM	1/7/2019 11:44:00 AM	Turbidity	n/a	=	69	NTU	EPA 180.1	0.048	0.2	WKL	
MO-HUE	2018/19-3	Wet	1/6/2019 10:25:00 AM	1/9/2019 1:40:00 PM	Volatile Suspended Solids	n/a	=	43	mg/L	EPA 160.4	3.1	5	WKL	
MO-HUE	2018/19-3	Wet	1/6/2019 10:25:00 AM	1/23/2019 5:43:00 AM	Diesel Range Organics	n/a	DNQ	0.37	mg/L	EPA 8015D	0.12	0.5	WKL	UL-MB
MO-HUE	2018/19-3	Wet	1/6/2019 10:25:00 AM	1/23/2019 5:43:00 AM	Oil Range Organics	n/a	<	1.6	mg/L	EPA 8015D	1.6	2.5	WKL	
MO-HUE	2018/19-3	Wet	1/6/2019 10:25:00 AM	1/16/2019 6:11:00 PM	Aluminum	Dissolved	DNQ	4.8	µg/L	EPA 200.8	1.3	5	WKL	
MO-HUE	2018/19-3	Wet	1/6/2019 10:25:00 AM	1/16/2019 6:15:00 PM	Aluminum	Total	=	1700	µg/L	EPA 200.8	1.3	5	WKL	
MO-HUE	2018/19-3	Wet	1/6/2019 10:25:00 AM	1/17/2019 1:48:00 PM	Antimony	Dissolved	=	0.65	µg/L	EPA 200.8	0.045	0.5	WKL	
MO-HUE	2018/19-3	Wet	1/6/2019 10:25:00 AM	1/17/2019 1:50:00 PM	Antimony	Total	=	0.85	µg/L	EPA 200.8	0.045	0.5	WKL	
MO-HUE	2018/19-3	Wet	1/6/2019 10:25:00 AM	1/16/2019 6:11:00 PM	Arsenic	Dissolved	=	0.5	µg/L	EPA 200.8	0.074	0.4	WKL	
MO-HUE	2018/19-3	Wet	1/6/2019 10:25:00 AM	1/16/2019 6:15:00 PM	Arsenic	Total	=	2.1	µg/L	EPA 200.8	0.074	0.4	WKL	
MO-HUE	2018/19-3	Wet	1/6/2019 10:25:00 AM	1/16/2019 6:15:00 PM	Barium	Total	=	49	µg/L	EPA 200.8	0.071	0.5	WKL	
MO-HUE	2018/19-3	Wet	1/6/2019 10:25:00 AM	1/16/2019 6:11:00 PM	Beryllium	Dissolved	<	0.033	µg/L	EPA 200.8	0.033	0.1	WKL	
MO-HUE	2018/19-3	Wet	1/6/2019 10:25:00 AM	1/16/2019 6:15:00 PM	Beryllium	Total	DNQ	0.095	µg/L	EPA 200.8	0.033	0.1	WKL	
MO-HUE	2018/19-3	Wet	1/6/2019 10:25:00 AM	1/16/2019 6:11:00 PM	Cadmium	Dissolved	<	0.041	µg/L	EPA 200.8	0.041	0.1	WKL	
MO-HUE	2018/19-3	Wet	1/6/2019 10:25:00 AM	1/16/2019 6:15:00 PM	Cadmium	Total	=	0.21	µg/L	EPA 200.8	0.041	0.1	WKL	
MO-HUE	2018/19-3	Wet	1/6/2019 10:25:00 AM	1/16/2019 6:11:00 PM	Chromium	Dissolved	DNQ	0.059	µg/L	EPA 200.8	0.035	0.2	WKL	
MO-HUE	2018/19-3	Wet	1/6/2019 10:25:00 AM	1/16/2019 6:15:00 PM	Chromium	Total	=	4	µg/L	EPA 200.8	0.035	0.2	WKL	
MO-HUE	2018/19-3	Wet	1/6/2019 10:25:00 AM	1/18/2019 4:14:00 PM	Chromium VI	n/a	<	0.0048	µg/L	EPA 218.6	0.0048	0.02	WKL	
MO-HUE	2018/19-3	Wet	1/6/2019 10:25:00 AM	1/16/2019 6:11:00 PM	Copper	Dissolved	=	0.77	µg/L	EPA 200.8	0.13	0.5	WKL	
MO-HUE	2018/19-3	Wet	1/6/2019 10:25:00 AM	1/16/2019 6:15:00 PM	Copper	Total	=	14	µg/L	EPA 200.8	0.13	0.5	WKL	
MO-HUE	2018/19-3	Wet	1/6/2019 10:25:00 AM	1/30/2019 8:17:00 PM	Iron	Dissolved	=	64	µg/L	EPA 200.7	1.1	10	WKL	
MO-HUE	2018/19-3	Wet	1/6/2019 10:25:00 AM	1/30/2019 8:20:00 PM	Iron	Total	=	6400	µg/L	EPA 200.7	1.1	10	WKL	
MO-HUE	2018/19-3	Wet	1/6/2019 10:25:00 AM	1/16/2019 6:11:00 PM	Lead	Dissolved	DNQ	0.062	µg/L	EPA 200.8	0.031	0.2	WKL	

Appendix G
Laboratory Environmental Analysis Results

Site ID	Event	Event Type	Sample Date	Analysis Date	Constituent	Fraction	Sign	Result	Units	Method	MDL	Reporting Limit	Analyzing Laboratory	Qualifier
MO-HUE	2018/19-3	Wet	1/6/2019 10:25:00 AM	1/16/2019 6:15:00 PM	Lead	Total	=	5	µg/L	EPA 200.8	0.031	0.2	WKL	
MO-HUE	2018/19-3	Wet	1/6/2019 10:25:00 AM	1/11/2019 4:50:00 PM	Mercury	Dissolved	<	17	ng/L	EPA 245.1	17	50	WKL	
MO-HUE	2018/19-3	Wet	1/6/2019 10:25:00 AM	1/11/2019 4:51:00 PM	Mercury	Total	DNQ	28	ng/L	EPA 245.1	17	50	WKL	
MO-HUE	2018/19-3	Wet	1/6/2019 10:25:00 AM	1/16/2019 6:11:00 PM	Nickel	Dissolved	=	1.4	µg/L	EPA 200.8	0.045	0.8	WKL	
MO-HUE	2018/19-3	Wet	1/6/2019 10:25:00 AM	1/16/2019 6:15:00 PM	Nickel	Total	=	4.4	µg/L	EPA 200.8	0.045	0.8	WKL	
MO-HUE	2018/19-3	Wet	1/6/2019 10:25:00 AM	1/16/2019 6:11:00 PM	Selenium	Dissolved	DNQ	0.2	µg/L	EPA 200.8	0.14	0.4	WKL	
MO-HUE	2018/19-3	Wet	1/6/2019 10:25:00 AM	1/16/2019 6:15:00 PM	Selenium	Total	DNQ	0.33	µg/L	EPA 200.8	0.14	0.4	WKL	
MO-HUE	2018/19-3	Wet	1/6/2019 10:25:00 AM	1/16/2019 6:11:00 PM	Silver	Dissolved	DNQ	0.071	µg/L	EPA 200.8	0.062	0.2	WKL	
MO-HUE	2018/19-3	Wet	1/6/2019 10:25:00 AM	1/16/2019 6:15:00 PM	Silver	Total	DNQ	0.096	µg/L	EPA 200.8	0.062	0.2	WKL	
MO-HUE	2018/19-3	Wet	1/6/2019 10:25:00 AM	1/16/2019 6:11:00 PM	Thallium	Dissolved	<	0.014	µg/L	EPA 200.8	0.014	0.2	WKL	
MO-HUE	2018/19-3	Wet	1/6/2019 10:25:00 AM	1/16/2019 6:15:00 PM	Thallium	Total	DNQ	0.028	µg/L	EPA 200.8	0.014	0.2	WKL	
MO-HUE	2018/19-3	Wet	1/6/2019 10:25:00 AM	1/16/2019 6:11:00 PM	Zinc	Dissolved	=	6.6	µg/L	EPA 200.8	0.94	5	WKL	
MO-HUE	2018/19-3	Wet	1/6/2019 10:25:00 AM	1/16/2019 6:15:00 PM	Zinc	Total	=	64	µg/L	EPA 200.8	0.94	5	WKL	
MO-HUE	2018/19-3	Wet	1/6/2019 10:25:00 AM	1/15/2019 6:47:00 PM	Ammonia as N	n/a	=	0.76	mg/L	EPA 350.1	0.048	0.1	WKL	
MO-HUE	2018/19-3	Wet	1/6/2019 10:25:00 AM	1/12/2019 10:17:00 AM	Nitrate + Nitrite as N	n/a	=	0.34	mg/L	EPA 353.2	0.083	0.2	WKL	
MO-HUE	2018/19-3	Wet	1/6/2019 10:25:00 AM	1/31/2019 7:54:00 PM	Phosphorus as P	Dissolved	DNQ	0.015	mg/L	EPA 200.7	0.012	0.02	WKL	
MO-HUE	2018/19-3	Wet	1/6/2019 10:25:00 AM	1/31/2019 8:35:00 PM	Phosphorus as P	Total	=	0.54	mg/L	EPA 200.7	0.012	0.02	WKL	
MO-HUE	2018/19-3	Wet	1/6/2019 10:25:00 AM	1/12/2019 1:50:00 PM	TKN	n/a	=	1.5	mg/L	EPA 351.2	0.05	0.1	WKL	
MO-HUE	2018/19-3	Wet	1/6/2019 10:25:00 AM	1/30/2019 7:38:00 AM	1,2,4-Trichlorobenzene	n/a	<	2.8	µg/L	EPA 625	2.8	5	WKL	
MO-HUE	2018/19-3	Wet	1/6/2019 10:25:00 AM	1/30/2019 7:38:00 AM	1,2-Dichlorobenzene	n/a	<	2.8	µg/L	EPA 625	2.8	5	WKL	
MO-HUE	2018/19-3	Wet	1/6/2019 10:25:00 AM	1/30/2019 7:38:00 AM	1,2-Diphenylhydrazine	n/a	<	1.2	µg/L	EPA 625	1.2	5	WKL	
MO-HUE	2018/19-3	Wet	1/6/2019 10:25:00 AM	1/30/2019 7:38:00 AM	1,3-Dichlorobenzene	n/a	<	2.6	µg/L	EPA 625	2.6	5	WKL	
MO-HUE	2018/19-3	Wet	1/6/2019 10:25:00 AM	1/30/2019 7:38:00 AM	1,4-Dichlorobenzene	n/a	<	2.8	µg/L	EPA 625	2.8	5	WKL	
MO-HUE	2018/19-3	Wet	1/6/2019 10:25:00 AM	2/2/2019 3:53:00 AM	1-Methylnaphthalene	n/a	<	0.2	µg/L	EPA 8270C	0.2	0.2	WKL	
MO-HUE	2018/19-3	Wet	1/6/2019 10:25:00 AM	2/6/2019 3:13:00 AM	2,4,5-Trichlorophenol	n/a	<	0.58	µg/L	EPA 8270C	0.58	2	WKL	
MO-HUE	2018/19-3	Wet	1/6/2019 10:25:00 AM	1/30/2019 7:38:00 AM	2,4,6-Trichlorophenol	n/a	<	1.1	µg/L	EPA 625	1.1	5	WKL	
MO-HUE	2018/19-3	Wet	1/6/2019 10:25:00 AM	2/6/2019 3:13:00 AM	2,4,6-Trichlorophenol	n/a	<	0.6	µg/L	EPA 8270C	0.6	2	WKL	
MO-HUE	2018/19-3	Wet	1/6/2019 10:25:00 AM	1/30/2019 7:38:00 AM	2,4-Dichlorophenol	n/a	<	1.3	µg/L	EPA 625	1.3	5	WKL	
MO-HUE	2018/19-3	Wet	1/6/2019 10:25:00 AM	2/6/2019 3:13:00 AM	2,4-Dichlorophenol	n/a	<	1	µg/L	EPA 8270C	1	2	WKL	
MO-HUE	2018/19-3	Wet	1/6/2019 10:25:00 AM	1/30/2019 7:38:00 AM	2,4-Dimethylphenol	n/a	<	1.5	µg/L	EPA 625	1.5	5	WKL	
MO-HUE	2018/19-3	Wet	1/6/2019 10:25:00 AM	2/6/2019 3:13:00 AM	2,4-Dimethylphenol	n/a	<	2	µg/L	EPA 8270C	2	4	WKL	
MO-HUE	2018/19-3	Wet	1/6/2019 10:25:00 AM	2/6/2019 3:13:00 AM	2,4-Dinitrophenol	n/a	<	2	µg/L	EPA 8270C	2	4	WKL	
MO-HUE	2018/19-3	Wet	1/6/2019 10:25:00 AM	1/30/2019 7:38:00 AM	2,4-Dinitrophenol	n/a	<	7.9	µg/L	EPA 625	7.9	50	WKL	
MO-HUE	2018/19-3	Wet	1/6/2019 10:25:00 AM	1/30/2019 7:38:00 AM	2,4-Dinitrotoluene	n/a	<	0.9	µg/L	EPA 625	0.9	5	WKL	
MO-HUE	2018/19-3	Wet	1/6/2019 10:25:00 AM	1/30/2019 7:38:00 AM	2,6-Dinitrotoluene	n/a	<	1.4	µg/L	EPA 625	1.4	5	WKL	
MO-HUE	2018/19-3	Wet	1/6/2019 10:25:00 AM	1/30/2019 7:38:00 AM	2-Chloronaphthalene	n/a	<	2.2	µg/L	EPA 625	2.2	5	WKL	
MO-HUE	2018/19-3	Wet	1/6/2019 10:25:00 AM	1/30/2019 7:38:00 AM	2-Chlorophenol	n/a	<	1.4	µg/L	EPA 625	1.4	5	WKL	
MO-HUE	2018/19-3	Wet	1/6/2019 10:25:00 AM	2/6/2019 3:13:00 AM	2-Chlorophenol	n/a	<	1.3	µg/L	EPA 8270C	1.3	2	WKL	
MO-HUE	2018/19-3	Wet	1/6/2019 10:25:00 AM	2/2/2019 3:53:00 AM	2-Methylnaphthalene	n/a	<	0.2	µg/L	EPA 8270C	0.2	0.2	WKL	
MO-HUE	2018/19-3	Wet	1/6/2019 10:25:00 AM	2/6/2019 3:13:00 AM	2-Methylphenol	n/a	<	0.68	µg/L	EPA 8270C	0.68	2	WKL	
MO-HUE	2018/19-3	Wet	1/6/2019 10:25:00 AM	2/6/2019 3:13:00 AM	2-Nitrophenol	n/a	<	1.4	µg/L	EPA 8270C	1.4	2	WKL	
MO-HUE	2018/19-3	Wet	1/6/2019 10:25:00 AM	1/30/2019 7:38:00 AM	2-Nitrophenol	n/a	<	1.3	µg/L	EPA 625	1.3	5	WKL	
MO-HUE	2018/19-3	Wet	1/6/2019 10:25:00 AM	1/30/2019 7:38:00 AM	3,3'-Dichlorobenzidine	n/a	<	6	µg/L	EPA 625	6	25	WKL	
MO-HUE	2018/19-3	Wet	1/6/2019 10:25:00 AM	2/6/2019 3:13:00 AM	3-/4-Methylphenol	n/a	<	0.6	µg/L	EPA 8270C	0.6	2	WKL	
MO-HUE	2018/19-3	Wet	1/6/2019 10:25:00 AM	2/6/2019 3:13:00 AM	4,6-Dinitro-2-methylphenol	n/a	<	0.28	µg/L	EPA 8270C	0.28	2	WKL	
MO-HUE	2018/19-3	Wet	1/6/2019 10:25:00 AM	1/30/2019 7:38:00 AM	4,6-Dinitro-2-methylphenol	n/a	<	8.6	µg/L	EPA 625	8.6	25	WKL	
MO-HUE	2018/19-3	Wet	1/6/2019 10:25:00 AM	1/30/2019 7:38:00 AM	4-Bromophenyl phenyl ether	n/a	<	1.8	µg/L	EPA 625	1.8	5	WKL	
MO-HUE	2018/19-3	Wet	1/6/2019 10:25:00 AM	1/30/2019 7:38:00 AM	4-Chloro-3-methylphenol	n/a	<	1.2	µg/L	EPA 625	1.2	5	WKL	

Appendix G
Laboratory Environmental Analysis Results

Site ID	Event	Event Type	Sample Date	Analysis Date	Constituent	Fraction	Sign	Result	Units	Method	MDL	Reporting Limit	Analyzing Laboratory	Qualifier
MO-HUE	2018/19-3	Wet	1/6/2019 10:25:00 AM	2/6/2019 3:13:00 AM	4-Chloro-3-methylphenol	n/a	<	0.74	µg/L	EPA 8270C	0.74	2	WKL	
MO-HUE	2018/19-3	Wet	1/6/2019 10:25:00 AM	1/30/2019 7:38:00 AM	4-Chlorophenyl phenyl ether	n/a	<	2	µg/L	EPA 625	2	5	WKL	
MO-HUE	2018/19-3	Wet	1/6/2019 10:25:00 AM	2/6/2019 3:13:00 AM	4-Nitrophenol	n/a	<	2	µg/L	EPA 8270C	2	4	WKL	
MO-HUE	2018/19-3	Wet	1/6/2019 10:25:00 AM	1/30/2019 7:38:00 AM	4-Nitrophenol	n/a	<	2.2	µg/L	EPA 625	2.2	25	WKL	
MO-HUE	2018/19-3	Wet	1/6/2019 10:25:00 AM	1/30/2019 7:38:00 AM	Acenaphthene	n/a	<	1.9	µg/L	EPA 625	1.9	5	WKL	
MO-HUE	2018/19-3	Wet	1/6/2019 10:25:00 AM	2/2/2019 3:53:00 AM	Acenaphthene	n/a	<	0.2	µg/L	EPA 8270C	0.2	0.2	WKL	
MO-HUE	2018/19-3	Wet	1/6/2019 10:25:00 AM	1/30/2019 7:38:00 AM	Acenaphthylene	n/a	<	2	µg/L	EPA 625	2	5	WKL	
MO-HUE	2018/19-3	Wet	1/6/2019 10:25:00 AM	2/2/2019 3:53:00 AM	Acenaphthylene	n/a	<	0.2	µg/L	EPA 8270C	0.2	0.2	WKL	
MO-HUE	2018/19-3	Wet	1/6/2019 10:25:00 AM	1/30/2019 7:38:00 AM	Anthracene	n/a	<	1.7	µg/L	EPA 625	1.7	5	WKL	
MO-HUE	2018/19-3	Wet	1/6/2019 10:25:00 AM	2/2/2019 3:53:00 AM	Anthracene	n/a	<	0.2	µg/L	EPA 8270C	0.2	0.2	WKL	
MO-HUE	2018/19-3	Wet	1/6/2019 10:25:00 AM	2/2/2019 3:53:00 AM	Benz(a)anthracene	n/a	<	0.2	µg/L	EPA 8270C	0.2	0.2	WKL	
MO-HUE	2018/19-3	Wet	1/6/2019 10:25:00 AM	1/30/2019 7:38:00 AM	Benz(a)anthracene	n/a	<	0.95	µg/L	EPA 625	0.95	5	WKL	
MO-HUE	2018/19-3	Wet	1/6/2019 10:25:00 AM	1/30/2019 7:38:00 AM	Benzo(a)pyrene	n/a	<	18	µg/L	EPA 625	18	50	WKL	
MO-HUE	2018/19-3	Wet	1/6/2019 10:25:00 AM	2/2/2019 3:53:00 AM	Benzo(a)pyrene	n/a	<	0.2	µg/L	EPA 8270C	0.2	0.2	WKL	
MO-HUE	2018/19-3	Wet	1/6/2019 10:25:00 AM	1/30/2019 7:38:00 AM	Benzo(a)pyrene	n/a	<	0.65	µg/L	EPA 625	0.65	5	WKL	
MO-HUE	2018/19-3	Wet	1/6/2019 10:25:00 AM	2/1/2019 4:01:00 PM	Benzo(a)pyrene	n/a	<	0.35	µg/L	EPA 525.2	0.35	0.5	WKL	
MO-HUE	2018/19-3	Wet	1/6/2019 10:25:00 AM	2/2/2019 3:53:00 AM	Benzo(b)fluoranthene	n/a	<	0.2	µg/L	EPA 8270C	0.2	0.2	WKL	
MO-HUE	2018/19-3	Wet	1/6/2019 10:25:00 AM	1/30/2019 7:38:00 AM	Benzo(b)fluoranthene	n/a	<	0.7	µg/L	EPA 625	0.7	5	WKL	
MO-HUE	2018/19-3	Wet	1/6/2019 10:25:00 AM	2/2/2019 3:53:00 AM	Benzo(g,h,i)perylene	n/a	<	0.2	µg/L	EPA 8270C	0.2	0.2	WKL	
MO-HUE	2018/19-3	Wet	1/6/2019 10:25:00 AM	1/30/2019 7:38:00 AM	Benzo(g,h,i)perylene	n/a	<	0.5	µg/L	EPA 625	0.5	10	WKL	
MO-HUE	2018/19-3	Wet	1/6/2019 10:25:00 AM	2/2/2019 3:53:00 AM	Benzo(k)fluoranthene	n/a	<	0.2	µg/L	EPA 8270C	0.2	0.2	WKL	
MO-HUE	2018/19-3	Wet	1/6/2019 10:25:00 AM	1/30/2019 7:38:00 AM	Benzo(k)fluoranthene	n/a	<	1.1	µg/L	EPA 625	1.1	5	WKL	
MO-HUE	2018/19-3	Wet	1/6/2019 10:25:00 AM	1/30/2019 7:38:00 AM	Bis(2-chloroethoxy)methane	n/a	<	1.2	µg/L	EPA 625	1.2	5	WKL	
MO-HUE	2018/19-3	Wet	1/6/2019 10:25:00 AM	1/30/2019 7:38:00 AM	Bis(2-chloroethyl)ether	n/a	<	1.4	µg/L	EPA 625	1.4	5	WKL	
MO-HUE	2018/19-3	Wet	1/6/2019 10:25:00 AM	1/30/2019 7:38:00 AM	Bis(2-chloroisopropyl)ether	n/a	<	1.9	µg/L	EPA 625	1.9	5	WKL	
MO-HUE	2018/19-3	Wet	1/6/2019 10:25:00 AM	2/1/2019 4:01:00 PM	Bis(2-ethylhexyl)adipate	n/a	<	0.52	µg/L	EPA 525.2	0.52	25	WKL	
MO-HUE	2018/19-3	Wet	1/6/2019 10:25:00 AM	1/30/2019 7:38:00 AM	Bis(2-ethylhexyl)phthalate	n/a	<	12	µg/L	EPA 625	12	25	WKL	
MO-HUE	2018/19-3	Wet	1/6/2019 10:25:00 AM	2/1/2019 4:01:00 PM	Bis(2-ethylhexyl)phthalate	n/a	<	5.3	µg/L	EPA 525.2	5.3	15	WKL	
MO-HUE	2018/19-3	Wet	1/6/2019 10:25:00 AM	1/30/2019 7:38:00 AM	Butyl benzyl phthalate	n/a	<	0.9	µg/L	EPA 625	0.9	5	WKL	
MO-HUE	2018/19-3	Wet	1/6/2019 10:25:00 AM	1/30/2019 7:38:00 AM	Chrysene	n/a	<	0.95	µg/L	EPA 625	0.95	5	WKL	
MO-HUE	2018/19-3	Wet	1/6/2019 10:25:00 AM	2/2/2019 3:53:00 AM	Chrysene	n/a	<	0.2	µg/L	EPA 8270C	0.2	0.2	WKL	
MO-HUE	2018/19-3	Wet	1/6/2019 10:25:00 AM	1/30/2019 7:38:00 AM	Dibenz(a,h)anthracene	n/a	<	0.4	µg/L	EPA 625	0.4	10	WKL	
MO-HUE	2018/19-3	Wet	1/6/2019 10:25:00 AM	2/2/2019 3:53:00 AM	Dibenz(a,h)anthracene	n/a	<	0.2	µg/L	EPA 8270C	0.2	0.2	WKL	
MO-HUE	2018/19-3	Wet	1/6/2019 10:25:00 AM	1/30/2019 7:38:00 AM	Diethyl phthalate	n/a	<	0.75	µg/L	EPA 625	0.75	5	WKL	
MO-HUE	2018/19-3	Wet	1/6/2019 10:25:00 AM	1/30/2019 7:38:00 AM	Dimethyl phthalate	n/a	DNQ	1.6	µg/L	EPA 625	0.9	5	WKL	
MO-HUE	2018/19-3	Wet	1/6/2019 10:25:00 AM	1/30/2019 7:38:00 AM	Di-n-butylphthalate	n/a	<	1.2	µg/L	EPA 625	1.2	5	WKL	
MO-HUE	2018/19-3	Wet	1/6/2019 10:25:00 AM	1/30/2019 7:38:00 AM	Di-n-octylphthalate	n/a	<	0.95	µg/L	EPA 625	0.95	5	WKL	
MO-HUE	2018/19-3	Wet	1/6/2019 10:25:00 AM	1/30/2019 7:38:00 AM	Fluoranthene	n/a	<	1.1	µg/L	EPA 625	1.1	5	WKL	
MO-HUE	2018/19-3	Wet	1/6/2019 10:25:00 AM	2/2/2019 3:53:00 AM	Fluoranthene	n/a	<	0.2	µg/L	EPA 8270C	0.2	0.2	WKL	
MO-HUE	2018/19-3	Wet	1/6/2019 10:25:00 AM	1/30/2019 7:38:00 AM	Fluorene	n/a	<	1.8	µg/L	EPA 625	1.8	5	WKL	
MO-HUE	2018/19-3	Wet	1/6/2019 10:25:00 AM	2/2/2019 3:53:00 AM	Fluorene	n/a	<	0.2	µg/L	EPA 8270C	0.2	0.2	WKL	
MO-HUE	2018/19-3	Wet	1/6/2019 10:25:00 AM	1/30/2019 7:38:00 AM	Hexachlorobenzene	n/a	<	2.4	µg/L	EPA 625	2.4	5	WKL	
MO-HUE	2018/19-3	Wet	1/6/2019 10:25:00 AM	1/30/2019 7:38:00 AM	Hexachlorobutadiene	n/a	<	2.4	µg/L	EPA 625	2.4	5	WKL	
MO-HUE	2018/19-3	Wet	1/6/2019 10:25:00 AM	1/30/2019 7:38:00 AM	Hexachlorocyclopentadiene	n/a	<	7.3	µg/L	EPA 625	7.3	25	WKL	
MO-HUE	2018/19-3	Wet	1/6/2019 10:25:00 AM	1/30/2019 7:38:00 AM	Hexachloroethane	n/a	<	2.6	µg/L	EPA 625	2.6	5	WKL	
MO-HUE	2018/19-3	Wet	1/6/2019 10:25:00 AM	2/2/2019 3:53:00 AM	Indeno(1,2,3-cd)pyrene	n/a	<	0.2	µg/L	EPA 8270C	0.2	0.2	WKL	
MO-HUE	2018/19-3	Wet	1/6/2019 10:25:00 AM	1/30/2019 7:38:00 AM	Indeno(1,2,3-cd)pyrene	n/a	<	0.6	µg/L	EPA 625	0.6	10	WKL	
MO-HUE	2018/19-3	Wet	1/6/2019 10:25:00 AM	1/30/2019 7:38:00 AM	Isophorone	n/a	<	1	µg/L	EPA 625	1	5	WKL	

Appendix G
Laboratory Environmental Analysis Results

Site ID	Event	Event Type	Sample Date	Analysis Date	Constituent	Fraction	Sign	Result	Units	Method	MDL	Reporting Limit	Analyzing Laboratory	Qualifier
MO-HUE	2018/19-3	Wet	1/6/2019 10:25:00 AM	2/2/2019 3:53:00 AM	Naphthalene	n/a	<	0.2	µg/L	EPA 8270C	0.2	0.2	WKL	
MO-HUE	2018/19-3	Wet	1/6/2019 10:25:00 AM	1/30/2019 7:38:00 AM	Naphthalene	n/a	<	2.4	µg/L	EPA 625	2.4	5	WKL	
MO-HUE	2018/19-3	Wet	1/6/2019 10:25:00 AM	1/30/2019 7:38:00 AM	Nitrobenzene	n/a	<	1.8	µg/L	EPA 625	1.8	5	WKL	
MO-HUE	2018/19-3	Wet	1/6/2019 10:25:00 AM	1/30/2019 7:38:00 AM	N-Nitrosodimethylamine	n/a	<	0.7	µg/L	EPA 625	0.7	5	WKL	
MO-HUE	2018/19-3	Wet	1/6/2019 10:25:00 AM	1/30/2019 7:38:00 AM	N-Nitrosodi-N-propylamine	n/a	<	1.3	µg/L	EPA 625	1.3	5	WKL	
MO-HUE	2018/19-3	Wet	1/6/2019 10:25:00 AM	1/30/2019 7:38:00 AM	N-Nitrosodiphenylamine	n/a	<	0.95	µg/L	EPA 625	0.95	5	WKL	
MO-HUE	2018/19-3	Wet	1/6/2019 10:25:00 AM	1/30/2019 7:38:00 AM	Phenanthrene	n/a	<	1.6	µg/L	EPA 625	1.6	5	WKL	
MO-HUE	2018/19-3	Wet	1/6/2019 10:25:00 AM	2/2/2019 3:53:00 AM	Phenanthrene	n/a	<	0.2	µg/L	EPA 8270C	0.2	0.2	WKL	
MO-HUE	2018/19-3	Wet	1/6/2019 10:25:00 AM	1/30/2019 7:38:00 AM	Phenol	n/a	<	0.8	µg/L	EPA 625	0.8	5	WKL	
MO-HUE	2018/19-3	Wet	1/6/2019 10:25:00 AM	2/6/2019 3:13:00 AM	Phenol	n/a	<	0.7	µg/L	EPA 8270C	0.7	2	WKL	
MO-HUE	2018/19-3	Wet	1/6/2019 10:25:00 AM	2/2/2019 3:53:00 AM	Pyrene	n/a	<	0.2	µg/L	EPA 8270C	0.2	0.2	WKL	
MO-HUE	2018/19-3	Wet	1/6/2019 10:25:00 AM	1/30/2019 7:38:00 AM	Pyrene	n/a	<	1.2	µg/L	EPA 625	1.2	5	WKL	
MO-HUE	2018/19-3	Wet	1/6/2019 10:25:00 AM	1/31/2019 5:43:00 AM	PCB Aroclor 1016	n/a	<	1	µg/L	EPA 608	1	10	WKL	
MO-HUE	2018/19-3	Wet	1/6/2019 10:25:00 AM	1/31/2019 5:43:00 AM	PCB Aroclor 1221	n/a	<	1.2	µg/L	EPA 608	1.2	10	WKL	
MO-HUE	2018/19-3	Wet	1/6/2019 10:25:00 AM	1/31/2019 5:43:00 AM	PCB Aroclor 1232	n/a	<	3	µg/L	EPA 608	3	10	WKL	
MO-HUE	2018/19-3	Wet	1/6/2019 10:25:00 AM	1/31/2019 5:43:00 AM	PCB Aroclor 1242	n/a	<	1.4	µg/L	EPA 608	1.4	10	WKL	
MO-HUE	2018/19-3	Wet	1/6/2019 10:25:00 AM	1/31/2019 5:43:00 AM	PCB Aroclor 1248	n/a	<	1.2	µg/L	EPA 608	1.2	10	WKL	
MO-HUE	2018/19-3	Wet	1/6/2019 10:25:00 AM	1/31/2019 5:43:00 AM	PCB Aroclor 1254	n/a	<	0.8	µg/L	EPA 608	0.8	10	WKL	
MO-HUE	2018/19-3	Wet	1/6/2019 10:25:00 AM	1/31/2019 5:43:00 AM	PCB Aroclor 1260	n/a	<	0.8	µg/L	EPA 608	0.8	10	WKL	
MO-HUE	2018/19-3	Wet	1/6/2019 10:25:00 AM	1/16/2019 11:46:00 AM	2,4,5-T	n/a	<	0.07	µg/L	EPA 515.3	0.07	0.2	WKL	
MO-HUE	2018/19-3	Wet	1/6/2019 10:25:00 AM	1/16/2019 11:46:00 AM	2,4,5-TP	n/a	<	0.09	µg/L	EPA 515.3	0.09	0.2	WKL	
MO-HUE	2018/19-3	Wet	1/6/2019 10:25:00 AM	1/16/2019 11:46:00 AM	2,4-D	n/a	<	0.07	µg/L	EPA 515.3	0.07	0.4	WKL	
MO-HUE	2018/19-3	Wet	1/6/2019 10:25:00 AM	1/16/2019 11:46:00 AM	2,4-DB	n/a	DNQ	0.19	µg/L	EPA 515.3	0.07	2	WKL	
MO-HUE	2018/19-3	Wet	1/6/2019 10:25:00 AM	1/16/2019 11:46:00 AM	3,5-Dichlorobenzoic acid	n/a	<	0.09	µg/L	EPA 515.3	0.09	1	WKL	
MO-HUE	2018/19-3	Wet	1/6/2019 10:25:00 AM	1/31/2019 5:43:00 AM	4,4'-DDD	n/a	<	0.06	µg/L	EPA 608	0.06	1	WKL	
MO-HUE	2018/19-3	Wet	1/6/2019 10:25:00 AM	1/31/2019 5:43:00 AM	4,4'-DDE	n/a	<	0.05	µg/L	EPA 608	0.05	1	WKL	
MO-HUE	2018/19-3	Wet	1/6/2019 10:25:00 AM	1/31/2019 5:43:00 AM	4,4'-DDT	n/a	<	0.062	µg/L	EPA 608	0.062	0.2	WKL	
MO-HUE	2018/19-3	Wet	1/6/2019 10:25:00 AM	1/16/2019 11:46:00 AM	Acifluorfen	n/a	<	0.06	µg/L	EPA 515.3	0.06	0.4	WKL	
MO-HUE	2018/19-3	Wet	1/6/2019 10:25:00 AM	2/1/2019 4:01:00 PM	Alachlor	n/a	<	0.11	µg/L	EPA 525.2	0.11	0.5	WKL	
MO-HUE	2018/19-3	Wet	1/6/2019 10:25:00 AM	1/31/2019 5:43:00 AM	Aldrin	n/a	<	0.03	µg/L	EPA 608	0.03	0.1	WKL	
MO-HUE	2018/19-3	Wet	1/6/2019 10:25:00 AM	1/31/2019 5:43:00 AM	alpha-BHC	n/a	<	0.036	µg/L	EPA 608	0.036	0.2	WKL	
MO-HUE	2018/19-3	Wet	1/6/2019 10:25:00 AM	1/31/2019 5:43:00 AM	alpha-Chlordane	n/a	<	0.082	µg/L	EPA 608	0.082	0.2	WKL	
MO-HUE	2018/19-3	Wet	1/6/2019 10:25:00 AM	2/1/2019 4:01:00 PM	Atrazine	n/a	<	0.17	µg/L	EPA 525.2	0.17	0.5	WKL	
MO-HUE	2018/19-3	Wet	1/6/2019 10:25:00 AM	1/26/2019 4:41:00 AM	Azinphos methyl	n/a	<	0.055	µg/L	EPA 525.2m	0.055	0.1	WKL	
MO-HUE	2018/19-3	Wet	1/6/2019 10:25:00 AM	1/16/2019 11:46:00 AM	Bentazon	n/a	<	0.11	µg/L	EPA 515.3	0.11	2	WKL	
MO-HUE	2018/19-3	Wet	1/6/2019 10:25:00 AM	1/31/2019 5:43:00 AM	beta-BHC	n/a	<	0.062	µg/L	EPA 608	0.062	0.1	WKL	
MO-HUE	2018/19-3	Wet	1/6/2019 10:25:00 AM	1/26/2019 4:41:00 AM	Bolstar	n/a	<	0.046	µg/L	EPA 525.2m	0.046	0.1	WKL	
MO-HUE	2018/19-3	Wet	1/6/2019 10:25:00 AM	2/1/2019 4:01:00 PM	Bromacil	n/a	<	0.19	µg/L	EPA 525.2	0.19	5	WKL	
MO-HUE	2018/19-3	Wet	1/6/2019 10:25:00 AM	2/1/2019 4:01:00 PM	Butachlor	n/a	<	0.085	µg/L	EPA 525.2	0.085	1	WKL	
MO-HUE	2018/19-3	Wet	1/6/2019 10:25:00 AM	2/1/2019 4:01:00 PM	Captan	n/a	<	4.3	µg/L	EPA 525.2	4.3	5	WKL	LB-LCSR
MO-HUE	2018/19-3	Wet	1/6/2019 10:25:00 AM	1/31/2019 5:43:00 AM	Chlordane (technical)	n/a	<	1.6	µg/L	EPA 608	1.6	2	WKL	
MO-HUE	2018/19-3	Wet	1/6/2019 10:25:00 AM	2/1/2019 4:01:00 PM	Chlorpropylam	n/a	<	0.05	µg/L	EPA 525.2	0.05	0.5	WKL	
MO-HUE	2018/19-3	Wet	1/6/2019 10:25:00 AM	1/26/2019 4:41:00 AM	Chlorpyrifos	n/a	<	0.069	µg/L	EPA 525.2m	0.069	0.1	WKL	
MO-HUE	2018/19-3	Wet	1/6/2019 10:25:00 AM	1/26/2019 4:41:00 AM	Coumaphos	n/a	<	0.051	µg/L	EPA 525.2m	0.051	0.1	WKL	
MO-HUE	2018/19-3	Wet	1/6/2019 10:25:00 AM	2/1/2019 4:01:00 PM	Cyanazine	n/a	<	0.12	µg/L	EPA 525.2	0.12	0.5	WKL	
MO-HUE	2018/19-3	Wet	1/6/2019 10:25:00 AM	1/16/2019 11:46:00 AM	Dalapon	n/a	<	0.1	µg/L	EPA 515.3	0.1	0.4	WKL	
MO-HUE	2018/19-3	Wet	1/6/2019 10:25:00 AM	1/16/2019 11:46:00 AM	DCPA (Dacthal)	n/a	<	0.07	µg/L	EPA 515.3	0.07	0.1	WKL	
MO-HUE	2018/19-3	Wet	1/6/2019 10:25:00 AM	1/31/2019 5:43:00 AM	delta-BHC	n/a	<	0.05	µg/L	EPA 608	0.05	0.1	WKL	

Appendix G
Laboratory Environmental Analysis Results

Site ID	Event	Event Type	Sample Date	Analysis Date	Constituent	Fraction	Sign	Result	Units	Method	MDL	Reporting Limit	Analyzing Laboratory	Qualifier
MO-HUE	2018/19-3	Wet	1/6/2019 10:25:00 AM	1/26/2019 4:41:00 AM	Demeton-O	n/a	<	0.1	µg/L	EPA 525.2m	0.1	0.1	WKL	
MO-HUE	2018/19-3	Wet	1/6/2019 10:25:00 AM	1/26/2019 4:41:00 AM	Demeton-S	n/a	<	0.1	µg/L	EPA 525.2m	0.1	0.1	WKL	
MO-HUE	2018/19-3	Wet	1/6/2019 10:25:00 AM	2/1/2019 4:01:00 PM	Diazinon	n/a	<	0.48	µg/L	EPA 525.2	0.48	0.5	WKL	
MO-HUE	2018/19-3	Wet	1/6/2019 10:25:00 AM	1/26/2019 4:41:00 AM	Diazinon	n/a	<	0.052	µg/L	EPA 525.2m	0.052	0.1	WKL	
MO-HUE	2018/19-3	Wet	1/6/2019 10:25:00 AM	1/16/2019 11:46:00 AM	Dicamba	n/a	<	0.12	µg/L	EPA 515.3	0.12	0.6	WKL	
MO-HUE	2018/19-3	Wet	1/6/2019 10:25:00 AM	1/16/2019 11:46:00 AM	Dichlorprop	n/a	<	0.08	µg/L	EPA 515.3	0.08	0.3	WKL	
MO-HUE	2018/19-3	Wet	1/6/2019 10:25:00 AM	1/26/2019 4:41:00 AM	Dichlorvos	n/a	<	0.029	µg/L	EPA 525.2m	0.029	0.1	WKL	
MO-HUE	2018/19-3	Wet	1/6/2019 10:25:00 AM	1/31/2019 5:43:00 AM	Dieldrin	n/a	<	0.042	µg/L	EPA 608	0.042	0.2	WKL	
MO-HUE	2018/19-3	Wet	1/6/2019 10:25:00 AM	2/1/2019 4:01:00 PM	Dimethoate	n/a	<	0.12	µg/L	EPA 525.2	0.12	1	WKL	
MO-HUE	2018/19-3	Wet	1/6/2019 10:25:00 AM	1/26/2019 4:41:00 AM	Dimethoate	n/a	<	0.062	µg/L	EPA 525.2m	0.062	0.1	WKL	
MO-HUE	2018/19-3	Wet	1/6/2019 10:25:00 AM	1/16/2019 11:46:00 AM	Dinoseb	n/a	<	0.14	µg/L	EPA 515.3	0.14	0.4	WKL	
MO-HUE	2018/19-3	Wet	1/6/2019 10:25:00 AM	2/1/2019 4:01:00 PM	Diphenamid	n/a	<	0.12	µg/L	EPA 525.2	0.12	0.5	WKL	
MO-HUE	2018/19-3	Wet	1/6/2019 10:25:00 AM	2/1/2019 4:01:00 PM	Disulfoton	n/a	<	0.16	µg/L	EPA 525.2	0.16	0.5	WKL	
MO-HUE	2018/19-3	Wet	1/6/2019 10:25:00 AM	1/26/2019 4:41:00 AM	Disulfoton	n/a	<	0.1	µg/L	EPA 525.2m	0.1	0.1	WKL	
MO-HUE	2018/19-3	Wet	1/6/2019 10:25:00 AM	1/31/2019 5:43:00 AM	Endosulfan I	n/a	<	0.034	µg/L	EPA 608	0.034	0.4	WKL	
MO-HUE	2018/19-3	Wet	1/6/2019 10:25:00 AM	1/31/2019 5:43:00 AM	Endosulfan II	n/a	<	0.038	µg/L	EPA 608	0.038	0.2	WKL	
MO-HUE	2018/19-3	Wet	1/6/2019 10:25:00 AM	1/31/2019 5:43:00 AM	Endosulfan sulfate	n/a	<	0.16	µg/L	EPA 608	0.16	1	WKL	
MO-HUE	2018/19-3	Wet	1/6/2019 10:25:00 AM	1/31/2019 5:43:00 AM	Endrin	n/a	<	0.056	µg/L	EPA 608	0.056	0.2	WKL	
MO-HUE	2018/19-3	Wet	1/6/2019 10:25:00 AM	1/31/2019 5:43:00 AM	Endrin aldehyde	n/a	<	0.06	µg/L	EPA 608	0.06	0.2	WKL	LB-LCSR
MO-HUE	2018/19-3	Wet	1/6/2019 10:25:00 AM	2/1/2019 4:01:00 PM	EPTC	n/a	<	0.085	µg/L	EPA 525.2	0.085	5	WKL	
MO-HUE	2018/19-3	Wet	1/6/2019 10:25:00 AM	1/26/2019 4:41:00 AM	Ethoprop	n/a	<	0.067	µg/L	EPA 525.2m	0.067	0.1	WKL	
MO-HUE	2018/19-3	Wet	1/6/2019 10:25:00 AM	1/26/2019 4:41:00 AM	Ethyl parathion	n/a	<	0.054	µg/L	EPA 525.2m	0.054	0.1	WKL	
MO-HUE	2018/19-3	Wet	1/6/2019 10:25:00 AM	1/26/2019 4:41:00 AM	Fensulfothion	n/a	<	0.029	µg/L	EPA 525.2m	0.029	0.1	WKL	
MO-HUE	2018/19-3	Wet	1/6/2019 10:25:00 AM	1/26/2019 4:41:00 AM	Fenthion	n/a	<	0.038	µg/L	EPA 525.2m	0.038	0.1	WKL	
MO-HUE	2018/19-3	Wet	1/6/2019 10:25:00 AM	1/31/2019 5:43:00 AM	gamma-BHC (Lindane)	n/a	<	0.042	µg/L	EPA 608	0.042	0.4	WKL	
MO-HUE	2018/19-3	Wet	1/6/2019 10:25:00 AM	1/31/2019 5:43:00 AM	gamma-Chlordane	n/a	<	0.088	µg/L	EPA 608	0.088	0.2	WKL	
MO-HUE	2018/19-3	Wet	1/6/2019 10:25:00 AM	1/10/2019 5:43:00 AM	Glyphosate	n/a	<	1.8	µg/L	EPA 547	1.8	5	WKL	
MO-HUE	2018/19-3	Wet	1/6/2019 10:25:00 AM	1/31/2019 5:43:00 AM	Heptachlor	n/a	<	0.034	µg/L	EPA 608	0.034	0.2	WKL	
MO-HUE	2018/19-3	Wet	1/6/2019 10:25:00 AM	1/31/2019 5:43:00 AM	Heptachlor epoxide	n/a	<	0.038	µg/L	EPA 608	0.038	0.2	WKL	
MO-HUE	2018/19-3	Wet	1/6/2019 10:25:00 AM	1/26/2019 4:41:00 AM	Malathion	n/a	<	0.076	µg/L	EPA 525.2m	0.076	0.1	WKL	
MO-HUE	2018/19-3	Wet	1/6/2019 10:25:00 AM	1/26/2019 4:41:00 AM	Merphos	n/a	<	0.058	µg/L	EPA 525.2m	0.058	0.1	WKL	
MO-HUE	2018/19-3	Wet	1/6/2019 10:25:00 AM	1/31/2019 5:43:00 AM	Methoxychlor	n/a	<	0.11	µg/L	EPA 608	0.11	0.4	WKL	
MO-HUE	2018/19-3	Wet	1/6/2019 10:25:00 AM	1/26/2019 4:41:00 AM	Methyl parathion	n/a	<	0.063	µg/L	EPA 525.2m	0.063	0.1	WKL	
MO-HUE	2018/19-3	Wet	1/6/2019 10:25:00 AM	2/1/2019 4:01:00 PM	Metolachlor	n/a	<	0.06	µg/L	EPA 525.2	0.06	0.5	WKL	
MO-HUE	2018/19-3	Wet	1/6/2019 10:25:00 AM	2/1/2019 4:01:00 PM	Metribuzin	n/a	<	0.075	µg/L	EPA 525.2	0.075	0.5	WKL	
MO-HUE	2018/19-3	Wet	1/6/2019 10:25:00 AM	1/26/2019 4:41:00 AM	Mevinphos	n/a	<	0.042	µg/L	EPA 525.2m	0.042	0.1	WKL	
MO-HUE	2018/19-3	Wet	1/6/2019 10:25:00 AM	2/1/2019 4:01:00 PM	Molinate	n/a	<	0.2	µg/L	EPA 525.2	0.2	0.5	WKL	
MO-HUE	2018/19-3	Wet	1/6/2019 10:25:00 AM	1/26/2019 4:41:00 AM	Naled	n/a	<	0.076	µg/L	EPA 525.2m	0.076	0.1	WKL	
MO-HUE	2018/19-3	Wet	1/6/2019 10:25:00 AM	2/6/2019 3:13:00 AM	Pentachlorophenol	n/a	DNQ	0.99	µg/L	EPA 8270C	0.3	2	WKL	
MO-HUE	2018/19-3	Wet	1/6/2019 10:25:00 AM	1/16/2019 11:46:00 AM	Pentachlorophenol	n/a	DNQ	0.079	µg/L	EPA 515.3	0.04	0.2	WKL	
MO-HUE	2018/19-3	Wet	1/6/2019 10:25:00 AM	1/30/2019 7:38:00 AM	Pentachlorophenol	n/a	<	0.95	µg/L	EPA 625	0.95	5	WKL	
MO-HUE	2018/19-3	Wet	1/6/2019 10:25:00 AM	1/26/2019 4:41:00 AM	Phorate	n/a	<	0.03	µg/L	EPA 525.2m	0.03	0.1	WKL	
MO-HUE	2018/19-3	Wet	1/6/2019 10:25:00 AM	1/16/2019 11:46:00 AM	Picloram	n/a	<	0.05	µg/L	EPA 515.3	0.05	0.6	WKL	
MO-HUE	2018/19-3	Wet	1/6/2019 10:25:00 AM	2/1/2019 4:01:00 PM	Prometon	n/a	<	0.12	µg/L	EPA 525.2	0.12	1	WKL	
MO-HUE	2018/19-3	Wet	1/6/2019 10:25:00 AM	2/1/2019 4:01:00 PM	Prometryn	n/a	<	0.18	µg/L	EPA 525.2	0.18	0.5	WKL	
MO-HUE	2018/19-3	Wet	1/6/2019 10:25:00 AM	1/26/2019 4:41:00 AM	Ronnel (Fenchlorphos)	n/a	<	0.041	µg/L	EPA 525.2m	0.041	0.1	WKL	
MO-HUE	2018/19-3	Wet	1/6/2019 10:25:00 AM	2/1/2019 4:01:00 PM	Simazine	n/a	<	0.075	µg/L	EPA 525.2	0.075	0.5	WKL	
MO-HUE	2018/19-3	Wet	1/6/2019 10:25:00 AM	1/26/2019 4:41:00 AM	Stirophos (Tetrachlorvinphos)	n/a	<	0.031	µg/L	EPA 525.2m	0.031	0.1	WKL	

Appendix G
Laboratory Environmental Analysis Results

Site ID	Event	Event Type	Sample Date	Analysis Date	Constituent	Fraction	Sign	Result	Units	Method	MDL	Reporting Limit	Analyzing Laboratory	Qualifier
MO-HUE	2018/19-3	Wet	1/6/2019 10:25:00 AM	2/1/2019 4:01:00 PM	Terbacil	n/a	<	2.8	µg/L	EPA 525.2	2.8	10	WKL	
MO-HUE	2018/19-3	Wet	1/6/2019 10:25:00 AM	2/1/2019 4:01:00 PM	Thiobencarb	n/a	<	0.12	µg/L	EPA 525.2	0.12	1	WKL	
MO-HUE	2018/19-3	Wet	1/6/2019 10:25:00 AM	1/26/2019 4:41:00 AM	Tokuthion	n/a	<	0.078	µg/L	EPA 525.2m	0.078	0.1	WKL	
MO-HUE	2018/19-3	Wet	1/6/2019 10:25:00 AM	1/31/2019 5:43:00 AM	Toxaphene	n/a	<	2.4	µg/L	EPA 608	2.4	10	WKL	
MO-HUE	2018/19-3	Wet	1/6/2019 10:25:00 AM	1/26/2019 4:41:00 AM	Trichloronate	n/a	<	0.067	µg/L	EPA 525.2m	0.067	0.1	WKL	
MO-HUE	2018/19-3	Wet	1/6/2019 10:25:00 AM	2/1/2019 4:01:00 PM	Trithion	n/a	<	0.06	µg/L	EPA 525.2	0.06	0.5	WKL	
MO-HUE	2018/19-5	Dry	5/8/2019 12:15:00 PM	5/13/2019 10:00:00 PM	Chloride	n/a	=	4000	mg/L	EPA 300.0	4	20	WKL	
MO-HUE	2018/19-5	Dry	5/8/2019 12:15:00 PM	5/13/2019 10:00:00 PM	Fluoride	n/a	DNQ	0.64	mg/L	EPA 300.0	0.2	1	WKL	
MO-HUE	2018/19-5	Dry	5/8/2019 12:15:00 PM	5/18/2019 6:40:00 AM	Perchlorate	n/a	<	19	µg/L	EPA 314.0	19	40	WKL	
MO-HUE	2018/19-5	Dry	5/8/2019 12:15:00 PM	5/13/2019 10:00:00 PM	Sulfate	Total	=	1400	mg/L	EPA 300.0	1	5	WKL	
MO-HUE	2018/19-5	Dry	5/8/2019 12:15:00 PM	5/9/2019 8:00:00 AM	E. Coli	n/a	=	1850	MPN/100 mL	MMO-MUG	10	10	VCHCA	
MO-HUE	2018/19-5	Dry	5/8/2019 12:15:00 PM	5/9/2019 8:00:00 AM	Total Coliform	n/a	=	61310	MPN/100 mL	MMO-MUG	100	100	VCHCA	
MO-HUE	2018/19-5	Dry	5/8/2019 12:15:00 PM	5/16/2019 6:48:00 PM	Calcium	Total	=	328	mg/L	EPA 200.7	0.16	1	WKL	
MO-HUE	2018/19-5	Dry	5/8/2019 12:15:00 PM	5/16/2019 6:48:00 PM	Magnesium	Total	=	358	mg/L	EPA 200.7	0.12	1	WKL	
MO-HUE	2018/19-5	Dry	5/8/2019 12:15:00 PM	5/21/2019 5:41:00 PM	Potassium	Total	=	100	mg/L	EPA 200.7	0.81	1	WKL	
MO-HUE	2018/19-5	Dry	5/8/2019 12:15:00 PM	5/16/2019 6:48:00 PM	Sodium	Total	=	2500	mg/L	EPA 200.7	0.15	5	WKL	
MO-HUE	2018/19-5	Dry	5/8/2019 12:15:00 PM	5/10/2019 2:24:00 PM	Alkalinity as CaCO3	n/a	=	330	mg/L	SM 2320 B	0.56	2	WKL	
MO-HUE	2018/19-5	Dry	5/8/2019 12:15:00 PM	5/14/2019 6:29:00 PM	BOD	n/a	=	3.8	mg/L	SM 5210 B	2	2	WKL	
MO-HUE	2018/19-5	Dry	5/8/2019 12:15:00 PM	5/16/2019 11:39:00 AM	COD	n/a	=	64	mg/L	EPA 410.4	0.73	5	WKL	
MO-HUE	2018/19-5	Dry	5/8/2019 12:15:00 PM	5/8/2019 12:15:00 PM	Conductivity	n/a	=	9700	µmhos/cm	Field Meter	-88	1	Field Crew	
MO-HUE	2018/19-5	Dry	5/8/2019 12:15:00 PM	5/16/2019 5:10:00 PM	Cyanide	Total	<	0.0005	mg/L	ASTM D7511	0.0005	0.002	WKL	
MO-HUE	2018/19-5	Dry	5/8/2019 12:15:00 PM	5/17/2019 2:14:00 PM	Dissolved Inorganic Carbon	Dissolved	=	80	mg/L	SM 5310 B	0.016	0.1	WKL	
MO-HUE	2018/19-5	Dry	5/8/2019 12:15:00 PM	5/9/2019 4:20:00 PM	Dissolved Organic Carbon	Dissolved	=	6.7	mg/L	SM 5310 B	0.013	0.3	WKL	
MO-HUE	2018/19-5	Dry	5/8/2019 12:15:00 PM	5/8/2019 12:15:00 PM	DO	n/a	=	93.9	%	Field Meter	-88	0.1	Field Crew	
MO-HUE	2018/19-5	Dry	5/8/2019 12:15:00 PM	5/8/2019 12:15:00 PM	DO	n/a	=	7.63	mg/L	Field Meter	-88	0.3	Field Crew	
MO-HUE	2018/19-5	Dry	5/8/2019 12:15:00 PM	5/16/2019 6:48:00 PM	Hardness as CaCO3	Total	=	2290	mg/L	EPA 200.7	0.894	6.62	WKL	
MO-HUE	2018/19-5	Dry	5/8/2019 12:15:00 PM	5/9/2019 7:39:00 PM	MBAS	n/a	=	0.079	mg/L	SM 5540 C	0.019	0.05	WKL	
MO-HUE	2018/19-5	Dry	5/8/2019 12:15:00 PM	5/8/2019 12:15:00 PM	pH	n/a	=	8.06	pH Units	Field Meter	-88	0.01	Field Crew	
MO-HUE	2018/19-5	Dry	5/8/2019 12:15:00 PM	5/16/2019 5:07:00 PM	Phenolics	n/a	=	0.036	mg/L	EPA 420.4	0.0042	0.01	WKL	
MO-HUE	2018/19-5	Dry	5/8/2019 12:15:00 PM	5/8/2019 12:15:00 PM	Salinity	n/a	=	6100	mg/L	Field Meter	-88	100	Field Crew	
MO-HUE	2018/19-5	Dry	5/8/2019 12:15:00 PM	5/8/2019 12:15:00 PM	Specific Conductance	n/a	=	10670	µmhos/cm	Field Meter	-88	1	Field Crew	
MO-HUE	2018/19-5	Dry	5/8/2019 12:15:00 PM	5/10/2019 3:19:00 PM	Specific Conductance	n/a	=	17000	µmhos/cm	SM 2510 B	0.94	2	WKL	
MO-HUE	2018/19-5	Dry	5/8/2019 12:15:00 PM	5/8/2019 12:15:00 PM	Temperature	n/a	=	20.2	°C	Field Meter	-88	0.1	Field Crew	
MO-HUE	2018/19-5	Dry	5/8/2019 12:15:00 PM	5/9/2019 4:12:00 PM	Total Chlorine Residual	n/a	=	0.082	mg/L	SM 4500-Cl G	0.0015	0.05	WKL	EST-HT
MO-HUE	2018/19-5	Dry	5/8/2019 12:15:00 PM	5/13/2019 6:44:00 PM	Total Dissolved Solids	n/a	=	9200	mg/L	SM 2540 C	4	10	WKL	
MO-HUE	2018/19-5	Dry	5/8/2019 12:15:00 PM	5/13/2019 1:47:00 PM	Total Organic Carbon	n/a	=	6.4	mg/L	SM 5310 B	0.009	0.3	WKL	
MO-HUE	2018/19-5	Dry	5/8/2019 12:15:00 PM	5/13/2019 12:24:00 PM	Total Suspended Solids	n/a	=	14	mg/L	SM 2540 D	-88	5	WKL	
MO-HUE	2018/19-5	Dry	5/8/2019 12:15:00 PM	5/9/2019 3:47:00 PM	Turbidity	n/a	=	14	NTU	EPA 180.1	0.024	0.1	WKL	
MO-HUE	2018/19-5	Dry	5/8/2019 12:15:00 PM	5/13/2019 12:24:00 PM	Volatile Suspended Solids	n/a	=	8.1	mg/L	EPA 160.4	3.1	5	WKL	
MO-HUE	2018/19-5	Dry	5/8/2019 12:15:00 PM	5/18/2019 11:03:00 AM	Diesel Range Organics	n/a	DNQ	0.22	mg/L	EPA 8015D	0.12	0.5	WKL	UL-MB
MO-HUE	2018/19-5	Dry	5/8/2019 12:15:00 PM	5/12/2019 8:02:00 PM	Gasoline Range Organics	n/a	DNQ	0.02	mg/L	LUFT GC/MS	0.012	0.1	WKL	UL-MB
MO-HUE	2018/19-5	Dry	5/8/2019 12:15:00 PM	5/13/2019 11:04:00 AM	Oil and Grease	n/a	<	1.3	mg/L	EPA 1664A	1.3	5	WKL	
MO-HUE	2018/19-5	Dry	5/8/2019 12:15:00 PM	5/18/2019 11:03:00 AM	Oil Range Organics	n/a	<	1.6	mg/L	EPA 8015D	1.6	2.5	WKL	
MO-HUE	2018/19-5	Dry	5/8/2019 12:15:00 PM	5/21/2019 5:38:00 PM	Aluminum	Dissolved	DNQ	4.2	µg/L	EPA 200.8	1.3	5	WKL	UL-MB
MO-HUE	2018/19-5	Dry	5/8/2019 12:15:00 PM	5/21/2019 5:34:00 PM	Aluminum	Total	=	36	µg/L	EPA 200.8	1.3	5	WKL	
MO-HUE	2018/19-5	Dry	5/8/2019 12:15:00 PM	5/17/2019 1:46:00 PM	Antimony	Dissolved	DNQ	0.21	µg/L	EPA 200.8	0.045	0.5	WKL	
MO-HUE	2018/19-5	Dry	5/8/2019 12:15:00 PM	5/17/2019 1:53:00 PM	Antimony	Total	DNQ	0.21	µg/L	EPA 200.8	0.045	0.5	WKL	
MO-HUE	2018/19-5	Dry	5/8/2019 12:15:00 PM	5/17/2019 1:46:00 PM	Arsenic	Dissolved	=	1.7	µg/L	EPA 200.8	0.074	0.4	WKL	

Appendix G
Laboratory Environmental Analysis Results

Site ID	Event	Event Type	Sample Date	Analysis Date	Constituent	Fraction	Sign	Result	Units	Method	MDL	Reporting Limit	Analyzing Laboratory	Qualifier
MO-HUE	2018/19-5	Dry	5/8/2019 12:15:00 PM	5/17/2019 1:53:00 PM	Arsenic	Total	=	2.2	µg/L	EPA 200.8	0.074	0.4	WKL	
MO-HUE	2018/19-5	Dry	5/8/2019 12:15:00 PM	5/17/2019 1:53:00 PM	Barium	Total	=	66	µg/L	EPA 200.8	0.071	0.5	WKL	
MO-HUE	2018/19-5	Dry	5/8/2019 12:15:00 PM	5/22/2019 5:27:00 PM	Beryllium	Dissolved	<	0.13	µg/L	EPA 200.8	0.13	0.4	WKL	
MO-HUE	2018/19-5	Dry	5/8/2019 12:15:00 PM	5/22/2019 5:30:00 PM	Beryllium	Total	<	0.13	µg/L	EPA 200.8	0.13	0.4	WKL	
MO-HUE	2018/19-5	Dry	5/8/2019 12:15:00 PM	5/17/2019 1:46:00 PM	Cadmium	Dissolved	=	0.25	µg/L	EPA 200.8	0.041	0.1	WKL	
MO-HUE	2018/19-5	Dry	5/8/2019 12:15:00 PM	5/17/2019 1:53:00 PM	Cadmium	Total	=	0.27	µg/L	EPA 200.8	0.041	0.1	WKL	
MO-HUE	2018/19-5	Dry	5/8/2019 12:15:00 PM	5/17/2019 1:46:00 PM	Chromium	Dissolved	DNQ	0.1	µg/L	EPA 200.8	0.035	0.2	WKL	
MO-HUE	2018/19-5	Dry	5/8/2019 12:15:00 PM	5/17/2019 1:53:00 PM	Chromium	Total	=	0.27	µg/L	EPA 200.8	0.035	0.2	WKL	
MO-HUE	2018/19-5	Dry	5/8/2019 12:15:00 PM	5/15/2019 12:22:00 PM	Chromium VI	n/a	<	0.0048	µg/L	EPA 218.6	0.0048	0.02	WKL	
MO-HUE	2018/19-5	Dry	5/8/2019 12:15:00 PM	5/17/2019 1:46:00 PM	Copper	Dissolved	=	0.51	µg/L	EPA 200.8	0.13	0.5	WKL	
MO-HUE	2018/19-5	Dry	5/8/2019 12:15:00 PM	5/17/2019 1:53:00 PM	Copper	Total	=	0.88	µg/L	EPA 200.8	0.13	0.5	WKL	
MO-HUE	2018/19-5	Dry	5/8/2019 12:15:00 PM	5/16/2019 6:33:00 PM	Iron	Dissolved	=	24	µg/L	EPA 200.7	1.1	10	WKL	
MO-HUE	2018/19-5	Dry	5/8/2019 12:15:00 PM	5/16/2019 6:51:00 PM	Iron	Total	=	1100	µg/L	EPA 200.7	1.1	10	WKL	
MO-HUE	2018/19-5	Dry	5/8/2019 12:15:00 PM	5/17/2019 3:25:00 PM	Lead	Dissolved	DNQ	0.12	µg/L	EPA 200.8	0.12	0.8	WKL	
MO-HUE	2018/19-5	Dry	5/8/2019 12:15:00 PM	5/17/2019 3:32:00 PM	Lead	Total	DNQ	0.2	µg/L	EPA 200.8	0.12	0.8	WKL	
MO-HUE	2018/19-5	Dry	5/8/2019 12:15:00 PM	5/18/2019 12:09:00 PM	Mercury	Dissolved	<	17	ng/L	EPA 245.1	17	50	WKL	
MO-HUE	2018/19-5	Dry	5/8/2019 12:15:00 PM	5/18/2019 12:11:00 PM	Mercury	Total	<	17	ng/L	EPA 245.1	17	50	WKL	
MO-HUE	2018/19-5	Dry	5/8/2019 12:15:00 PM	5/17/2019 1:46:00 PM	Nickel	Dissolved	=	2	µg/L	EPA 200.8	0.045	0.8	WKL	
MO-HUE	2018/19-5	Dry	5/8/2019 12:15:00 PM	5/17/2019 1:53:00 PM	Nickel	Total	=	2.1	µg/L	EPA 200.8	0.045	0.8	WKL	
MO-HUE	2018/19-5	Dry	5/8/2019 12:15:00 PM	5/17/2019 1:46:00 PM	Selenium	Dissolved	=	0.68	µg/L	EPA 200.8	0.14	0.4	WKL	
MO-HUE	2018/19-5	Dry	5/8/2019 12:15:00 PM	5/17/2019 1:53:00 PM	Selenium	Total	=	0.86	µg/L	EPA 200.8	0.14	0.4	WKL	
MO-HUE	2018/19-5	Dry	5/8/2019 12:15:00 PM	5/17/2019 1:46:00 PM	Silver	Dissolved	<	0.062	µg/L	EPA 200.8	0.062	0.2	WKL	
MO-HUE	2018/19-5	Dry	5/8/2019 12:15:00 PM	5/17/2019 2:25:00 PM	Silver	Total	<	0.12	µg/L	EPA 200.8	0.12	0.4	WKL	
MO-HUE	2018/19-5	Dry	5/8/2019 12:15:00 PM	5/17/2019 3:25:00 PM	Thallium	Dissolved	<	0.056	µg/L	EPA 200.8	0.056	0.8	WKL	
MO-HUE	2018/19-5	Dry	5/8/2019 12:15:00 PM	5/17/2019 3:32:00 PM	Thallium	Total	<	0.056	µg/L	EPA 200.8	0.056	0.8	WKL	
MO-HUE	2018/19-5	Dry	5/8/2019 12:15:00 PM	5/17/2019 1:46:00 PM	Zinc	Dissolved	DNQ	1.6	µg/L	EPA 200.8	0.94	5	WKL	
MO-HUE	2018/19-5	Dry	5/8/2019 12:15:00 PM	5/17/2019 1:53:00 PM	Zinc	Total	DNQ	2.7	µg/L	EPA 200.8	0.94	5	WKL	
MO-HUE	2018/19-5	Dry	5/8/2019 12:15:00 PM	5/10/2019 11:40:00 AM	Ammonia as N	n/a	=	0.49	mg/L	EPA 350.1	0.048	0.1	WKL	
MO-HUE	2018/19-5	Dry	5/8/2019 12:15:00 PM	5/9/2019 3:41:00 PM	Nitrate + Nitrite as N	n/a	DNQ	0.15	mg/L	EPA 353.2	0.083	0.2	WKL	
MO-HUE	2018/19-5	Dry	5/8/2019 12:15:00 PM	5/9/2019 3:41:00 PM	Nitrate as N	n/a	DNQ	0.14	mg/L	EPA 353.2	0.083	0.2	WKL	
MO-HUE	2018/19-5	Dry	5/8/2019 12:15:00 PM	5/16/2019 6:33:00 PM	Phosphorus as P	Dissolved	=	0.14	mg/L	EPA 200.7	0.012	0.02	WKL	
MO-HUE	2018/19-5	Dry	5/8/2019 12:15:00 PM	5/16/2019 6:51:00 PM	Phosphorus as P	Total	=	0.42	mg/L	EPA 200.7	0.012	0.02	WKL	
MO-HUE	2018/19-5	Dry	5/8/2019 12:15:00 PM	5/21/2019 1:34:00 PM	TKN	n/a	=	1.2	mg/L	EPA 351.2	0.05	0.1	WKL	
MO-HUE	2018/19-5	Dry	5/8/2019 12:15:00 PM	6/3/2019 10:13:00 PM	1,2,4-Trichlorobenzene	n/a	<	2.8	µg/L	EPA 625	2.8	5	WKL	
MO-HUE	2018/19-5	Dry	5/8/2019 12:15:00 PM	6/3/2019 10:13:00 PM	1,2-Dichlorobenzene	n/a	<	2.8	µg/L	EPA 625	2.8	5	WKL	
MO-HUE	2018/19-5	Dry	5/8/2019 12:15:00 PM	6/3/2019 10:13:00 PM	1,2-Diphenylhydrazine	n/a	<	1.2	µg/L	EPA 625	1.2	5	WKL	
MO-HUE	2018/19-5	Dry	5/8/2019 12:15:00 PM	6/3/2019 10:13:00 PM	1,3-Dichlorobenzene	n/a	<	2.6	µg/L	EPA 625	2.6	5	WKL	
MO-HUE	2018/19-5	Dry	5/8/2019 12:15:00 PM	6/3/2019 10:13:00 PM	1,4-Dichlorobenzene	n/a	<	2.8	µg/L	EPA 625	2.8	5	WKL	
MO-HUE	2018/19-5	Dry	5/8/2019 12:15:00 PM	6/8/2019 5:42:00 AM	1-Methylnaphthalene	n/a	<	0.2	µg/L	EPA 8270C	0.2	0.2	WKL	
MO-HUE	2018/19-5	Dry	5/8/2019 12:15:00 PM	5/22/2019 2:32:00 AM	2,4,5-Trichlorophenol	n/a	<	0.58	µg/L	EPA 8270C	0.58	2	WKL	
MO-HUE	2018/19-5	Dry	5/8/2019 12:15:00 PM	6/3/2019 10:13:00 PM	2,4,6-Trichlorophenol	n/a	<	1.1	µg/L	EPA 625	1.1	5	WKL	
MO-HUE	2018/19-5	Dry	5/8/2019 12:15:00 PM	5/22/2019 2:32:00 AM	2,4,6-Trichlorophenol	n/a	<	0.6	µg/L	EPA 8270C	0.6	2	WKL	
MO-HUE	2018/19-5	Dry	5/8/2019 12:15:00 PM	5/22/2019 2:32:00 AM	2,4-Dichlorophenol	n/a	<	1	µg/L	EPA 8270C	1	2	WKL	
MO-HUE	2018/19-5	Dry	5/8/2019 12:15:00 PM	6/3/2019 10:13:00 PM	2,4-Dichlorophenol	n/a	<	1.3	µg/L	EPA 625	1.3	5	WKL	
MO-HUE	2018/19-5	Dry	5/8/2019 12:15:00 PM	5/22/2019 2:32:00 AM	2,4-Dimethylphenol	n/a	<	2	µg/L	EPA 8270C	2	4	WKL	
MO-HUE	2018/19-5	Dry	5/8/2019 12:15:00 PM	6/3/2019 10:13:00 PM	2,4-Dimethylphenol	n/a	<	1.5	µg/L	EPA 625	1.5	5	WKL	
MO-HUE	2018/19-5	Dry	5/8/2019 12:15:00 PM	5/22/2019 2:32:00 AM	2,4-Dinitrophenol	n/a	<	2	µg/L	EPA 8270C	2	4	WKL	
MO-HUE	2018/19-5	Dry	5/8/2019 12:15:00 PM	6/3/2019 10:13:00 PM	2,4-Dinitrophenol	n/a	<	7.9	µg/L	EPA 625	7.9	50	WKL	

Appendix G
Laboratory Environmental Analysis Results

Site ID	Event	Event Type	Sample Date	Analysis Date	Constituent	Fraction	Sign	Result	Units	Method	MDL	Reporting Limit	Analyzing Laboratory	Qualifier
MO-HUE	2018/19-5	Dry	5/8/2019 12:15:00 PM	6/3/2019 10:13:00 PM	2,4-Dinitrotoluene	n/a	<	0.9	µg/L	EPA 625	0.9	5	WKL	
MO-HUE	2018/19-5	Dry	5/8/2019 12:15:00 PM	6/3/2019 10:13:00 PM	2,6-Dinitrotoluene	n/a	<	1.4	µg/L	EPA 625	1.4	5	WKL	
MO-HUE	2018/19-5	Dry	5/8/2019 12:15:00 PM	5/10/2019 4:34:00 PM	2-Chloroethyl vinyl ether	n/a	<	0.28	µg/L	EPA 624	0.28	1	WKL	
MO-HUE	2018/19-5	Dry	5/8/2019 12:15:00 PM	6/3/2019 10:13:00 PM	2-Chloronaphthalene	n/a	<	2.2	µg/L	EPA 625	2.2	5	WKL	
MO-HUE	2018/19-5	Dry	5/8/2019 12:15:00 PM	6/3/2019 10:13:00 PM	2-Chlorophenol	n/a	<	1.4	µg/L	EPA 625	1.4	5	WKL	
MO-HUE	2018/19-5	Dry	5/8/2019 12:15:00 PM	5/22/2019 2:32:00 AM	2-Chlorophenol	n/a	<	1.3	µg/L	EPA 8270C	1.3	2	WKL	
MO-HUE	2018/19-5	Dry	5/8/2019 12:15:00 PM	6/8/2019 5:42:00 AM	2-Methylnaphthalene	n/a	<	0.2	µg/L	EPA 8270C	0.2	0.2	WKL	
MO-HUE	2018/19-5	Dry	5/8/2019 12:15:00 PM	5/22/2019 2:32:00 AM	2-Methylphenol	n/a	<	0.68	µg/L	EPA 8270C	0.68	2	WKL	
MO-HUE	2018/19-5	Dry	5/8/2019 12:15:00 PM	5/22/2019 2:32:00 AM	2-Nitrophenol	n/a	<	1.4	µg/L	EPA 8270C	1.4	2	WKL	
MO-HUE	2018/19-5	Dry	5/8/2019 12:15:00 PM	6/3/2019 10:13:00 PM	2-Nitrophenol	n/a	<	1.3	µg/L	EPA 625	1.3	5	WKL	
MO-HUE	2018/19-5	Dry	5/8/2019 12:15:00 PM	6/3/2019 10:13:00 PM	3,3'-Dichlorobenzidine	n/a	<	6	µg/L	EPA 625	6	25	WKL	
MO-HUE	2018/19-5	Dry	5/8/2019 12:15:00 PM	5/22/2019 2:32:00 AM	3-4-Methylphenol	n/a	<	0.6	µg/L	EPA 8270C	0.6	2	WKL	
MO-HUE	2018/19-5	Dry	5/8/2019 12:15:00 PM	6/3/2019 10:13:00 PM	4,6-Dinitro-2-methylphenol	n/a	<	8.6	µg/L	EPA 625	8.6	25	WKL	
MO-HUE	2018/19-5	Dry	5/8/2019 12:15:00 PM	5/22/2019 2:32:00 AM	4,6-Dinitro-2-methylphenol	n/a	<	0.28	µg/L	EPA 8270C	0.28	2	WKL	
MO-HUE	2018/19-5	Dry	5/8/2019 12:15:00 PM	6/3/2019 10:13:00 PM	4-Bromophenyl phenyl ether	n/a	<	1.8	µg/L	EPA 625	1.8	5	WKL	
MO-HUE	2018/19-5	Dry	5/8/2019 12:15:00 PM	5/22/2019 2:32:00 AM	4-Chloro-3-methylphenol	n/a	<	0.74	µg/L	EPA 8270C	0.74	2	WKL	
MO-HUE	2018/19-5	Dry	5/8/2019 12:15:00 PM	6/3/2019 10:13:00 PM	4-Chloro-3-methylphenol	n/a	<	1.2	µg/L	EPA 625	1.2	5	WKL	
MO-HUE	2018/19-5	Dry	5/8/2019 12:15:00 PM	6/3/2019 10:13:00 PM	4-Chlorophenyl phenyl ether	n/a	<	2	µg/L	EPA 625	2	5	WKL	
MO-HUE	2018/19-5	Dry	5/8/2019 12:15:00 PM	5/22/2019 2:32:00 AM	4-Nitrophenol	n/a	<	2	µg/L	EPA 8270C	2	4	WKL	
MO-HUE	2018/19-5	Dry	5/8/2019 12:15:00 PM	6/3/2019 10:13:00 PM	4-Nitrophenol	n/a	<	2.2	µg/L	EPA 625	2.2	25	WKL	
MO-HUE	2018/19-5	Dry	5/8/2019 12:15:00 PM	6/3/2019 10:13:00 PM	Acenaphthene	n/a	<	1.9	µg/L	EPA 625	1.9	5	WKL	
MO-HUE	2018/19-5	Dry	5/8/2019 12:15:00 PM	6/8/2019 5:42:00 AM	Acenaphthene	n/a	<	0.2	µg/L	EPA 8270C	0.2	0.2	WKL	
MO-HUE	2018/19-5	Dry	5/8/2019 12:15:00 PM	6/3/2019 10:13:00 PM	Acenaphthylene	n/a	<	2	µg/L	EPA 625	2	5	WKL	
MO-HUE	2018/19-5	Dry	5/8/2019 12:15:00 PM	6/8/2019 5:42:00 AM	Acenaphthylene	n/a	<	0.2	µg/L	EPA 8270C	0.2	0.2	WKL	
MO-HUE	2018/19-5	Dry	5/8/2019 12:15:00 PM	6/3/2019 10:13:00 PM	Anthracene	n/a	<	1.7	µg/L	EPA 625	1.7	5	WKL	
MO-HUE	2018/19-5	Dry	5/8/2019 12:15:00 PM	6/8/2019 5:42:00 AM	Anthracene	n/a	<	0.2	µg/L	EPA 8270C	0.2	0.2	WKL	
MO-HUE	2018/19-5	Dry	5/8/2019 12:15:00 PM	6/3/2019 10:13:00 PM	Benz(a)anthracene	n/a	<	0.95	µg/L	EPA 625	0.95	5	WKL	
MO-HUE	2018/19-5	Dry	5/8/2019 12:15:00 PM	6/8/2019 5:42:00 AM	Benz(a)anthracene	n/a	<	0.2	µg/L	EPA 8270C	0.2	0.2	WKL	
MO-HUE	2018/19-5	Dry	5/8/2019 12:15:00 PM	6/3/2019 10:13:00 PM	Benzenzidine	n/a	<	18	µg/L	EPA 625	18	50	WKL	
MO-HUE	2018/19-5	Dry	5/8/2019 12:15:00 PM	6/8/2019 5:42:00 AM	Benzo(a)pyrene	n/a	<	0.2	µg/L	EPA 8270C	0.2	0.2	WKL	
MO-HUE	2018/19-5	Dry	5/8/2019 12:15:00 PM	5/15/2019 5:34:00 AM	Benzo(a)pyrene	n/a	<	0.07	µg/L	EPA 525.2	0.07	0.1	WKL	
MO-HUE	2018/19-5	Dry	5/8/2019 12:15:00 PM	6/3/2019 10:13:00 PM	Benzo(a)pyrene	n/a	<	0.65	µg/L	EPA 625	0.65	5	WKL	
MO-HUE	2018/19-5	Dry	5/8/2019 12:15:00 PM	6/8/2019 5:42:00 AM	Benzo(b)fluoranthene	n/a	<	0.2	µg/L	EPA 8270C	0.2	0.2	WKL	
MO-HUE	2018/19-5	Dry	5/8/2019 12:15:00 PM	6/3/2019 10:13:00 PM	Benzo(b)fluoranthene	n/a	<	0.7	µg/L	EPA 625	0.7	5	WKL	
MO-HUE	2018/19-5	Dry	5/8/2019 12:15:00 PM	6/8/2019 5:42:00 AM	Benzo(g,h,i)perylene	n/a	<	0.2	µg/L	EPA 8270C	0.2	0.2	WKL	
MO-HUE	2018/19-5	Dry	5/8/2019 12:15:00 PM	6/3/2019 10:13:00 PM	Benzo(g,h,i)perylene	n/a	<	0.5	µg/L	EPA 625	0.5	10	WKL	
MO-HUE	2018/19-5	Dry	5/8/2019 12:15:00 PM	6/3/2019 10:13:00 PM	Benzo(k)fluoranthene	n/a	<	1.1	µg/L	EPA 625	1.1	5	WKL	
MO-HUE	2018/19-5	Dry	5/8/2019 12:15:00 PM	6/8/2019 5:42:00 AM	Benzo(k)fluoranthene	n/a	<	0.2	µg/L	EPA 8270C	0.2	0.2	WKL	
MO-HUE	2018/19-5	Dry	5/8/2019 12:15:00 PM	6/3/2019 10:13:00 PM	Bis(2-chloroethoxy)methane	n/a	<	1.2	µg/L	EPA 625	1.2	5	WKL	
MO-HUE	2018/19-5	Dry	5/8/2019 12:15:00 PM	6/3/2019 10:13:00 PM	Bis(2-chloroethyl)ether	n/a	<	1.4	µg/L	EPA 625	1.4	5	WKL	
MO-HUE	2018/19-5	Dry	5/8/2019 12:15:00 PM	6/3/2019 10:13:00 PM	Bis(2-chloroisopropyl)ether	n/a	<	1.9	µg/L	EPA 625	1.9	5	WKL	
MO-HUE	2018/19-5	Dry	5/8/2019 12:15:00 PM	5/15/2019 5:34:00 AM	Bis(2-ethylhexyl)adipate	n/a	<	0.1	µg/L	EPA 525.2	0.1	5	WKL	
MO-HUE	2018/19-5	Dry	5/8/2019 12:15:00 PM	6/3/2019 10:13:00 PM	Bis(2-ethylhexyl)phthalate	n/a	<	12	µg/L	EPA 625	12	25	WKL	
MO-HUE	2018/19-5	Dry	5/8/2019 12:15:00 PM	5/15/2019 5:34:00 AM	Bis(2-ethylhexyl)phthalate	n/a	<	1.1	µg/L	EPA 525.2	1.1	3	WKL	
MO-HUE	2018/19-5	Dry	5/8/2019 12:15:00 PM	6/3/2019 10:13:00 PM	Butyl benzyl phthalate	n/a	<	0.9	µg/L	EPA 625	0.9	5	WKL	
MO-HUE	2018/19-5	Dry	5/8/2019 12:15:00 PM	6/3/2019 10:13:00 PM	Chrysene	n/a	<	0.95	µg/L	EPA 625	0.95	5	WKL	
MO-HUE	2018/19-5	Dry	5/8/2019 12:15:00 PM	6/8/2019 5:42:00 AM	Chrysene	n/a	<	0.2	µg/L	EPA 8270C	0.2	0.2	WKL	
MO-HUE	2018/19-5	Dry	5/8/2019 12:15:00 PM	6/3/2019 10:13:00 PM	Dibenz(a,h)anthracene	n/a	<	0.4	µg/L	EPA 625	0.4	10	WKL	

Appendix G
Laboratory Environmental Analysis Results

Site ID	Event	Event Type	Sample Date	Analysis Date	Constituent	Fraction	Sign	Result	Units	Method	MDL	Reporting Limit	Analyzing Laboratory	Qualifier
MO-HUE	2018/19-5	Dry	5/8/2019 12:15:00 PM	6/8/2019 5:42:00 AM	Dibenz(a,h)anthracene	n/a	<	0.2	µg/L	EPA 8270C	0.2	0.2	WKL	
MO-HUE	2018/19-5	Dry	5/8/2019 12:15:00 PM	6/3/2019 10:13:00 PM	Diethyl phthalate	n/a	<	0.75	µg/L	EPA 625	0.75	5	WKL	
MO-HUE	2018/19-5	Dry	5/8/2019 12:15:00 PM	6/3/2019 10:13:00 PM	Dimethyl phthalate	n/a	DNQ	1.5	µg/L	EPA 625	0.9	5	WKL	
MO-HUE	2018/19-5	Dry	5/8/2019 12:15:00 PM	6/3/2019 10:13:00 PM	Di-n-butylphthalate	n/a	<	1.2	µg/L	EPA 625	1.2	5	WKL	
MO-HUE	2018/19-5	Dry	5/8/2019 12:15:00 PM	6/3/2019 10:13:00 PM	Di-n-octylphthalate	n/a	<	0.95	µg/L	EPA 625	0.95	5	WKL	
MO-HUE	2018/19-5	Dry	5/8/2019 12:15:00 PM	6/3/2019 10:13:00 PM	Fluoranthene	n/a	<	1.1	µg/L	EPA 625	1.1	5	WKL	
MO-HUE	2018/19-5	Dry	5/8/2019 12:15:00 PM	6/8/2019 5:42:00 AM	Fluoranthene	n/a	<	0.2	µg/L	EPA 8270C	0.2	0.2	WKL	
MO-HUE	2018/19-5	Dry	5/8/2019 12:15:00 PM	6/3/2019 10:13:00 PM	Fluorene	n/a	<	1.8	µg/L	EPA 625	1.8	5	WKL	
MO-HUE	2018/19-5	Dry	5/8/2019 12:15:00 PM	6/8/2019 5:42:00 AM	Fluorene	n/a	<	0.2	µg/L	EPA 8270C	0.2	0.2	WKL	
MO-HUE	2018/19-5	Dry	5/8/2019 12:15:00 PM	6/3/2019 10:13:00 PM	Hexachlorobenzene	n/a	<	2.4	µg/L	EPA 625	2.4	5	WKL	
MO-HUE	2018/19-5	Dry	5/8/2019 12:15:00 PM	6/3/2019 10:13:00 PM	Hexachlorobutadiene	n/a	<	2.4	µg/L	EPA 625	2.4	5	WKL	
MO-HUE	2018/19-5	Dry	5/8/2019 12:15:00 PM	6/3/2019 10:13:00 PM	Hexachlorocyclopentadiene	n/a	<	7.3	µg/L	EPA 625	7.3	25	WKL	
MO-HUE	2018/19-5	Dry	5/8/2019 12:15:00 PM	6/3/2019 10:13:00 PM	Hexachloroethane	n/a	<	2.6	µg/L	EPA 625	2.6	5	WKL	
MO-HUE	2018/19-5	Dry	5/8/2019 12:15:00 PM	6/8/2019 5:42:00 AM	Indeno(1,2,3-cd)pyrene	n/a	<	0.2	µg/L	EPA 8270C	0.2	0.2	WKL	
MO-HUE	2018/19-5	Dry	5/8/2019 12:15:00 PM	6/3/2019 10:13:00 PM	Indeno(1,2,3-cd)pyrene	n/a	<	0.6	µg/L	EPA 625	0.6	10	WKL	
MO-HUE	2018/19-5	Dry	5/8/2019 12:15:00 PM	6/3/2019 10:13:00 PM	Isophorone	n/a	<	1	µg/L	EPA 625	1	5	WKL	
MO-HUE	2018/19-5	Dry	5/8/2019 12:15:00 PM	5/10/2019 4:34:00 PM	Methyl tert-butyl ether (MTBE)	n/a	<	0.25	µg/L	EPA 624	0.25	1	WKL	
MO-HUE	2018/19-5	Dry	5/8/2019 12:15:00 PM	6/3/2019 10:13:00 PM	Naphthalene	n/a	<	2.4	µg/L	EPA 625	2.4	5	WKL	
MO-HUE	2018/19-5	Dry	5/8/2019 12:15:00 PM	6/8/2019 5:42:00 AM	Naphthalene	n/a	<	0.2	µg/L	EPA 8270C	0.2	0.2	WKL	
MO-HUE	2018/19-5	Dry	5/8/2019 12:15:00 PM	6/3/2019 10:13:00 PM	Nitrobenzene	n/a	<	1.8	µg/L	EPA 625	1.8	5	WKL	
MO-HUE	2018/19-5	Dry	5/8/2019 12:15:00 PM	6/3/2019 10:13:00 PM	N-Nitrosodimethylamine	n/a	<	0.7	µg/L	EPA 625	0.7	5	WKL	
MO-HUE	2018/19-5	Dry	5/8/2019 12:15:00 PM	6/3/2019 10:13:00 PM	N-Nitrosodi-N-propylamine	n/a	<	1.3	µg/L	EPA 625	1.3	5	WKL	
MO-HUE	2018/19-5	Dry	5/8/2019 12:15:00 PM	6/3/2019 10:13:00 PM	N-Nitrosodiphenylamine	n/a	<	0.95	µg/L	EPA 625	0.95	5	WKL	
MO-HUE	2018/19-5	Dry	5/8/2019 12:15:00 PM	6/8/2019 5:42:00 AM	Phenanthrene	n/a	<	0.2	µg/L	EPA 8270C	0.2	0.2	WKL	
MO-HUE	2018/19-5	Dry	5/8/2019 12:15:00 PM	6/3/2019 10:13:00 PM	Phenanthrene	n/a	<	1.6	µg/L	EPA 625	1.6	5	WKL	
MO-HUE	2018/19-5	Dry	5/8/2019 12:15:00 PM	6/3/2019 10:13:00 PM	Phenol	n/a	<	0.8	µg/L	EPA 625	0.8	5	WKL	
MO-HUE	2018/19-5	Dry	5/8/2019 12:15:00 PM	5/22/2019 2:32:00 AM	Phenol	n/a	<	0.7	µg/L	EPA 8270C	0.7	2	WKL	
MO-HUE	2018/19-5	Dry	5/8/2019 12:15:00 PM	6/3/2019 10:13:00 PM	Pyrene	n/a	<	1.2	µg/L	EPA 625	1.2	5	WKL	
MO-HUE	2018/19-5	Dry	5/8/2019 12:15:00 PM	6/8/2019 5:42:00 AM	Pyrene	n/a	<	0.2	µg/L	EPA 8270C	0.2	0.2	WKL	
MO-HUE	2018/19-5	Dry	5/8/2019 12:15:00 PM	5/15/2019 2:51:00 AM	PCB Aroclor 1016	n/a	<	0.5	µg/L	EPA 608	0.5	5	WKL	
MO-HUE	2018/19-5	Dry	5/8/2019 12:15:00 PM	5/15/2019 2:51:00 AM	PCB Aroclor 1221	n/a	<	0.6	µg/L	EPA 608	0.6	5	WKL	
MO-HUE	2018/19-5	Dry	5/8/2019 12:15:00 PM	5/15/2019 2:51:00 AM	PCB Aroclor 1232	n/a	<	1.5	µg/L	EPA 608	1.5	5	WKL	
MO-HUE	2018/19-5	Dry	5/8/2019 12:15:00 PM	5/15/2019 2:51:00 AM	PCB Aroclor 1242	n/a	<	0.7	µg/L	EPA 608	0.7	5	WKL	
MO-HUE	2018/19-5	Dry	5/8/2019 12:15:00 PM	5/15/2019 2:51:00 AM	PCB Aroclor 1248	n/a	<	0.6	µg/L	EPA 608	0.6	5	WKL	
MO-HUE	2018/19-5	Dry	5/8/2019 12:15:00 PM	5/15/2019 2:51:00 AM	PCB Aroclor 1254	n/a	<	0.4	µg/L	EPA 608	0.4	5	WKL	
MO-HUE	2018/19-5	Dry	5/8/2019 12:15:00 PM	5/15/2019 2:51:00 AM	PCB Aroclor 1260	n/a	<	0.4	µg/L	EPA 608	0.4	5	WKL	
MO-HUE	2018/19-5	Dry	5/8/2019 12:15:00 PM	5/16/2019 6:26:00 AM	2,4,5-T	n/a	<	0.07	µg/L	EPA 515.4	0.07	0.2	WKL	
MO-HUE	2018/19-5	Dry	5/8/2019 12:15:00 PM	5/16/2019 6:26:00 AM	2,4,5-TP	n/a	<	0.09	µg/L	EPA 515.4	0.09	0.2	WKL	
MO-HUE	2018/19-5	Dry	5/8/2019 12:15:00 PM	5/16/2019 6:26:00 AM	2,4-D	n/a	<	0.07	µg/L	EPA 515.4	0.07	0.4	WKL	
MO-HUE	2018/19-5	Dry	5/8/2019 12:15:00 PM	5/16/2019 6:26:00 AM	2,4-DB	n/a	<	0.07	µg/L	EPA 515.4	0.07	2	WKL	
MO-HUE	2018/19-5	Dry	5/8/2019 12:15:00 PM	5/16/2019 6:26:00 AM	3,5-Dichlorobenzoic acid	n/a	<	0.09	µg/L	EPA 515.4	0.09	1	WKL	
MO-HUE	2018/19-5	Dry	5/8/2019 12:15:00 PM	5/15/2019 2:51:00 AM	4,4'-DDD	n/a	<	0.03	µg/L	EPA 608	0.03	0.5	WKL	
MO-HUE	2018/19-5	Dry	5/8/2019 12:15:00 PM	5/15/2019 2:51:00 AM	4,4'-DDE	n/a	<	0.025	µg/L	EPA 608	0.025	0.5	WKL	
MO-HUE	2018/19-5	Dry	5/8/2019 12:15:00 PM	5/15/2019 2:51:00 AM	4,4'-DDT	n/a	<	0.031	µg/L	EPA 608	0.031	0.1	WKL	
MO-HUE	2018/19-5	Dry	5/8/2019 12:15:00 PM	5/16/2019 6:26:00 AM	Acifluorfen	n/a	<	0.06	µg/L	EPA 515.4	0.06	0.4	WKL	
MO-HUE	2018/19-5	Dry	5/8/2019 12:15:00 PM	5/15/2019 2:51:00 AM	Alachlor	n/a	<	0.022	µg/L	EPA 525.2	0.022	0.1	WKL	
MO-HUE	2018/19-5	Dry	5/8/2019 12:15:00 PM	5/15/2019 2:51:00 AM	Aldrin	n/a	<	0.015	µg/L	EPA 608	0.015	0.05	WKL	
MO-HUE	2018/19-5	Dry	5/8/2019 12:15:00 PM	5/15/2019 2:51:00 AM	alpha-BHC	n/a	<	0.018	µg/L	EPA 608	0.018	0.1	WKL	

Appendix G
Laboratory Environmental Analysis Results

Site ID	Event	Event Type	Sample Date	Analysis Date	Constituent	Fraction	Sign	Result	Units	Method	MDL	Reporting Limit	Analyzing Laboratory	Qualifier
MO-HUE	2018/19-5	Dry	5/8/2019 12:15:00 PM	5/15/2019 2:51:00 AM	alpha-Chlordane	n/a	<	0.041	µg/L	EPA 608	0.041	0.1	WKL	
MO-HUE	2018/19-5	Dry	5/8/2019 12:15:00 PM	5/15/2019 5:34:00 AM	Atrazine	n/a	DNQ	0.055	µg/L	EPA 525.2	0.034	0.1	WKL	
MO-HUE	2018/19-5	Dry	5/8/2019 12:15:00 PM	5/22/2019 11:58:00 AM	Azinphos methyl	n/a	<	0.0055	µg/L	EPA 525.2m	0.0055	0.01	WKL	
MO-HUE	2018/19-5	Dry	5/8/2019 12:15:00 PM	5/16/2019 6:26:00 AM	Bentazon	n/a	<	0.11	µg/L	EPA 515.4	0.11	2	WKL	
MO-HUE	2018/19-5	Dry	5/8/2019 12:15:00 PM	5/15/2019 2:51:00 AM	beta-BHC	n/a	<	0.031	µg/L	EPA 608	0.031	0.05	WKL	
MO-HUE	2018/19-5	Dry	5/8/2019 12:15:00 PM	5/22/2019 11:58:00 AM	Bolstar	n/a	<	0.0046	µg/L	EPA 525.2m	0.0046	0.01	WKL	
MO-HUE	2018/19-5	Dry	5/8/2019 12:15:00 PM	5/15/2019 5:34:00 AM	Bromacil	n/a	<	0.038	µg/L	EPA 525.2	0.038	1	WKL	
MO-HUE	2018/19-5	Dry	5/8/2019 12:15:00 PM	5/15/2019 5:34:00 AM	Butachlor	n/a	<	0.017	µg/L	EPA 525.2	0.017	0.2	WKL	
MO-HUE	2018/19-5	Dry	5/8/2019 12:15:00 PM	5/15/2019 5:34:00 AM	Captan	n/a	<	0.86	µg/L	EPA 525.2	0.86	1	WKL	
MO-HUE	2018/19-5	Dry	5/8/2019 12:15:00 PM	5/15/2019 2:51:00 AM	Chlordane (technical)	n/a	<	0.8	µg/L	EPA 608	0.8	1	WKL	
MO-HUE	2018/19-5	Dry	5/8/2019 12:15:00 PM	5/15/2019 5:34:00 AM	Chlorpropham	n/a	<	0.01	µg/L	EPA 525.2	0.01	0.1	WKL	
MO-HUE	2018/19-5	Dry	5/8/2019 12:15:00 PM	5/22/2019 11:58:00 AM	Chlorpyrifos	n/a	<	0.0069	µg/L	EPA 525.2m	0.0069	0.01	WKL	
MO-HUE	2018/19-5	Dry	5/8/2019 12:15:00 PM	5/22/2019 11:58:00 AM	Coumaphos	n/a	<	0.0051	µg/L	EPA 525.2m	0.0051	0.01	WKL	
MO-HUE	2018/19-5	Dry	5/8/2019 12:15:00 PM	5/15/2019 5:34:00 AM	Cyanazine	n/a	<	0.024	µg/L	EPA 525.2	0.024	0.1	WKL	
MO-HUE	2018/19-5	Dry	5/8/2019 12:15:00 PM	5/16/2019 6:26:00 AM	Dalapon	n/a	<	0.1	µg/L	EPA 515.4	0.1	0.4	WKL	
MO-HUE	2018/19-5	Dry	5/8/2019 12:15:00 PM	5/16/2019 6:26:00 AM	DCPA (Dacthal)	n/a	=	0.2	µg/L	EPA 515.4	0.07	0.1	WKL	
MO-HUE	2018/19-5	Dry	5/8/2019 12:15:00 PM	5/15/2019 2:51:00 AM	delta-BHC	n/a	<	0.025	µg/L	EPA 608	0.025	0.05	WKL	
MO-HUE	2018/19-5	Dry	5/8/2019 12:15:00 PM	5/22/2019 11:58:00 AM	Demeton-O	n/a	<	0.01	µg/L	EPA 525.2m	0.01	0.01	WKL	
MO-HUE	2018/19-5	Dry	5/8/2019 12:15:00 PM	5/22/2019 11:58:00 AM	Demeton-S	n/a	<	0.01	µg/L	EPA 525.2m	0.01	0.01	WKL	
MO-HUE	2018/19-5	Dry	5/8/2019 12:15:00 PM	5/15/2019 5:34:00 AM	Diazinon	n/a	<	0.096	µg/L	EPA 525.2	0.096	0.1	WKL	
MO-HUE	2018/19-5	Dry	5/8/2019 12:15:00 PM	5/22/2019 11:58:00 AM	Diazinon	n/a	<	0.0052	µg/L	EPA 525.2m	0.0052	0.01	WKL	
MO-HUE	2018/19-5	Dry	5/8/2019 12:15:00 PM	5/16/2019 6:26:00 AM	Dicamba	n/a	<	0.12	µg/L	EPA 515.4	0.12	0.6	WKL	
MO-HUE	2018/19-5	Dry	5/8/2019 12:15:00 PM	5/16/2019 6:26:00 AM	Dichlorprop	n/a	<	0.08	µg/L	EPA 515.4	0.08	0.3	WKL	
MO-HUE	2018/19-5	Dry	5/8/2019 12:15:00 PM	5/22/2019 11:58:00 AM	Dichlorvos	n/a	<	0.0029	µg/L	EPA 525.2m	0.0029	0.01	WKL	
MO-HUE	2018/19-5	Dry	5/8/2019 12:15:00 PM	5/15/2019 2:51:00 AM	Dieldrin	n/a	<	0.021	µg/L	EPA 608	0.021	0.1	WKL	
MO-HUE	2018/19-5	Dry	5/8/2019 12:15:00 PM	5/15/2019 5:34:00 AM	Dimethoate	n/a	<	0.024	µg/L	EPA 525.2	0.024	0.2	WKL	
MO-HUE	2018/19-5	Dry	5/8/2019 12:15:00 PM	5/22/2019 11:58:00 AM	Dimethoate	n/a	<	0.0062	µg/L	EPA 525.2m	0.0062	0.01	WKL	
MO-HUE	2018/19-5	Dry	5/8/2019 12:15:00 PM	5/16/2019 6:26:00 AM	Dinoseb	n/a	<	0.14	µg/L	EPA 515.4	0.14	0.4	WKL	
MO-HUE	2018/19-5	Dry	5/8/2019 12:15:00 PM	5/15/2019 5:34:00 AM	Diphenamid	n/a	<	0.024	µg/L	EPA 525.2	0.024	0.1	WKL	
MO-HUE	2018/19-5	Dry	5/8/2019 12:15:00 PM	5/22/2019 11:58:00 AM	Disulfoton	n/a	<	0.01	µg/L	EPA 525.2m	0.01	0.01	WKL	
MO-HUE	2018/19-5	Dry	5/8/2019 12:15:00 PM	5/15/2019 5:34:00 AM	Disulfoton	n/a	<	0.031	µg/L	EPA 525.2	0.031	0.1	WKL	
MO-HUE	2018/19-5	Dry	5/8/2019 12:15:00 PM	5/15/2019 2:51:00 AM	Endosulfan I	n/a	<	0.017	µg/L	EPA 608	0.017	0.2	WKL	
MO-HUE	2018/19-5	Dry	5/8/2019 12:15:00 PM	5/15/2019 2:51:00 AM	Endosulfan II	n/a	<	0.019	µg/L	EPA 608	0.019	0.1	WKL	
MO-HUE	2018/19-5	Dry	5/8/2019 12:15:00 PM	5/15/2019 2:51:00 AM	Endosulfan sulfate	n/a	<	0.08	µg/L	EPA 608	0.08	0.5	WKL	
MO-HUE	2018/19-5	Dry	5/8/2019 12:15:00 PM	5/15/2019 2:51:00 AM	Endrin	n/a	<	0.028	µg/L	EPA 608	0.028	0.1	WKL	
MO-HUE	2018/19-5	Dry	5/8/2019 12:15:00 PM	5/15/2019 2:51:00 AM	Endrin aldehyde	n/a	<	0.03	µg/L	EPA 608	0.03	0.1	WKL	
MO-HUE	2018/19-5	Dry	5/8/2019 12:15:00 PM	5/15/2019 5:34:00 AM	EPTC	n/a	<	0.017	µg/L	EPA 525.2	0.017	1	WKL	
MO-HUE	2018/19-5	Dry	5/8/2019 12:15:00 PM	5/22/2019 11:58:00 AM	Ethoprop	n/a	<	0.0067	µg/L	EPA 525.2m	0.0067	0.01	WKL	
MO-HUE	2018/19-5	Dry	5/8/2019 12:15:00 PM	5/22/2019 11:58:00 AM	Ethyl parathion	n/a	<	0.0054	µg/L	EPA 525.2m	0.0054	0.01	WKL	
MO-HUE	2018/19-5	Dry	5/8/2019 12:15:00 PM	5/22/2019 11:58:00 AM	Fensulfothion	n/a	<	0.0029	µg/L	EPA 525.2m	0.0029	0.01	WKL	
MO-HUE	2018/19-5	Dry	5/8/2019 12:15:00 PM	5/22/2019 11:58:00 AM	Fenthion	n/a	<	0.0038	µg/L	EPA 525.2m	0.0038	0.01	WKL	
MO-HUE	2018/19-5	Dry	5/8/2019 12:15:00 PM	5/15/2019 2:51:00 AM	gamma-BHC (Lindane)	n/a	<	0.021	µg/L	EPA 608	0.021	0.2	WKL	
MO-HUE	2018/19-5	Dry	5/8/2019 12:15:00 PM	5/15/2019 2:51:00 AM	gamma-Chlordane	n/a	<	0.044	µg/L	EPA 608	0.044	0.1	WKL	
MO-HUE	2018/19-5	Dry	5/8/2019 12:15:00 PM	5/9/2019 10:43:00 PM	Glyphosate	n/a	<	1.8	µg/L	EPA 547	1.8	5	WKL	
MO-HUE	2018/19-5	Dry	5/8/2019 12:15:00 PM	5/15/2019 2:51:00 AM	Heptachlor	n/a	<	0.017	µg/L	EPA 608	0.017	0.1	WKL	
MO-HUE	2018/19-5	Dry	5/8/2019 12:15:00 PM	5/15/2019 2:51:00 AM	Heptachlor epoxide	n/a	<	0.019	µg/L	EPA 608	0.019	0.1	WKL	
MO-HUE	2018/19-5	Dry	5/8/2019 12:15:00 PM	5/22/2019 11:58:00 AM	Malathion	n/a	<	0.0076	µg/L	EPA 525.2m	0.0076	0.01	WKL	
MO-HUE	2018/19-5	Dry	5/8/2019 12:15:00 PM	5/22/2019 11:58:00 AM	Merphos	n/a	<	0.0058	µg/L	EPA 525.2m	0.0058	0.01	WKL	

Appendix G
Laboratory Environmental Analysis Results

Site ID	Event	Event Type	Sample Date	Analysis Date	Constituent	Fraction	Sign	Result	Units	Method	MDL	Reporting Limit	Analyzing Laboratory	Qualifier
MO-HUE	2018/19-5	Dry	5/8/2019 12:15:00 PM	5/15/2019 2:51:00 AM	Methoxychlor	n/a	<	0.054	µg/L	EPA 608	0.054	0.2	WKL	
MO-HUE	2018/19-5	Dry	5/8/2019 12:15:00 PM	5/22/2019 11:58:00 AM	Methyl parathion	n/a	<	0.0063	µg/L	EPA 525.2m	0.0063	0.01	WKL	
MO-HUE	2018/19-5	Dry	5/8/2019 12:15:00 PM	5/15/2019 5:34:00 AM	Metolachlor	n/a	<	0.012	µg/L	EPA 525.2	0.012	0.1	WKL	
MO-HUE	2018/19-5	Dry	5/8/2019 12:15:00 PM	5/15/2019 5:34:00 AM	Metribuzin	n/a	<	0.015	µg/L	EPA 525.2	0.015	0.1	WKL	
MO-HUE	2018/19-5	Dry	5/8/2019 12:15:00 PM	5/22/2019 11:58:00 AM	Mevinphos	n/a	<	0.0042	µg/L	EPA 525.2m	0.0042	0.01	WKL	
MO-HUE	2018/19-5	Dry	5/8/2019 12:15:00 PM	5/15/2019 5:34:00 AM	Molinate	n/a	<	0.039	µg/L	EPA 525.2	0.039	0.1	WKL	
MO-HUE	2018/19-5	Dry	5/8/2019 12:15:00 PM	5/22/2019 11:58:00 AM	Naled	n/a	<	0.0076	µg/L	EPA 525.2m	0.0076	0.01	WKL	
MO-HUE	2018/19-5	Dry	5/8/2019 12:15:00 PM	5/16/2019 6:26:00 AM	Pentachlorophenol	n/a	<	0.04	µg/L	EPA 515.4	0.04	0.2	WKL	
MO-HUE	2018/19-5	Dry	5/8/2019 12:15:00 PM	5/22/2019 2:32:00 AM	Pentachlorophenol	n/a	<	0.3	µg/L	EPA 8270C	0.3	2	WKL	
MO-HUE	2018/19-5	Dry	5/8/2019 12:15:00 PM	6/3/2019 10:13:00 PM	Pentachlorophenol	n/a	<	0.95	µg/L	EPA 625	0.95	5	WKL	
MO-HUE	2018/19-5	Dry	5/8/2019 12:15:00 PM	5/22/2019 11:58:00 AM	Phorate	n/a	<	0.003	µg/L	EPA 525.2m	0.003	0.01	WKL	
MO-HUE	2018/19-5	Dry	5/8/2019 12:15:00 PM	5/16/2019 6:26:00 AM	Picloram	n/a	<	0.05	µg/L	EPA 515.4	0.05	0.6	WKL	
MO-HUE	2018/19-5	Dry	5/8/2019 12:15:00 PM	5/15/2019 5:34:00 AM	Prometon	n/a	<	0.024	µg/L	EPA 525.2	0.024	0.2	WKL	
MO-HUE	2018/19-5	Dry	5/8/2019 12:15:00 PM	5/15/2019 5:34:00 AM	Prometryn	n/a	<	0.036	µg/L	EPA 525.2	0.036	0.1	WKL	
MO-HUE	2018/19-5	Dry	5/8/2019 12:15:00 PM	5/22/2019 11:58:00 AM	Ronnel (Fenchlorphos)	n/a	<	0.0041	µg/L	EPA 525.2m	0.0041	0.01	WKL	
MO-HUE	2018/19-5	Dry	5/8/2019 12:15:00 PM	5/15/2019 5:34:00 AM	Simazine	n/a	<	0.015	µg/L	EPA 525.2	0.015	0.1	WKL	
MO-HUE	2018/19-5	Dry	5/8/2019 12:15:00 PM	5/22/2019 11:58:00 AM	Stirophos (Tetrachlorvinphos)	n/a	<	0.0031	µg/L	EPA 525.2m	0.0031	0.01	WKL	
MO-HUE	2018/19-5	Dry	5/8/2019 12:15:00 PM	5/15/2019 5:34:00 AM	Terbacil	n/a	<	0.55	µg/L	EPA 525.2	0.55	2	WKL	
MO-HUE	2018/19-5	Dry	5/8/2019 12:15:00 PM	5/15/2019 5:34:00 AM	Thiobencarb	n/a	<	0.025	µg/L	EPA 525.2	0.025	0.2	WKL	
MO-HUE	2018/19-5	Dry	5/8/2019 12:15:00 PM	5/22/2019 11:58:00 AM	Tokuthion	n/a	<	0.0078	µg/L	EPA 525.2m	0.0078	0.01	WKL	
MO-HUE	2018/19-5	Dry	5/8/2019 12:15:00 PM	5/15/2019 2:51:00 AM	Toxaphene	n/a	<	1.2	µg/L	EPA 608	1.2	5	WKL	
MO-HUE	2018/19-5	Dry	5/8/2019 12:15:00 PM	5/22/2019 11:58:00 AM	Trichloronate	n/a	<	0.0067	µg/L	EPA 525.2m	0.0067	0.01	WKL	
MO-HUE	2018/19-5	Dry	5/8/2019 12:15:00 PM	5/15/2019 5:34:00 AM	Trithion	n/a	<	0.012	µg/L	EPA 525.2	0.012	0.1	WKL	
MO-MEI	2018/19-1	Wet	11/22/2018 12:20:00 AM	11/22/2018 9:00:00 PM	E. Coli	n/a	=	92080	MPN/100 mL	MMO-MUG	100	100	VCHCA	
MO-MEI	2018/19-1	Wet	11/22/2018 12:20:00 AM	11/22/2018 9:00:00 PM	Total Coliform	n/a	=	686700	MPN/100 mL	MMO-MUG	1000	1000	VCHCA	
MO-MEI	2018/19-1	Wet	11/22/2018 12:20:00 AM	11/22/2018 12:20:00 AM	Conductivity	n/a	=	152.1	µmhos/cm	Field Meter	-88	1	Field Crew	
MO-MEI	2018/19-1	Wet	11/22/2018 12:20:00 AM	12/6/2018 6:55:00 PM	Cyanide	Total	=	0.0053	mg/L	ASTM D7511	0.001	0.004	WKL	
MO-MEI	2018/19-1	Wet	11/22/2018 12:20:00 AM	11/22/2018 12:20:00 AM	DO	n/a	=	7.62	mg/L	Field Meter	-88	0.3	Field Crew	
MO-MEI	2018/19-1	Wet	11/22/2018 12:20:00 AM	11/22/2018 12:20:00 AM	DO	n/a	=	82.7	%	Field Meter	-88	0.1	Field Crew	
MO-MEI	2018/19-1	Wet	11/22/2018 12:20:00 AM	11/22/2018 12:20:00 AM	pH	n/a	=	7.2	pH Units	Field Meter	-88	0.01	Field Crew	
MO-MEI	2018/19-1	Wet	11/22/2018 12:20:00 AM	11/22/2018 12:20:00 AM	Salinity	n/a	=	100	mg/L	Field Meter	-88	100	Field Crew	
MO-MEI	2018/19-1	Wet	11/22/2018 12:20:00 AM	11/22/2018 12:20:00 AM	Specific Conductance	n/a	=	186.9	µmhos/cm	Field Meter	-88	1	Field Crew	
MO-MEI	2018/19-1	Wet	11/22/2018 12:20:00 AM	11/22/2018 12:20:00 AM	Temperature	n/a	=	15.3	°C	Field Meter	-88	0.1	Field Crew	
MO-MEI	2018/19-1	Wet	11/22/2018 12:20:00 AM	11/30/2018 6:26:00 PM	Gasoline Range Organics	n/a	<	0.012	mg/L	LUFT GC/MS	0.012	0.1	WKL	
MO-MEI	2018/19-1	Wet	11/22/2018 12:20:00 AM	12/4/2018 9:18:00 AM	Oil and Grease	n/a	<	1.3	mg/L	EPA 1664A	1.3	5	WKL	
MO-MEI	2018/19-1	Wet	11/22/2018 12:20:00 AM	11/26/2018 8:39:00 PM	2-Chloroethyl vinyl ether	n/a	<	0.28	µg/L	EPA 624	0.28	1	WKL	
MO-MEI	2018/19-1	Wet	11/22/2018 12:20:00 AM	11/26/2018 8:39:00 PM	Methyl tert-butyl ether (MTBE)	n/a	<	0.25	µg/L	EPA 624	0.25	1	WKL	
MO-MEI	2018/19-1	Wet	11/22/2018 9:50:00 AM	11/26/2018 10:00:00 PM	Chloride	n/a	=	19	mg/L	EPA 300.0	0.1	0.5	WKL	
MO-MEI	2018/19-1	Wet	11/22/2018 9:50:00 AM	11/29/2018 10:00:00 AM	Fluoride	n/a	=	0.22	mg/L	EPA 300.0	0.04	0.2	WKL	
MO-MEI	2018/19-1	Wet	11/22/2018 9:50:00 AM	11/29/2018 4:32:00 PM	Perchlorate	n/a	<	0.95	µg/L	EPA 314.0	0.95	2	WKL	
MO-MEI	2018/19-1	Wet	11/22/2018 9:50:00 AM	11/26/2018 10:00:00 PM	Sulfate	Total	=	25	mg/L	EPA 300.0	0.1	0.5	WKL	
MO-MEI	2018/19-1	Wet	11/22/2018 9:50:00 AM	11/26/2018 4:45:00 PM	Calcium	Total	=	27.9	mg/L	EPA 200.7	0.032	0.2	WKL	
MO-MEI	2018/19-1	Wet	11/22/2018 9:50:00 AM	11/26/2018 4:45:00 PM	Magnesium	Total	=	9.2	mg/L	EPA 200.7	0.024	0.2	WKL	
MO-MEI	2018/19-1	Wet	11/22/2018 9:50:00 AM	11/26/2018 4:45:00 PM	Potassium	Total	=	20	mg/L	EPA 200.7	0.16	0.2	WKL	
MO-MEI	2018/19-1	Wet	11/22/2018 9:50:00 AM	11/27/2018 1:43:00 PM	Sodium	Total	=	11	mg/L	EPA 200.7	0.03	1	WKL	
MO-MEI	2018/19-1	Wet	11/22/2018 9:50:00 AM	11/29/2018 9:30:00 PM	Alkalinity as CaCO3	n/a	=	63	mg/L	SM 2320 B	0.56	2	WKL	
MO-MEI	2018/19-1	Wet	11/22/2018 9:50:00 AM	11/28/2018 6:26:00 PM	BOD	n/a	=	120	mg/L	SM 5210 B	2	2	WKL	
MO-MEI	2018/19-1	Wet	11/22/2018 9:50:00 AM	11/27/2018 2:52:00 PM	COD	n/a	=	540	mg/L	EPA 410.4	0.73	5	WKL	

Appendix G
Laboratory Environmental Analysis Results

Site ID	Event	Event Type	Sample Date	Analysis Date	Constituent	Fraction	Sign	Result	Units	Method	MDL	Reporting Limit	Analyzing Laboratory	Qualifier
MO-MEI	2018/19-1	Wet	11/22/2018 9:50:00 AM	12/4/2018 2:24:00 PM	Dissolved Inorganic Carbon	Dissolved	=	13	mg/L	SM 5310 B	0.016	0.1	WKL	
MO-MEI	2018/19-1	Wet	11/22/2018 9:50:00 AM	12/3/2018 11:13:00 AM	Dissolved Organic Carbon	Dissolved	=	95	mg/L	SM 5310 B	0.013	0.3	WKL	
MO-MEI	2018/19-1	Wet	11/22/2018 9:50:00 AM	11/26/2018 4:45:00 PM	Hardness as CaCO3	Total	=	108	mg/L	EPA 200.7	0.179	1.32	WKL	
MO-MEI	2018/19-1	Wet	11/22/2018 9:50:00 AM	11/23/2018 6:32:00 PM	MBAS	n/a	=	0.77	mg/L	SM 5540 C	0.095	0.25	WKL	
MO-MEI	2018/19-1	Wet	11/22/2018 9:50:00 AM	12/4/2018 5:45:00 PM	Phenolics	n/a	=	0.44	mg/L	EPA 420.4	0.017	0.04	WKL	HB-LCSR
MO-MEI	2018/19-1	Wet	11/22/2018 9:50:00 AM	12/3/2018 12:52:00 PM	Specific Conductance	n/a	=	820	µmhos/cm	SM 2510 B	0.23	2	WKL	
MO-MEI	2018/19-1	Wet	11/22/2018 9:50:00 AM	11/27/2018 6:57:00 PM	Total Dissolved Solids	n/a	=	260	mg/L	SM 2540 C	4	10	WKL	
MO-MEI	2018/19-1	Wet	11/22/2018 9:50:00 AM	11/30/2018 12:03:00 PM	Total Organic Carbon	n/a	=	120	mg/L	SM 5310 B	0.016	0.1	WKL	
MO-MEI	2018/19-1	Wet	11/22/2018 9:50:00 AM	11/27/2018 2:15:00 PM	Total Suspended Solids	n/a	=	530	mg/L	SM 2540 D	-88	5	WKL	
MO-MEI	2018/19-1	Wet	11/22/2018 9:50:00 AM	11/23/2018 6:35:00 PM	Turbidity	n/a	=	240	NTU	EPA 180.1	0.96	4	WKL	
MO-MEI	2018/19-1	Wet	11/22/2018 9:50:00 AM	11/27/2018 2:15:00 PM	Volatile Suspended Solids	n/a	=	220	mg/L	EPA 160.4	3.1	5	WKL	
MO-MEI	2018/19-1	Wet	11/22/2018 9:50:00 AM	11/30/2018 8:26:00 PM	Diesel Range Organics	n/a	=	1.2	mg/L	EPA 8015D	0.12	0.5	WKL	
MO-MEI	2018/19-1	Wet	11/22/2018 9:50:00 AM	11/30/2018 8:26:00 PM	Oil Range Organics	n/a	<	1.6	mg/L	EPA 8015D	1.6	2.5	WKL	
MO-MEI	2018/19-1	Wet	11/22/2018 9:50:00 AM	11/29/2018 9:40:00 PM	Aluminum	Dissolved	=	110	µg/L	EPA 200.8	1.3	5	WKL	
MO-MEI	2018/19-1	Wet	11/22/2018 9:50:00 AM	11/29/2018 2:36:00 PM	Aluminum	Total	=	6600	µg/L	EPA 200.8	2.6	10	WKL	
MO-MEI	2018/19-1	Wet	11/22/2018 9:50:00 AM	11/29/2018 3:40:00 PM	Antimony	Dissolved	=	0.7	µg/L	EPA 200.8	0.045	0.5	WKL	
MO-MEI	2018/19-1	Wet	11/22/2018 9:50:00 AM	11/29/2018 2:36:00 PM	Antimony	Total	=	1.6	µg/L	EPA 200.8	0.09	1	WKL	
MO-MEI	2018/19-1	Wet	11/22/2018 9:50:00 AM	11/29/2018 3:40:00 PM	Arsenic	Dissolved	=	1.5	µg/L	EPA 200.8	0.074	0.4	WKL	
MO-MEI	2018/19-1	Wet	11/22/2018 9:50:00 AM	11/29/2018 2:36:00 PM	Arsenic	Total	=	3.3	µg/L	EPA 200.8	0.15	0.8	WKL	
MO-MEI	2018/19-1	Wet	11/22/2018 9:50:00 AM	11/29/2018 2:36:00 PM	Barium	Total	=	140	µg/L	EPA 200.8	0.14	1	WKL	
MO-MEI	2018/19-1	Wet	11/22/2018 9:50:00 AM	11/29/2018 3:40:00 PM	Beryllium	Dissolved	<	0.033	µg/L	EPA 200.8	0.033	0.1	WKL	
MO-MEI	2018/19-1	Wet	11/22/2018 9:50:00 AM	11/29/2018 2:36:00 PM	Beryllium	Total	=	0.3	µg/L	EPA 200.8	0.066	0.2	WKL	
MO-MEI	2018/19-1	Wet	11/22/2018 9:50:00 AM	11/29/2018 3:40:00 PM	Cadmium	Dissolved	DNQ	0.088	µg/L	EPA 200.8	0.041	0.1	WKL	
MO-MEI	2018/19-1	Wet	11/22/2018 9:50:00 AM	11/29/2018 2:36:00 PM	Cadmium	Total	=	0.52	µg/L	EPA 200.8	0.082	0.2	WKL	
MO-MEI	2018/19-1	Wet	11/22/2018 9:50:00 AM	11/29/2018 3:40:00 PM	Chromium	Dissolved	=	0.97	µg/L	EPA 200.8	0.035	0.2	WKL	
MO-MEI	2018/19-1	Wet	11/22/2018 9:50:00 AM	11/29/2018 2:36:00 PM	Chromium	Total	=	12	µg/L	EPA 200.8	0.07	0.4	WKL	
MO-MEI	2018/19-1	Wet	11/22/2018 9:50:00 AM	11/30/2018 10:36:00 PM	Chromium VI	n/a	<	0.096	µg/L	EPA 218.6	0.096	0.4	WKL	
MO-MEI	2018/19-1	Wet	11/22/2018 9:50:00 AM	11/29/2018 3:40:00 PM	Copper	Dissolved	=	25	µg/L	EPA 200.8	0.13	0.5	WKL	
MO-MEI	2018/19-1	Wet	11/22/2018 9:50:00 AM	11/29/2018 2:36:00 PM	Copper	Total	=	60	µg/L	EPA 200.8	0.26	1	WKL	
MO-MEI	2018/19-1	Wet	11/22/2018 9:50:00 AM	11/26/2018 4:08:00 PM	Iron	Dissolved	=	150	µg/L	EPA 200.7	1.1	10	WKL	
MO-MEI	2018/19-1	Wet	11/22/2018 9:50:00 AM	11/26/2018 4:45:00 PM	Iron	Total	=	8800	µg/L	EPA 200.7	2.2	20	WKL	
MO-MEI	2018/19-1	Wet	11/22/2018 9:50:00 AM	11/29/2018 3:40:00 PM	Lead	Dissolved	=	2.1	µg/L	EPA 200.8	0.031	0.2	WKL	
MO-MEI	2018/19-1	Wet	11/22/2018 9:50:00 AM	11/29/2018 2:36:00 PM	Lead	Total	=	19	µg/L	EPA 200.8	0.062	0.4	WKL	
MO-MEI	2018/19-1	Wet	11/22/2018 9:50:00 AM	11/28/2018 2:36:00 PM	Mercury	Dissolved	<	17	ng/L	EPA 245.1	17	50	WKL	
MO-MEI	2018/19-1	Wet	11/22/2018 9:50:00 AM	11/28/2018 2:38:00 PM	Mercury	Total	DNQ	43	ng/L	EPA 245.1	17	50	WKL	
MO-MEI	2018/19-1	Wet	11/22/2018 9:50:00 AM	11/29/2018 3:40:00 PM	Nickel	Dissolved	=	7.6	µg/L	EPA 200.8	0.045	0.8	WKL	
MO-MEI	2018/19-1	Wet	11/22/2018 9:50:00 AM	11/29/2018 2:36:00 PM	Nickel	Total	=	23	µg/L	EPA 200.8	0.09	1.6	WKL	
MO-MEI	2018/19-1	Wet	11/22/2018 9:50:00 AM	11/29/2018 3:40:00 PM	Selenium	Dissolved	DNQ	0.36	µg/L	EPA 200.8	0.14	0.4	WKL	
MO-MEI	2018/19-1	Wet	11/22/2018 9:50:00 AM	11/29/2018 2:36:00 PM	Selenium	Total	DNQ	0.54	µg/L	EPA 200.8	0.28	0.8	WKL	
MO-MEI	2018/19-1	Wet	11/22/2018 9:50:00 AM	11/29/2018 3:40:00 PM	Silver	Dissolved	<	0.062	µg/L	EPA 200.8	0.062	0.2	WKL	
MO-MEI	2018/19-1	Wet	11/22/2018 9:50:00 AM	11/29/2018 2:36:00 PM	Silver	Total	DNQ	0.15	µg/L	EPA 200.8	0.12	0.4	WKL	
MO-MEI	2018/19-1	Wet	11/22/2018 9:50:00 AM	11/29/2018 3:40:00 PM	Thallium	Dissolved	<	0.014	µg/L	EPA 200.8	0.014	0.2	WKL	
MO-MEI	2018/19-1	Wet	11/22/2018 9:50:00 AM	11/29/2018 2:36:00 PM	Thallium	Total	DNQ	0.068	µg/L	EPA 200.8	0.028	0.4	WKL	
MO-MEI	2018/19-1	Wet	11/22/2018 9:50:00 AM	11/29/2018 3:40:00 PM	Zinc	Dissolved	=	84	µg/L	EPA 200.8	0.94	5	WKL	
MO-MEI	2018/19-1	Wet	11/22/2018 9:50:00 AM	11/29/2018 2:36:00 PM	Zinc	Total	=	290	µg/L	EPA 200.8	1.9	10	WKL	
MO-MEI	2018/19-1	Wet	11/22/2018 9:50:00 AM	11/27/2018 4:38:00 PM	Ammonia as N	n/a	=	2.2	mg/L	EPA 350.1	0.048	0.1	WKL	
MO-MEI	2018/19-1	Wet	11/22/2018 9:50:00 AM	12/12/2018 6:05:00 PM	Nitrate + Nitrite as N	n/a	=	1.7	mg/L	EPA 353.2	0.083	0.2	WKL	
MO-MEI	2018/19-1	Wet	11/22/2018 9:50:00 AM	1/25/2019 2:25:00 PM	Phosphorus as P	Dissolved	=	1.5	mg/L	EPA 200.7	0.012	0.02	WKL	

Appendix G
Laboratory Environmental Analysis Results

Site ID	Event	Event Type	Sample Date	Analysis Date	Constituent	Fraction	Sign	Result	Units	Method	MDL	Reporting Limit	Analyzing Laboratory	Qualifier
MO-MEI	2018/19-1	Wet	11/22/2018 9:50:00 AM	1/25/2019 2:28:00 PM	Phosphorus as P	Total	=	2.7	mg/L	EPA 200.7	0.012	0.02	WKL	
MO-MEI	2018/19-1	Wet	11/22/2018 9:50:00 AM	11/29/2018 1:50:00 PM	TKN	n/a	=	6.7	mg/L	EPA 351.2	0.25	0.5	WKL	
MO-MEI	2018/19-1	Wet	11/22/2018 9:50:00 AM	12/28/2018 11:16:00 PM	1,2,4-Trichlorobenzene	n/a	<	2.8	µg/L	EPA 625	2.8	5	WKL	
MO-MEI	2018/19-1	Wet	11/22/2018 9:50:00 AM	12/28/2018 11:16:00 PM	1,2-Dichlorobenzene	n/a	<	2.8	µg/L	EPA 625	2.8	5	WKL	
MO-MEI	2018/19-1	Wet	11/22/2018 9:50:00 AM	12/28/2018 11:16:00 PM	1,2-Diphenylhydrazine	n/a	<	1.2	µg/L	EPA 625	1.2	5	WKL	
MO-MEI	2018/19-1	Wet	11/22/2018 9:50:00 AM	12/28/2018 11:16:00 PM	1,3-Dichlorobenzene	n/a	<	2.6	µg/L	EPA 625	2.6	5	WKL	
MO-MEI	2018/19-1	Wet	11/22/2018 9:50:00 AM	12/28/2018 11:16:00 PM	1,4-Dichlorobenzene	n/a	<	2.8	µg/L	EPA 625	2.8	5	WKL	
MO-MEI	2018/19-1	Wet	11/22/2018 9:50:00 AM	1/4/2019 5:39:00 AM	1-Methylnaphthalene	n/a	<	0.5	µg/L	EPA 8270C	0.5	0.5	WKL	
MO-MEI	2018/19-1	Wet	11/22/2018 9:50:00 AM	1/2/2019 7:57:00 PM	2,4,5-Trichlorophenol	n/a	<	1.4	µg/L	EPA 8270C	1.4	5	WKL	
MO-MEI	2018/19-1	Wet	11/22/2018 9:50:00 AM	12/28/2018 11:16:00 PM	2,4,6-Trichlorophenol	n/a	<	1.1	µg/L	EPA 625	1.1	5	WKL	
MO-MEI	2018/19-1	Wet	11/22/2018 9:50:00 AM	1/2/2019 7:57:00 PM	2,4,6-Trichlorophenol	n/a	<	1.5	µg/L	EPA 8270C	1.5	5	WKL	
MO-MEI	2018/19-1	Wet	11/22/2018 9:50:00 AM	12/28/2018 11:16:00 PM	2,4-Dichlorophenol	n/a	<	1.3	µg/L	EPA 625	1.3	5	WKL	
MO-MEI	2018/19-1	Wet	11/22/2018 9:50:00 AM	1/2/2019 7:57:00 PM	2,4-Dichlorophenol	n/a	<	2.6	µg/L	EPA 8270C	2.6	5	WKL	
MO-MEI	2018/19-1	Wet	11/22/2018 9:50:00 AM	12/28/2018 11:16:00 PM	2,4-Dimethylphenol	n/a	<	1.5	µg/L	EPA 625	1.5	5	WKL	
MO-MEI	2018/19-1	Wet	11/22/2018 9:50:00 AM	1/2/2019 7:57:00 PM	2,4-Dimethylphenol	n/a	<	5	µg/L	EPA 8270C	5	10	WKL	
MO-MEI	2018/19-1	Wet	11/22/2018 9:50:00 AM	12/28/2018 11:16:00 PM	2,4-Dinitrophenol	n/a	<	7.9	µg/L	EPA 625	7.9	50	WKL	
MO-MEI	2018/19-1	Wet	11/22/2018 9:50:00 AM	1/2/2019 7:57:00 PM	2,4-Dinitrophenol	n/a	<	5	µg/L	EPA 8270C	5	10	WKL	
MO-MEI	2018/19-1	Wet	11/22/2018 9:50:00 AM	12/28/2018 11:16:00 PM	2,4-Dinitrotoluene	n/a	<	0.9	µg/L	EPA 625	0.9	5	WKL	
MO-MEI	2018/19-1	Wet	11/22/2018 9:50:00 AM	12/28/2018 11:16:00 PM	2,6-Dinitrotoluene	n/a	<	1.4	µg/L	EPA 625	1.4	5	WKL	
MO-MEI	2018/19-1	Wet	11/22/2018 9:50:00 AM	12/28/2018 11:16:00 PM	2-Chloronaphthalene	n/a	<	2.2	µg/L	EPA 625	2.2	5	WKL	
MO-MEI	2018/19-1	Wet	11/22/2018 9:50:00 AM	1/2/2019 7:57:00 PM	2-Chlorophenol	n/a	<	3.2	µg/L	EPA 8270C	3.2	5	WKL	
MO-MEI	2018/19-1	Wet	11/22/2018 9:50:00 AM	12/28/2018 11:16:00 PM	2-Chlorophenol	n/a	<	1.4	µg/L	EPA 625	1.4	5	WKL	
MO-MEI	2018/19-1	Wet	11/22/2018 9:50:00 AM	1/4/2019 5:39:00 AM	2-Methylnaphthalene	n/a	<	0.5	µg/L	EPA 8270C	0.5	0.5	WKL	
MO-MEI	2018/19-1	Wet	11/22/2018 9:50:00 AM	1/2/2019 7:57:00 PM	2-Methylphenol	n/a	<	1.7	µg/L	EPA 8270C	1.7	5	WKL	
MO-MEI	2018/19-1	Wet	11/22/2018 9:50:00 AM	1/2/2019 7:57:00 PM	2-Nitrophenol	n/a	<	3.6	µg/L	EPA 8270C	3.6	5	WKL	
MO-MEI	2018/19-1	Wet	11/22/2018 9:50:00 AM	12/28/2018 11:16:00 PM	2-Nitrophenol	n/a	<	1.3	µg/L	EPA 625	1.3	5	WKL	
MO-MEI	2018/19-1	Wet	11/22/2018 9:50:00 AM	12/28/2018 11:16:00 PM	3,3'-Dichlorobenzidine	n/a	<	6	µg/L	EPA 625	6	25	WKL	
MO-MEI	2018/19-1	Wet	11/22/2018 9:50:00 AM	1/2/2019 7:57:00 PM	3-/4-Methylphenol	n/a	<	1.5	µg/L	EPA 8270C	1.5	5	WKL	
MO-MEI	2018/19-1	Wet	11/22/2018 9:50:00 AM	12/28/2018 11:16:00 PM	4,6-Dinitro-2-methylphenol	n/a	<	8.6	µg/L	EPA 625	8.6	25	WKL	
MO-MEI	2018/19-1	Wet	11/22/2018 9:50:00 AM	1/2/2019 7:57:00 PM	4,6-Dinitro-2-methylphenol	n/a	<	0.7	µg/L	EPA 8270C	0.7	5	WKL	
MO-MEI	2018/19-1	Wet	11/22/2018 9:50:00 AM	12/28/2018 11:16:00 PM	4-Bromophenyl phenyl ether	n/a	<	1.8	µg/L	EPA 625	1.8	5	WKL	
MO-MEI	2018/19-1	Wet	11/22/2018 9:50:00 AM	12/28/2018 11:16:00 PM	4-Chloro-3-methylphenol	n/a	<	1.2	µg/L	EPA 625	1.2	5	WKL	
MO-MEI	2018/19-1	Wet	11/22/2018 9:50:00 AM	1/2/2019 7:57:00 PM	4-Chloro-3-methylphenol	n/a	<	1.8	µg/L	EPA 8270C	1.8	5	WKL	
MO-MEI	2018/19-1	Wet	11/22/2018 9:50:00 AM	12/28/2018 11:16:00 PM	4-Chlorophenyl phenyl ether	n/a	<	2	µg/L	EPA 625	2	5	WKL	
MO-MEI	2018/19-1	Wet	11/22/2018 9:50:00 AM	1/2/2019 7:57:00 PM	4-Nitrophenol	n/a	<	5	µg/L	EPA 8270C	5	10	WKL	
MO-MEI	2018/19-1	Wet	11/22/2018 9:50:00 AM	12/28/2018 11:16:00 PM	4-Nitrophenol	n/a	<	2.2	µg/L	EPA 625	2.2	25	WKL	
MO-MEI	2018/19-1	Wet	11/22/2018 9:50:00 AM	1/4/2019 5:39:00 AM	Acenaphthene	n/a	<	0.5	µg/L	EPA 8270C	0.5	0.5	WKL	
MO-MEI	2018/19-1	Wet	11/22/2018 9:50:00 AM	12/28/2018 11:16:00 PM	Acenaphthene	n/a	<	1.9	µg/L	EPA 625	1.9	5	WKL	
MO-MEI	2018/19-1	Wet	11/22/2018 9:50:00 AM	12/28/2018 11:16:00 PM	Acenaphthylene	n/a	<	2	µg/L	EPA 625	2	5	WKL	
MO-MEI	2018/19-1	Wet	11/22/2018 9:50:00 AM	1/4/2019 5:39:00 AM	Acenaphthylene	n/a	<	0.5	µg/L	EPA 8270C	0.5	0.5	WKL	
MO-MEI	2018/19-1	Wet	11/22/2018 9:50:00 AM	12/28/2018 11:16:00 PM	Anthracene	n/a	<	1.7	µg/L	EPA 625	1.7	5	WKL	
MO-MEI	2018/19-1	Wet	11/22/2018 9:50:00 AM	1/4/2019 5:39:00 AM	Anthracene	n/a	<	0.5	µg/L	EPA 8270C	0.5	0.5	WKL	
MO-MEI	2018/19-1	Wet	11/22/2018 9:50:00 AM	12/28/2018 11:16:00 PM	Benz(a)anthracene	n/a	<	0.95	µg/L	EPA 625	0.95	5	WKL	
MO-MEI	2018/19-1	Wet	11/22/2018 9:50:00 AM	1/4/2019 5:39:00 AM	Benz(a)anthracene	n/a	<	0.5	µg/L	EPA 8270C	0.5	0.5	WKL	
MO-MEI	2018/19-1	Wet	11/22/2018 9:50:00 AM	12/28/2018 11:16:00 PM	Benzdine	n/a	<	18	µg/L	EPA 625	18	50	WKL	
MO-MEI	2018/19-1	Wet	11/22/2018 9:50:00 AM	1/4/2019 5:39:00 AM	Benzo(a)pyrene	n/a	<	0.5	µg/L	EPA 8270C	0.5	0.5	WKL	
MO-MEI	2018/19-1	Wet	11/22/2018 9:50:00 AM	12/14/2018 4:44:00 AM	Benzo(a)pyrene	n/a	DNQ	0.17	µg/L	EPA 525.2	0.14	0.2	WKL	
MO-MEI	2018/19-1	Wet	11/22/2018 9:50:00 AM	12/28/2018 11:16:00 PM	Benzo(a)pyrene	n/a	<	0.65	µg/L	EPA 625	0.65	5	WKL	

Appendix G
Laboratory Environmental Analysis Results

Site ID	Event	Event Type	Sample Date	Analysis Date	Constituent	Fraction	Sign	Result	Units	Method	MDL	Reporting Limit	Analyzing Laboratory	Qualifier
MO-MEI	2018/19-1	Wet	11/22/2018 9:50:00 AM	12/28/2018 11:16:00 PM	Benzo(b)fluoranthene	n/a	<	0.7	µg/L	EPA 625	0.7	5	WKL	
MO-MEI	2018/19-1	Wet	11/22/2018 9:50:00 AM	1/4/2019 5:39:00 AM	Benzo(b)fluoranthene	n/a	<	0.5	µg/L	EPA 8270C	0.5	0.5	WKL	
MO-MEI	2018/19-1	Wet	11/22/2018 9:50:00 AM	12/28/2018 11:16:00 PM	Benzo(g,h,i)perylene	n/a	<	0.5	µg/L	EPA 625	0.5	10	WKL	
MO-MEI	2018/19-1	Wet	11/22/2018 9:50:00 AM	1/4/2019 5:39:00 AM	Benzo(g,h,i)perylene	n/a	<	0.5	µg/L	EPA 8270C	0.5	0.5	WKL	
MO-MEI	2018/19-1	Wet	11/22/2018 9:50:00 AM	12/28/2018 11:16:00 PM	Benzo(k)fluoranthene	n/a	<	1.1	µg/L	EPA 625	1.1	5	WKL	
MO-MEI	2018/19-1	Wet	11/22/2018 9:50:00 AM	1/4/2019 5:39:00 AM	Benzo(k)fluoranthene	n/a	<	0.5	µg/L	EPA 8270C	0.5	0.5	WKL	
MO-MEI	2018/19-1	Wet	11/22/2018 9:50:00 AM	12/28/2018 11:16:00 PM	Bis(2-chloroethoxy)methane	n/a	<	1.2	µg/L	EPA 625	1.2	5	WKL	
MO-MEI	2018/19-1	Wet	11/22/2018 9:50:00 AM	12/28/2018 11:16:00 PM	Bis(2-chloroethyl)ether	n/a	<	1.4	µg/L	EPA 625	1.4	5	WKL	
MO-MEI	2018/19-1	Wet	11/22/2018 9:50:00 AM	12/28/2018 11:16:00 PM	Bis(2-chloroisopropyl)ether	n/a	<	1.9	µg/L	EPA 625	1.9	5	WKL	
MO-MEI	2018/19-1	Wet	11/22/2018 9:50:00 AM	12/14/2018 4:44:00 AM	Bis(2-ethylhexyl)adipate	n/a	<	0.21	µg/L	EPA 525.2	0.21	10	WKL	
MO-MEI	2018/19-1	Wet	11/22/2018 9:50:00 AM	12/28/2018 11:16:00 PM	Bis(2-ethylhexyl)phthalate	n/a	<	12	µg/L	EPA 625	12	25	WKL	
MO-MEI	2018/19-1	Wet	11/22/2018 9:50:00 AM	12/14/2018 4:44:00 AM	Bis(2-ethylhexyl)phthalate	n/a	<	2.1	µg/L	EPA 525.2	2.1	6	WKL	
MO-MEI	2018/19-1	Wet	11/22/2018 9:50:00 AM	12/28/2018 11:16:00 PM	Butyl benzyl phthalate	n/a	<	0.9	µg/L	EPA 625	0.9	5	WKL	
MO-MEI	2018/19-1	Wet	11/22/2018 9:50:00 AM	12/28/2018 11:16:00 PM	Chrysene	n/a	<	0.95	µg/L	EPA 625	0.95	5	WKL	
MO-MEI	2018/19-1	Wet	11/22/2018 9:50:00 AM	1/4/2019 5:39:00 AM	Chrysene	n/a	<	0.5	µg/L	EPA 8270C	0.5	0.5	WKL	
MO-MEI	2018/19-1	Wet	11/22/2018 9:50:00 AM	12/28/2018 11:16:00 PM	Dibenz(a,h)anthracene	n/a	<	0.4	µg/L	EPA 625	0.4	10	WKL	
MO-MEI	2018/19-1	Wet	11/22/2018 9:50:00 AM	1/4/2019 5:39:00 AM	Dibenz(a,h)anthracene	n/a	<	0.5	µg/L	EPA 8270C	0.5	0.5	WKL	
MO-MEI	2018/19-1	Wet	11/22/2018 9:50:00 AM	12/28/2018 11:16:00 PM	Diethyl phthalate	n/a	<	0.75	µg/L	EPA 625	0.75	5	WKL	
MO-MEI	2018/19-1	Wet	11/22/2018 9:50:00 AM	12/28/2018 11:16:00 PM	Dimethyl phthalate	n/a	<	0.9	µg/L	EPA 625	0.9	5	WKL	
MO-MEI	2018/19-1	Wet	11/22/2018 9:50:00 AM	12/28/2018 11:16:00 PM	Di-n-butylphthalate	n/a	<	1.2	µg/L	EPA 625	1.2	5	WKL	
MO-MEI	2018/19-1	Wet	11/22/2018 9:50:00 AM	12/28/2018 11:16:00 PM	Di-n-octylphthalate	n/a	<	0.95	µg/L	EPA 625	0.95	5	WKL	
MO-MEI	2018/19-1	Wet	11/22/2018 9:50:00 AM	12/28/2018 11:16:00 PM	Fluoranthene	n/a	<	1.1	µg/L	EPA 625	1.1	5	WKL	
MO-MEI	2018/19-1	Wet	11/22/2018 9:50:00 AM	1/4/2019 5:39:00 AM	Fluoranthene	n/a	<	0.5	µg/L	EPA 8270C	0.5	0.5	WKL	
MO-MEI	2018/19-1	Wet	11/22/2018 9:50:00 AM	1/4/2019 5:39:00 AM	Fluorene	n/a	<	0.5	µg/L	EPA 8270C	0.5	0.5	WKL	
MO-MEI	2018/19-1	Wet	11/22/2018 9:50:00 AM	12/28/2018 11:16:00 PM	Fluorene	n/a	<	1.8	µg/L	EPA 625	1.8	5	WKL	
MO-MEI	2018/19-1	Wet	11/22/2018 9:50:00 AM	12/28/2018 11:16:00 PM	Hexachlorobenzene	n/a	<	2.4	µg/L	EPA 625	2.4	5	WKL	
MO-MEI	2018/19-1	Wet	11/22/2018 9:50:00 AM	12/28/2018 11:16:00 PM	Hexachlorobutadiene	n/a	<	2.4	µg/L	EPA 625	2.4	5	WKL	
MO-MEI	2018/19-1	Wet	11/22/2018 9:50:00 AM	12/28/2018 11:16:00 PM	Hexachlorocyclopentadiene	n/a	<	7.3	µg/L	EPA 625	7.3	25	WKL	
MO-MEI	2018/19-1	Wet	11/22/2018 9:50:00 AM	12/28/2018 11:16:00 PM	Hexachloroethane	n/a	<	2.6	µg/L	EPA 625	2.6	5	WKL	
MO-MEI	2018/19-1	Wet	11/22/2018 9:50:00 AM	1/4/2019 5:39:00 AM	Indeno(1,2,3-cd)pyrene	n/a	<	0.5	µg/L	EPA 8270C	0.5	0.5	WKL	
MO-MEI	2018/19-1	Wet	11/22/2018 9:50:00 AM	12/28/2018 11:16:00 PM	Indeno(1,2,3-cd)pyrene	n/a	<	0.6	µg/L	EPA 625	0.6	10	WKL	
MO-MEI	2018/19-1	Wet	11/22/2018 9:50:00 AM	12/28/2018 11:16:00 PM	Isophorone	n/a	<	1	µg/L	EPA 625	1	5	WKL	
MO-MEI	2018/19-1	Wet	11/22/2018 9:50:00 AM	12/28/2018 11:16:00 PM	Naphthalene	n/a	<	2.4	µg/L	EPA 625	2.4	5	WKL	
MO-MEI	2018/19-1	Wet	11/22/2018 9:50:00 AM	1/4/2019 5:39:00 AM	Naphthalene	n/a	<	0.5	µg/L	EPA 8270C	0.5	0.5	WKL	
MO-MEI	2018/19-1	Wet	11/22/2018 9:50:00 AM	12/28/2018 11:16:00 PM	Nitrobenzene	n/a	<	1.8	µg/L	EPA 625	1.8	5	WKL	
MO-MEI	2018/19-1	Wet	11/22/2018 9:50:00 AM	12/28/2018 11:16:00 PM	N-Nitrosodimethylamine	n/a	<	0.7	µg/L	EPA 625	0.7	5	WKL	
MO-MEI	2018/19-1	Wet	11/22/2018 9:50:00 AM	12/28/2018 11:16:00 PM	N-Nitrosodi-N-propylamine	n/a	<	1.3	µg/L	EPA 625	1.3	5	WKL	
MO-MEI	2018/19-1	Wet	11/22/2018 9:50:00 AM	12/28/2018 11:16:00 PM	N-Nitrosodiphenylamine	n/a	<	0.95	µg/L	EPA 625	0.95	5	WKL	
MO-MEI	2018/19-1	Wet	11/22/2018 9:50:00 AM	1/4/2019 5:39:00 AM	Phenanthrene	n/a	<	0.5	µg/L	EPA 8270C	0.5	0.5	WKL	
MO-MEI	2018/19-1	Wet	11/22/2018 9:50:00 AM	12/28/2018 11:16:00 PM	Phenanthrene	n/a	<	1.6	µg/L	EPA 625	1.6	5	WKL	
MO-MEI	2018/19-1	Wet	11/22/2018 9:50:00 AM	1/2/2019 7:57:00 PM	Phenol	n/a	<	1.8	µg/L	EPA 8270C	1.8	5	WKL	
MO-MEI	2018/19-1	Wet	11/22/2018 9:50:00 AM	12/28/2018 11:16:00 PM	Phenol	n/a	<	0.8	µg/L	EPA 625	0.8	5	WKL	
MO-MEI	2018/19-1	Wet	11/22/2018 9:50:00 AM	12/28/2018 11:16:00 PM	Pyrene	n/a	<	1.2	µg/L	EPA 625	1.2	5	WKL	
MO-MEI	2018/19-1	Wet	11/22/2018 9:50:00 AM	1/4/2019 5:39:00 AM	Pyrene	n/a	<	0.5	µg/L	EPA 8270C	0.5	0.5	WKL	
MO-MEI	2018/19-1	Wet	11/22/2018 9:50:00 AM	12/20/2018 5:15:00 AM	PCB Aroclor 1016	n/a	<	1	µg/L	EPA 608	1	10	WKL	
MO-MEI	2018/19-1	Wet	11/22/2018 9:50:00 AM	12/20/2018 5:15:00 AM	PCB Aroclor 1221	n/a	<	1.2	µg/L	EPA 608	1.2	10	WKL	
MO-MEI	2018/19-1	Wet	11/22/2018 9:50:00 AM	12/20/2018 5:15:00 AM	PCB Aroclor 1232	n/a	<	3	µg/L	EPA 608	3	10	WKL	
MO-MEI	2018/19-1	Wet	11/22/2018 9:50:00 AM	12/20/2018 5:15:00 AM	PCB Aroclor 1242	n/a	<	1.4	µg/L	EPA 608	1.4	10	WKL	

Appendix G
Laboratory Environmental Analysis Results

Site ID	Event	Event Type	Sample Date	Analysis Date	Constituent	Fraction	Sign	Result	Units	Method	MDL	Reporting Limit	Analyzing Laboratory	Qualifier
MO-MEI	2018/19-1	Wet	11/22/2018 9:50:00 AM	12/20/2018 5:15:00 AM	PCB Aroclor 1248	n/a	<	1.2	µg/L	EPA 608	1.2	10	WKL	
MO-MEI	2018/19-1	Wet	11/22/2018 9:50:00 AM	12/20/2018 5:15:00 AM	PCB Aroclor 1254	n/a	<	0.8	µg/L	EPA 608	0.8	10	WKL	
MO-MEI	2018/19-1	Wet	11/22/2018 9:50:00 AM	12/20/2018 5:15:00 AM	PCB Aroclor 1260	n/a	<	0.8	µg/L	EPA 608	0.8	10	WKL	
MO-MEI	2018/19-1	Wet	11/22/2018 9:50:00 AM	12/15/2018 3:23:00 AM	2,4,5-T	n/a	<	0.07	µg/L	EPA 515.3	0.07	0.2	WKL	
MO-MEI	2018/19-1	Wet	11/22/2018 9:50:00 AM	12/15/2018 3:23:00 AM	2,4,5-TP	n/a	<	0.09	µg/L	EPA 515.3	0.09	0.2	WKL	
MO-MEI	2018/19-1	Wet	11/22/2018 9:50:00 AM	12/15/2018 3:23:00 AM	2,4-D	n/a	<	0.07	µg/L	EPA 515.3	0.07	0.4	WKL	
MO-MEI	2018/19-1	Wet	11/22/2018 9:50:00 AM	12/15/2018 3:23:00 AM	2,4-DB	n/a	<	5	µg/L	EPA 515.3	5	5	WKL	
MO-MEI	2018/19-1	Wet	11/22/2018 9:50:00 AM	12/15/2018 3:23:00 AM	3,5-Dichlorobenzoic acid	n/a	<	0.09	µg/L	EPA 515.3	0.09	1	WKL	
MO-MEI	2018/19-1	Wet	11/22/2018 9:50:00 AM	12/20/2018 5:15:00 AM	4,4'-DDD	n/a	<	0.06	µg/L	EPA 608	0.06	1	WKL	
MO-MEI	2018/19-1	Wet	11/22/2018 9:50:00 AM	12/20/2018 5:15:00 AM	4,4'-DDE	n/a	<	0.05	µg/L	EPA 608	0.05	1	WKL	
MO-MEI	2018/19-1	Wet	11/22/2018 9:50:00 AM	12/20/2018 5:15:00 AM	4,4'-DDT	n/a	<	0.062	µg/L	EPA 608	0.062	0.2	WKL	
MO-MEI	2018/19-1	Wet	11/22/2018 9:50:00 AM	12/15/2018 3:23:00 AM	Acifluorfen	n/a	<	0.06	µg/L	EPA 515.3	0.06	0.4	WKL	
MO-MEI	2018/19-1	Wet	11/22/2018 9:50:00 AM	12/14/2018 4:44:00 AM	Alachlor	n/a	<	0.044	µg/L	EPA 525.2	0.044	0.2	WKL	
MO-MEI	2018/19-1	Wet	11/22/2018 9:50:00 AM	12/20/2018 5:15:00 AM	Aldrin	n/a	<	0.03	µg/L	EPA 608	0.03	0.1	WKL	
MO-MEI	2018/19-1	Wet	11/22/2018 9:50:00 AM	12/20/2018 5:15:00 AM	alpha-BHC	n/a	<	0.036	µg/L	EPA 608	0.036	0.2	WKL	
MO-MEI	2018/19-1	Wet	11/22/2018 9:50:00 AM	12/20/2018 5:15:00 AM	alpha-Chlordane	n/a	<	0.082	µg/L	EPA 608	0.082	0.2	WKL	
MO-MEI	2018/19-1	Wet	11/22/2018 9:50:00 AM	12/14/2018 4:44:00 AM	Atrazine	n/a	<	0.068	µg/L	EPA 525.2	0.068	0.2	WKL	
MO-MEI	2018/19-1	Wet	11/22/2018 9:50:00 AM	12/12/2018 5:08:00 PM	Azinphos methyl	n/a	<	0.011	µg/L	EPA 525.2m	0.011	0.02	WKL	
MO-MEI	2018/19-1	Wet	11/22/2018 9:50:00 AM	12/15/2018 3:23:00 AM	Bentazon	n/a	<	0.11	µg/L	EPA 515.3	0.11	2	WKL	
MO-MEI	2018/19-1	Wet	11/22/2018 9:50:00 AM	12/20/2018 5:15:00 AM	beta-BHC	n/a	<	0.062	µg/L	EPA 608	0.062	0.1	WKL	
MO-MEI	2018/19-1	Wet	11/22/2018 9:50:00 AM	12/12/2018 5:08:00 PM	Bolstar	n/a	<	0.0092	µg/L	EPA 525.2m	0.0092	0.02	WKL	
MO-MEI	2018/19-1	Wet	11/22/2018 9:50:00 AM	12/14/2018 4:44:00 AM	Bromacil	n/a	<	8	µg/L	EPA 525.2	8	8	WKL	
MO-MEI	2018/19-1	Wet	11/22/2018 9:50:00 AM	12/14/2018 4:44:00 AM	Butachlor	n/a	<	0.034	µg/L	EPA 525.2	0.034	0.4	WKL	
MO-MEI	2018/19-1	Wet	11/22/2018 9:50:00 AM	12/14/2018 4:44:00 AM	Captan	n/a	<	1.7	µg/L	EPA 525.2	1.7	2	WKL	
MO-MEI	2018/19-1	Wet	11/22/2018 9:50:00 AM	12/20/2018 5:15:00 AM	Chlordane (technical)	n/a	<	1.6	µg/L	EPA 608	1.6	2	WKL	
MO-MEI	2018/19-1	Wet	11/22/2018 9:50:00 AM	12/14/2018 4:44:00 AM	Chlorpropham	n/a	<	0.02	µg/L	EPA 525.2	0.02	0.2	WKL	
MO-MEI	2018/19-1	Wet	11/22/2018 9:50:00 AM	12/12/2018 5:08:00 PM	Chlorpyrifos	n/a	=	0.024	µg/L	EPA 525.2m	0.014	0.02	WKL	
MO-MEI	2018/19-1	Wet	11/22/2018 9:50:00 AM	12/12/2018 5:08:00 PM	Coumaphos	n/a	<	0.01	µg/L	EPA 525.2m	0.01	0.02	WKL	
MO-MEI	2018/19-1	Wet	11/22/2018 9:50:00 AM	12/14/2018 4:44:00 AM	Cyanazine	n/a	<	0.048	µg/L	EPA 525.2	0.048	0.2	WKL	
MO-MEI	2018/19-1	Wet	11/22/2018 9:50:00 AM	12/15/2018 3:23:00 AM	Dalapon	n/a	<	0.1	µg/L	EPA 515.3	0.1	0.4	WKL	
MO-MEI	2018/19-1	Wet	11/22/2018 9:50:00 AM	12/15/2018 3:23:00 AM	DPCA (Dacthal)	n/a	<	0.07	µg/L	EPA 515.3	0.07	0.1	WKL	
MO-MEI	2018/19-1	Wet	11/22/2018 9:50:00 AM	12/20/2018 5:15:00 AM	delta-BHC	n/a	<	0.05	µg/L	EPA 608	0.05	0.1	WKL	
MO-MEI	2018/19-1	Wet	11/22/2018 9:50:00 AM	12/12/2018 5:08:00 PM	Demeton-O	n/a	<	0.02	µg/L	EPA 525.2m	0.02	0.02	WKL	
MO-MEI	2018/19-1	Wet	11/22/2018 9:50:00 AM	12/12/2018 5:08:00 PM	Demeton-S	n/a	<	0.02	µg/L	EPA 525.2m	0.02	0.02	WKL	
MO-MEI	2018/19-1	Wet	11/22/2018 9:50:00 AM	12/14/2018 4:44:00 AM	Diazinon	n/a	<	0.19	µg/L	EPA 525.2	0.19	0.2	WKL	
MO-MEI	2018/19-1	Wet	11/22/2018 9:50:00 AM	12/12/2018 5:08:00 PM	Diazinon	n/a	<	0.01	µg/L	EPA 525.2m	0.01	0.02	WKL	
MO-MEI	2018/19-1	Wet	11/22/2018 9:50:00 AM	12/15/2018 3:23:00 AM	Dicamba	n/a	<	0.12	µg/L	EPA 515.3	0.12	0.6	WKL	
MO-MEI	2018/19-1	Wet	11/22/2018 9:50:00 AM	12/15/2018 3:23:00 AM	Dichlorprop	n/a	<	0.08	µg/L	EPA 515.3	0.08	0.3	WKL	
MO-MEI	2018/19-1	Wet	11/22/2018 9:50:00 AM	12/12/2018 5:08:00 PM	Dichlorvos	n/a	DNQ	0.016	µg/L	EPA 525.2m	0.0058	0.02	WKL	
MO-MEI	2018/19-1	Wet	11/22/2018 9:50:00 AM	12/20/2018 5:15:00 AM	Dieldrin	n/a	<	0.042	µg/L	EPA 608	0.042	0.2	WKL	
MO-MEI	2018/19-1	Wet	11/22/2018 9:50:00 AM	12/12/2018 5:08:00 PM	Dimethoate	n/a	<	0.012	µg/L	EPA 525.2m	0.012	0.02	WKL	
MO-MEI	2018/19-1	Wet	11/22/2018 9:50:00 AM	12/14/2018 4:44:00 AM	Dimethoate	n/a	<	0.048	µg/L	EPA 525.2	0.048	0.4	WKL	
MO-MEI	2018/19-1	Wet	11/22/2018 9:50:00 AM	12/15/2018 3:23:00 AM	Dinoseb	n/a	<	0.14	µg/L	EPA 515.3	0.14	0.4	WKL	
MO-MEI	2018/19-1	Wet	11/22/2018 9:50:00 AM	12/14/2018 4:44:00 AM	Diphenamid	n/a	<	0.048	µg/L	EPA 525.2	0.048	0.2	WKL	
MO-MEI	2018/19-1	Wet	11/22/2018 9:50:00 AM	12/14/2018 4:44:00 AM	Disulfoton	n/a	<	0.062	µg/L	EPA 525.2	0.062	0.2	WKL	
MO-MEI	2018/19-1	Wet	11/22/2018 9:50:00 AM	12/12/2018 5:08:00 PM	Disulfoton	n/a	<	0.02	µg/L	EPA 525.2m	0.02	0.02	WKL	
MO-MEI	2018/19-1	Wet	11/22/2018 9:50:00 AM	12/20/2018 5:15:00 AM	Endosulfan I	n/a	<	0.034	µg/L	EPA 608	0.034	0.4	WKL	
MO-MEI	2018/19-1	Wet	11/22/2018 9:50:00 AM	12/20/2018 5:15:00 AM	Endosulfan II	n/a	<	0.038	µg/L	EPA 608	0.038	0.2	WKL	

Appendix G
Laboratory Environmental Analysis Results

Site ID	Event	Event Type	Sample Date	Analysis Date	Constituent	Fraction	Sign	Result	Units	Method	MDL	Reporting Limit	Analyzing Laboratory	Qualifier
MO-MEI	2018/19-1	Wet	11/22/2018 9:50:00 AM	12/20/2018 5:15:00 AM	Endosulfan sulfate	n/a	<	0.16	µg/L	EPA 608	0.16	1	WKL	
MO-MEI	2018/19-1	Wet	11/22/2018 9:50:00 AM	12/20/2018 5:15:00 AM	Endrin	n/a	<	0.056	µg/L	EPA 608	0.056	0.2	WKL	
MO-MEI	2018/19-1	Wet	11/22/2018 9:50:00 AM	12/20/2018 5:15:00 AM	Endrin aldehyde	n/a	<	0.06	µg/L	EPA 608	0.06	0.2	WKL	
MO-MEI	2018/19-1	Wet	11/22/2018 9:50:00 AM	12/14/2018 4:44:00 AM	EPTC	n/a	<	0.034	µg/L	EPA 525.2	0.034	2	WKL	
MO-MEI	2018/19-1	Wet	11/22/2018 9:50:00 AM	12/12/2018 5:08:00 PM	Ethoprop	n/a	<	0.013	µg/L	EPA 525.2m	0.013	0.02	WKL	
MO-MEI	2018/19-1	Wet	11/22/2018 9:50:00 AM	12/12/2018 5:08:00 PM	Ethyl parathion	n/a	<	0.011	µg/L	EPA 525.2m	0.011	0.02	WKL	
MO-MEI	2018/19-1	Wet	11/22/2018 9:50:00 AM	12/12/2018 5:08:00 PM	Fensulfothion	n/a	<	0.0058	µg/L	EPA 525.2m	0.0058	0.02	WKL	
MO-MEI	2018/19-1	Wet	11/22/2018 9:50:00 AM	12/12/2018 5:08:00 PM	Fenthion	n/a	<	0.0076	µg/L	EPA 525.2m	0.0076	0.02	WKL	
MO-MEI	2018/19-1	Wet	11/22/2018 9:50:00 AM	12/20/2018 5:15:00 AM	gamma-BHC (Lindane)	n/a	<	0.042	µg/L	EPA 608	0.042	0.4	WKL	
MO-MEI	2018/19-1	Wet	11/22/2018 9:50:00 AM	12/20/2018 5:15:00 AM	gamma-Chlordane	n/a	<	0.088	µg/L	EPA 608	0.088	0.2	WKL	
MO-MEI	2018/19-1	Wet	11/22/2018 9:50:00 AM	11/29/2018 12:12:00 AM	Glyphosate	n/a	DNQ	34	µg/L	EPA 547	18	50	WKL	
MO-MEI	2018/19-1	Wet	11/22/2018 9:50:00 AM	12/20/2018 5:15:00 AM	Heptachlor	n/a	<	0.034	µg/L	EPA 608	0.034	0.2	WKL	
MO-MEI	2018/19-1	Wet	11/22/2018 9:50:00 AM	12/20/2018 5:15:00 AM	Heptachlor epoxide	n/a	<	0.038	µg/L	EPA 608	0.038	0.2	WKL	
MO-MEI	2018/19-1	Wet	11/22/2018 9:50:00 AM	12/12/2018 5:08:00 PM	Malathion	n/a	=	0.022	µg/L	EPA 525.2m	0.015	0.02	WKL	
MO-MEI	2018/19-1	Wet	11/22/2018 9:50:00 AM	12/12/2018 5:08:00 PM	Merphos	n/a	<	0.012	µg/L	EPA 525.2m	0.012	0.02	WKL	
MO-MEI	2018/19-1	Wet	11/22/2018 9:50:00 AM	12/20/2018 5:15:00 AM	Methoxychlor	n/a	<	0.11	µg/L	EPA 608	0.11	0.4	WKL	
MO-MEI	2018/19-1	Wet	11/22/2018 9:50:00 AM	12/12/2018 5:08:00 PM	Methyl parathion	n/a	<	0.013	µg/L	EPA 525.2m	0.013	0.02	WKL	
MO-MEI	2018/19-1	Wet	11/22/2018 9:50:00 AM	12/14/2018 4:44:00 AM	Metolachlor	n/a	<	0.024	µg/L	EPA 525.2	0.024	0.2	WKL	
MO-MEI	2018/19-1	Wet	11/22/2018 9:50:00 AM	12/14/2018 4:44:00 AM	Metribuzin	n/a	<	0.03	µg/L	EPA 525.2	0.03	0.2	WKL	
MO-MEI	2018/19-1	Wet	11/22/2018 9:50:00 AM	12/12/2018 5:08:00 PM	Mevinphos	n/a	<	0.0084	µg/L	EPA 525.2m	0.0084	0.02	WKL	
MO-MEI	2018/19-1	Wet	11/22/2018 9:50:00 AM	12/14/2018 4:44:00 AM	Molinat	n/a	<	0.078	µg/L	EPA 525.2	0.078	0.2	WKL	
MO-MEI	2018/19-1	Wet	11/22/2018 9:50:00 AM	12/12/2018 5:08:00 PM	Naled	n/a	<	0.015	µg/L	EPA 525.2m	0.015	0.02	WKL	
MO-MEI	2018/19-1	Wet	11/22/2018 9:50:00 AM	12/28/2018 11:16:00 PM	Pentachlorophenol	n/a	DNQ	3.2	µg/L	EPA 625	0.95	5	WKL	
MO-MEI	2018/19-1	Wet	11/22/2018 9:50:00 AM	12/15/2018 3:23:00 AM	Pentachlorophenol	n/a	=	1.2	µg/L	EPA 515.3	0.04	0.2	WKL	
MO-MEI	2018/19-1	Wet	11/22/2018 9:50:00 AM	1/2/2019 7:57:00 PM	Pentachlorophenol	n/a	=	5.7	µg/L	EPA 8270C	0.75	5	WKL	
MO-MEI	2018/19-1	Wet	11/22/2018 9:50:00 AM	12/12/2018 5:08:00 PM	Phorate	n/a	<	0.006	µg/L	EPA 525.2m	0.006	0.02	WKL	
MO-MEI	2018/19-1	Wet	11/22/2018 9:50:00 AM	12/15/2018 3:23:00 AM	Picloram	n/a	<	0.05	µg/L	EPA 515.3	0.05	0.6	WKL	
MO-MEI	2018/19-1	Wet	11/22/2018 9:50:00 AM	12/14/2018 4:44:00 AM	Prometon	n/a	<	0.048	µg/L	EPA 525.2	0.048	0.4	WKL	
MO-MEI	2018/19-1	Wet	11/22/2018 9:50:00 AM	12/14/2018 4:44:00 AM	Prometryn	n/a	<	0.072	µg/L	EPA 525.2	0.072	0.2	WKL	
MO-MEI	2018/19-1	Wet	11/22/2018 9:50:00 AM	12/12/2018 5:08:00 PM	Ronnel (Fenchlorphos)	n/a	<	0.0082	µg/L	EPA 525.2m	0.0082	0.02	WKL	
MO-MEI	2018/19-1	Wet	11/22/2018 9:50:00 AM	12/14/2018 4:44:00 AM	Simazine	n/a	<	0.03	µg/L	EPA 525.2	0.03	0.2	WKL	
MO-MEI	2018/19-1	Wet	11/22/2018 9:50:00 AM	12/12/2018 5:08:00 PM	Stirophos (Tetrachlorvinphos)	n/a	<	0.0062	µg/L	EPA 525.2m	0.0062	0.02	WKL	
MO-MEI	2018/19-1	Wet	11/22/2018 9:50:00 AM	12/14/2018 4:44:00 AM	Terbacil	n/a	<	1.1	µg/L	EPA 525.2	1.1	4	WKL	
MO-MEI	2018/19-1	Wet	11/22/2018 9:50:00 AM	12/14/2018 4:44:00 AM	Thiobencarb	n/a	<	0.05	µg/L	EPA 525.2	0.05	0.4	WKL	
MO-MEI	2018/19-1	Wet	11/22/2018 9:50:00 AM	12/12/2018 5:08:00 PM	Tokuthion	n/a	<	0.016	µg/L	EPA 525.2m	0.016	0.02	WKL	
MO-MEI	2018/19-1	Wet	11/22/2018 9:50:00 AM	12/20/2018 5:15:00 AM	Toxaphene	n/a	<	2.4	µg/L	EPA 608	2.4	10	WKL	
MO-MEI	2018/19-1	Wet	11/22/2018 9:50:00 AM	12/12/2018 5:08:00 PM	Trichloronate	n/a	<	0.013	µg/L	EPA 525.2m	0.013	0.02	WKL	
MO-MEI	2018/19-1	Wet	11/22/2018 9:50:00 AM	12/14/2018 4:44:00 AM	Trithion	n/a	<	0.024	µg/L	EPA 525.2	0.024	0.2	WKL	
MO-MEI	2018/19-2	Wet	11/29/2018 1:20:00 AM	11/30/2018 4:25:00 AM	E. Coli	n/a	=	30760	MPN/100 mL	MMO-MUG	100	100	VCHCA	
MO-MEI	2018/19-2	Wet	11/29/2018 1:20:00 AM	11/30/2018 4:25:00 AM	Total Coliform	n/a	=	235900	MPN/100 mL	MMO-MUG	1000	1000	VCHCA	
MO-MEI	2018/19-2	Wet	11/29/2018 1:20:00 AM	11/29/2018 1:20:00 AM	Conductivity	n/a	=	74.5	µmhos/cm	Field Meter	-88	1	Field Crew	
MO-MEI	2018/19-2	Wet	11/29/2018 1:20:00 AM	12/11/2018 8:10:00 PM	Cyanide	Total	DNQ	0.0012	mg/L	ASTM D7511	0.0005	0.002	WKL	
MO-MEI	2018/19-2	Wet	11/29/2018 1:20:00 AM	11/29/2018 1:20:00 AM	DO	n/a	=	91	%	Field Meter	-88	0.1	Field Crew	
MO-MEI	2018/19-2	Wet	11/29/2018 1:20:00 AM	11/29/2018 1:20:00 AM	DO	n/a	=	9.13	mg/L	Field Meter	-88	0.3	Field Crew	
MO-MEI	2018/19-2	Wet	11/29/2018 1:20:00 AM	11/29/2018 1:20:00 AM	pH	n/a	=	7.44	pH Units	Field Meter	-88	0.01	Field Crew	
MO-MEI	2018/19-2	Wet	11/29/2018 1:20:00 AM	11/29/2018 1:20:00 AM	Salinity	n/a	<	100	mg/L	Field Meter	-88	100	Field Crew	
MO-MEI	2018/19-2	Wet	11/29/2018 1:20:00 AM	11/29/2018 1:20:00 AM	Specific Conductance	n/a	=	91	µmhos/cm	Field Meter	-88	1	Field Crew	
MO-MEI	2018/19-2	Wet	11/29/2018 1:20:00 AM	11/29/2018 1:20:00 AM	Temperature	n/a	=	22.6	°C	Field Meter	-88	0.1	Field Crew	

Appendix G
Laboratory Environmental Analysis Results

Site ID	Event	Event Type	Sample Date	Analysis Date	Constituent	Fraction	Sign	Result	Units	Method	MDL	Reporting Limit	Analyzing Laboratory	Qualifier
MO-MEI	2018/19-2	Wet	11/29/2018 1:20:00 AM	12/1/2018 7:20:00 AM	Gasoline Range Organics	n/a	<	0.012	mg/L	LUFT GC/MS	0.012	0.1	WKL	
MO-MEI	2018/19-2	Wet	11/29/2018 1:20:00 AM	12/14/2018 4:48:00 PM	Oil and Grease	n/a	<	1.3	mg/L	EPA 1664A	1.3	5	WKL	
MO-MEI	2018/19-2	Wet	11/29/2018 1:20:00 AM	12/3/2018 5:49:00 PM	2-Chloroethyl vinyl ether	n/a	<	0.28	µg/L	EPA 624	0.28	1	WKL	
MO-MEI	2018/19-2	Wet	11/29/2018 1:20:00 AM	12/3/2018 5:49:00 PM	Methyl tert-butyl ether (MTBE)	n/a	<	0.25	µg/L	EPA 624	0.25	1	WKL	
MO-MEI	2018/19-2	Wet	11/29/2018 6:30:00 AM	12/3/2018 1:00:00 PM	Chloride	n/a	=	4.1	mg/L	EPA 300.0	0.1	0.5	WKL	
MO-MEI	2018/19-2	Wet	11/29/2018 6:30:00 AM	12/3/2018 1:00:00 PM	Fluoride	n/a	DNQ	0.047	mg/L	EPA 300.0	0.02	0.1	WKL	
MO-MEI	2018/19-2	Wet	11/29/2018 6:30:00 AM	12/2/2018 2:46:00 AM	Perchlorate	n/a	<	0.95	µg/L	EPA 314.0	0.95	2	WKL	
MO-MEI	2018/19-2	Wet	11/29/2018 6:30:00 AM	12/3/2018 1:00:00 PM	Sulfate	Total	=	5.1	mg/L	EPA 300.0	0.1	0.5	WKL	
MO-MEI	2018/19-2	Wet	11/29/2018 6:30:00 AM	12/7/2018 1:41:00 PM	Calcium	Total	=	8.6	mg/L	EPA 200.7	0.016	0.1	WKL	
MO-MEI	2018/19-2	Wet	11/29/2018 6:30:00 AM	12/7/2018 1:41:00 PM	Magnesium	Total	=	2.85	mg/L	EPA 200.7	0.012	0.1	WKL	
MO-MEI	2018/19-2	Wet	11/29/2018 6:30:00 AM	12/7/2018 1:41:00 PM	Potassium	Total	=	5	mg/L	EPA 200.7	0.081	0.1	WKL	
MO-MEI	2018/19-2	Wet	11/29/2018 6:30:00 AM	12/7/2018 1:41:00 PM	Sodium	Total	=	3	mg/L	EPA 200.7	0.015	0.5	WKL	
MO-MEI	2018/19-2	Wet	11/29/2018 6:30:00 AM	12/4/2018 12:20:00 PM	Alkalinity as CaCO3	n/a	=	25	mg/L	SM 2320 B	0.56	2	WKL	
MO-MEI	2018/19-2	Wet	11/29/2018 6:30:00 AM	12/5/2018 7:26:00 PM	BOD	n/a	=	14	mg/L	SM 5210 B	2	2	WKL	
MO-MEI	2018/19-2	Wet	11/29/2018 6:30:00 AM	12/3/2018 9:38:00 AM	COD	n/a	=	81	mg/L	EPA 410.4	0.73	5	WKL	
MO-MEI	2018/19-2	Wet	11/29/2018 6:30:00 AM	12/20/2018 9:28:00 AM	Dissolved Inorganic Carbon	Dissolved	=	6.6	mg/L	SM 5310 B	0.016	0.5	WKL	
MO-MEI	2018/19-2	Wet	11/29/2018 6:30:00 AM	12/11/2018 10:21:00 AM	Dissolved Organic Carbon	Dissolved	=	14	mg/L	SM 5310 B	0.013	0.3	WKL	
MO-MEI	2018/19-2	Wet	11/29/2018 6:30:00 AM	12/7/2018 1:41:00 PM	Hardness as CaCO3	Total	=	33.2	mg/L	EPA 200.7	0.0894	0.662	WKL	
MO-MEI	2018/19-2	Wet	11/29/2018 6:30:00 AM	11/29/2018 7:21:00 PM	MBAS	n/a	=	0.34	mg/L	SM 5540 C	0.095	0.25	WKL	
MO-MEI	2018/19-2	Wet	11/29/2018 6:30:00 AM	12/11/2018 5:32:00 PM	Phenolics	n/a	DNQ	0.0089	mg/L	EPA 420.4	0.0042	0.01	WKL	
MO-MEI	2018/19-2	Wet	11/29/2018 6:30:00 AM	12/3/2018 2:58:00 PM	Specific Conductance	n/a	=	83	µmhos/cm	SM 2510 B	0.23	2	WKL	
MO-MEI	2018/19-2	Wet	11/29/2018 6:30:00 AM	12/5/2018 3:14:00 PM	Total Dissolved Solids	n/a	=	70	mg/L	SM 2540 C	4	10	WKL	
MO-MEI	2018/19-2	Wet	11/29/2018 6:30:00 AM	12/7/2018 9:35:00 AM	Total Organic Carbon	n/a	=	18	mg/L	SM 5310 B	0.009	0.3	WKL	
MO-MEI	2018/19-2	Wet	11/29/2018 6:30:00 AM	12/1/2018 5:50:00 PM	Total Suspended Solids	n/a	=	310	mg/L	SM 2540 D	-88	5	WKL	
MO-MEI	2018/19-2	Wet	11/29/2018 6:30:00 AM	11/30/2018 4:06:00 PM	Turbidity	n/a	=	26	NTU	EPA 180.1	0.024	0.1	WKL	
MO-MEI	2018/19-2	Wet	11/29/2018 6:30:00 AM	12/1/2018 12:50:00 PM	Volatile Suspended Solids	n/a	=	60	mg/L	EPA 160.4	3.1	5	WKL	
MO-MEI	2018/19-2	Wet	11/29/2018 6:30:00 AM	12/4/2018 3:06:00 AM	Diesel Range Organics	n/a	=	0.25	mg/L	EPA 8015D	0.048	0.2	WKL	
MO-MEI	2018/19-2	Wet	11/29/2018 6:30:00 AM	12/4/2018 3:06:00 AM	Oil Range Organics	n/a	<	0.66	mg/L	EPA 8015D	0.66	1	WKL	
MO-MEI	2018/19-2	Wet	11/29/2018 6:30:00 AM	12/13/2018 7:00:00 PM	Aluminum	Dissolved	=	40	µg/L	EPA 200.8	1.3	5	WKL	
MO-MEI	2018/19-2	Wet	11/29/2018 6:30:00 AM	12/13/2018 10:02:00 PM	Aluminum	Total	=	3100	µg/L	EPA 200.8	1.3	5	WKL	
MO-MEI	2018/19-2	Wet	11/29/2018 6:30:00 AM	12/13/2018 7:00:00 PM	Antimony	Dissolved	DNQ	0.29	µg/L	EPA 200.8	0.045	0.5	WKL	
MO-MEI	2018/19-2	Wet	11/29/2018 6:30:00 AM	12/13/2018 10:02:00 PM	Antimony	Total	=	0.51	µg/L	EPA 200.8	0.045	0.5	WKL	
MO-MEI	2018/19-2	Wet	11/29/2018 6:30:00 AM	12/13/2018 7:00:00 PM	Arsenic	Dissolved	=	0.75	µg/L	EPA 200.8	0.074	0.4	WKL	
MO-MEI	2018/19-2	Wet	11/29/2018 6:30:00 AM	12/13/2018 10:02:00 PM	Arsenic	Total	=	1.4	µg/L	EPA 200.8	0.074	0.4	WKL	
MO-MEI	2018/19-2	Wet	11/29/2018 6:30:00 AM	12/13/2018 10:02:00 PM	Barium	Total	=	55	µg/L	EPA 200.8	0.071	0.5	WKL	
MO-MEI	2018/19-2	Wet	11/29/2018 6:30:00 AM	12/13/2018 7:00:00 PM	Beryllium	Dissolved	<	0.033	µg/L	EPA 200.8	0.033	0.1	WKL	
MO-MEI	2018/19-2	Wet	11/29/2018 6:30:00 AM	12/13/2018 10:02:00 PM	Beryllium	Total	=	0.12	µg/L	EPA 200.8	0.033	0.1	WKL	
MO-MEI	2018/19-2	Wet	11/29/2018 6:30:00 AM	12/13/2018 7:00:00 PM	Cadmium	Dissolved	<	0.041	µg/L	EPA 200.8	0.041	0.1	WKL	
MO-MEI	2018/19-2	Wet	11/29/2018 6:30:00 AM	12/13/2018 10:02:00 PM	Cadmium	Total	=	0.16	µg/L	EPA 200.8	0.041	0.1	WKL	
MO-MEI	2018/19-2	Wet	11/29/2018 6:30:00 AM	12/13/2018 7:00:00 PM	Chromium	Dissolved	=	0.4	µg/L	EPA 200.8	0.035	0.2	WKL	
MO-MEI	2018/19-2	Wet	11/29/2018 6:30:00 AM	12/13/2018 10:02:00 PM	Chromium	Total	=	6.4	µg/L	EPA 200.8	0.035	0.2	WKL	
MO-MEI	2018/19-2	Wet	11/29/2018 6:30:00 AM	12/1/2018 12:57:00 AM	Chromium VI	n/a	<	0.048	µg/L	EPA 218.6	0.048	0.2	WKL	
MO-MEI	2018/19-2	Wet	11/29/2018 6:30:00 AM	12/13/2018 7:00:00 PM	Copper	Dissolved	=	6.6	µg/L	EPA 200.8	0.13	0.5	WKL	
MO-MEI	2018/19-2	Wet	11/29/2018 6:30:00 AM	12/13/2018 10:02:00 PM	Copper	Total	=	15	µg/L	EPA 200.8	0.13	0.5	WKL	
MO-MEI	2018/19-2	Wet	11/29/2018 6:30:00 AM	12/7/2018 1:35:00 PM	Iron	Dissolved	=	59	µg/L	EPA 200.7	1.1	10	WKL	
MO-MEI	2018/19-2	Wet	11/29/2018 6:30:00 AM	12/7/2018 1:41:00 PM	Iron	Total	=	3700	µg/L	EPA 200.7	1.1	10	WKL	
MO-MEI	2018/19-2	Wet	11/29/2018 6:30:00 AM	12/13/2018 7:00:00 PM	Lead	Dissolved	=	0.32	µg/L	EPA 200.8	0.031	0.2	WKL	
MO-MEI	2018/19-2	Wet	11/29/2018 6:30:00 AM	12/13/2018 10:02:00 PM	Lead	Total	=	5.1	µg/L	EPA 200.8	0.031	0.2	WKL	

Appendix G
Laboratory Environmental Analysis Results

Site ID	Event	Event Type	Sample Date	Analysis Date	Constituent	Fraction	Sign	Result	Units	Method	MDL	Reporting Limit	Analyzing Laboratory	Qualifier
MO-MEI	2018/19-2	Wet	11/29/2018 6:30:00 AM	12/12/2018 12:17:00 PM	Mercury	Dissolved	<	17	ng/L	EPA 245.1	17	50	WKL	
MO-MEI	2018/19-2	Wet	11/29/2018 6:30:00 AM	12/10/2018 12:57:00 PM	Mercury	Total	DNQ	29	ng/L	EPA 245.1	17	50	WKL	
MO-MEI	2018/19-2	Wet	11/29/2018 6:30:00 AM	12/13/2018 7:00:00 PM	Nickel	Dissolved	=	2.2	µg/L	EPA 200.8	0.045	0.8	WKL	
MO-MEI	2018/19-2	Wet	11/29/2018 6:30:00 AM	12/13/2018 10:02:00 PM	Nickel	Total	=	11	µg/L	EPA 200.8	0.045	0.8	WKL	
MO-MEI	2018/19-2	Wet	11/29/2018 6:30:00 AM	12/13/2018 7:00:00 PM	Selenium	Dissolved	<	0.14	µg/L	EPA 200.8	0.14	0.4	WKL	
MO-MEI	2018/19-2	Wet	11/29/2018 6:30:00 AM	12/13/2018 10:02:00 PM	Selenium	Total	DNQ	0.17	µg/L	EPA 200.8	0.14	0.4	WKL	
MO-MEI	2018/19-2	Wet	11/29/2018 6:30:00 AM	12/13/2018 7:00:00 PM	Silver	Dissolved	<	0.062	µg/L	EPA 200.8	0.062	0.2	WKL	
MO-MEI	2018/19-2	Wet	11/29/2018 6:30:00 AM	12/13/2018 10:02:00 PM	Silver	Total	DNQ	0.08	µg/L	EPA 200.8	0.062	0.2	WKL	
MO-MEI	2018/19-2	Wet	11/29/2018 6:30:00 AM	12/13/2018 7:00:00 PM	Thallium	Dissolved	<	0.014	µg/L	EPA 200.8	0.014	0.2	WKL	
MO-MEI	2018/19-2	Wet	11/29/2018 6:30:00 AM	12/13/2018 10:02:00 PM	Thallium	Total	DNQ	0.02	µg/L	EPA 200.8	0.014	0.2	WKL	
MO-MEI	2018/19-2	Wet	11/29/2018 6:30:00 AM	12/13/2018 7:00:00 PM	Zinc	Dissolved	=	20	µg/L	EPA 200.8	0.94	5	WKL	
MO-MEI	2018/19-2	Wet	11/29/2018 6:30:00 AM	12/13/2018 10:02:00 PM	Zinc	Total	=	75	µg/L	EPA 200.8	0.94	5	WKL	
MO-MEI	2018/19-2	Wet	11/29/2018 6:30:00 AM	12/6/2018 6:08:00 PM	Ammonia as N	n/a	=	0.52	mg/L	EPA 350.1	0.048	0.1	WKL	
MO-MEI	2018/19-2	Wet	11/29/2018 6:30:00 AM	12/20/2018 10:37:00 AM	Nitrate + Nitrite as N	n/a	=	0.4	mg/L	EPA 353.2	0.083	0.2	WKL	
MO-MEI	2018/19-2	Wet	11/29/2018 6:30:00 AM	1/17/2019 12:53:00 PM	Phosphorus as P	Dissolved	=	0.36	mg/L	EPA 200.7	0.012	0.02	WKL	
MO-MEI	2018/19-2	Wet	11/29/2018 6:30:00 AM	1/17/2019 12:56:00 PM	Phosphorus as P	Total	=	0.57	mg/L	EPA 200.7	0.012	0.02	WKL	
MO-MEI	2018/19-2	Wet	11/29/2018 6:30:00 AM	12/21/2018 10:50:00 AM	TKN	n/a	=	1.3	mg/L	EPA 351.2	0.05	0.1	WKL	
MO-MEI	2018/19-2	Wet	11/29/2018 6:30:00 AM	1/6/2019 11:35:00 PM	1,2,4-Trichlorobenzene	n/a	<	5.5	µg/L	EPA 625	5.5	10	WKL	
MO-MEI	2018/19-2	Wet	11/29/2018 6:30:00 AM	1/6/2019 11:35:00 PM	1,2-Dichlorobenzene	n/a	<	5.7	µg/L	EPA 625	5.7	10	WKL	
MO-MEI	2018/19-2	Wet	11/29/2018 6:30:00 AM	1/6/2019 11:35:00 PM	1,2-Diphenylhydrazine	n/a	<	2.5	µg/L	EPA 625	2.5	10	WKL	
MO-MEI	2018/19-2	Wet	11/29/2018 6:30:00 AM	1/6/2019 11:35:00 PM	1,3-Dichlorobenzene	n/a	<	5.3	µg/L	EPA 625	5.3	10	WKL	
MO-MEI	2018/19-2	Wet	11/29/2018 6:30:00 AM	1/6/2019 11:35:00 PM	1,4-Dichlorobenzene	n/a	<	5.5	µg/L	EPA 625	5.5	10	WKL	
MO-MEI	2018/19-2	Wet	11/29/2018 6:30:00 AM	1/11/2019 7:36:00 PM	1-Methylnaphthalene	n/a	<	0.2	µg/L	EPA 8270C	0.2	0.2	WKL	
MO-MEI	2018/19-2	Wet	11/29/2018 6:30:00 AM	1/11/2019 12:51:00 AM	2,4,5-Trichlorophenol	n/a	<	0.58	µg/L	EPA 8270C	0.58	2	WKL	
MO-MEI	2018/19-2	Wet	11/29/2018 6:30:00 AM	1/11/2019 12:51:00 AM	2,4,6-Trichlorophenol	n/a	<	0.6	µg/L	EPA 8270C	0.6	2	WKL	
MO-MEI	2018/19-2	Wet	11/29/2018 6:30:00 AM	1/6/2019 11:35:00 PM	2,4,6-Trichlorophenol	n/a	<	2.2	µg/L	EPA 625	2.2	10	WKL	
MO-MEI	2018/19-2	Wet	11/29/2018 6:30:00 AM	1/6/2019 11:35:00 PM	2,4-Dichlorophenol	n/a	<	2.6	µg/L	EPA 625	2.6	10	WKL	
MO-MEI	2018/19-2	Wet	11/29/2018 6:30:00 AM	1/11/2019 12:51:00 AM	2,4-Dichlorophenol	n/a	<	1	µg/L	EPA 8270C	1	2	WKL	
MO-MEI	2018/19-2	Wet	11/29/2018 6:30:00 AM	1/6/2019 11:35:00 PM	2,4-Dimethylphenol	n/a	<	3	µg/L	EPA 625	3	10	WKL	
MO-MEI	2018/19-2	Wet	11/29/2018 6:30:00 AM	1/11/2019 12:51:00 AM	2,4-Dimethylphenol	n/a	<	2	µg/L	EPA 8270C	2	4	WKL	
MO-MEI	2018/19-2	Wet	11/29/2018 6:30:00 AM	1/11/2019 12:51:00 AM	2,4-Dinitrophenol	n/a	<	2	µg/L	EPA 8270C	2	4	WKL	
MO-MEI	2018/19-2	Wet	11/29/2018 6:30:00 AM	1/6/2019 11:35:00 PM	2,4-Dinitrophenol	n/a	<	16	µg/L	EPA 625	16	100	WKL	
MO-MEI	2018/19-2	Wet	11/29/2018 6:30:00 AM	1/6/2019 11:35:00 PM	2,4-Dinitrotoluene	n/a	<	1.8	µg/L	EPA 625	1.8	10	WKL	
MO-MEI	2018/19-2	Wet	11/29/2018 6:30:00 AM	1/6/2019 11:35:00 PM	2,6-Dinitrotoluene	n/a	<	2.7	µg/L	EPA 625	2.7	10	WKL	
MO-MEI	2018/19-2	Wet	11/29/2018 6:30:00 AM	1/6/2019 11:35:00 PM	2-Chloronaphthalene	n/a	<	4.5	µg/L	EPA 625	4.5	10	WKL	
MO-MEI	2018/19-2	Wet	11/29/2018 6:30:00 AM	1/6/2019 11:35:00 PM	2-Chlorophenol	n/a	<	2.8	µg/L	EPA 625	2.8	10	WKL	
MO-MEI	2018/19-2	Wet	11/29/2018 6:30:00 AM	1/11/2019 12:51:00 AM	2-Chlorophenol	n/a	<	1.3	µg/L	EPA 8270C	1.3	2	WKL	
MO-MEI	2018/19-2	Wet	11/29/2018 6:30:00 AM	1/11/2019 7:36:00 PM	2-Methylnaphthalene	n/a	<	0.2	µg/L	EPA 8270C	0.2	0.2	WKL	
MO-MEI	2018/19-2	Wet	11/29/2018 6:30:00 AM	1/11/2019 12:51:00 AM	2-Methylphenol	n/a	<	0.68	µg/L	EPA 8270C	0.68	2	WKL	
MO-MEI	2018/19-2	Wet	11/29/2018 6:30:00 AM	1/11/2019 12:51:00 AM	2-Nitrophenol	n/a	<	1.4	µg/L	EPA 8270C	1.4	2	WKL	
MO-MEI	2018/19-2	Wet	11/29/2018 6:30:00 AM	1/6/2019 11:35:00 PM	2-Nitrophenol	n/a	<	2.6	µg/L	EPA 625	2.6	10	WKL	
MO-MEI	2018/19-2	Wet	11/29/2018 6:30:00 AM	1/6/2019 11:35:00 PM	3,3'-Dichlorobenzidine	n/a	<	12	µg/L	EPA 625	12	50	WKL	
MO-MEI	2018/19-2	Wet	11/29/2018 6:30:00 AM	1/11/2019 12:51:00 AM	3-/4-Methylphenol	n/a	<	0.6	µg/L	EPA 8270C	0.6	2	WKL	
MO-MEI	2018/19-2	Wet	11/29/2018 6:30:00 AM	1/6/2019 11:35:00 PM	4,6-Dinitro-2-methylphenol	n/a	<	17	µg/L	EPA 625	17	50	WKL	
MO-MEI	2018/19-2	Wet	11/29/2018 6:30:00 AM	1/11/2019 12:51:00 AM	4,6-Dinitro-2-methylphenol	n/a	DNQ	1	µg/L	EPA 8270C	0.28	2	WKL	
MO-MEI	2018/19-2	Wet	11/29/2018 6:30:00 AM	1/6/2019 11:35:00 AM	4-Bromophenyl phenyl ether	n/a	<	3.6	µg/L	EPA 625	3.6	10	WKL	
MO-MEI	2018/19-2	Wet	11/29/2018 6:30:00 AM	1/11/2019 12:51:00 AM	4-Chloro-3-methylphenol	n/a	<	0.74	µg/L	EPA 8270C	0.74	2	WKL	
MO-MEI	2018/19-2	Wet	11/29/2018 6:30:00 AM	1/6/2019 11:35:00 PM	4-Chloro-3-methylphenol	n/a	<	2.3	µg/L	EPA 625	2.3	10	WKL	

Appendix G
Laboratory Environmental Analysis Results

Site ID	Event	Event Type	Sample Date	Analysis Date	Constituent	Fraction	Sign	Result	Units	Method	MDL	Reporting Limit	Analyzing Laboratory	Qualifier
MO-MEI	2018/19-2	Wet	11/29/2018 6:30:00 AM	1/6/2019 11:35:00 PM	4-Chlorophenyl phenyl ether	n/a	<	4.1	µg/L	EPA 625	4.1	10	WKL	
MO-MEI	2018/19-2	Wet	11/29/2018 6:30:00 AM	1/11/2019 12:51:00 AM	4-Nitrophenol	n/a	<	2	µg/L	EPA 8270C	2	4	WKL	
MO-MEI	2018/19-2	Wet	11/29/2018 6:30:00 AM	1/6/2019 11:35:00 PM	4-Nitrophenol	n/a	<	4.5	µg/L	EPA 625	4.5	50	WKL	
MO-MEI	2018/19-2	Wet	11/29/2018 6:30:00 AM	1/6/2019 11:35:00 PM	Acenaphthene	n/a	<	3.8	µg/L	EPA 625	3.8	10	WKL	
MO-MEI	2018/19-2	Wet	11/29/2018 6:30:00 AM	1/11/2019 7:36:00 PM	Acenaphthene	n/a	<	0.2	µg/L	EPA 8270C	0.2	0.2	WKL	
MO-MEI	2018/19-2	Wet	11/29/2018 6:30:00 AM	1/6/2019 11:35:00 PM	Acenaphthylene	n/a	<	4	µg/L	EPA 625	4	10	WKL	
MO-MEI	2018/19-2	Wet	11/29/2018 6:30:00 AM	1/11/2019 7:36:00 PM	Acenaphthylene	n/a	<	0.2	µg/L	EPA 8270C	0.2	0.2	WKL	
MO-MEI	2018/19-2	Wet	11/29/2018 6:30:00 AM	1/6/2019 11:35:00 PM	Anthracene	n/a	<	3.4	µg/L	EPA 625	3.4	10	WKL	
MO-MEI	2018/19-2	Wet	11/29/2018 6:30:00 AM	1/11/2019 7:36:00 PM	Anthracene	n/a	<	0.2	µg/L	EPA 8270C	0.2	0.2	WKL	
MO-MEI	2018/19-2	Wet	11/29/2018 6:30:00 AM	1/11/2019 7:36:00 PM	Benz(a)anthracene	n/a	<	0.2	µg/L	EPA 8270C	0.2	0.2	WKL	
MO-MEI	2018/19-2	Wet	11/29/2018 6:30:00 AM	1/6/2019 11:35:00 PM	Benz(a)anthracene	n/a	<	1.9	µg/L	EPA 625	1.9	10	WKL	
MO-MEI	2018/19-2	Wet	11/29/2018 6:30:00 AM	1/6/2019 11:35:00 PM	Benzdine	n/a	<	37	µg/L	EPA 625	37	100	WKL	
MO-MEI	2018/19-2	Wet	11/29/2018 6:30:00 AM	1/11/2019 7:36:00 PM	Benzo(a)pyrene	n/a	<	0.2	µg/L	EPA 8270C	0.2	0.2	WKL	
MO-MEI	2018/19-2	Wet	11/29/2018 6:30:00 AM	1/6/2019 11:35:00 PM	Benzo(a)pyrene	n/a	<	1.3	µg/L	EPA 625	1.3	10	WKL	
MO-MEI	2018/19-2	Wet	11/29/2018 6:30:00 AM	12/16/2018 1:05:00 AM	Benzo(a)pyrene	n/a	DNQ	0.17	µg/L	EPA 525.2	0.14	0.2	WKL	
MO-MEI	2018/19-2	Wet	11/29/2018 6:30:00 AM	1/6/2019 11:35:00 PM	Benzo(b)fluoranthene	n/a	<	1.4	µg/L	EPA 625	1.4	10	WKL	
MO-MEI	2018/19-2	Wet	11/29/2018 6:30:00 AM	1/11/2019 7:36:00 PM	Benzo(b)fluoranthene	n/a	<	0.2	µg/L	EPA 8270C	0.2	0.2	WKL	
MO-MEI	2018/19-2	Wet	11/29/2018 6:30:00 AM	1/6/2019 11:35:00 PM	Benzo(g,h,i)perylene	n/a	<	1	µg/L	EPA 625	1	20	WKL	
MO-MEI	2018/19-2	Wet	11/29/2018 6:30:00 AM	1/11/2019 7:36:00 PM	Benzo(g,h,i)perylene	n/a	<	0.2	µg/L	EPA 8270C	0.2	0.2	WKL	
MO-MEI	2018/19-2	Wet	11/29/2018 6:30:00 AM	1/11/2019 7:36:00 PM	Benzo(k)fluoranthene	n/a	<	0.2	µg/L	EPA 8270C	0.2	0.2	WKL	
MO-MEI	2018/19-2	Wet	11/29/2018 6:30:00 AM	1/6/2019 11:35:00 PM	Benzo(k)fluoranthene	n/a	<	2.2	µg/L	EPA 625	2.2	10	WKL	
MO-MEI	2018/19-2	Wet	11/29/2018 6:30:00 AM	1/6/2019 11:35:00 PM	Bis(2-chloroethoxy)methane	n/a	<	2.5	µg/L	EPA 625	2.5	10	WKL	
MO-MEI	2018/19-2	Wet	11/29/2018 6:30:00 AM	1/6/2019 11:35:00 PM	Bis(2-chloroethyl)ether	n/a	<	2.7	µg/L	EPA 625	2.7	10	WKL	
MO-MEI	2018/19-2	Wet	11/29/2018 6:30:00 AM	1/6/2019 11:35:00 PM	Bis(2-chloroisopropyl)ether	n/a	<	3.8	µg/L	EPA 625	3.8	10	WKL	
MO-MEI	2018/19-2	Wet	11/29/2018 6:30:00 AM	12/16/2018 1:05:00 AM	Bis(2-ethylhexyl)adipate	n/a	DNQ	0.6	µg/L	EPA 525.2	0.21	10	WKL	
MO-MEI	2018/19-2	Wet	11/29/2018 6:30:00 AM	12/16/2018 1:05:00 AM	Bis(2-ethylhexyl)phthalate	n/a	<	2.1	µg/L	EPA 525.2	2.1	6	WKL	
MO-MEI	2018/19-2	Wet	11/29/2018 6:30:00 AM	1/6/2019 11:35:00 PM	Bis(2-ethylhexyl)phthalate	n/a	<	23	µg/L	EPA 625	23	50	WKL	
MO-MEI	2018/19-2	Wet	11/29/2018 6:30:00 AM	1/6/2019 11:35:00 PM	Butyl benzyl phthalate	n/a	<	1.8	µg/L	EPA 625	1.8	10	WKL	
MO-MEI	2018/19-2	Wet	11/29/2018 6:30:00 AM	1/6/2019 11:35:00 PM	Chrysene	n/a	<	1.9	µg/L	EPA 625	1.9	10	WKL	
MO-MEI	2018/19-2	Wet	11/29/2018 6:30:00 AM	1/11/2019 7:36:00 PM	Chrysene	n/a	<	0.2	µg/L	EPA 8270C	0.2	0.2	WKL	
MO-MEI	2018/19-2	Wet	11/29/2018 6:30:00 AM	1/6/2019 11:35:00 PM	Dibenz(a,h)anthracene	n/a	<	0.8	µg/L	EPA 625	0.8	20	WKL	
MO-MEI	2018/19-2	Wet	11/29/2018 6:30:00 AM	1/11/2019 7:36:00 PM	Dibenz(a,h)anthracene	n/a	<	0.2	µg/L	EPA 8270C	0.2	0.2	WKL	
MO-MEI	2018/19-2	Wet	11/29/2018 6:30:00 AM	1/6/2019 11:35:00 PM	Diethyl phthalate	n/a	<	1.5	µg/L	EPA 625	1.5	10	WKL	
MO-MEI	2018/19-2	Wet	11/29/2018 6:30:00 AM	1/6/2019 11:35:00 PM	Dimethyl phthalate	n/a	<	1.8	µg/L	EPA 625	1.8	10	WKL	
MO-MEI	2018/19-2	Wet	11/29/2018 6:30:00 AM	1/6/2019 11:35:00 PM	Di-n-butylphthalate	n/a	<	2.4	µg/L	EPA 625	2.4	10	WKL	
MO-MEI	2018/19-2	Wet	11/29/2018 6:30:00 AM	1/6/2019 11:35:00 PM	Di-n-octylphthalate	n/a	<	1.9	µg/L	EPA 625	1.9	10	WKL	
MO-MEI	2018/19-2	Wet	11/29/2018 6:30:00 AM	1/11/2019 7:36:00 PM	Fluoranthene	n/a	<	0.2	µg/L	EPA 8270C	0.2	0.2	WKL	
MO-MEI	2018/19-2	Wet	11/29/2018 6:30:00 AM	1/6/2019 11:35:00 PM	Fluoranthene	n/a	<	2.2	µg/L	EPA 625	2.2	10	WKL	
MO-MEI	2018/19-2	Wet	11/29/2018 6:30:00 AM	1/6/2019 11:35:00 PM	Fluorene	n/a	<	3.5	µg/L	EPA 625	3.5	10	WKL	
MO-MEI	2018/19-2	Wet	11/29/2018 6:30:00 AM	1/11/2019 7:36:00 PM	Fluorene	n/a	<	0.2	µg/L	EPA 8270C	0.2	0.2	WKL	
MO-MEI	2018/19-2	Wet	11/29/2018 6:30:00 AM	1/6/2019 11:35:00 PM	Hexachlorobenzene	n/a	<	4.9	µg/L	EPA 625	4.9	10	WKL	
MO-MEI	2018/19-2	Wet	11/29/2018 6:30:00 AM	1/6/2019 11:35:00 PM	Hexachlorobutadiene	n/a	<	4.7	µg/L	EPA 625	4.7	10	WKL	
MO-MEI	2018/19-2	Wet	11/29/2018 6:30:00 AM	1/6/2019 11:35:00 PM	Hexachlorocyclopentadiene	n/a	<	15	µg/L	EPA 625	15	50	WKL	
MO-MEI	2018/19-2	Wet	11/29/2018 6:30:00 AM	1/6/2019 11:35:00 PM	Hexachloroethane	n/a	<	5.2	µg/L	EPA 625	5.2	10	WKL	
MO-MEI	2018/19-2	Wet	11/29/2018 6:30:00 AM	1/11/2019 7:36:00 PM	Indeno(1,2,3-cd)pyrene	n/a	<	0.2	µg/L	EPA 8270C	0.2	0.2	WKL	
MO-MEI	2018/19-2	Wet	11/29/2018 6:30:00 AM	1/6/2019 11:35:00 PM	Indeno(1,2,3-cd)pyrene	n/a	<	1.2	µg/L	EPA 625	1.2	20	WKL	
MO-MEI	2018/19-2	Wet	11/29/2018 6:30:00 AM	1/6/2019 11:35:00 PM	Isophorone	n/a	<	2.1	µg/L	EPA 625	2.1	10	WKL	
MO-MEI	2018/19-2	Wet	11/29/2018 6:30:00 AM	1/6/2019 11:35:00 PM	Naphthalene	n/a	<	4.9	µg/L	EPA 625	4.9	10	WKL	

Appendix G
Laboratory Environmental Analysis Results

Site ID	Event	Event Type	Sample Date	Analysis Date	Constituent	Fraction	Sign	Result	Units	Method	MDL	Reporting Limit	Analyzing Laboratory	Qualifier
MO-MEI	2018/19-2	Wet	11/29/2018 6:30:00 AM	1/11/2019 7:36:00 PM	Naphthalene	n/a	<	0.2	µg/L	EPA 8270C	0.2	0.2	WKL	
MO-MEI	2018/19-2	Wet	11/29/2018 6:30:00 AM	1/6/2019 11:35:00 PM	Nitrobenzene	n/a	<	3.6	µg/L	EPA 625	3.6	10	WKL	
MO-MEI	2018/19-2	Wet	11/29/2018 6:30:00 AM	1/6/2019 11:35:00 PM	N-Nitrosodimethylamine	n/a	<	1.4	µg/L	EPA 625	1.4	10	WKL	
MO-MEI	2018/19-2	Wet	11/29/2018 6:30:00 AM	1/6/2019 11:35:00 PM	N-Nitrosodi-N-propylamine	n/a	<	2.6	µg/L	EPA 625	2.6	10	WKL	
MO-MEI	2018/19-2	Wet	11/29/2018 6:30:00 AM	1/6/2019 11:35:00 PM	N-Nitrosodiphenylamine	n/a	<	1.9	µg/L	EPA 625	1.9	10	WKL	
MO-MEI	2018/19-2	Wet	11/29/2018 6:30:00 AM	1/6/2019 11:35:00 PM	Phenanthrene	n/a	<	3.2	µg/L	EPA 625	3.2	10	WKL	
MO-MEI	2018/19-2	Wet	11/29/2018 6:30:00 AM	1/11/2019 7:36:00 PM	Phenanthrene	n/a	<	0.2	µg/L	EPA 8270C	0.2	0.2	WKL	
MO-MEI	2018/19-2	Wet	11/29/2018 6:30:00 AM	1/11/2019 12:51:00 AM	Phenol	n/a	<	0.7	µg/L	EPA 8270C	0.7	2	WKL	
MO-MEI	2018/19-2	Wet	11/29/2018 6:30:00 AM	1/6/2019 11:35:00 PM	Phenol	n/a	=	32	µg/L	EPA 625	1.6	10	WKL	
MO-MEI	2018/19-2	Wet	11/29/2018 6:30:00 AM	1/6/2019 11:35:00 PM	Pyrene	n/a	<	2.5	µg/L	EPA 625	2.5	10	WKL	
MO-MEI	2018/19-2	Wet	11/29/2018 6:30:00 AM	1/11/2019 7:36:00 PM	Pyrene	n/a	<	0.2	µg/L	EPA 8270C	0.2	0.2	WKL	
MO-MEI	2018/19-2	Wet	11/29/2018 6:30:00 AM	12/27/2018 2:35:00 AM	PCB Aroclor 1016	n/a	<	0.5	µg/L	EPA 608	0.5	5	WKL	
MO-MEI	2018/19-2	Wet	11/29/2018 6:30:00 AM	12/27/2018 2:35:00 AM	PCB Aroclor 1221	n/a	<	0.6	µg/L	EPA 608	0.6	5	WKL	
MO-MEI	2018/19-2	Wet	11/29/2018 6:30:00 AM	12/27/2018 2:35:00 AM	PCB Aroclor 1232	n/a	<	1.5	µg/L	EPA 608	1.5	5	WKL	
MO-MEI	2018/19-2	Wet	11/29/2018 6:30:00 AM	12/27/2018 2:35:00 AM	PCB Aroclor 1242	n/a	<	0.7	µg/L	EPA 608	0.7	5	WKL	
MO-MEI	2018/19-2	Wet	11/29/2018 6:30:00 AM	12/27/2018 2:35:00 AM	PCB Aroclor 1248	n/a	<	0.6	µg/L	EPA 608	0.6	5	WKL	
MO-MEI	2018/19-2	Wet	11/29/2018 6:30:00 AM	12/27/2018 2:35:00 AM	PCB Aroclor 1254	n/a	<	0.4	µg/L	EPA 608	0.4	5	WKL	
MO-MEI	2018/19-2	Wet	11/29/2018 6:30:00 AM	12/27/2018 2:35:00 AM	PCB Aroclor 1260	n/a	<	0.4	µg/L	EPA 608	0.4	5	WKL	
MO-MEI	2018/19-2	Wet	11/29/2018 6:30:00 AM	12/19/2018 4:24:00 AM	2,4,5-T	n/a	<	0.07	µg/L	EPA 515.3	0.07	0.2	WKL	
MO-MEI	2018/19-2	Wet	11/29/2018 6:30:00 AM	12/19/2018 4:24:00 AM	2,4,5-TP	n/a	<	0.09	µg/L	EPA 515.3	0.09	0.2	WKL	
MO-MEI	2018/19-2	Wet	11/29/2018 6:30:00 AM	12/19/2018 4:24:00 AM	2,4-D	n/a	<	0.07	µg/L	EPA 515.3	0.07	0.4	WKL	
MO-MEI	2018/19-2	Wet	11/29/2018 6:30:00 AM	12/19/2018 4:24:00 AM	2,4-DB	n/a	<	0.07	µg/L	EPA 515.3	0.07	2	WKL	
MO-MEI	2018/19-2	Wet	11/29/2018 6:30:00 AM	12/19/2018 4:24:00 AM	3,5-Dichlorobenzoic acid	n/a	<	0.09	µg/L	EPA 515.3	0.09	1	WKL	
MO-MEI	2018/19-2	Wet	11/29/2018 6:30:00 AM	12/27/2018 2:35:00 AM	4,4'-DDD	n/a	<	0.03	µg/L	EPA 608	0.03	0.5	WKL	
MO-MEI	2018/19-2	Wet	11/29/2018 6:30:00 AM	12/27/2018 2:35:00 AM	4,4'-DDE	n/a	<	0.025	µg/L	EPA 608	0.025	0.5	WKL	
MO-MEI	2018/19-2	Wet	11/29/2018 6:30:00 AM	12/27/2018 2:35:00 AM	4,4'-DDT	n/a	<	0.031	µg/L	EPA 608	0.031	0.1	WKL	
MO-MEI	2018/19-2	Wet	11/29/2018 6:30:00 AM	12/19/2018 4:24:00 AM	Acifluorfen	n/a	<	0.06	µg/L	EPA 515.3	0.06	0.4	WKL	
MO-MEI	2018/19-2	Wet	11/29/2018 6:30:00 AM	12/16/2018 1:05:00 AM	Alachlor	n/a	<	0.044	µg/L	EPA 525.2	0.044	0.2	WKL	
MO-MEI	2018/19-2	Wet	11/29/2018 6:30:00 AM	12/27/2018 2:35:00 AM	Aldrin	n/a	<	0.015	µg/L	EPA 608	0.015	0.05	WKL	
MO-MEI	2018/19-2	Wet	11/29/2018 6:30:00 AM	12/27/2018 2:35:00 AM	alpha-BHC	n/a	<	0.018	µg/L	EPA 608	0.018	0.1	WKL	
MO-MEI	2018/19-2	Wet	11/29/2018 6:30:00 AM	12/27/2018 2:35:00 AM	alpha-Chlordane	n/a	<	0.041	µg/L	EPA 608	0.041	0.1	WKL	
MO-MEI	2018/19-2	Wet	11/29/2018 6:30:00 AM	12/16/2018 1:05:00 AM	Atrazine	n/a	<	0.068	µg/L	EPA 525.2	0.068	0.2	WKL	
MO-MEI	2018/19-2	Wet	11/29/2018 6:30:00 AM	12/19/2018 3:54:00 PM	Azinphos methyl	n/a	<	0.0055	µg/L	EPA 525.2m	0.0055	0.01	WKL	
MO-MEI	2018/19-2	Wet	11/29/2018 6:30:00 AM	12/19/2018 4:24:00 AM	Bentazon	n/a	<	0.11	µg/L	EPA 515.3	0.11	2	WKL	
MO-MEI	2018/19-2	Wet	11/29/2018 6:30:00 AM	12/27/2018 2:35:00 AM	beta-BHC	n/a	<	0.031	µg/L	EPA 608	0.031	0.05	WKL	
MO-MEI	2018/19-2	Wet	11/29/2018 6:30:00 AM	12/19/2018 3:54:00 PM	Bolstar	n/a	<	0.0046	µg/L	EPA 525.2m	0.0046	0.01	WKL	
MO-MEI	2018/19-2	Wet	11/29/2018 6:30:00 AM	12/16/2018 1:05:00 AM	Bromacil	n/a	<	0.076	µg/L	EPA 525.2	0.076	2	WKL	
MO-MEI	2018/19-2	Wet	11/29/2018 6:30:00 AM	12/16/2018 1:05:00 AM	Butachlor	n/a	<	0.034	µg/L	EPA 525.2	0.034	0.4	WKL	
MO-MEI	2018/19-2	Wet	11/29/2018 6:30:00 AM	12/16/2018 1:05:00 AM	Captan	n/a	<	1.7	µg/L	EPA 525.2	1.7	2	WKL	
MO-MEI	2018/19-2	Wet	11/29/2018 6:30:00 AM	12/27/2018 2:35:00 AM	Chlordane (technical)	n/a	<	0.8	µg/L	EPA 608	0.8	1	WKL	
MO-MEI	2018/19-2	Wet	11/29/2018 6:30:00 AM	12/16/2018 1:05:00 AM	Chlorpropham	n/a	<	0.02	µg/L	EPA 525.2	0.02	0.2	WKL	
MO-MEI	2018/19-2	Wet	11/29/2018 6:30:00 AM	12/19/2018 3:54:00 PM	Chlorpyrifos	n/a	<	0.0069	µg/L	EPA 525.2m	0.0069	0.01	WKL	
MO-MEI	2018/19-2	Wet	11/29/2018 6:30:00 AM	12/19/2018 3:54:00 PM	Coumaphos	n/a	<	0.0051	µg/L	EPA 525.2m	0.0051	0.01	WKL	
MO-MEI	2018/19-2	Wet	11/29/2018 6:30:00 AM	12/16/2018 1:05:00 AM	Cyanazine	n/a	<	0.048	µg/L	EPA 525.2	0.048	0.2	WKL	
MO-MEI	2018/19-2	Wet	11/29/2018 6:30:00 AM	12/19/2018 4:24:00 AM	Dalapon	n/a	<	0.1	µg/L	EPA 515.3	0.1	0.4	WKL	
MO-MEI	2018/19-2	Wet	11/29/2018 6:30:00 AM	12/19/2018 4:24:00 AM	DCPA (Dacthal)	n/a	<	0.07	µg/L	EPA 515.3	0.07	0.1	WKL	
MO-MEI	2018/19-2	Wet	11/29/2018 6:30:00 AM	12/27/2018 2:35:00 AM	delta-BHC	n/a	<	0.025	µg/L	EPA 608	0.025	0.05	WKL	
MO-MEI	2018/19-2	Wet	11/29/2018 6:30:00 AM	12/19/2018 3:54:00 PM	Demeton-O	n/a	<	0.01	µg/L	EPA 525.2m	0.01	0.01	WKL	

Appendix G
Laboratory Environmental Analysis Results

Site ID	Event	Event Type	Sample Date	Analysis Date	Constituent	Fraction	Sign	Result	Units	Method	MDL	Reporting Limit	Analyzing Laboratory	Qualifier
MO-MEI	2018/19-2	Wet	11/29/2018 6:30:00 AM	12/19/2018 3:54:00 PM	Demeton-S	n/a	<	0.01	µg/L	EPA 525.2m	0.01	0.01	WKL	
MO-MEI	2018/19-2	Wet	11/29/2018 6:30:00 AM	12/16/2018 1:05:00 AM	Diazinon	n/a	<	0.19	µg/L	EPA 525.2	0.19	0.2	WKL	
MO-MEI	2018/19-2	Wet	11/29/2018 6:30:00 AM	12/19/2018 3:54:00 PM	Diazinon	n/a	<	0.0052	µg/L	EPA 525.2m	0.0052	0.01	WKL	
MO-MEI	2018/19-2	Wet	11/29/2018 6:30:00 AM	12/19/2018 4:24:00 AM	Dicamba	n/a	<	0.12	µg/L	EPA 515.3	0.12	0.6	WKL	
MO-MEI	2018/19-2	Wet	11/29/2018 6:30:00 AM	12/19/2018 4:24:00 AM	Dichlorprop	n/a	<	0.08	µg/L	EPA 515.3	0.08	0.3	WKL	
MO-MEI	2018/19-2	Wet	11/29/2018 6:30:00 AM	12/19/2018 3:54:00 PM	Dichlorvos	n/a	DNQ	0.0068	µg/L	EPA 525.2m	0.0029	0.01	WKL	
MO-MEI	2018/19-2	Wet	11/29/2018 6:30:00 AM	12/27/2018 2:35:00 AM	Dieldrin	n/a	<	0.021	µg/L	EPA 608	0.021	0.1	WKL	
MO-MEI	2018/19-2	Wet	11/29/2018 6:30:00 AM	12/19/2018 3:54:00 PM	Dimethoate	n/a	<	0.0062	µg/L	EPA 525.2m	0.0062	0.01	WKL	
MO-MEI	2018/19-2	Wet	11/29/2018 6:30:00 AM	12/16/2018 1:05:00 AM	Dimethoate	n/a	<	0.048	µg/L	EPA 525.2	0.048	0.4	WKL	
MO-MEI	2018/19-2	Wet	11/29/2018 6:30:00 AM	12/19/2018 4:24:00 AM	Dinoseb	n/a	<	0.14	µg/L	EPA 515.3	0.14	0.4	WKL	
MO-MEI	2018/19-2	Wet	11/29/2018 6:30:00 AM	12/16/2018 1:05:00 AM	Diphenamid	n/a	<	0.048	µg/L	EPA 525.2	0.048	0.2	WKL	
MO-MEI	2018/19-2	Wet	11/29/2018 6:30:00 AM	12/16/2018 1:05:00 AM	Disulfoton	n/a	<	0.062	µg/L	EPA 525.2	0.062	0.2	WKL	
MO-MEI	2018/19-2	Wet	11/29/2018 6:30:00 AM	12/19/2018 3:54:00 PM	Disulfoton	n/a	<	0.01	µg/L	EPA 525.2m	0.01	0.01	WKL	
MO-MEI	2018/19-2	Wet	11/29/2018 6:30:00 AM	12/27/2018 2:35:00 AM	Endosulfan I	n/a	<	0.017	µg/L	EPA 608	0.017	0.2	WKL	
MO-MEI	2018/19-2	Wet	11/29/2018 6:30:00 AM	12/27/2018 2:35:00 AM	Endosulfan II	n/a	<	0.019	µg/L	EPA 608	0.019	0.1	WKL	
MO-MEI	2018/19-2	Wet	11/29/2018 6:30:00 AM	12/27/2018 2:35:00 AM	Endosulfan sulfate	n/a	<	0.08	µg/L	EPA 608	0.08	0.5	WKL	
MO-MEI	2018/19-2	Wet	11/29/2018 6:30:00 AM	12/27/2018 2:35:00 AM	Endrin	n/a	<	0.028	µg/L	EPA 608	0.028	0.1	WKL	
MO-MEI	2018/19-2	Wet	11/29/2018 6:30:00 AM	12/27/2018 2:35:00 AM	Endrin aldehyde	n/a	<	0.03	µg/L	EPA 608	0.03	0.1	WKL	
MO-MEI	2018/19-2	Wet	11/29/2018 6:30:00 AM	12/16/2018 1:05:00 AM	EPTC	n/a	<	0.034	µg/L	EPA 525.2	0.034	2	WKL	
MO-MEI	2018/19-2	Wet	11/29/2018 6:30:00 AM	12/19/2018 3:54:00 PM	Ethoprop	n/a	<	0.0067	µg/L	EPA 525.2m	0.0067	0.01	WKL	
MO-MEI	2018/19-2	Wet	11/29/2018 6:30:00 AM	12/19/2018 3:54:00 PM	Ethyl parathion	n/a	<	0.0054	µg/L	EPA 525.2m	0.0054	0.01	WKL	
MO-MEI	2018/19-2	Wet	11/29/2018 6:30:00 AM	12/27/2018 2:35:00 AM	Fensulfothion	n/a	<	0.0029	µg/L	EPA 525.2m	0.0029	0.01	WKL	
MO-MEI	2018/19-2	Wet	11/29/2018 6:30:00 AM	12/19/2018 3:54:00 PM	Fenthion	n/a	<	0.0038	µg/L	EPA 525.2m	0.0038	0.01	WKL	
MO-MEI	2018/19-2	Wet	11/29/2018 6:30:00 AM	12/27/2018 2:35:00 AM	gamma-BHC (Lindane)	n/a	<	0.021	µg/L	EPA 608	0.021	0.2	WKL	
MO-MEI	2018/19-2	Wet	11/29/2018 6:30:00 AM	12/27/2018 2:35:00 AM	gamma-Chlordane	n/a	<	0.044	µg/L	EPA 608	0.044	0.1	WKL	
MO-MEI	2018/19-2	Wet	11/29/2018 6:30:00 AM	12/7/2018 11:30:00 PM	Glyphosate	n/a	=	6.8	µg/L	EPA 547	1.8	5	WKL	
MO-MEI	2018/19-2	Wet	11/29/2018 6:30:00 AM	12/27/2018 2:35:00 AM	Heptachlor	n/a	<	0.017	µg/L	EPA 608	0.017	0.1	WKL	
MO-MEI	2018/19-2	Wet	11/29/2018 6:30:00 AM	12/27/2018 2:35:00 AM	Heptachlor epoxide	n/a	<	0.019	µg/L	EPA 608	0.019	0.1	WKL	
MO-MEI	2018/19-2	Wet	11/29/2018 6:30:00 AM	12/19/2018 3:54:00 PM	Malathion	n/a	DNQ	0.0078	µg/L	EPA 525.2m	0.0076	0.01	WKL	
MO-MEI	2018/19-2	Wet	11/29/2018 6:30:00 AM	12/19/2018 3:54:00 PM	Merphos	n/a	<	0.0058	µg/L	EPA 525.2m	0.0058	0.01	WKL	
MO-MEI	2018/19-2	Wet	11/29/2018 6:30:00 AM	12/27/2018 2:35:00 AM	Methoxychlor	n/a	<	0.054	µg/L	EPA 608	0.054	0.2	WKL	
MO-MEI	2018/19-2	Wet	11/29/2018 6:30:00 AM	12/19/2018 3:54:00 PM	Methyl parathion	n/a	<	0.0063	µg/L	EPA 525.2m	0.0063	0.01	WKL	
MO-MEI	2018/19-2	Wet	11/29/2018 6:30:00 AM	12/16/2018 1:05:00 AM	Metolachlor	n/a	<	0.024	µg/L	EPA 525.2	0.024	0.2	WKL	
MO-MEI	2018/19-2	Wet	11/29/2018 6:30:00 AM	12/16/2018 1:05:00 AM	Metribuzin	n/a	<	1	µg/L	EPA 525.2	1	1	WKL	
MO-MEI	2018/19-2	Wet	11/29/2018 6:30:00 AM	12/19/2018 3:54:00 PM	Mevinphos	n/a	<	0.0042	µg/L	EPA 525.2m	0.0042	0.01	WKL	
MO-MEI	2018/19-2	Wet	11/29/2018 6:30:00 AM	12/16/2018 1:05:00 AM	Molinate	n/a	<	0.078	µg/L	EPA 525.2	0.078	0.2	WKL	
MO-MEI	2018/19-2	Wet	11/29/2018 6:30:00 AM	12/19/2018 3:54:00 PM	Naled	n/a	<	0.0076	µg/L	EPA 525.2m	0.0076	0.01	WKL	
MO-MEI	2018/19-2	Wet	11/29/2018 6:30:00 AM	1/6/2019 11:35:00 PM	Pentachlorophenol	n/a	DNQ	5	µg/L	EPA 625	1.9	10	WKL	
MO-MEI	2018/19-2	Wet	11/29/2018 6:30:00 AM	1/11/2019 12:51:00 AM	Pentachlorophenol	n/a	DNQ	1.3	µg/L	EPA 8270C	0.3	2	WKL	UL-MB
MO-MEI	2018/19-2	Wet	11/29/2018 6:30:00 AM	12/19/2018 4:24:00 AM	Pentachlorophenol	n/a	=	0.26	µg/L	EPA 515.3	0.04	0.2	WKL	
MO-MEI	2018/19-2	Wet	11/29/2018 6:30:00 AM	12/19/2018 3:54:00 PM	Phorate	n/a	<	0.003	µg/L	EPA 525.2m	0.003	0.01	WKL	
MO-MEI	2018/19-2	Wet	11/29/2018 6:30:00 AM	12/19/2018 4:24:00 AM	Picloram	n/a	<	0.05	µg/L	EPA 515.3	0.05	0.6	WKL	
MO-MEI	2018/19-2	Wet	11/29/2018 6:30:00 AM	12/16/2018 1:05:00 AM	Prometon	n/a	<	0.048	µg/L	EPA 525.2	0.048	0.4	WKL	
MO-MEI	2018/19-2	Wet	11/29/2018 6:30:00 AM	12/16/2018 1:05:00 AM	Prometryn	n/a	<	0.072	µg/L	EPA 525.2	0.072	0.2	WKL	
MO-MEI	2018/19-2	Wet	11/29/2018 6:30:00 AM	12/19/2018 3:54:00 PM	Ronnel (Fenchlorphos)	n/a	<	0.0041	µg/L	EPA 525.2m	0.0041	0.01	WKL	
MO-MEI	2018/19-2	Wet	11/29/2018 6:30:00 AM	12/16/2018 1:05:00 AM	Simazine	n/a	<	0.03	µg/L	EPA 525.2	0.03	0.2	WKL	
MO-MEI	2018/19-2	Wet	11/29/2018 6:30:00 AM	12/19/2018 3:54:00 PM	Stirophos (Tetrachlorvinphos)	n/a	<	0.0031	µg/L	EPA 525.2m	0.0031	0.01	WKL	
MO-MEI	2018/19-2	Wet	11/29/2018 6:30:00 AM	12/16/2018 1:05:00 AM	Terbacil	n/a	<	1.1	µg/L	EPA 525.2	1.1	4	WKL	

Appendix G
Laboratory Environmental Analysis Results

Site ID	Event	Event Type	Sample Date	Analysis Date	Constituent	Fraction	Sign	Result	Units	Method	MDL	Reporting Limit	Analyzing Laboratory	Qualifier
MO-MEI	2018/19-2	Wet	11/29/2018 6:30:00 AM	12/16/2018 1:05:00 AM	Thiobencarb	n/a	<	0.05	µg/L	EPA 525.2	0.05	0.4	WKL	
MO-MEI	2018/19-2	Wet	11/29/2018 6:30:00 AM	12/19/2018 3:54:00 PM	Toxaphene	n/a	<	0.0078	µg/L	EPA 525.2m	0.0078	0.01	WKL	
MO-MEI	2018/19-2	Wet	11/29/2018 6:30:00 AM	12/27/2018 2:35:00 AM	Toxaphene	n/a	<	1.2	µg/L	EPA 608	1.2	5	WKL	
MO-MEI	2018/19-2	Wet	11/29/2018 6:30:00 AM	12/19/2018 3:54:00 PM	Trichloronate	n/a	<	0.0067	µg/L	EPA 525.2m	0.0067	0.01	WKL	
MO-MEI	2018/19-2	Wet	11/29/2018 6:30:00 AM	12/16/2018 1:05:00 AM	Trithion	n/a	<	0.024	µg/L	EPA 525.2	0.024	0.2	WKL	
MO-MEI	2018/19-3	Wet	1/5/2019 8:15:00 PM	1/6/2019 5:20:00 PM	E. Coli	n/a	=	11199	MPN/100 mL	MMO-MUG	10	10	VCHCA	
MO-MEI	2018/19-3	Wet	1/5/2019 8:15:00 PM	1/6/2019 5:20:00 PM	Total Coliform	n/a	=	141360	MPN/100 mL	MMO-MUG	100	100	VCHCA	
MO-MEI	2018/19-3	Wet	1/5/2019 8:15:00 PM	1/5/2019 8:15:00 PM	Conductivity	n/a	=	45	µmhos/cm	Field Meter	-88	1	Field Crew	
MO-MEI	2018/19-3	Wet	1/5/2019 8:15:00 PM	1/11/2019 4:34:00 PM	Cyanide	Total	DNQ	0.0012	mg/L	ASTM D7511	0.0005	0.002	WKL	
MO-MEI	2018/19-3	Wet	1/5/2019 8:15:00 PM	1/5/2019 8:15:00 PM	DO	n/a	=	94.2	%	Field Meter	-88	0.1	Field Crew	
MO-MEI	2018/19-3	Wet	1/5/2019 8:15:00 PM	1/5/2019 8:15:00 PM	DO	n/a	=	10.61	mg/L	Field Meter	-88	0.3	Field Crew	
MO-MEI	2018/19-3	Wet	1/5/2019 8:15:00 PM	1/5/2019 8:15:00 PM	pH	n/a	=	7.55	pH Units	Field Meter	-88	0.01	Field Crew	
MO-MEI	2018/19-3	Wet	1/5/2019 8:15:00 PM	1/5/2019 8:15:00 PM	Salinity	n/a	<	100	mg/L	Field Meter	-88	100	Field Crew	
MO-MEI	2018/19-3	Wet	1/5/2019 8:15:00 PM	1/5/2019 8:15:00 PM	Specific Conductance	n/a	=	63.4	µmhos/cm	Field Meter	-88	1	Field Crew	
MO-MEI	2018/19-3	Wet	1/5/2019 8:15:00 PM	1/5/2019 8:15:00 PM	Temperature	n/a	=	9.9	°C	Field Meter	-88	0.1	Field Crew	
MO-MEI	2018/19-3	Wet	1/5/2019 8:15:00 PM	1/12/2019 10:08:00 AM	Gasoline Range Organics	n/a	<	0.012	mg/L	LUFT GC/MS	0.012	0.1	WKL	
MO-MEI	2018/19-3	Wet	1/5/2019 8:15:00 PM	1/11/2019 3:00:00 PM	Oil and Grease	n/a	<	1.3	mg/L	EPA 1664A	1.3	5	WKL	
MO-MEI	2018/19-3	Wet	1/5/2019 8:15:00 PM	1/8/2019 7:05:00 PM	2-Chloroethyl vinyl ether	n/a	<	0.28	µg/L	EPA 624	0.28	1	WKL	
MO-MEI	2018/19-3	Wet	1/5/2019 8:15:00 PM	1/8/2019 7:05:00 PM	Methyl tert-butyl ether (MTBE)	n/a	<	0.25	µg/L	EPA 624	0.25	1	WKL	
MO-MEI	2018/19-3	Wet	1/5/2019 8:20:00 PM	1/15/2019 10:00:00 PM	Chloride	n/a	=	6	mg/L	EPA 300.0	0.1	0.5	WKL	
MO-MEI	2018/19-3	Wet	1/5/2019 8:20:00 PM	1/15/2019 10:00:00 PM	Fluoride	n/a	DNQ	0.038	mg/L	EPA 300.0	0.02	0.1	WKL	
MO-MEI	2018/19-3	Wet	1/5/2019 8:20:00 PM	1/9/2019 6:00:00 AM	Perchlorate	n/a	<	0.95	µg/L	EPA 314.0	0.95	2	WKL	
MO-MEI	2018/19-3	Wet	1/5/2019 8:20:00 PM	1/15/2019 10:00:00 PM	Sulfate	Total	=	8	mg/L	EPA 300.0	0.1	0.5	WKL	
MO-MEI	2018/19-3	Wet	1/5/2019 8:20:00 PM	1/30/2019 10:01:00 PM	Calcium	Total	=	10.5	mg/L	EPA 200.7	0.016	0.1	WKL	
MO-MEI	2018/19-3	Wet	1/5/2019 8:20:00 PM	1/30/2019 10:01:00 PM	Magnesium	Total	=	3.9	mg/L	EPA 200.7	0.012	0.1	WKL	
MO-MEI	2018/19-3	Wet	1/5/2019 8:20:00 PM	1/30/2019 10:01:00 PM	Potassium	Total	=	5.1	mg/L	EPA 200.7	0.081	0.1	WKL	
MO-MEI	2018/19-3	Wet	1/5/2019 8:20:00 PM	1/30/2019 10:01:00 PM	Sodium	Total	=	3.5	mg/L	EPA 200.7	0.015	0.5	WKL	
MO-MEI	2018/19-3	Wet	1/5/2019 8:20:00 PM	1/11/2019 3:58:00 PM	Alkalinity as CaCO3	n/a	=	25	mg/L	SM 2320 B	0.56	2	WKL	
MO-MEI	2018/19-3	Wet	1/5/2019 8:20:00 PM	1/12/2019 12:32:00 PM	BOD	n/a	=	23	mg/L	SM 5210 B	2	2	WKL	
MO-MEI	2018/19-3	Wet	1/5/2019 8:20:00 PM	1/17/2019 11:30:00 AM	COD	n/a	=	130	mg/L	EPA 410.4	0.73	5	WKL	
MO-MEI	2018/19-3	Wet	1/5/2019 8:20:00 PM	1/31/2019 4:14:00 AM	Dissolved Inorganic Carbon	Dissolved	=	11	mg/L	SM 5310 B	0.65	1	TestAmerica	
MO-MEI	2018/19-3	Wet	1/5/2019 8:20:00 PM	1/31/2019 1:12:10 PM	Dissolved Organic Carbon	Dissolved	=	13	mg/L	SM 5310 B	0.65	1	TestAmerica	
MO-MEI	2018/19-3	Wet	1/5/2019 8:20:00 PM	1/30/2019 10:01:00 PM	Hardness as CaCO3	Total	=	42.3	mg/L	EPA 200.7	0.0894	0.662	WKL	
MO-MEI	2018/19-3	Wet	1/5/2019 8:20:00 PM	1/7/2019 2:48:00 PM	MBAS	n/a	=	0.09	mg/L	SM 5540 C	0.019	0.05	WKL	
MO-MEI	2018/19-3	Wet	1/5/2019 8:20:00 PM	1/17/2019 5:46:00 PM	Phenolics	n/a	=	0.02	mg/L	EPA 420.4	0.0042	0.01	WKL	
MO-MEI	2018/19-3	Wet	1/5/2019 8:20:00 PM	1/10/2019 11:39:00 AM	Specific Conductance	n/a	=	91	µmhos/cm	SM 2510 B	0.23	2	WKL	
MO-MEI	2018/19-3	Wet	1/5/2019 8:20:00 PM	1/7/2019 6:56:00 PM	Total Chlorine Residual	n/a	<	0.0015	mg/L	SM 4500-Cl G	0.0015	0.05	WKL	EST-HT
MO-MEI	2018/19-3	Wet	1/5/2019 8:20:00 PM	1/10/2019 2:32:00 PM	Total Dissolved Solids	n/a	=	71	mg/L	SM 2540 C	4	10	WKL	
MO-MEI	2018/19-3	Wet	1/5/2019 8:20:00 PM	1/31/2019 2:32:00 PM	Total Organic Carbon	n/a	=	17	mg/L	SM 5310 B	0.21	0.3	MCA	
MO-MEI	2018/19-3	Wet	1/5/2019 8:20:00 PM	1/8/2019 1:30:00 PM	Total Suspended Solids	n/a	=	250	mg/L	SM 2540 D	-88	5	WKL	
MO-MEI	2018/19-3	Wet	1/5/2019 8:20:00 PM	1/7/2019 11:44:00 AM	Turbidity	n/a	=	53	NTU	EPA 180.1	0.048	0.2	WKL	
MO-MEI	2018/19-3	Wet	1/5/2019 8:20:00 PM	1/8/2019 1:30:00 PM	Volatile Suspended Solids	n/a	=	74	mg/L	EPA 160.4	3.1	5	WKL	
MO-MEI	2018/19-3	Wet	1/5/2019 8:20:00 PM	1/23/2019 12:59:00 AM	Diesel Range Organics	n/a	DNQ	0.36	mg/L	EPA 8015D	0.12	0.5	WKL	UL-MB
MO-MEI	2018/19-3	Wet	1/5/2019 8:20:00 PM	1/23/2019 12:59:00 AM	Oil Range Organics	n/a	<	1.6	mg/L	EPA 8015D	1.6	2.5	WKL	
MO-MEI	2018/19-3	Wet	1/5/2019 8:20:00 PM	2/4/2019 6:41:00 PM	Aluminum	Dissolved	=	53	µg/L	EPA 200.8	1.3	5	WKL	
MO-MEI	2018/19-3	Wet	1/5/2019 8:20:00 PM	2/4/2019 9:49:00 PM	Aluminum	Total	=	5900	µg/L	EPA 200.8	1.3	5	WKL	
MO-MEI	2018/19-3	Wet	1/5/2019 8:20:00 PM	2/4/2019 6:41:00 PM	Antimony	Dissolved	DNQ	0.3	µg/L	EPA 200.8	0.045	0.5	WKL	
MO-MEI	2018/19-3	Wet	1/5/2019 8:20:00 PM	2/4/2019 9:49:00 PM	Antimony	Total	=	0.65	µg/L	EPA 200.8	0.045	0.5	WKL	

Appendix G
Laboratory Environmental Analysis Results

Site ID	Event	Event Type	Sample Date	Analysis Date	Constituent	Fraction	Sign	Result	Units	Method	MDL	Reporting Limit	Analyzing Laboratory	Qualifier
MO-MEI	2018/19-3	Wet	1/5/2019 8:20:00 PM	2/4/2019 6:41:00 PM	Arsenic	Dissolved	=	0.69	µg/L	EPA 200.8	0.074	0.4	WKL	
MO-MEI	2018/19-3	Wet	1/5/2019 8:20:00 PM	2/4/2019 9:49:00 PM	Arsenic	Total	=	1.9	µg/L	EPA 200.8	0.074	0.4	WKL	
MO-MEI	2018/19-3	Wet	1/5/2019 8:20:00 PM	2/4/2019 9:49:00 PM	Barium	Total	=	88	µg/L	EPA 200.8	0.071	0.5	WKL	
MO-MEI	2018/19-3	Wet	1/5/2019 8:20:00 PM	2/4/2019 6:41:00 PM	Beryllium	Dissolved	<	0.033	µg/L	EPA 200.8	0.033	0.1	WKL	
MO-MEI	2018/19-3	Wet	1/5/2019 8:20:00 PM	2/4/2019 9:49:00 PM	Beryllium	Total	=	0.18	µg/L	EPA 200.8	0.033	0.1	WKL	
MO-MEI	2018/19-3	Wet	1/5/2019 8:20:00 PM	2/4/2019 6:41:00 PM	Cadmium	Dissolved	<	0.041	µg/L	EPA 200.8	0.041	0.1	WKL	
MO-MEI	2018/19-3	Wet	1/5/2019 8:20:00 PM	2/4/2019 9:49:00 PM	Cadmium	Total	=	0.2	µg/L	EPA 200.8	0.041	0.1	WKL	
MO-MEI	2018/19-3	Wet	1/5/2019 8:20:00 PM	2/4/2019 6:41:00 PM	Chromium	Dissolved	=	0.44	µg/L	EPA 200.8	0.035	0.2	WKL	
MO-MEI	2018/19-3	Wet	1/5/2019 8:20:00 PM	2/4/2019 9:49:00 PM	Chromium	Total	=	9	µg/L	EPA 200.8	0.035	0.2	WKL	
MO-MEI	2018/19-3	Wet	1/5/2019 8:20:00 PM	1/18/2019 2:16:00 PM	Chromium VI	n/a	=	0.24	µg/L	EPA 218.6	0.0096	0.04	WKL	
MO-MEI	2018/19-3	Wet	1/5/2019 8:20:00 PM	2/4/2019 6:41:00 PM	Copper	Dissolved	=	6.2	µg/L	EPA 200.8	0.13	0.5	WKL	
MO-MEI	2018/19-3	Wet	1/5/2019 8:20:00 PM	2/4/2019 9:49:00 PM	Copper	Total	=	20	µg/L	EPA 200.8	0.13	0.5	WKL	
MO-MEI	2018/19-3	Wet	1/5/2019 8:20:00 PM	1/30/2019 9:18:00 PM	Iron	Dissolved	=	68	µg/L	EPA 200.7	1.1	10	WKL	
MO-MEI	2018/19-3	Wet	1/5/2019 8:20:00 PM	1/30/2019 10:01:00 PM	Iron	Total	=	6100	µg/L	EPA 200.7	1.1	10	WKL	
MO-MEI	2018/19-3	Wet	1/5/2019 8:20:00 PM	2/4/2019 6:41:00 PM	Lead	Dissolved	=	0.32	µg/L	EPA 200.8	0.031	0.2	WKL	
MO-MEI	2018/19-3	Wet	1/5/2019 8:20:00 PM	2/4/2019 9:49:00 PM	Lead	Total	=	8.6	µg/L	EPA 200.8	0.031	0.2	WKL	
MO-MEI	2018/19-3	Wet	1/5/2019 8:20:00 PM	1/10/2019 4:04:00 PM	Mercury	Dissolved	<	17	ng/L	EPA 245.1	17	50	WKL	
MO-MEI	2018/19-3	Wet	1/5/2019 8:20:00 PM	1/10/2019 4:06:00 PM	Mercury	Total	DNQ	33	ng/L	EPA 245.1	17	50	WKL	
MO-MEI	2018/19-3	Wet	1/5/2019 8:20:00 PM	2/4/2019 6:41:00 PM	Nickel	Dissolved	=	1.8	µg/L	EPA 200.8	0.045	0.8	WKL	
MO-MEI	2018/19-3	Wet	1/5/2019 8:20:00 PM	2/4/2019 9:49:00 PM	Nickel	Total	=	13	µg/L	EPA 200.8	0.045	0.8	WKL	
MO-MEI	2018/19-3	Wet	1/5/2019 8:20:00 PM	2/4/2019 6:41:00 PM	Selenium	Dissolved	<	0.14	µg/L	EPA 200.8	0.14	0.4	WKL	
MO-MEI	2018/19-3	Wet	1/5/2019 8:20:00 PM	2/4/2019 9:49:00 PM	Selenium	Total	DNQ	0.21	µg/L	EPA 200.8	0.14	0.4	WKL	
MO-MEI	2018/19-3	Wet	1/5/2019 8:20:00 PM	2/4/2019 6:41:00 PM	Silver	Dissolved	<	0.062	µg/L	EPA 200.8	0.062	0.2	WKL	
MO-MEI	2018/19-3	Wet	1/5/2019 8:20:00 PM	2/4/2019 9:49:00 PM	Silver	Total	DNQ	0.1	µg/L	EPA 200.8	0.062	0.2	WKL	
MO-MEI	2018/19-3	Wet	1/5/2019 8:20:00 PM	2/4/2019 6:41:00 PM	Thallium	Dissolved	<	0.014	µg/L	EPA 200.8	0.014	0.2	WKL	
MO-MEI	2018/19-3	Wet	1/5/2019 8:20:00 PM	2/4/2019 9:49:00 PM	Thallium	Total	DNQ	0.05	µg/L	EPA 200.8	0.014	0.2	WKL	
MO-MEI	2018/19-3	Wet	1/5/2019 8:20:00 PM	2/4/2019 6:41:00 PM	Zinc	Dissolved	=	23	µg/L	EPA 200.8	0.94	5	WKL	
MO-MEI	2018/19-3	Wet	1/5/2019 8:20:00 PM	2/4/2019 9:49:00 PM	Zinc	Total	=	120	µg/L	EPA 200.8	0.94	5	WKL	
MO-MEI	2018/19-3	Wet	1/5/2019 8:20:00 PM	1/15/2019 6:47:00 PM	Ammonia as N	n/a	=	0.46	mg/L	EPA 350.1	0.048	0.1	WKL	
MO-MEI	2018/19-3	Wet	1/5/2019 8:20:00 PM	1/12/2019 10:05:00 AM	Nitrate + Nitrite as N	n/a	=	0.63	mg/L	EPA 353.2	0.083	0.2	WKL	
MO-MEI	2018/19-3	Wet	1/5/2019 8:20:00 PM	1/17/2019 6:59:00 PM	Phosphorus as P	Dissolved	=	0.21	mg/L	EPA 200.7	0.012	0.02	WKL	
MO-MEI	2018/19-3	Wet	1/5/2019 8:20:00 PM	1/17/2019 7:02:00 PM	Phosphorus as P	Total	=	0.6	mg/L	EPA 200.7	0.012	0.02	WKL	
MO-MEI	2018/19-3	Wet	1/5/2019 8:20:00 PM	1/12/2019 1:50:00 PM	TKN	n/a	=	1.5	mg/L	EPA 351.2	0.05	0.1	WKL	
MO-MEI	2018/19-3	Wet	1/5/2019 8:20:00 PM	1/30/2019 3:21:00 AM	1,2,4-Trichlorobenzene	n/a	<	2.8	µg/L	EPA 625	2.8	5	WKL	
MO-MEI	2018/19-3	Wet	1/5/2019 8:20:00 PM	1/30/2019 3:21:00 AM	1,2-Dichlorobenzene	n/a	<	2.8	µg/L	EPA 625	2.8	5	WKL	
MO-MEI	2018/19-3	Wet	1/5/2019 8:20:00 PM	1/30/2019 3:21:00 AM	1,2-Diphenylhydrazine	n/a	<	1.2	µg/L	EPA 625	1.2	5	WKL	
MO-MEI	2018/19-3	Wet	1/5/2019 8:20:00 PM	1/30/2019 3:21:00 AM	1,3-Dichlorobenzene	n/a	<	2.6	µg/L	EPA 625	2.6	5	WKL	
MO-MEI	2018/19-3	Wet	1/5/2019 8:20:00 PM	1/30/2019 3:21:00 AM	1,4-Dichlorobenzene	n/a	<	2.8	µg/L	EPA 625	2.8	5	WKL	
MO-MEI	2018/19-3	Wet	1/5/2019 8:20:00 PM	2/1/2019 11:08:00 PM	1-Methylnaphthalene	n/a	<	0.5	µg/L	EPA 8270C	0.5	0.5	WKL	
MO-MEI	2018/19-3	Wet	1/5/2019 8:20:00 PM	2/5/2019 11:22:00 PM	2,4,5-Trichlorophenol	n/a	<	1.4	µg/L	EPA 8270C	1.4	5	WKL	
MO-MEI	2018/19-3	Wet	1/5/2019 8:20:00 PM	2/5/2019 11:22:00 PM	2,4,6-Trichlorophenol	n/a	<	1.5	µg/L	EPA 8270C	1.5	5	WKL	
MO-MEI	2018/19-3	Wet	1/5/2019 8:20:00 PM	1/30/2019 3:21:00 AM	2,4,6-Trichlorophenol	n/a	<	1.1	µg/L	EPA 625	1.1	5	WKL	
MO-MEI	2018/19-3	Wet	1/5/2019 8:20:00 PM	1/30/2019 3:21:00 AM	2,4-Dichlorophenol	n/a	<	1.3	µg/L	EPA 625	1.3	5	WKL	
MO-MEI	2018/19-3	Wet	1/5/2019 8:20:00 PM	2/5/2019 11:22:00 PM	2,4-Dichlorophenol	n/a	<	2.6	µg/L	EPA 8270C	2.6	5	WKL	
MO-MEI	2018/19-3	Wet	1/5/2019 8:20:00 PM	1/30/2019 3:21:00 AM	2,4-Dimethylphenol	n/a	<	1.5	µg/L	EPA 625	1.5	5	WKL	
MO-MEI	2018/19-3	Wet	1/5/2019 8:20:00 PM	2/5/2019 11:22:00 PM	2,4-Dimethylphenol	n/a	<	5	µg/L	EPA 8270C	5	10	WKL	
MO-MEI	2018/19-3	Wet	1/5/2019 8:20:00 PM	1/30/2019 3:21:00 AM	2,4-Dinitrophenol	n/a	<	7.9	µg/L	EPA 625	7.9	50	WKL	
MO-MEI	2018/19-3	Wet	1/5/2019 8:20:00 PM	2/5/2019 11:22:00 PM	2,4-Dinitrophenol	n/a	<	5	µg/L	EPA 8270C	5	10	WKL	

Appendix G
Laboratory Environmental Analysis Results

Site ID	Event	Event Type	Sample Date	Analysis Date	Constituent	Fraction	Sign	Result	Units	Method	MDL	Reporting Limit	Analyzing Laboratory	Qualifier
MO-MEI	2018/19-3	Wet	1/5/2019 8:20:00 PM	1/30/2019 3:21:00 AM	2,4-Dinitrotoluene	n/a	<	0.9	µg/L	EPA 625	0.9	5	WKL	
MO-MEI	2018/19-3	Wet	1/5/2019 8:20:00 PM	1/30/2019 3:21:00 AM	2,6-Dinitrotoluene	n/a	<	1.4	µg/L	EPA 625	1.4	5	WKL	
MO-MEI	2018/19-3	Wet	1/5/2019 8:20:00 PM	1/30/2019 3:21:00 AM	2-Chloronaphthalene	n/a	<	2.2	µg/L	EPA 625	2.2	5	WKL	
MO-MEI	2018/19-3	Wet	1/5/2019 8:20:00 PM	2/5/2019 11:22:00 PM	2-Chlorophenol	n/a	<	3.2	µg/L	EPA 8270C	3.2	5	WKL	
MO-MEI	2018/19-3	Wet	1/5/2019 8:20:00 PM	1/30/2019 3:21:00 AM	2-Chlorophenol	n/a	<	1.4	µg/L	EPA 625	1.4	5	WKL	
MO-MEI	2018/19-3	Wet	1/5/2019 8:20:00 PM	2/1/2019 11:08:00 AM	2-Methylnaphthalene	n/a	<	0.5	µg/L	EPA 8270C	0.5	0.5	WKL	
MO-MEI	2018/19-3	Wet	1/5/2019 8:20:00 PM	2/5/2019 11:22:00 PM	2-Methylphenol	n/a	<	1.7	µg/L	EPA 8270C	1.7	5	WKL	
MO-MEI	2018/19-3	Wet	1/5/2019 8:20:00 PM	1/30/2019 3:21:00 AM	2-Nitrophenol	n/a	<	1.3	µg/L	EPA 625	1.3	5	WKL	
MO-MEI	2018/19-3	Wet	1/5/2019 8:20:00 PM	2/5/2019 11:22:00 PM	2-Nitrophenol	n/a	<	3.6	µg/L	EPA 8270C	3.6	5	WKL	
MO-MEI	2018/19-3	Wet	1/5/2019 8:20:00 PM	1/30/2019 3:21:00 AM	3,3'-Dichlorobenzidine	n/a	<	6	µg/L	EPA 625	6	25	WKL	
MO-MEI	2018/19-3	Wet	1/5/2019 8:20:00 PM	2/5/2019 11:22:00 PM	3-/4-Methylphenol	n/a	<	1.5	µg/L	EPA 8270C	1.5	5	WKL	
MO-MEI	2018/19-3	Wet	1/5/2019 8:20:00 PM	1/30/2019 3:21:00 AM	4,6-Dinitro-2-methylphenol	n/a	<	8.6	µg/L	EPA 625	8.6	25	WKL	
MO-MEI	2018/19-3	Wet	1/5/2019 8:20:00 PM	2/5/2019 11:22:00 PM	4,6-Dinitro-2-methylphenol	n/a	<	0.7	µg/L	EPA 8270C	0.7	5	WKL	
MO-MEI	2018/19-3	Wet	1/5/2019 8:20:00 PM	1/30/2019 3:21:00 AM	4-Bromophenyl phenyl ether	n/a	<	1.8	µg/L	EPA 625	1.8	5	WKL	
MO-MEI	2018/19-3	Wet	1/5/2019 8:20:00 PM	1/30/2019 3:21:00 AM	4-Chloro-3-methylphenol	n/a	<	1.2	µg/L	EPA 625	1.2	5	WKL	
MO-MEI	2018/19-3	Wet	1/5/2019 8:20:00 PM	2/5/2019 11:22:00 PM	4-Chloro-3-methylphenol	n/a	<	1.8	µg/L	EPA 8270C	1.8	5	WKL	
MO-MEI	2018/19-3	Wet	1/5/2019 8:20:00 PM	1/30/2019 3:21:00 AM	4-Chlorophenyl phenyl ether	n/a	<	2	µg/L	EPA 625	2	5	WKL	
MO-MEI	2018/19-3	Wet	1/5/2019 8:20:00 PM	2/5/2019 11:22:00 PM	4-Nitrophenol	n/a	<	5	µg/L	EPA 8270C	5	10	WKL	
MO-MEI	2018/19-3	Wet	1/5/2019 8:20:00 PM	1/30/2019 3:21:00 AM	4-Nitrophenol	n/a	<	2.2	µg/L	EPA 625	2.2	25	WKL	
MO-MEI	2018/19-3	Wet	1/5/2019 8:20:00 PM	2/1/2019 11:08:00 PM	Acenaphthene	n/a	<	0.5	µg/L	EPA 8270C	0.5	0.5	WKL	
MO-MEI	2018/19-3	Wet	1/5/2019 8:20:00 PM	1/30/2019 3:21:00 AM	Acenaphthene	n/a	<	1.9	µg/L	EPA 625	1.9	5	WKL	
MO-MEI	2018/19-3	Wet	1/5/2019 8:20:00 PM	2/1/2019 11:08:00 PM	Acenaphthylene	n/a	<	0.5	µg/L	EPA 8270C	0.5	0.5	WKL	
MO-MEI	2018/19-3	Wet	1/5/2019 8:20:00 PM	1/30/2019 3:21:00 AM	Acenaphthylene	n/a	<	2	µg/L	EPA 625	2	5	WKL	
MO-MEI	2018/19-3	Wet	1/5/2019 8:20:00 PM	2/1/2019 11:08:00 PM	Anthracene	n/a	<	0.5	µg/L	EPA 8270C	0.5	0.5	WKL	
MO-MEI	2018/19-3	Wet	1/5/2019 8:20:00 PM	1/30/2019 3:21:00 AM	Anthracene	n/a	<	1.7	µg/L	EPA 625	1.7	5	WKL	
MO-MEI	2018/19-3	Wet	1/5/2019 8:20:00 PM	1/30/2019 3:21:00 AM	Benz(a)anthracene	n/a	<	0.95	µg/L	EPA 625	0.95	5	WKL	
MO-MEI	2018/19-3	Wet	1/5/2019 8:20:00 PM	2/1/2019 11:08:00 PM	Benz(a)anthracene	n/a	<	0.5	µg/L	EPA 8270C	0.5	0.5	WKL	
MO-MEI	2018/19-3	Wet	1/5/2019 8:20:00 PM	1/30/2019 3:21:00 AM	Benizidine	n/a	<	18	µg/L	EPA 625	18	50	WKL	
MO-MEI	2018/19-3	Wet	1/5/2019 8:20:00 PM	2/1/2019 11:08:00 PM	Benzo(a)pyrene	n/a	<	0.5	µg/L	EPA 8270C	0.5	0.5	WKL	
MO-MEI	2018/19-3	Wet	1/5/2019 8:20:00 PM	1/30/2019 3:21:00 AM	Benzo(a)pyrene	n/a	<	0.65	µg/L	EPA 625	0.65	5	WKL	
MO-MEI	2018/19-3	Wet	1/5/2019 8:20:00 PM	2/1/2019 11:17:00 PM	Benzo(a)pyrene	n/a	<	0.35	µg/L	EPA 525.2	0.35	0.5	WKL	
MO-MEI	2018/19-3	Wet	1/5/2019 8:20:00 PM	1/30/2019 3:21:00 AM	Benzo(b)fluoranthene	n/a	<	0.7	µg/L	EPA 625	0.7	5	WKL	
MO-MEI	2018/19-3	Wet	1/5/2019 8:20:00 PM	2/1/2019 11:08:00 PM	Benzo(b)fluoranthene	n/a	<	0.5	µg/L	EPA 8270C	0.5	0.5	WKL	
MO-MEI	2018/19-3	Wet	1/5/2019 8:20:00 PM	2/1/2019 11:08:00 PM	Benzo(g,h,i)perylene	n/a	<	0.5	µg/L	EPA 8270C	0.5	0.5	WKL	
MO-MEI	2018/19-3	Wet	1/5/2019 8:20:00 PM	1/30/2019 3:21:00 AM	Benzo(g,h,i)perylene	n/a	<	0.5	µg/L	EPA 625	0.5	10	WKL	
MO-MEI	2018/19-3	Wet	1/5/2019 8:20:00 PM	1/30/2019 3:21:00 AM	Benzo(k)fluoranthene	n/a	<	1.1	µg/L	EPA 625	1.1	5	WKL	
MO-MEI	2018/19-3	Wet	1/5/2019 8:20:00 PM	2/1/2019 11:08:00 PM	Benzo(k)fluoranthene	n/a	<	0.5	µg/L	EPA 8270C	0.5	0.5	WKL	
MO-MEI	2018/19-3	Wet	1/5/2019 8:20:00 PM	1/30/2019 3:21:00 AM	Bis(2-chloroethoxy)methane	n/a	<	1.2	µg/L	EPA 625	1.2	5	WKL	
MO-MEI	2018/19-3	Wet	1/5/2019 8:20:00 PM	1/30/2019 3:21:00 AM	Bis(2-chloroethyl)ether	n/a	<	1.4	µg/L	EPA 625	1.4	5	WKL	
MO-MEI	2018/19-3	Wet	1/5/2019 8:20:00 PM	1/30/2019 3:21:00 AM	Bis(2-chloroisopropyl)ether	n/a	<	1.9	µg/L	EPA 625	1.9	5	WKL	
MO-MEI	2018/19-3	Wet	1/5/2019 8:20:00 PM	2/1/2019 11:17:00 PM	Bis(2-ethylhexyl)adipate	n/a	<	0.52	µg/L	EPA 525.2	0.52	25	WKL	
MO-MEI	2018/19-3	Wet	1/5/2019 8:20:00 PM	1/30/2019 3:21:00 AM	Bis(2-ethylhexyl)phthalate	n/a	DNQ	21	µg/L	EPA 625	12	25	WKL	
MO-MEI	2018/19-3	Wet	1/5/2019 8:20:00 PM	2/1/2019 11:17:00 PM	Bis(2-ethylhexyl)phthalate	n/a	<	5.3	µg/L	EPA 525.2	5.3	15	WKL	
MO-MEI	2018/19-3	Wet	1/5/2019 8:20:00 PM	1/30/2019 3:21:00 AM	Butyl benzyl phthalate	n/a	DNQ	1.1	µg/L	EPA 625	0.9	5	WKL	
MO-MEI	2018/19-3	Wet	1/5/2019 8:20:00 PM	2/1/2019 11:08:00 PM	Chrysene	n/a	<	0.5	µg/L	EPA 8270C	0.5	0.5	WKL	
MO-MEI	2018/19-3	Wet	1/5/2019 8:20:00 PM	1/30/2019 3:21:00 AM	Chrysene	n/a	<	0.95	µg/L	EPA 625	0.95	5	WKL	
MO-MEI	2018/19-3	Wet	1/5/2019 8:20:00 PM	1/30/2019 3:21:00 AM	Dibenz(a,h)anthracene	n/a	<	0.4	µg/L	EPA 625	0.4	10	WKL	
MO-MEI	2018/19-3	Wet	1/5/2019 8:20:00 PM	2/1/2019 11:08:00 PM	Dibenz(a,h)anthracene	n/a	<	0.5	µg/L	EPA 8270C	0.5	0.5	WKL	

Appendix G
Laboratory Environmental Analysis Results

Site ID	Event	Event Type	Sample Date	Analysis Date	Constituent	Fraction	Sign	Result	Units	Method	MDL	Reporting Limit	Analyzing Laboratory	Qualifier
MO-MEI	2018/19-3	Wet	1/5/2019 8:20:00 PM	1/30/2019 3:21:00 AM	Diethyl phthalate	n/a	<	0.75	µg/L	EPA 625	0.75	5	WKL	
MO-MEI	2018/19-3	Wet	1/5/2019 8:20:00 PM	1/30/2019 3:21:00 AM	Dimethyl phthalate	n/a	<	0.9	µg/L	EPA 625	0.9	5	WKL	
MO-MEI	2018/19-3	Wet	1/5/2019 8:20:00 PM	1/30/2019 3:21:00 AM	Di-n-butylphthalate	n/a	<	1.2	µg/L	EPA 625	1.2	5	WKL	
MO-MEI	2018/19-3	Wet	1/5/2019 8:20:00 PM	1/30/2019 3:21:00 AM	Di-n-octylphthalate	n/a	<	0.95	µg/L	EPA 625	0.95	5	WKL	
MO-MEI	2018/19-3	Wet	1/5/2019 8:20:00 PM	2/1/2019 11:08:00 PM	Fluoranthene	n/a	<	0.5	µg/L	EPA 8270C	0.5	0.5	WKL	
MO-MEI	2018/19-3	Wet	1/5/2019 8:20:00 PM	1/30/2019 3:21:00 AM	Fluoranthene	n/a	<	1.1	µg/L	EPA 625	1.1	5	WKL	
MO-MEI	2018/19-3	Wet	1/5/2019 8:20:00 PM	1/30/2019 3:21:00 AM	Fluorene	n/a	<	1.8	µg/L	EPA 625	1.8	5	WKL	
MO-MEI	2018/19-3	Wet	1/5/2019 8:20:00 PM	2/1/2019 11:08:00 PM	Fluorene	n/a	<	0.5	µg/L	EPA 8270C	0.5	0.5	WKL	
MO-MEI	2018/19-3	Wet	1/5/2019 8:20:00 PM	1/30/2019 3:21:00 AM	Hexachlorobenzene	n/a	<	2.4	µg/L	EPA 625	2.4	5	WKL	
MO-MEI	2018/19-3	Wet	1/5/2019 8:20:00 PM	1/30/2019 3:21:00 AM	Hexachlorobutadiene	n/a	<	2.4	µg/L	EPA 625	2.4	5	WKL	
MO-MEI	2018/19-3	Wet	1/5/2019 8:20:00 PM	1/30/2019 3:21:00 AM	Hexachlorocyclopentadiene	n/a	<	7.3	µg/L	EPA 625	7.3	25	WKL	
MO-MEI	2018/19-3	Wet	1/5/2019 8:20:00 PM	1/30/2019 3:21:00 AM	Hexachloroethane	n/a	<	2.6	µg/L	EPA 625	2.6	5	WKL	
MO-MEI	2018/19-3	Wet	1/5/2019 8:20:00 PM	1/30/2019 3:21:00 AM	Indeno(1,2,3-cd)pyrene	n/a	<	0.6	µg/L	EPA 625	0.6	10	WKL	
MO-MEI	2018/19-3	Wet	1/5/2019 8:20:00 PM	2/1/2019 11:08:00 PM	Indeno(1,2,3-cd)pyrene	n/a	<	0.5	µg/L	EPA 8270C	0.5	0.5	WKL	
MO-MEI	2018/19-3	Wet	1/5/2019 8:20:00 PM	1/30/2019 3:21:00 AM	Isophorone	n/a	<	1	µg/L	EPA 625	1	5	WKL	
MO-MEI	2018/19-3	Wet	1/5/2019 8:20:00 PM	1/30/2019 3:21:00 AM	Naphthalene	n/a	<	2.4	µg/L	EPA 625	2.4	5	WKL	
MO-MEI	2018/19-3	Wet	1/5/2019 8:20:00 PM	2/1/2019 11:08:00 PM	Naphthalene	n/a	<	0.5	µg/L	EPA 8270C	0.5	0.5	WKL	
MO-MEI	2018/19-3	Wet	1/5/2019 8:20:00 PM	1/30/2019 3:21:00 AM	Nitrobenzene	n/a	<	1.8	µg/L	EPA 625	1.8	5	WKL	
MO-MEI	2018/19-3	Wet	1/5/2019 8:20:00 PM	1/30/2019 3:21:00 AM	N-Nitrosodimethylamine	n/a	<	0.7	µg/L	EPA 625	0.7	5	WKL	
MO-MEI	2018/19-3	Wet	1/5/2019 8:20:00 PM	1/30/2019 3:21:00 AM	N-Nitrosodi-N-propylamine	n/a	<	1.3	µg/L	EPA 625	1.3	5	WKL	
MO-MEI	2018/19-3	Wet	1/5/2019 8:20:00 PM	1/30/2019 3:21:00 AM	N-Nitrosodiphenylamine	n/a	<	0.95	µg/L	EPA 625	0.95	5	WKL	
MO-MEI	2018/19-3	Wet	1/5/2019 8:20:00 PM	1/30/2019 3:21:00 AM	Phenanthrene	n/a	<	1.6	µg/L	EPA 625	1.6	5	WKL	
MO-MEI	2018/19-3	Wet	1/5/2019 8:20:00 PM	2/1/2019 11:08:00 PM	Phenanthrene	n/a	<	0.5	µg/L	EPA 8270C	0.5	0.5	WKL	
MO-MEI	2018/19-3	Wet	1/5/2019 8:20:00 PM	2/5/2019 11:22:00 PM	Phenol	n/a	<	1.8	µg/L	EPA 8270C	1.8	5	WKL	
MO-MEI	2018/19-3	Wet	1/5/2019 8:20:00 PM	1/30/2019 3:21:00 AM	Phenol	n/a	<	0.8	µg/L	EPA 625	0.8	5	WKL	
MO-MEI	2018/19-3	Wet	1/5/2019 8:20:00 PM	1/30/2019 3:21:00 AM	Pyrene	n/a	<	1.2	µg/L	EPA 625	1.2	5	WKL	
MO-MEI	2018/19-3	Wet	1/5/2019 8:20:00 PM	2/1/2019 11:08:00 PM	Pyrene	n/a	<	0.5	µg/L	EPA 8270C	0.5	0.5	WKL	
MO-MEI	2018/19-3	Wet	1/5/2019 8:20:00 PM	1/30/2019 10:07:00 PM	PCB Aroclor 1016	n/a	<	1	µg/L	EPA 608	1	10	WKL	
MO-MEI	2018/19-3	Wet	1/5/2019 8:20:00 PM	1/30/2019 10:07:00 PM	PCB Aroclor 1221	n/a	<	1.2	µg/L	EPA 608	1.2	10	WKL	
MO-MEI	2018/19-3	Wet	1/5/2019 8:20:00 PM	1/30/2019 10:07:00 PM	PCB Aroclor 1232	n/a	<	3	µg/L	EPA 608	3	10	WKL	
MO-MEI	2018/19-3	Wet	1/5/2019 8:20:00 PM	1/30/2019 10:07:00 PM	PCB Aroclor 1242	n/a	<	1.4	µg/L	EPA 608	1.4	10	WKL	
MO-MEI	2018/19-3	Wet	1/5/2019 8:20:00 PM	1/30/2019 10:07:00 PM	PCB Aroclor 1248	n/a	<	1.2	µg/L	EPA 608	1.2	10	WKL	
MO-MEI	2018/19-3	Wet	1/5/2019 8:20:00 PM	1/30/2019 10:07:00 PM	PCB Aroclor 1254	n/a	<	0.8	µg/L	EPA 608	0.8	10	WKL	
MO-MEI	2018/19-3	Wet	1/5/2019 8:20:00 PM	1/30/2019 10:07:00 PM	PCB Aroclor 1260	n/a	<	0.8	µg/L	EPA 608	0.8	10	WKL	
MO-MEI	2018/19-3	Wet	1/5/2019 8:20:00 PM	1/16/2019 6:57:00 AM	2,4,5-T	n/a	<	0.07	µg/L	EPA 515.3	0.07	0.2	WKL	
MO-MEI	2018/19-3	Wet	1/5/2019 8:20:00 PM	1/16/2019 6:57:00 AM	2,4,5-TP	n/a	<	0.09	µg/L	EPA 515.3	0.09	0.2	WKL	
MO-MEI	2018/19-3	Wet	1/5/2019 8:20:00 PM	1/16/2019 6:57:00 AM	2,4-D	n/a	<	0.07	µg/L	EPA 515.3	0.07	0.4	WKL	
MO-MEI	2018/19-3	Wet	1/5/2019 8:20:00 PM	1/16/2019 6:57:00 AM	2,4-DB	n/a	DNQ	1	µg/L	EPA 515.3	0.07	2	WKL	
MO-MEI	2018/19-3	Wet	1/5/2019 8:20:00 PM	1/16/2019 6:57:00 AM	3,5-Dichlorobenzoic acid	n/a	<	0.09	µg/L	EPA 515.3	0.09	1	WKL	
MO-MEI	2018/19-3	Wet	1/5/2019 8:20:00 PM	1/30/2019 10:07:00 PM	4,4'-DDD	n/a	<	0.06	µg/L	EPA 608	0.06	1	WKL	
MO-MEI	2018/19-3	Wet	1/5/2019 8:20:00 PM	1/30/2019 10:07:00 PM	4,4'-DDE	n/a	<	0.05	µg/L	EPA 608	0.05	1	WKL	
MO-MEI	2018/19-3	Wet	1/5/2019 8:20:00 PM	1/30/2019 10:07:00 PM	4,4'-DDT	n/a	<	0.062	µg/L	EPA 608	0.062	0.2	WKL	
MO-MEI	2018/19-3	Wet	1/5/2019 8:20:00 PM	1/16/2019 6:57:00 AM	Acifluorfen	n/a	<	0.06	µg/L	EPA 515.3	0.06	0.4	WKL	
MO-MEI	2018/19-3	Wet	1/5/2019 8:20:00 PM	2/1/2019 11:17:00 PM	Alachlor	n/a	<	0.11	µg/L	EPA 525.2	0.11	0.5	WKL	
MO-MEI	2018/19-3	Wet	1/5/2019 8:20:00 PM	1/30/2019 10:07:00 PM	Aldrin	n/a	<	0.03	µg/L	EPA 608	0.03	0.1	WKL	
MO-MEI	2018/19-3	Wet	1/5/2019 8:20:00 PM	1/30/2019 10:07:00 PM	alpha-BHC	n/a	<	0.036	µg/L	EPA 608	0.036	0.2	WKL	
MO-MEI	2018/19-3	Wet	1/5/2019 8:20:00 PM	1/30/2019 10:07:00 PM	alpha-Chlordane	n/a	<	0.082	µg/L	EPA 608	0.082	0.2	WKL	
MO-MEI	2018/19-3	Wet	1/5/2019 8:20:00 PM	2/1/2019 11:17:00 PM	Atrazine	n/a	<	0.17	µg/L	EPA 525.2	0.17	0.5	WKL	

Appendix G
Laboratory Environmental Analysis Results

Site ID	Event	Event Type	Sample Date	Analysis Date	Constituent	Fraction	Sign	Result	Units	Method	MDL	Reporting Limit	Analyzing Laboratory	Qualifier
MO-MEI	2018/19-3	Wet	1/5/2019 8:20:00 PM	1/26/2019 1:13:00 AM	Azinphos methyl	n/a	<	0.055	µg/L	EPA 525.2m	0.055	0.1	WKL	
MO-MEI	2018/19-3	Wet	1/5/2019 8:20:00 PM	1/16/2019 6:57:00 AM	Bentazon	n/a	<	0.11	µg/L	EPA 515.3	0.11	2	WKL	
MO-MEI	2018/19-3	Wet	1/5/2019 8:20:00 PM	1/30/2019 10:07:00 PM	beta-BHC	n/a	<	0.062	µg/L	EPA 608	0.062	0.1	WKL	
MO-MEI	2018/19-3	Wet	1/5/2019 8:20:00 PM	1/26/2019 1:13:00 AM	Bolstar	n/a	<	0.046	µg/L	EPA 525.2m	0.046	0.1	WKL	
MO-MEI	2018/19-3	Wet	1/5/2019 8:20:00 PM	2/1/2019 11:17:00 PM	Bromacil	n/a	<	0.19	µg/L	EPA 525.2	0.19	5	WKL	
MO-MEI	2018/19-3	Wet	1/5/2019 8:20:00 PM	2/1/2019 11:17:00 PM	Butachlor	n/a	<	0.085	µg/L	EPA 525.2	0.085	1	WKL	
MO-MEI	2018/19-3	Wet	1/5/2019 8:20:00 PM	2/1/2019 11:17:00 PM	Captan	n/a	<	4.3	µg/L	EPA 525.2	4.3	5	WKL	LB-LCSR
MO-MEI	2018/19-3	Wet	1/5/2019 8:20:00 PM	1/30/2019 10:07:00 PM	Chlordane (technical)	n/a	<	1.6	µg/L	EPA 608	1.6	2	WKL	
MO-MEI	2018/19-3	Wet	1/5/2019 8:20:00 PM	2/1/2019 11:17:00 PM	Chlorpropham	n/a	<	0.05	µg/L	EPA 525.2	0.05	0.5	WKL	
MO-MEI	2018/19-3	Wet	1/5/2019 8:20:00 PM	1/26/2019 1:13:00 AM	Chlorpyrifos	n/a	<	0.069	µg/L	EPA 525.2m	0.069	0.1	WKL	
MO-MEI	2018/19-3	Wet	1/5/2019 8:20:00 PM	1/26/2019 1:13:00 AM	Coumaphos	n/a	<	0.051	µg/L	EPA 525.2m	0.051	0.1	WKL	
MO-MEI	2018/19-3	Wet	1/5/2019 8:20:00 PM	2/1/2019 11:17:00 PM	Cyanazine	n/a	<	0.12	µg/L	EPA 525.2	0.12	0.5	WKL	
MO-MEI	2018/19-3	Wet	1/5/2019 8:20:00 PM	1/16/2019 6:57:00 AM	Dalapon	n/a	<	0.1	µg/L	EPA 515.3	0.1	0.4	WKL	
MO-MEI	2018/19-3	Wet	1/5/2019 8:20:00 PM	1/16/2019 6:57:00 AM	DCCA (Dacthal)	n/a	<	0.07	µg/L	EPA 515.3	0.07	0.1	WKL	
MO-MEI	2018/19-3	Wet	1/5/2019 8:20:00 PM	1/30/2019 10:07:00 PM	delta-BHC	n/a	<	0.05	µg/L	EPA 608	0.05	0.1	WKL	
MO-MEI	2018/19-3	Wet	1/5/2019 8:20:00 PM	1/26/2019 1:13:00 AM	Demeton-O	n/a	<	0.1	µg/L	EPA 525.2m	0.1	0.1	WKL	
MO-MEI	2018/19-3	Wet	1/5/2019 8:20:00 PM	1/26/2019 1:13:00 AM	Demeton-S	n/a	<	0.1	µg/L	EPA 525.2m	0.1	0.1	WKL	
MO-MEI	2018/19-3	Wet	1/5/2019 8:20:00 PM	2/1/2019 11:17:00 PM	Diazinon	n/a	<	0.48	µg/L	EPA 525.2	0.48	0.5	WKL	
MO-MEI	2018/19-3	Wet	1/5/2019 8:20:00 PM	1/26/2019 1:13:00 AM	Diazinon	n/a	<	0.052	µg/L	EPA 525.2m	0.052	0.1	WKL	
MO-MEI	2018/19-3	Wet	1/5/2019 8:20:00 PM	1/16/2019 6:57:00 AM	Dicamba	n/a	<	0.12	µg/L	EPA 515.3	0.12	0.6	WKL	
MO-MEI	2018/19-3	Wet	1/5/2019 8:20:00 PM	1/16/2019 6:57:00 AM	Dichlorprop	n/a	<	0.08	µg/L	EPA 515.3	0.08	0.3	WKL	
MO-MEI	2018/19-3	Wet	1/5/2019 8:20:00 PM	1/26/2019 1:13:00 AM	Dichlorvos	n/a	<	0.029	µg/L	EPA 525.2m	0.029	0.1	WKL	
MO-MEI	2018/19-3	Wet	1/5/2019 8:20:00 PM	1/30/2019 10:07:00 PM	Dieldrin	n/a	<	0.042	µg/L	EPA 608	0.042	0.2	WKL	
MO-MEI	2018/19-3	Wet	1/5/2019 8:20:00 PM	2/1/2019 11:17:00 PM	Dimethoate	n/a	<	0.12	µg/L	EPA 525.2	0.12	1	WKL	
MO-MEI	2018/19-3	Wet	1/5/2019 8:20:00 PM	1/26/2019 1:13:00 AM	Dimethoate	n/a	<	0.062	µg/L	EPA 525.2m	0.062	0.1	WKL	
MO-MEI	2018/19-3	Wet	1/5/2019 8:20:00 PM	1/16/2019 6:57:00 AM	Dinoseb	n/a	<	0.14	µg/L	EPA 515.3	0.14	0.4	WKL	
MO-MEI	2018/19-3	Wet	1/5/2019 8:20:00 PM	2/1/2019 11:17:00 PM	Diphenamid	n/a	<	0.12	µg/L	EPA 525.2	0.12	0.5	WKL	
MO-MEI	2018/19-3	Wet	1/5/2019 8:20:00 PM	2/1/2019 11:17:00 PM	Disulfoton	n/a	<	0.16	µg/L	EPA 525.2	0.16	0.5	WKL	
MO-MEI	2018/19-3	Wet	1/5/2019 8:20:00 PM	1/26/2019 1:13:00 AM	Disulfoton	n/a	<	0.1	µg/L	EPA 525.2m	0.1	0.1	WKL	
MO-MEI	2018/19-3	Wet	1/5/2019 8:20:00 PM	1/30/2019 10:07:00 PM	Endosulfan I	n/a	<	0.034	µg/L	EPA 608	0.034	0.4	WKL	
MO-MEI	2018/19-3	Wet	1/5/2019 8:20:00 PM	1/30/2019 10:07:00 PM	Endosulfan II	n/a	<	0.038	µg/L	EPA 608	0.038	0.2	WKL	
MO-MEI	2018/19-3	Wet	1/5/2019 8:20:00 PM	1/30/2019 10:07:00 PM	Endosulfan sulfate	n/a	<	0.16	µg/L	EPA 608	0.16	1	WKL	
MO-MEI	2018/19-3	Wet	1/5/2019 8:20:00 PM	1/30/2019 10:07:00 PM	Endrin	n/a	<	0.056	µg/L	EPA 608	0.056	0.2	WKL	
MO-MEI	2018/19-3	Wet	1/5/2019 8:20:00 PM	1/30/2019 10:07:00 PM	Endrin aldehyde	n/a	<	0.06	µg/L	EPA 608	0.06	0.2	WKL	LB-LCSR
MO-MEI	2018/19-3	Wet	1/5/2019 8:20:00 PM	2/1/2019 11:17:00 PM	EPTC	n/a	<	0.085	µg/L	EPA 525.2	0.085	5	WKL	
MO-MEI	2018/19-3	Wet	1/5/2019 8:20:00 PM	1/26/2019 1:13:00 AM	Ethoprop	n/a	<	0.067	µg/L	EPA 525.2m	0.067	0.1	WKL	
MO-MEI	2018/19-3	Wet	1/5/2019 8:20:00 PM	1/26/2019 1:13:00 AM	Ethyl parathion	n/a	<	0.054	µg/L	EPA 525.2m	0.054	0.1	WKL	
MO-MEI	2018/19-3	Wet	1/5/2019 8:20:00 PM	1/26/2019 1:13:00 AM	Fensulfothion	n/a	<	0.029	µg/L	EPA 525.2m	0.029	0.1	WKL	
MO-MEI	2018/19-3	Wet	1/5/2019 8:20:00 PM	1/26/2019 1:13:00 AM	Fenthion	n/a	<	0.038	µg/L	EPA 525.2m	0.038	0.1	WKL	
MO-MEI	2018/19-3	Wet	1/5/2019 8:20:00 PM	1/30/2019 10:07:00 PM	gamma-BHC (Lindane)	n/a	<	0.042	µg/L	EPA 608	0.042	0.4	WKL	
MO-MEI	2018/19-3	Wet	1/5/2019 8:20:00 PM	1/30/2019 10:07:00 PM	gamma-Chlordane	n/a	<	0.088	µg/L	EPA 608	0.088	0.2	WKL	
MO-MEI	2018/19-3	Wet	1/5/2019 8:20:00 PM	1/10/2019 3:47:00 AM	Glyphosate	n/a	DNQ	3.7	µg/L	EPA 547	1.8	5	WKL	
MO-MEI	2018/19-3	Wet	1/5/2019 8:20:00 PM	1/30/2019 10:07:00 PM	Heptachlor	n/a	<	0.034	µg/L	EPA 608	0.034	0.2	WKL	
MO-MEI	2018/19-3	Wet	1/5/2019 8:20:00 PM	1/30/2019 10:07:00 PM	Heptachlor epoxide	n/a	<	0.038	µg/L	EPA 608	0.038	0.2	WKL	
MO-MEI	2018/19-3	Wet	1/5/2019 8:20:00 PM	1/26/2019 1:13:00 AM	Malathion	n/a	<	0.076	µg/L	EPA 525.2m	0.076	0.1	WKL	
MO-MEI	2018/19-3	Wet	1/5/2019 8:20:00 PM	1/26/2019 1:13:00 AM	Merphos	n/a	<	0.058	µg/L	EPA 525.2m	0.058	0.1	WKL	
MO-MEI	2018/19-3	Wet	1/5/2019 8:20:00 PM	1/30/2019 10:07:00 PM	Methoxychlor	n/a	<	0.11	µg/L	EPA 608	0.11	0.4	WKL	
MO-MEI	2018/19-3	Wet	1/5/2019 8:20:00 PM	1/26/2019 1:13:00 AM	Methyl parathion	n/a	<	0.063	µg/L	EPA 525.2m	0.063	0.1	WKL	

Appendix G
Laboratory Environmental Analysis Results

Site ID	Event	Event Type	Sample Date	Analysis Date	Constituent	Fraction	Sign	Result	Units	Method	MDL	Reporting Limit	Analyzing Laboratory	Qualifier
MO-MEI	2018/19-3	Wet	1/5/2019 8:20:00 PM	2/1/2019 11:17:00 PM	Metolachlor	n/a	<	0.06	µg/L	EPA 525.2	0.06	0.5	WKL	
MO-MEI	2018/19-3	Wet	1/5/2019 8:20:00 PM	2/1/2019 11:17:00 PM	Metribuzin	n/a	DNQ	0.26	µg/L	EPA 525.2	0.075	0.5	WKL	
MO-MEI	2018/19-3	Wet	1/5/2019 8:20:00 PM	1/26/2019 1:13:00 AM	Mevinphos	n/a	<	0.042	µg/L	EPA 525.2m	0.042	0.1	WKL	
MO-MEI	2018/19-3	Wet	1/5/2019 8:20:00 PM	2/1/2019 11:17:00 PM	Molinate	n/a	<	0.2	µg/L	EPA 525.2	0.2	0.5	WKL	
MO-MEI	2018/19-3	Wet	1/5/2019 8:20:00 PM	1/26/2019 1:13:00 AM	Naled	n/a	<	0.076	µg/L	EPA 525.2m	0.076	0.1	WKL	
MO-MEI	2018/19-3	Wet	1/5/2019 8:20:00 PM	1/16/2019 6:57:00 AM	Pentachlorophenol	n/a	=	0.53	µg/L	EPA 515.3	0.04	0.2	WKL	
MO-MEI	2018/19-3	Wet	1/5/2019 8:20:00 PM	1/30/2019 3:21:00 AM	Pentachlorophenol	n/a	DNQ	2.6	µg/L	EPA 625	0.95	5	WKL	
MO-MEI	2018/19-3	Wet	1/5/2019 8:20:00 PM	2/5/2019 11:22:00 PM	Pentachlorophenol	n/a	DNQ	2.9	µg/L	EPA 8270C	0.75	5	WKL	
MO-MEI	2018/19-3	Wet	1/5/2019 8:20:00 PM	1/26/2019 1:13:00 AM	Phorate	n/a	<	0.03	µg/L	EPA 525.2m	0.03	0.1	WKL	
MO-MEI	2018/19-3	Wet	1/5/2019 8:20:00 PM	1/16/2019 6:57:00 AM	Phoram	n/a	<	0.05	µg/L	EPA 515.3	0.05	0.6	WKL	
MO-MEI	2018/19-3	Wet	1/5/2019 8:20:00 PM	2/1/2019 11:17:00 PM	Prometon	n/a	<	0.12	µg/L	EPA 525.2	0.12	1	WKL	
MO-MEI	2018/19-3	Wet	1/5/2019 8:20:00 PM	2/1/2019 11:17:00 PM	Prometryn	n/a	DNQ	0.23	µg/L	EPA 525.2	0.18	0.5	WKL	
MO-MEI	2018/19-3	Wet	1/5/2019 8:20:00 PM	1/26/2019 1:13:00 AM	Ronnel (Fenchlorphos)	n/a	<	0.041	µg/L	EPA 525.2m	0.041	0.1	WKL	
MO-MEI	2018/19-3	Wet	1/5/2019 8:20:00 PM	2/1/2019 11:17:00 PM	Simazine	n/a	<	0.075	µg/L	EPA 525.2	0.075	0.5	WKL	
MO-MEI	2018/19-3	Wet	1/5/2019 8:20:00 PM	1/26/2019 1:13:00 AM	Stirophos (Tetrachlorvinphos)	n/a	<	0.031	µg/L	EPA 525.2m	0.031	0.1	WKL	
MO-MEI	2018/19-3	Wet	1/5/2019 8:20:00 PM	2/1/2019 11:17:00 PM	Terbacil	n/a	<	2.8	µg/L	EPA 525.2	2.8	10	WKL	
MO-MEI	2018/19-3	Wet	1/5/2019 8:20:00 PM	2/1/2019 11:17:00 PM	Thiobencarb	n/a	<	0.12	µg/L	EPA 525.2	0.12	1	WKL	
MO-MEI	2018/19-3	Wet	1/5/2019 8:20:00 PM	1/26/2019 12:10:00 AM	Tokuthion	n/a	<	0.078	µg/L	EPA 525.2m	0.078	0.1	WKL	
MO-MEI	2018/19-3	Wet	1/5/2019 8:20:00 PM	1/30/2019 10:07:00 PM	Toxaphene	n/a	<	2.4	µg/L	EPA 608	2.4	10	WKL	
MO-MEI	2018/19-3	Wet	1/5/2019 8:20:00 PM	1/26/2019 1:13:00 AM	Trichloronate	n/a	<	0.067	µg/L	EPA 525.2m	0.067	0.1	WKL	
MO-MEI	2018/19-3	Wet	1/5/2019 8:20:00 PM	2/1/2019 11:17:00 PM	Trithion	n/a	<	0.06	µg/L	EPA 525.2	0.06	0.5	WKL	
MO-MPK	2018/19-1	Wet	11/22/2018 12:10:00 AM	11/22/2018 9:00:00 PM	E. Coli	n/a	=	68670	MPN/100 mL	MMO-MUG	100	100	VCHCA	
MO-MPK	2018/19-1	Wet	11/22/2018 12:10:00 AM	11/22/2018 9:00:00 PM	Total Coliform	n/a	=	579400	MPN/100 mL	MMO-MUG	1000	1000	VCHCA	
MO-MPK	2018/19-1	Wet	11/22/2018 12:10:00 AM	11/22/2018 12:10:00 AM	Conductivity	n/a	=	1776	µmhos/cm	Field Meter	-88	1	Field Crew	
MO-MPK	2018/19-1	Wet	11/22/2018 12:10:00 AM	12/6/2018 6:55:00 PM	Cyanide	Total	=	0.0042	mg/L	ASTM D7511	0.0005	0.002	WKL	
MO-MPK	2018/19-1	Wet	11/22/2018 12:10:00 AM	11/22/2018 12:10:00 AM	DO	n/a	=	74.3	%	Field Meter	-88	0.1	Field Crew	
MO-MPK	2018/19-1	Wet	11/22/2018 12:10:00 AM	11/22/2018 12:10:00 AM	DO	n/a	=	7.55	mg/L	Field Meter	-88	0.3	Field Crew	
MO-MPK	2018/19-1	Wet	11/22/2018 12:10:00 AM	11/22/2018 12:10:00 AM	pH	n/a	=	7.81	pH Units	Field Meter	-88	0.01	Field Crew	
MO-MPK	2018/19-1	Wet	11/22/2018 12:10:00 AM	11/22/2018 12:10:00 AM	Salinity	n/a	=	1200	mg/L	Field Meter	-88	100	Field Crew	
MO-MPK	2018/19-1	Wet	11/22/2018 12:10:00 AM	11/22/2018 12:10:00 AM	Specific Conductance	n/a	=	2244	µmhos/cm	Field Meter	-88	1	Field Crew	
MO-MPK	2018/19-1	Wet	11/22/2018 12:10:00 AM	11/22/2018 12:10:00 AM	Temperature	n/a	=	13.9	°C	Field Meter	-88	0.1	Field Crew	
MO-MPK	2018/19-1	Wet	11/22/2018 12:10:00 AM	11/30/2018 10:11:00 PM	Gasoline Range Organics	n/a	<	0.012	mg/L	LUFT GC/MS	0.012	0.1	WKL	
MO-MPK	2018/19-1	Wet	11/22/2018 12:10:00 AM	12/4/2018 9:18:00 AM	Oil and Grease	n/a	<	1.3	mg/L	EPA 1664A	1.3	5	WKL	
MO-MPK	2018/19-1	Wet	11/22/2018 12:10:00 AM	11/26/2018 11:22:00 PM	2-Chloroethyl vinyl ether	n/a	<	0.28	µg/L	EPA 624	0.28	1	WKL	
MO-MPK	2018/19-1	Wet	11/22/2018 12:10:00 AM	11/26/2018 11:22:00 PM	Methyl tert-butyl ether (MTBE)	n/a	<	0.25	µg/L	EPA 624	0.25	1	WKL	
MO-MPK	2018/19-1	Wet	11/22/2018 10:00:00 AM	11/26/2018 10:00:00 PM	Chloride	n/a	=	110	mg/L	EPA 300.0	0.2	1	WKL	
MO-MPK	2018/19-1	Wet	11/22/2018 10:00:00 AM	11/26/2018 10:00:00 PM	Fluoride	n/a	=	0.57	mg/L	EPA 300.0	0.04	0.2	WKL	
MO-MPK	2018/19-1	Wet	11/22/2018 10:00:00 AM	11/29/2018 7:16:00 PM	Perchlorate	n/a	<	0.95	µg/L	EPA 314.0	0.95	2	WKL	
MO-MPK	2018/19-1	Wet	11/22/2018 10:00:00 AM	11/26/2018 10:00:00 PM	Sulfate	Total	=	74	mg/L	EPA 300.0	0.2	1	WKL	
MO-MPK	2018/19-1	Wet	11/22/2018 10:00:00 AM	11/26/2018 5:00:00 PM	Calcium	Total	=	74.4	mg/L	EPA 200.7	0.032	0.2	WKL	
MO-MPK	2018/19-1	Wet	11/22/2018 10:00:00 AM	11/26/2018 5:00:00 PM	Magnesium	Total	=	22.3	mg/L	EPA 200.7	0.024	0.2	WKL	
MO-MPK	2018/19-1	Wet	11/22/2018 10:00:00 AM	11/26/2018 5:00:00 PM	Potassium	Total	=	33	mg/L	EPA 200.7	0.16	0.2	WKL	
MO-MPK	2018/19-1	Wet	11/22/2018 10:00:00 AM	11/27/2018 1:58:00 PM	Sodium	Total	=	81	mg/L	EPA 200.7	0.03	1	WKL	
MO-MPK	2018/19-1	Wet	11/22/2018 10:00:00 AM	11/29/2018 12:30:00 PM	Alkalinity as CaCO3	n/a	=	180	mg/L	SM 2320 B	0.56	2	WKL	
MO-MPK	2018/19-1	Wet	11/22/2018 10:00:00 AM	11/28/2018 6:53:00 PM	BOD	n/a	=	91	mg/L	SM 5210 B	2	2	WKL	
MO-MPK	2018/19-1	Wet	11/22/2018 10:00:00 AM	11/27/2018 2:52:00 AM	COD	n/a	=	440	mg/L	EPA 410.4	0.73	5	WKL	
MO-MPK	2018/19-1	Wet	11/22/2018 10:00:00 AM	12/4/2018 2:24:00 PM	Dissolved Inorganic Carbon	Dissolved	=	31	mg/L	SM 5310 B	0.016	0.1	WKL	
MO-MPK	2018/19-1	Wet	11/22/2018 10:00:00 AM	12/3/2018 11:13:00 AM	Dissolved Organic Carbon	Dissolved	=	51	mg/L	SM 5310 B	0.013	0.3	WKL	

Appendix G
Laboratory Environmental Analysis Results

Site ID	Event	Event Type	Sample Date	Analysis Date	Constituent	Fraction	Sign	Result	Units	Method	MDL	Reporting Limit	Analyzing Laboratory	Qualifier
MO-MPK	2018/19-1	Wet	11/22/2018 10:00:00 AM	11/26/2018 5:00:00 PM	Hardness as CaCO3	Total	=	278	mg/L	EPA 200.7	0.179	1.32	WKL	
MO-MPK	2018/19-1	Wet	11/22/2018 10:00:00 AM	11/23/2018 6:32:00 PM	MBAS	n/a	=	0.63	mg/L	SM 5540 C	0.19	0.5	WKL	
MO-MPK	2018/19-1	Wet	11/22/2018 10:00:00 AM	12/6/2018 6:19:00 PM	Phenolics	n/a	=	0.098	mg/L	EPA 420.4	0.0084	0.02	WKL	
MO-MPK	2018/19-1	Wet	11/22/2018 10:00:00 AM	12/3/2018 12:52:00 PM	Specific Conductance	n/a	=	820	µmhos/cm	SM 2510 B	0.23	2	WKL	
MO-MPK	2018/19-1	Wet	11/22/2018 10:00:00 AM	11/27/2018 6:57:00 PM	Total Dissolved Solids	n/a	=	490	mg/L	SM 2540 C	4	10	WKL	
MO-MPK	2018/19-1	Wet	11/22/2018 10:00:00 AM	11/30/2018 12:03:00 PM	Total Organic Carbon	n/a	=	69	mg/L	SM 5310 B	0.016	0.1	WKL	
MO-MPK	2018/19-1	Wet	11/22/2018 10:00:00 AM	11/27/2018 2:15:00 PM	Total Suspended Solids	n/a	=	1200	mg/L	SM 2540 D	-88	5	WKL	
MO-MPK	2018/19-1	Wet	11/22/2018 10:00:00 AM	11/23/2018 6:35:00 PM	Turbidity	n/a	=	360	NTU	EPA 180.1	0.24	1	WKL	
MO-MPK	2018/19-1	Wet	11/22/2018 10:00:00 AM	11/27/2018 2:15:00 PM	Volatile Suspended Solids	n/a	=	240	mg/L	EPA 160.4	3.1	5	WKL	
MO-MPK	2018/19-1	Wet	11/22/2018 10:00:00 AM	12/1/2018 12:31:00 AM	Diesel Range Organics	n/a	=	0.94	mg/L	EPA 8015D	0.12	0.5	WKL	
MO-MPK	2018/19-1	Wet	11/22/2018 10:00:00 AM	12/1/2018 12:31:00 AM	Oil Range Organics	n/a	<	1.6	mg/L	EPA 8015D	1.6	2.5	WKL	
MO-MPK	2018/19-1	Wet	11/22/2018 10:00:00 AM	11/29/2018 3:36:00 PM	Aluminum	Dissolved	=	75	µg/L	EPA 200.8	1.3	5	WKL	
MO-MPK	2018/19-1	Wet	11/22/2018 10:00:00 AM	12/3/2018 6:17:00 PM	Aluminum	Total	=	18000	µg/L	EPA 200.8	26	100	WKL	
MO-MPK	2018/19-1	Wet	11/22/2018 10:00:00 AM	11/29/2018 3:36:00 PM	Antimony	Dissolved	=	1.5	µg/L	EPA 200.8	0.045	0.5	WKL	
MO-MPK	2018/19-1	Wet	11/22/2018 10:00:00 AM	11/29/2018 3:44:00 PM	Antimony	Total	=	2.9	µg/L	EPA 200.8	0.09	1	WKL	
MO-MPK	2018/19-1	Wet	11/22/2018 10:00:00 AM	11/29/2018 3:36:00 PM	Arsenic	Dissolved	=	3.3	µg/L	EPA 200.8	0.074	0.4	WKL	
MO-MPK	2018/19-1	Wet	11/22/2018 10:00:00 AM	11/29/2018 3:44:00 PM	Arsenic	Total	=	10	µg/L	EPA 200.8	0.15	0.8	WKL	
MO-MPK	2018/19-1	Wet	11/22/2018 10:00:00 AM	11/29/2018 3:44:00 PM	Barium	Total	=	320	µg/L	EPA 200.8	0.14	1	WKL	
MO-MPK	2018/19-1	Wet	11/22/2018 10:00:00 AM	11/29/2018 3:36:00 PM	Beryllium	Dissolved	<	0.033	µg/L	EPA 200.8	0.033	0.1	WKL	
MO-MPK	2018/19-1	Wet	11/22/2018 10:00:00 AM	11/29/2018 3:44:00 PM	Beryllium	Total	=	0.68	µg/L	EPA 200.8	0.066	0.2	WKL	
MO-MPK	2018/19-1	Wet	11/22/2018 10:00:00 AM	11/29/2018 3:36:00 PM	Cadmium	Dissolved	DNQ	0.084	µg/L	EPA 200.8	0.041	0.1	WKL	
MO-MPK	2018/19-1	Wet	11/22/2018 10:00:00 AM	11/29/2018 3:44:00 PM	Cadmium	Total	=	1.7	µg/L	EPA 200.8	0.082	0.2	WKL	
MO-MPK	2018/19-1	Wet	11/22/2018 10:00:00 AM	11/29/2018 3:36:00 PM	Chromium	Dissolved	=	0.84	µg/L	EPA 200.8	0.035	0.2	WKL	
MO-MPK	2018/19-1	Wet	11/22/2018 10:00:00 AM	11/29/2018 3:44:00 PM	Chromium	Total	=	32	µg/L	EPA 200.8	0.07	0.4	WKL	
MO-MPK	2018/19-1	Wet	11/22/2018 10:00:00 AM	11/30/2018 11:58:00 PM	Chromium VI	n/a	<	0.096	µg/L	EPA 218.6	0.096	0.4	WKL	
MO-MPK	2018/19-1	Wet	11/22/2018 10:00:00 AM	11/29/2018 3:36:00 PM	Copper	Dissolved	=	7.6	µg/L	EPA 200.8	0.13	0.5	WKL	
MO-MPK	2018/19-1	Wet	11/22/2018 10:00:00 AM	11/29/2018 3:44:00 PM	Copper	Total	=	56	µg/L	EPA 200.8	0.26	1	WKL	
MO-MPK	2018/19-1	Wet	11/22/2018 10:00:00 AM	11/26/2018 4:22:00 PM	Iron	Dissolved	=	270	µg/L	EPA 200.7	1.1	10	WKL	
MO-MPK	2018/19-1	Wet	11/22/2018 10:00:00 AM	11/26/2018 5:00:00 PM	Iron	Total	=	24000	µg/L	EPA 200.7	2.2	20	WKL	
MO-MPK	2018/19-1	Wet	11/22/2018 10:00:00 AM	11/29/2018 3:36:00 PM	Lead	Dissolved	=	0.61	µg/L	EPA 200.8	0.031	0.2	WKL	
MO-MPK	2018/19-1	Wet	11/22/2018 10:00:00 AM	11/29/2018 3:44:00 PM	Lead	Total	=	23	µg/L	EPA 200.8	0.062	0.4	WKL	
MO-MPK	2018/19-1	Wet	11/22/2018 10:00:00 AM	11/28/2018 3:43:00 PM	Mercury	Dissolved	<	17	ng/L	EPA 245.1	17	50	WKL	
MO-MPK	2018/19-1	Wet	11/22/2018 10:00:00 AM	11/28/2018 3:45:00 PM	Mercury	Total	=	53	ng/L	EPA 245.1	17	50	WKL	
MO-MPK	2018/19-1	Wet	11/22/2018 10:00:00 AM	11/29/2018 3:36:00 PM	Nickel	Dissolved	=	6.2	µg/L	EPA 200.8	0.045	0.8	WKL	
MO-MPK	2018/19-1	Wet	11/22/2018 10:00:00 AM	11/29/2018 3:44:00 PM	Nickel	Total	=	35	µg/L	EPA 200.8	0.09	1.6	WKL	
MO-MPK	2018/19-1	Wet	11/22/2018 10:00:00 AM	11/29/2018 3:36:00 PM	Selenium	Dissolved	=	0.82	µg/L	EPA 200.8	0.14	0.4	WKL	
MO-MPK	2018/19-1	Wet	11/22/2018 10:00:00 AM	11/29/2018 3:44:00 PM	Selenium	Total	=	1.5	µg/L	EPA 200.8	0.28	0.8	WKL	
MO-MPK	2018/19-1	Wet	11/22/2018 10:00:00 AM	11/29/2018 3:36:00 PM	Silver	Dissolved	<	0.062	µg/L	EPA 200.8	0.062	0.2	WKL	
MO-MPK	2018/19-1	Wet	11/22/2018 10:00:00 AM	11/29/2018 3:44:00 PM	Silver	Total	DNQ	0.17	µg/L	EPA 200.8	0.12	0.4	WKL	
MO-MPK	2018/19-1	Wet	11/22/2018 10:00:00 AM	11/29/2018 3:36:00 PM	Thallium	Dissolved	<	0.014	µg/L	EPA 200.8	0.014	0.2	WKL	
MO-MPK	2018/19-1	Wet	11/22/2018 10:00:00 AM	11/29/2018 3:44:00 PM	Thallium	Total	DNQ	0.25	µg/L	EPA 200.8	0.028	0.4	WKL	
MO-MPK	2018/19-1	Wet	11/22/2018 10:00:00 AM	11/29/2018 3:36:00 PM	Zinc	Dissolved	=	22	µg/L	EPA 200.8	0.94	5	WKL	
MO-MPK	2018/19-1	Wet	11/22/2018 10:00:00 AM	11/29/2018 3:44:00 PM	Zinc	Total	=	320	µg/L	EPA 200.8	1.9	10	WKL	
MO-MPK	2018/19-1	Wet	11/22/2018 10:00:00 AM	11/27/2018 4:38:00 PM	Ammonia as N	n/a	=	1.7	mg/L	EPA 350.1	0.048	0.1	WKL	
MO-MPK	2018/19-1	Wet	11/22/2018 10:00:00 AM	12/17/2018 1:10:00 PM	Nitrate + Nitrite as N	n/a	=	1.8	mg/L	EPA 353.2	0.083	0.2	WKL	
MO-MPK	2018/19-1	Wet	11/22/2018 10:00:00 AM	1/25/2019 3:06:00 PM	Phosphorus as P	Dissolved	=	0.73	mg/L	EPA 200.7	0.012	0.02	WKL	
MO-MPK	2018/19-1	Wet	11/22/2018 10:00:00 AM	1/25/2019 3:08:00 PM	Phosphorus as P	Total	=	3.2	mg/L	EPA 200.7	0.012	0.02	WKL	
MO-MPK	2018/19-1	Wet	11/22/2018 10:00:00 AM	12/19/2018 8:36:00 PM	TKN	n/a	=	6.3	mg/L	EPA 351.2	0.1	0.2	WKL	

Appendix G
Laboratory Environmental Analysis Results

Site ID	Event	Event Type	Sample Date	Analysis Date	Constituent	Fraction	Sign	Result	Units	Method	MDL	Reporting Limit	Analyzing Laboratory	Qualifier
MO-MPK	2018/19-1	Wet	11/22/2018 10:00:00 AM	12/29/2018 1:52:00 AM	1,2,4-Trichlorobenzene	n/a	<	2.8	µg/L	EPA 625	2.8	5	WKL	
MO-MPK	2018/19-1	Wet	11/22/2018 10:00:00 AM	12/29/2018 1:52:00 AM	1,2-Dichlorobenzene	n/a	<	2.8	µg/L	EPA 625	2.8	5	WKL	
MO-MPK	2018/19-1	Wet	11/22/2018 10:00:00 AM	12/29/2018 1:52:00 AM	1,2-Diphenylhydrazine	n/a	<	1.2	µg/L	EPA 625	1.2	5	WKL	
MO-MPK	2018/19-1	Wet	11/22/2018 10:00:00 AM	12/29/2018 1:52:00 AM	1,3-Dichlorobenzene	n/a	<	2.6	µg/L	EPA 625	2.6	5	WKL	
MO-MPK	2018/19-1	Wet	11/22/2018 10:00:00 AM	12/29/2018 1:52:00 AM	1,4-Dichlorobenzene	n/a	<	2.8	µg/L	EPA 625	2.8	5	WKL	
MO-MPK	2018/19-1	Wet	11/22/2018 10:00:00 AM	1/4/2019 8:34:00 AM	1-Methylnaphthalene	n/a	<	1	µg/L	EPA 8270C	1	1	WKL	
MO-MPK	2018/19-1	Wet	11/22/2018 10:00:00 AM	1/2/2019 10:30:00 PM	2,4,5-Trichlorophenol	n/a	<	2.9	µg/L	EPA 8270C	2.9	10	WKL	
MO-MPK	2018/19-1	Wet	11/22/2018 10:00:00 AM	12/29/2018 1:52:00 AM	2,4,6-Trichlorophenol	n/a	<	1.1	µg/L	EPA 625	1.1	5	WKL	
MO-MPK	2018/19-1	Wet	11/22/2018 10:00:00 AM	1/2/2019 10:30:00 PM	2,4,6-Trichlorophenol	n/a	<	3	µg/L	EPA 8270C	3	10	WKL	EST
MO-MPK	2018/19-1	Wet	11/22/2018 10:00:00 AM	12/29/2018 1:52:00 AM	2,4-Dichlorophenol	n/a	<	1.3	µg/L	EPA 625	1.3	5	WKL	
MO-MPK	2018/19-1	Wet	11/22/2018 10:00:00 AM	1/2/2019 10:30:00 PM	2,4-Dichlorophenol	n/a	<	5.1	µg/L	EPA 8270C	5.1	10	WKL	
MO-MPK	2018/19-1	Wet	11/22/2018 10:00:00 AM	12/29/2018 1:52:00 AM	2,4-Dimethylphenol	n/a	<	1.5	µg/L	EPA 625	1.5	5	WKL	
MO-MPK	2018/19-1	Wet	11/22/2018 10:00:00 AM	1/2/2019 10:30:00 PM	2,4-Dimethylphenol	n/a	<	10	µg/L	EPA 8270C	10	20	WKL	
MO-MPK	2018/19-1	Wet	11/22/2018 10:00:00 AM	12/29/2018 1:52:00 AM	2,4-Dinitrophenol	n/a	<	7.9	µg/L	EPA 625	7.9	50	WKL	
MO-MPK	2018/19-1	Wet	11/22/2018 10:00:00 AM	1/2/2019 10:30:00 PM	2,4-Dinitrophenol	n/a	<	10	µg/L	EPA 8270C	10	20	WKL	EST
MO-MPK	2018/19-1	Wet	11/22/2018 10:00:00 AM	12/29/2018 1:52:00 AM	2,4-Dinitrotoluene	n/a	<	0.9	µg/L	EPA 625	0.9	5	WKL	
MO-MPK	2018/19-1	Wet	11/22/2018 10:00:00 AM	12/29/2018 1:52:00 AM	2,6-Dinitrotoluene	n/a	<	1.4	µg/L	EPA 625	1.4	5	WKL	
MO-MPK	2018/19-1	Wet	11/22/2018 10:00:00 AM	12/29/2018 1:52:00 AM	2-Chloronaphthalene	n/a	<	2.2	µg/L	EPA 625	2.2	5	WKL	
MO-MPK	2018/19-1	Wet	11/22/2018 10:00:00 AM	12/29/2018 1:52:00 AM	2-Chlorophenol	n/a	<	1.4	µg/L	EPA 625	1.4	5	WKL	
MO-MPK	2018/19-1	Wet	11/22/2018 10:00:00 AM	1/2/2019 10:30:00 PM	2-Chlorophenol	n/a	<	6.5	µg/L	EPA 8270C	6.5	10	WKL	
MO-MPK	2018/19-1	Wet	11/22/2018 10:00:00 AM	1/4/2019 8:34:00 AM	2-Methylnaphthalene	n/a	<	1	µg/L	EPA 8270C	1	1	WKL	
MO-MPK	2018/19-1	Wet	11/22/2018 10:00:00 AM	12/29/2018 1:52:00 AM	2-Methylphenol	n/a	<	3.4	µg/L	EPA 8270C	3.4	10	WKL	
MO-MPK	2018/19-1	Wet	11/22/2018 10:00:00 AM	12/29/2018 1:52:00 AM	2-Nitrophenol	n/a	<	1.3	µg/L	EPA 625	1.3	5	WKL	
MO-MPK	2018/19-1	Wet	11/22/2018 10:00:00 AM	1/2/2019 10:30:00 PM	2-Nitrophenol	n/a	<	7.1	µg/L	EPA 8270C	7.1	10	WKL	
MO-MPK	2018/19-1	Wet	11/22/2018 10:00:00 AM	12/29/2018 1:52:00 AM	3,3'-Dichlorobenzidine	n/a	<	6	µg/L	EPA 625	6	25	WKL	
MO-MPK	2018/19-1	Wet	11/22/2018 10:00:00 AM	1/2/2019 10:30:00 PM	3-/4-Methylphenol	n/a	<	3	µg/L	EPA 8270C	3	10	WKL	
MO-MPK	2018/19-1	Wet	11/22/2018 10:00:00 AM	12/29/2018 1:52:00 AM	4,6-Dinitro-2-methylphenol	n/a	<	8.6	µg/L	EPA 625	8.6	25	WKL	
MO-MPK	2018/19-1	Wet	11/22/2018 10:00:00 AM	1/2/2019 10:30:00 PM	4,6-Dinitro-2-methylphenol	n/a	<	1.4	µg/L	EPA 8270C	1.4	10	WKL	EST
MO-MPK	2018/19-1	Wet	11/22/2018 10:00:00 AM	12/29/2018 1:52:00 AM	4-Bromophenyl phenyl ether	n/a	<	1.8	µg/L	EPA 625	1.8	5	WKL	
MO-MPK	2018/19-1	Wet	11/22/2018 10:00:00 AM	12/29/2018 1:52:00 AM	4-Chloro-3-methylphenol	n/a	<	1.2	µg/L	EPA 625	1.2	5	WKL	
MO-MPK	2018/19-1	Wet	11/22/2018 10:00:00 AM	1/2/2019 10:30:00 PM	4-Chloro-3-methylphenol	n/a	<	3.7	µg/L	EPA 8270C	3.7	10	WKL	EST
MO-MPK	2018/19-1	Wet	11/22/2018 10:00:00 AM	12/29/2018 1:52:00 AM	4-Chlorophenyl phenyl ether	n/a	<	2	µg/L	EPA 625	2	5	WKL	
MO-MPK	2018/19-1	Wet	11/22/2018 10:00:00 AM	12/29/2018 1:52:00 AM	4-Nitrophenol	n/a	<	2.2	µg/L	EPA 625	2.2	25	WKL	
MO-MPK	2018/19-1	Wet	11/22/2018 10:00:00 AM	1/2/2019 10:30:00 PM	4-Nitrophenol	n/a	<	10	µg/L	EPA 8270C	10	20	WKL	EST
MO-MPK	2018/19-1	Wet	11/22/2018 10:00:00 AM	12/29/2018 1:52:00 AM	Acenaphthene	n/a	<	1.9	µg/L	EPA 625	1.9	5	WKL	
MO-MPK	2018/19-1	Wet	11/22/2018 10:00:00 AM	1/4/2019 8:34:00 AM	Acenaphthene	n/a	<	1	µg/L	EPA 8270C	1	1	WKL	
MO-MPK	2018/19-1	Wet	11/22/2018 10:00:00 AM	12/29/2018 1:52:00 AM	Acenaphthylene	n/a	<	2	µg/L	EPA 625	2	5	WKL	
MO-MPK	2018/19-1	Wet	11/22/2018 10:00:00 AM	1/4/2019 8:34:00 AM	Acenaphthylene	n/a	<	1	µg/L	EPA 8270C	1	1	WKL	
MO-MPK	2018/19-1	Wet	11/22/2018 10:00:00 AM	1/4/2019 8:34:00 AM	Anthracene	n/a	<	1	µg/L	EPA 8270C	1	1	WKL	
MO-MPK	2018/19-1	Wet	11/22/2018 10:00:00 AM	12/29/2018 1:52:00 AM	Anthracene	n/a	<	1.7	µg/L	EPA 625	1.7	5	WKL	
MO-MPK	2018/19-1	Wet	11/22/2018 10:00:00 AM	12/29/2018 1:52:00 AM	Benz(a)anthracene	n/a	<	0.95	µg/L	EPA 625	0.95	5	WKL	
MO-MPK	2018/19-1	Wet	11/22/2018 10:00:00 AM	1/4/2019 8:34:00 AM	Benz(a)anthracene	n/a	<	1	µg/L	EPA 8270C	1	1	WKL	
MO-MPK	2018/19-1	Wet	11/22/2018 10:00:00 AM	12/29/2018 1:52:00 AM	Benzidene	n/a	<	18	µg/L	EPA 625	18	50	WKL	
MO-MPK	2018/19-1	Wet	11/22/2018 10:00:00 AM	12/14/2018 6:59:00 AM	Benzo(a)pyrene	n/a	<	0.14	µg/L	EPA 525.2	0.14	0.2	WKL	
MO-MPK	2018/19-1	Wet	11/22/2018 10:00:00 AM	12/29/2018 1:52:00 AM	Benzo(a)pyrene	n/a	<	0.65	µg/L	EPA 625	0.65	5	WKL	
MO-MPK	2018/19-1	Wet	11/22/2018 10:00:00 AM	1/4/2019 8:34:00 AM	Benzo(a)pyrene	n/a	<	1	µg/L	EPA 8270C	1	1	WKL	
MO-MPK	2018/19-1	Wet	11/22/2018 10:00:00 AM	12/29/2018 1:52:00 AM	Benzo(b)fluoranthene	n/a	<	0.7	µg/L	EPA 625	0.7	5	WKL	
MO-MPK	2018/19-1	Wet	11/22/2018 10:00:00 AM	1/4/2019 8:34:00 AM	Benzo(b)fluoranthene	n/a	<	1	µg/L	EPA 8270C	1	1	WKL	

Appendix G
Laboratory Environmental Analysis Results

Site ID	Event	Event Type	Sample Date	Analysis Date	Constituent	Fraction	Sign	Result	Units	Method	MDL	Reporting Limit	Analyzing Laboratory	Qualifier			
MO-MPK	2018/19-1	Wet	11/22/2018 10:00:00 AM	12/29/2018 1:52:00 AM	Benzo(g,h,i)perylene	n/a	<	0.5	µg/L	EPA 625	0.5	10	WKL				
MO-MPK	2018/19-1	Wet	11/22/2018 10:00:00 AM	1/4/2019 8:34:00 AM	Benzo(g,h,i)perylene	n/a	<	1	µg/L	EPA 8270C	1	1	WKL				
MO-MPK	2018/19-1	Wet	11/22/2018 10:00:00 AM	12/29/2018 1:52:00 AM	Benzo(k)fluoranthene	n/a	<	1.1	µg/L	EPA 625	1.1	5	WKL				
MO-MPK	2018/19-1	Wet	11/22/2018 10:00:00 AM	1/4/2019 8:34:00 AM	Benzo(k)fluoranthene	n/a	<	1	µg/L	EPA 8270C	1	1	WKL				
MO-MPK	2018/19-1	Wet	11/22/2018 10:00:00 AM	12/29/2018 1:52:00 AM	Bis(2-chloroethoxy)methane	n/a	<	1.2	µg/L	EPA 625	1.2	5	WKL				
MO-MPK	2018/19-1	Wet	11/22/2018 10:00:00 AM	12/29/2018 1:52:00 AM	Bis(2-chloroethyl)ether	n/a	<	1.4	µg/L	EPA 625	1.4	5	WKL				
MO-MPK	2018/19-1	Wet	11/22/2018 10:00:00 AM	12/29/2018 1:52:00 AM	Bis(2-chloroisopropyl)ether	n/a	<	1.9	µg/L	EPA 625	1.9	5	WKL				
MO-MPK	2018/19-1	Wet	11/22/2018 10:00:00 AM	12/14/2018 6:59:00 AM	Bis(2-ethylhexyl)adipate	n/a	<	0.21	µg/L	EPA 525.2	0.21	10	WKL				
MO-MPK	2018/19-1	Wet	11/22/2018 10:00:00 AM	12/14/2018 6:59:00 AM	Bis(2-ethylhexyl)phthalate	n/a	<	2.1	µg/L	EPA 525.2	2.1	6	WKL				
MO-MPK	2018/19-1	Wet	11/22/2018 10:00:00 AM	12/29/2018 1:52:00 AM	Bis(2-ethylhexyl)phthalate	n/a	DNQ	16	µg/L	EPA 625	12	25	WKL	UL-MB			
MO-MPK	2018/19-1	Wet	11/22/2018 10:00:00 AM	12/29/2018 1:52:00 AM	Butyl benzyl phthalate	n/a	DNQ	1.5	µg/L	EPA 625	0.9	5	WKL		UL-MB		
MO-MPK	2018/19-1	Wet	11/22/2018 10:00:00 AM	12/29/2018 1:52:00 AM	Chrysene	n/a	<	0.95	µg/L	EPA 625	0.95	5	WKL			UL-MB	
MO-MPK	2018/19-1	Wet	11/22/2018 10:00:00 AM	1/4/2019 8:34:00 AM	Chrysene	n/a	<	1	µg/L	EPA 8270C	1	1	WKL				UL-MB
MO-MPK	2018/19-1	Wet	11/22/2018 10:00:00 AM	12/29/2018 1:52:00 AM	Dibenz(a,h)anthracene	n/a	<	0.4	µg/L	EPA 625	0.4	10	WKL				
MO-MPK	2018/19-1	Wet	11/22/2018 10:00:00 AM	1/4/2019 8:34:00 AM	Dibenz(a,h)anthracene	n/a	<	1	µg/L	EPA 8270C	1	1	WKL	UL-MB			
MO-MPK	2018/19-1	Wet	11/22/2018 10:00:00 AM	12/29/2018 1:52:00 AM	Diethyl phthalate	n/a	<	0.75	µg/L	EPA 625	0.75	5	WKL				
MO-MPK	2018/19-1	Wet	11/22/2018 10:00:00 AM	12/29/2018 1:52:00 AM	Dimethyl phthalate	n/a	<	0.9	µg/L	EPA 625	0.9	5	WKL				
MO-MPK	2018/19-1	Wet	11/22/2018 10:00:00 AM	12/29/2018 1:52:00 AM	Di-n-butylphthalate	n/a	<	1.2	µg/L	EPA 625	1.2	5	WKL				
MO-MPK	2018/19-1	Wet	11/22/2018 10:00:00 AM	12/29/2018 1:52:00 AM	Di-n-octylphthalate	n/a	<	0.95	µg/L	EPA 625	0.95	5	WKL				
MO-MPK	2018/19-1	Wet	11/22/2018 10:00:00 AM	12/29/2018 1:52:00 AM	Fluoranthene	n/a	<	1.1	µg/L	EPA 625	1.1	5	WKL				
MO-MPK	2018/19-1	Wet	11/22/2018 10:00:00 AM	1/4/2019 8:34:00 AM	Fluoranthene	n/a	<	1	µg/L	EPA 8270C	1	1	WKL				
MO-MPK	2018/19-1	Wet	11/22/2018 10:00:00 AM	12/29/2018 1:52:00 AM	Fluorene	n/a	<	1.8	µg/L	EPA 625	1.8	5	WKL				
MO-MPK	2018/19-1	Wet	11/22/2018 10:00:00 AM	1/4/2019 8:34:00 AM	Fluorene	n/a	<	1	µg/L	EPA 8270C	1	1	WKL				
MO-MPK	2018/19-1	Wet	11/22/2018 10:00:00 AM	12/29/2018 1:52:00 AM	Hexachlorobenzene	n/a	<	2.4	µg/L	EPA 625	2.4	5	WKL				
MO-MPK	2018/19-1	Wet	11/22/2018 10:00:00 AM	12/29/2018 1:52:00 AM	Hexachlorobutadiene	n/a	<	2.4	µg/L	EPA 625	2.4	5	WKL				
MO-MPK	2018/19-1	Wet	11/22/2018 10:00:00 AM	12/29/2018 1:52:00 AM	Hexachlorocyclopentadiene	n/a	<	7.3	µg/L	EPA 625	7.3	25	WKL				
MO-MPK	2018/19-1	Wet	11/22/2018 10:00:00 AM	12/29/2018 1:52:00 AM	Hexachloroethane	n/a	<	2.6	µg/L	EPA 625	2.6	5	WKL				
MO-MPK	2018/19-1	Wet	11/22/2018 10:00:00 AM	12/29/2018 1:52:00 AM	Indeno(1,2,3-cd)pyrene	n/a	<	0.6	µg/L	EPA 625	0.6	10	WKL				
MO-MPK	2018/19-1	Wet	11/22/2018 10:00:00 AM	1/4/2019 8:34:00 AM	Indeno(1,2,3-cd)pyrene	n/a	<	1	µg/L	EPA 8270C	1	1	WKL				
MO-MPK	2018/19-1	Wet	11/22/2018 10:00:00 AM	12/29/2018 1:52:00 AM	Isophorone	n/a	<	1	µg/L	EPA 625	1	5	WKL				
MO-MPK	2018/19-1	Wet	11/22/2018 10:00:00 AM	12/29/2018 1:52:00 AM	Naphthalene	n/a	<	2.4	µg/L	EPA 625	2.4	5	WKL				
MO-MPK	2018/19-1	Wet	11/22/2018 10:00:00 AM	1/4/2019 8:34:00 AM	Naphthalene	n/a	<	1	µg/L	EPA 8270C	1	1	WKL				
MO-MPK	2018/19-1	Wet	11/22/2018 10:00:00 AM	12/29/2018 1:52:00 AM	Nitrobenzene	n/a	<	1.8	µg/L	EPA 625	1.8	5	WKL				
MO-MPK	2018/19-1	Wet	11/22/2018 10:00:00 AM	12/29/2018 1:52:00 AM	N-Nitrosodimethylamine	n/a	<	0.7	µg/L	EPA 625	0.7	5	WKL				
MO-MPK	2018/19-1	Wet	11/22/2018 10:00:00 AM	12/29/2018 1:52:00 AM	N-Nitrosodi-N-propylamine	n/a	<	1.3	µg/L	EPA 625	1.3	5	WKL				
MO-MPK	2018/19-1	Wet	11/22/2018 10:00:00 AM	12/29/2018 1:52:00 AM	N-Nitrosodiphenylamine	n/a	<	0.95	µg/L	EPA 625	0.95	5	WKL				
MO-MPK	2018/19-1	Wet	11/22/2018 10:00:00 AM	12/29/2018 1:52:00 AM	Phenanthrene	n/a	<	1.6	µg/L	EPA 625	1.6	5	WKL				
MO-MPK	2018/19-1	Wet	11/22/2018 10:00:00 AM	1/4/2019 8:34:00 AM	Phenanthrene	n/a	<	1	µg/L	EPA 8270C	1	1	WKL				
MO-MPK	2018/19-1	Wet	11/22/2018 10:00:00 AM	12/29/2018 1:52:00 AM	Phenol	n/a	<	0.8	µg/L	EPA 625	0.8	5	WKL				
MO-MPK	2018/19-1	Wet	11/22/2018 10:00:00 AM	1/2/2019 10:30:00 PM	Phenol	n/a	<	3.5	µg/L	EPA 8270C	3.5	10	WKL				
MO-MPK	2018/19-1	Wet	11/22/2018 10:00:00 AM	12/29/2018 1:52:00 AM	Pyrene	n/a	<	1.2	µg/L	EPA 625	1.2	5	WKL				
MO-MPK	2018/19-1	Wet	11/22/2018 10:00:00 AM	1/4/2019 8:34:00 AM	Pyrene	n/a	<	1	µg/L	EPA 8270C	1	1	WKL				
MO-MPK	2018/19-1	Wet	11/22/2018 10:00:00 AM	12/20/2018 7:48:00 AM	PCB Aroclor 1016	n/a	<	1	µg/L	EPA 608	1	10	WKL				
MO-MPK	2018/19-1	Wet	11/22/2018 10:00:00 AM	12/20/2018 7:48:00 AM	PCB Aroclor 1221	n/a	<	1.2	µg/L	EPA 608	1.2	10	WKL				
MO-MPK	2018/19-1	Wet	11/22/2018 10:00:00 AM	12/20/2018 7:48:00 AM	PCB Aroclor 1232	n/a	<	3	µg/L	EPA 608	3	10	WKL				
MO-MPK	2018/19-1	Wet	11/22/2018 10:00:00 AM	12/20/2018 7:48:00 AM	PCB Aroclor 1242	n/a	<	1.4	µg/L	EPA 608	1.4	10	WKL				
MO-MPK	2018/19-1	Wet	11/22/2018 10:00:00 AM	12/20/2018 7:48:00 AM	PCB Aroclor 1248	n/a	<	1.2	µg/L	EPA 608	1.2	10	WKL				
MO-MPK	2018/19-1	Wet	11/22/2018 10:00:00 AM	12/20/2018 7:48:00 AM	PCB Aroclor 1254	n/a	<	0.8	µg/L	EPA 608	0.8	10	WKL				

Appendix G
Laboratory Environmental Analysis Results

Site ID	Event	Event Type	Sample Date	Analysis Date	Constituent	Fraction	Sign	Result	Units	Method	MDL	Reporting Limit	Analyzing Laboratory	Qualifier
MO-MPK	2018/19-1	Wet	11/22/2018 10:00:00 AM	12/20/2018 7:48:00 AM	PCB Aroclor 1260	n/a	<	0.8	μg/L	EPA 608	0.8	10	WKL	
MO-MPK	2018/19-1	Wet	11/22/2018 10:00:00 AM	12/15/2018 8:13:00 AM	2,4,5-T	n/a	<	0.07	μg/L	EPA 515.3	0.07	0.2	WKL	
MO-MPK	2018/19-1	Wet	11/22/2018 10:00:00 AM	12/15/2018 8:13:00 AM	2,4,5-TP	n/a	<	0.09	μg/L	EPA 515.3	0.09	0.2	WKL	
MO-MPK	2018/19-1	Wet	11/22/2018 10:00:00 AM	12/15/2018 8:13:00 AM	2,4-D	n/a	<	0.07	μg/L	EPA 515.3	0.07	0.4	WKL	
MO-MPK	2018/19-1	Wet	11/22/2018 10:00:00 AM	12/15/2018 8:13:00 AM	2,4-DB	n/a	<	5	μg/L	EPA 515.3	5	5	WKL	
MO-MPK	2018/19-1	Wet	11/22/2018 10:00:00 AM	12/15/2018 8:13:00 AM	3,5-Dichlorobenzoic acid	n/a	<	0.09	μg/L	EPA 515.3	0.09	1	WKL	
MO-MPK	2018/19-1	Wet	11/22/2018 10:00:00 AM	12/20/2018 7:48:00 AM	4,4'-DDD	n/a	<	0.06	μg/L	EPA 608	0.06	1	WKL	
MO-MPK	2018/19-1	Wet	11/22/2018 10:00:00 AM	12/20/2018 7:48:00 AM	4,4'-DDE	n/a	<	0.05	μg/L	EPA 608	0.05	1	WKL	
MO-MPK	2018/19-1	Wet	11/22/2018 10:00:00 AM	12/20/2018 7:48:00 AM	4,4'-DDT	n/a	<	0.062	μg/L	EPA 608	0.062	0.2	WKL	
MO-MPK	2018/19-1	Wet	11/22/2018 10:00:00 AM	12/15/2018 8:13:00 AM	Acifluorfen	n/a	<	0.06	μg/L	EPA 515.3	0.06	0.4	WKL	
MO-MPK	2018/19-1	Wet	11/22/2018 10:00:00 AM	12/14/2018 6:59:00 AM	Alachlor	n/a	<	0.044	μg/L	EPA 525.2	0.044	0.2	WKL	
MO-MPK	2018/19-1	Wet	11/22/2018 10:00:00 AM	12/20/2018 7:48:00 AM	Aldrin	n/a	<	0.03	μg/L	EPA 608	0.03	0.1	WKL	
MO-MPK	2018/19-1	Wet	11/22/2018 10:00:00 AM	12/20/2018 7:48:00 AM	alpha-BHC	n/a	<	0.036	μg/L	EPA 608	0.036	0.2	WKL	
MO-MPK	2018/19-1	Wet	11/22/2018 10:00:00 AM	12/20/2018 7:48:00 AM	alpha-Chlordane	n/a	<	0.082	μg/L	EPA 608	0.082	0.2	WKL	
MO-MPK	2018/19-1	Wet	11/22/2018 10:00:00 AM	12/14/2018 6:59:00 AM	Atrazine	n/a	<	0.068	μg/L	EPA 525.2	0.068	0.2	WKL	
MO-MPK	2018/19-1	Wet	11/22/2018 10:00:00 AM	1/3/2019 4:01:00 AM	Azinphos methyl	n/a	<	0.011	μg/L	EPA 525.2m	0.011	0.02	WKL	EST-HT
MO-MPK	2018/19-1	Wet	11/22/2018 10:00:00 AM	12/15/2018 8:13:00 AM	Bentazon	n/a	<	0.11	μg/L	EPA 515.3	0.11	2	WKL	
MO-MPK	2018/19-1	Wet	11/22/2018 10:00:00 AM	12/20/2018 7:48:00 AM	beta-BHC	n/a	<	0.062	μg/L	EPA 608	0.062	0.1	WKL	
MO-MPK	2018/19-1	Wet	11/22/2018 10:00:00 AM	1/3/2019 4:01:00 AM	Bolstar	n/a	<	0.0092	μg/L	EPA 525.2m	0.0092	0.02	WKL	EST-HT
MO-MPK	2018/19-1	Wet	11/22/2018 10:00:00 AM	12/14/2018 6:59:00 AM	Bromacil	n/a	<	0.076	μg/L	EPA 525.2	0.076	2	WKL	
MO-MPK	2018/19-1	Wet	11/22/2018 10:00:00 AM	12/14/2018 6:59:00 AM	Butachlor	n/a	<	0.034	μg/L	EPA 525.2	0.034	0.4	WKL	
MO-MPK	2018/19-1	Wet	11/22/2018 10:00:00 AM	12/14/2018 6:59:00 AM	Captan	n/a	<	1.7	μg/L	EPA 525.2	1.7	2	WKL	
MO-MPK	2018/19-1	Wet	11/22/2018 10:00:00 AM	12/20/2018 7:48:00 AM	Chlordane (technical)	n/a	<	1.6	μg/L	EPA 608	1.6	2	WKL	
MO-MPK	2018/19-1	Wet	11/22/2018 10:00:00 AM	12/14/2018 6:59:00 AM	Chloropropham	n/a	<	0.02	μg/L	EPA 525.2	0.02	0.2	WKL	
MO-MPK	2018/19-1	Wet	11/22/2018 10:00:00 AM	1/3/2019 4:01:00 AM	Chlorpyrifos	n/a	<	0.014	μg/L	EPA 525.2m	0.014	0.02	WKL	EST-HT
MO-MPK	2018/19-1	Wet	11/22/2018 10:00:00 AM	1/3/2019 4:01:00 AM	Coumaphos	n/a	<	0.01	μg/L	EPA 525.2m	0.01	0.02	WKL	EST-HT
MO-MPK	2018/19-1	Wet	11/22/2018 10:00:00 AM	12/14/2018 6:59:00 AM	Cyanazine	n/a	<	0.048	μg/L	EPA 525.2	0.048	0.2	WKL	
MO-MPK	2018/19-1	Wet	11/22/2018 10:00:00 AM	12/15/2018 8:13:00 AM	Dalapon	n/a	<	0.1	μg/L	EPA 515.3	0.1	0.4	WKL	
MO-MPK	2018/19-1	Wet	11/22/2018 10:00:00 AM	12/15/2018 8:13:00 AM	DCEPA (Dacthal)	n/a	=	1.1	μg/L	EPA 515.3	0.07	0.1	WKL	
MO-MPK	2018/19-1	Wet	11/22/2018 10:00:00 AM	12/20/2018 7:48:00 AM	delta-BHC	n/a	<	0.05	μg/L	EPA 608	0.05	0.1	WKL	
MO-MPK	2018/19-1	Wet	11/22/2018 10:00:00 AM	1/3/2019 4:01:00 AM	Demeton-O	n/a	<	0.02	μg/L	EPA 525.2m	0.02	0.02	WKL	EST-HT
MO-MPK	2018/19-1	Wet	11/22/2018 10:00:00 AM	1/3/2019 4:01:00 AM	Demeton-S	n/a	<	0.02	μg/L	EPA 525.2m	0.02	0.02	WKL	EST-HT
MO-MPK	2018/19-1	Wet	11/22/2018 10:00:00 AM	1/3/2019 4:01:00 AM	Diazinon	n/a	=	0.026	μg/L	EPA 525.2m	0.01	0.02	WKL	EST-HT
MO-MPK	2018/19-1	Wet	11/22/2018 10:00:00 AM	12/14/2018 6:59:00 AM	Diazinon	n/a	<	0.19	μg/L	EPA 525.2	0.19	0.2	WKL	
MO-MPK	2018/19-1	Wet	11/22/2018 10:00:00 AM	12/15/2018 8:13:00 AM	Dicamba	n/a	<	0.12	μg/L	EPA 515.3	0.12	0.6	WKL	
MO-MPK	2018/19-1	Wet	11/22/2018 10:00:00 AM	12/15/2018 8:13:00 AM	Dichlorprop	n/a	<	0.08	μg/L	EPA 515.3	0.08	0.3	WKL	
MO-MPK	2018/19-1	Wet	11/22/2018 10:00:00 AM	1/3/2019 4:01:00 AM	Dichlorvos	n/a	<	0.0058	μg/L	EPA 525.2m	0.0058	0.02	WKL	EST-HT
MO-MPK	2018/19-1	Wet	11/22/2018 10:00:00 AM	12/20/2018 7:48:00 AM	Dieldrin	n/a	<	0.042	μg/L	EPA 608	0.042	0.2	WKL	
MO-MPK	2018/19-1	Wet	11/22/2018 10:00:00 AM	12/14/2018 6:59:00 AM	Dimethoate	n/a	<	0.048	μg/L	EPA 525.2	0.048	0.4	WKL	
MO-MPK	2018/19-1	Wet	11/22/2018 10:00:00 AM	1/3/2019 4:01:00 AM	Dimethoate	n/a	<	0.012	μg/L	EPA 525.2m	0.012	0.02	WKL	EST-HT
MO-MPK	2018/19-1	Wet	11/22/2018 10:00:00 AM	12/15/2018 8:13:00 AM	Dinoseb	n/a	<	0.14	μg/L	EPA 515.3	0.14	0.4	WKL	
MO-MPK	2018/19-1	Wet	11/22/2018 10:00:00 AM	12/14/2018 6:59:00 AM	Diphenamid	n/a	<	0.048	μg/L	EPA 525.2	0.048	0.2	WKL	
MO-MPK	2018/19-1	Wet	11/22/2018 10:00:00 AM	1/3/2019 4:01:00 AM	Disulfoton	n/a	<	0.02	μg/L	EPA 525.2m	0.02	0.02	WKL	EST-HT
MO-MPK	2018/19-1	Wet	11/22/2018 10:00:00 AM	12/14/2018 6:59:00 AM	Disulfoton	n/a	<	0.062	μg/L	EPA 525.2	0.062	0.2	WKL	
MO-MPK	2018/19-1	Wet	11/22/2018 10:00:00 AM	12/20/2018 7:48:00 AM	Endosulfan I	n/a	<	0.034	μg/L	EPA 608	0.034	0.4	WKL	
MO-MPK	2018/19-1	Wet	11/22/2018 10:00:00 AM	12/20/2018 7:48:00 AM	Endosulfan II	n/a	<	0.038	μg/L	EPA 608	0.038	0.2	WKL	
MO-MPK	2018/19-1	Wet	11/22/2018 10:00:00 AM	12/20/2018 7:48:00 AM	Endosulfan sulfate	n/a	<	0.16	μg/L	EPA 608	0.16	1	WKL	
MO-MPK	2018/19-1	Wet	11/22/2018 10:00:00 AM	12/20/2018 7:48:00 AM	Endrin	n/a	<	0.056	μg/L	EPA 608	0.056	0.2	WKL	

Appendix G
Laboratory Environmental Analysis Results

Site ID	Event	Event Type	Sample Date	Analysis Date	Constituent	Fraction	Sign	Result	Units	Method	MDL	Reporting Limit	Analyzing Laboratory	Qualifier
MO-MPK	2018/19-1	Wet	11/22/2018 10:00:00 AM	12/20/2018 7:48:00 AM	Endrin aldehyde	n/a	<	0.06	µg/L	EPA 608	0.06	0.2	WKL	
MO-MPK	2018/19-1	Wet	11/22/2018 10:00:00 AM	12/14/2018 6:59:00 AM	EPTC	n/a	<	0.034	µg/L	EPA 525.2	0.034	2	WKL	
MO-MPK	2018/19-1	Wet	11/22/2018 10:00:00 AM	1/3/2019 4:01:00 AM	Ethoprop	n/a	<	0.013	µg/L	EPA 525.2m	0.013	0.02	WKL	EST-HT
MO-MPK	2018/19-1	Wet	11/22/2018 10:00:00 AM	1/3/2019 4:01:00 AM	Ethyl parathion	n/a	<	0.011	µg/L	EPA 525.2m	0.011	0.02	WKL	EST-HT
MO-MPK	2018/19-1	Wet	11/22/2018 10:00:00 AM	1/3/2019 4:01:00 AM	Fensulfothion	n/a	<	0.0058	µg/L	EPA 525.2m	0.0058	0.02	WKL	EST-HT
MO-MPK	2018/19-1	Wet	11/22/2018 10:00:00 AM	1/3/2019 4:01:00 AM	Fenthion	n/a	<	0.0076	µg/L	EPA 525.2m	0.0076	0.02	WKL	EST-HT
MO-MPK	2018/19-1	Wet	11/22/2018 10:00:00 AM	12/20/2018 7:48:00 AM	gamma-BHC (Lindane)	n/a	<	0.042	µg/L	EPA 608	0.042	0.4	WKL	
MO-MPK	2018/19-1	Wet	11/22/2018 10:00:00 AM	12/20/2018 7:48:00 AM	gamma-Chlordane	n/a	<	0.088	µg/L	EPA 608	0.088	0.2	WKL	
MO-MPK	2018/19-1	Wet	11/22/2018 10:00:00 AM	11/29/2018 1:04:00 AM	Glyphosate	n/a	<	18	µg/L	EPA 547	18	50	WKL	
MO-MPK	2018/19-1	Wet	11/22/2018 10:00:00 AM	12/20/2018 7:48:00 AM	Heptachlor	n/a	<	0.034	µg/L	EPA 608	0.034	0.2	WKL	
MO-MPK	2018/19-1	Wet	11/22/2018 10:00:00 AM	12/20/2018 7:48:00 AM	Heptachlor epoxide	n/a	<	0.038	µg/L	EPA 608	0.038	0.2	WKL	
MO-MPK	2018/19-1	Wet	11/22/2018 10:00:00 AM	1/3/2019 4:01:00 AM	Malathion	n/a	<	0.015	µg/L	EPA 525.2m	0.015	0.02	WKL	EST-HT
MO-MPK	2018/19-1	Wet	11/22/2018 10:00:00 AM	1/3/2019 4:01:00 AM	Merphos	n/a	<	0.012	µg/L	EPA 525.2m	0.012	0.02	WKL	EST-HT
MO-MPK	2018/19-1	Wet	11/22/2018 10:00:00 AM	12/20/2018 7:48:00 AM	Methoxychlor	n/a	<	0.11	µg/L	EPA 608	0.11	0.4	WKL	
MO-MPK	2018/19-1	Wet	11/22/2018 10:00:00 AM	1/3/2019 4:01:00 AM	Methyl parathion	n/a	<	0.013	µg/L	EPA 525.2m	0.013	0.02	WKL	EST-HT
MO-MPK	2018/19-1	Wet	11/22/2018 10:00:00 AM	12/14/2018 6:59:00 AM	Metolachlor	n/a	<	0.024	µg/L	EPA 525.2	0.024	0.2	WKL	
MO-MPK	2018/19-1	Wet	11/22/2018 10:00:00 AM	12/14/2018 6:59:00 AM	Metribuzin	n/a	<	0.03	µg/L	EPA 525.2	0.03	0.2	WKL	
MO-MPK	2018/19-1	Wet	11/22/2018 10:00:00 AM	1/3/2019 4:01:00 AM	Mevinphos	n/a	<	0.0084	µg/L	EPA 525.2m	0.0084	0.02	WKL	EST-HT
MO-MPK	2018/19-1	Wet	11/22/2018 10:00:00 AM	12/14/2018 6:59:00 AM	Molinate	n/a	<	0.078	µg/L	EPA 525.2	0.078	0.2	WKL	
MO-MPK	2018/19-1	Wet	11/22/2018 10:00:00 AM	1/3/2019 4:01:00 AM	Naled	n/a	<	0.015	µg/L	EPA 525.2m	0.015	0.02	WKL	EST-HT
MO-MPK	2018/19-1	Wet	11/22/2018 10:00:00 AM	12/29/2018 1:52:00 PM	Pentachlorophenol	n/a	DNQ	2.9	µg/L	EPA 625	0.95	5	WKL	
MO-MPK	2018/19-1	Wet	11/22/2018 10:00:00 AM	1/2/2019 10:30:00 PM	Pentachlorophenol	n/a	DNQ	9.2	µg/L	EPA 8270C	1.5	10	WKL	EST
MO-MPK	2018/19-1	Wet	11/22/2018 10:00:00 AM	12/15/2018 8:13:00 AM	Pentachlorophenol	n/a	=	0.42	µg/L	EPA 515.3	0.04	0.2	WKL	
MO-MPK	2018/19-1	Wet	11/22/2018 10:00:00 AM	1/3/2019 4:01:00 AM	Phorate	n/a	<	0.006	µg/L	EPA 525.2m	0.006	0.02	WKL	EST-HT
MO-MPK	2018/19-1	Wet	11/22/2018 10:00:00 AM	12/15/2018 8:13:00 AM	Picloram	n/a	<	0.05	µg/L	EPA 515.3	0.05	0.6	WKL	
MO-MPK	2018/19-1	Wet	11/22/2018 10:00:00 AM	12/14/2018 6:59:00 AM	Prometon	n/a	<	0.048	µg/L	EPA 525.2	0.048	0.4	WKL	
MO-MPK	2018/19-1	Wet	11/22/2018 10:00:00 AM	12/14/2018 6:59:00 AM	Prometryn	n/a	<	0.072	µg/L	EPA 525.2	0.072	0.2	WKL	
MO-MPK	2018/19-1	Wet	11/22/2018 10:00:00 AM	1/3/2019 4:01:00 AM	Ronnel (Fenchlorphos)	n/a	<	0.0082	µg/L	EPA 525.2m	0.0082	0.02	WKL	EST-HT
MO-MPK	2018/19-1	Wet	11/22/2018 10:00:00 AM	12/14/2018 6:59:00 AM	Simazine	n/a	<	0.03	µg/L	EPA 525.2	0.03	0.2	WKL	
MO-MPK	2018/19-1	Wet	11/22/2018 10:00:00 AM	1/3/2019 4:01:00 AM	Stirophos (Tetrachlorvinphos)	n/a	<	0.0062	µg/L	EPA 525.2m	0.0062	0.02	WKL	EST-HT
MO-MPK	2018/19-1	Wet	11/22/2018 10:00:00 AM	12/14/2018 6:59:00 AM	Terbacil	n/a	<	1.1	µg/L	EPA 525.2	1.1	4	WKL	
MO-MPK	2018/19-1	Wet	11/22/2018 10:00:00 AM	12/14/2018 6:59:00 AM	Thiobencarb	n/a	<	0.05	µg/L	EPA 525.2	0.05	0.4	WKL	
MO-MPK	2018/19-1	Wet	11/22/2018 10:00:00 AM	1/3/2019 4:01:00 AM	Tokuthion	n/a	<	0.016	µg/L	EPA 525.2m	0.016	0.02	WKL	EST-HT
MO-MPK	2018/19-1	Wet	11/22/2018 10:00:00 AM	12/20/2018 7:48:00 AM	Toxaphene	n/a	<	2.4	µg/L	EPA 608	2.4	10	WKL	
MO-MPK	2018/19-1	Wet	11/22/2018 10:00:00 AM	1/3/2019 4:01:00 AM	Trichloronate	n/a	<	0.013	µg/L	EPA 525.2m	0.013	0.02	WKL	EST-HT
MO-MPK	2018/19-1	Wet	11/22/2018 10:00:00 AM	12/14/2018 6:59:00 AM	Trithion	n/a	<	0.024	µg/L	EPA 525.2	0.024	0.2	WKL	
MO-MPK	2018/19-2	Wet	11/29/2018 2:20:00 AM	11/30/2018 3:50:00 AM	E. Coli	n/a	=	29090	MPN/100 mL	MMO-MUG	100	100	VCHCA	
MO-MPK	2018/19-2	Wet	11/29/2018 2:20:00 AM	11/30/2018 3:50:00 AM	Total Coliform	n/a	=	1046200	MPN/100 mL	MMO-MUG	1000	1000	VCHCA	
MO-MPK	2018/19-2	Wet	11/29/2018 2:20:00 AM	11/29/2018 2:20:00 AM	Conductivity	n/a	=	391.8	µmhos/cm	Field Meter	-88	1	Field Crew	
MO-MPK	2018/19-2	Wet	11/29/2018 2:20:00 AM	12/11/2018 8:10:00 PM	Cyanide	Total	=	0.0043	mg/L	ASTM D7511	0.0005	0.002	WKL	
MO-MPK	2018/19-2	Wet	11/29/2018 2:20:00 AM	11/29/2018 2:20:00 AM	DO	n/a	=	7.14	mg/L	Field Meter	-88	0.3	Field Crew	
MO-MPK	2018/19-2	Wet	11/29/2018 2:20:00 AM	11/29/2018 2:20:00 AM	DO	n/a	=	71	%	Field Meter	-88	0.1	Field Crew	
MO-MPK	2018/19-2	Wet	11/29/2018 2:20:00 AM	11/29/2018 2:20:00 AM	pH	n/a	=	7.97	pH Units	Field Meter	-88	0.01	Field Crew	
MO-MPK	2018/19-2	Wet	11/29/2018 2:20:00 AM	11/29/2018 2:20:00 AM	Salinity	n/a	=	200	mg/L	Field Meter	-88	100	Field Crew	
MO-MPK	2018/19-2	Wet	11/29/2018 2:20:00 AM	11/29/2018 2:20:00 AM	Specific Conductance	n/a	=	478.8	µmhos/cm	Field Meter	-88	1	Field Crew	
MO-MPK	2018/19-2	Wet	11/29/2018 2:20:00 AM	11/29/2018 2:20:00 AM	Temperature	n/a	=	14.6	°C	Field Meter	-88	0.1	Field Crew	
MO-MPK	2018/19-2	Wet	11/29/2018 2:20:00 AM	12/1/2018 12:12:00 PM	Gasoline Range Organics	n/a	<	0.012	mg/L	LUFT GC/MS	0.012	0.1	WKL	
MO-MPK	2018/19-2	Wet	11/29/2018 2:20:00 AM	12/14/2018 4:48:00 PM	Oil and Grease	n/a	<	1.3	mg/L	EPA 1664A	1.3	5	WKL	

Appendix G
Laboratory Environmental Analysis Results

Site ID	Event	Event Type	Sample Date	Analysis Date	Constituent	Fraction	Sign	Result	Units	Method	MDL	Reporting Limit	Analyzing Laboratory	Qualifier
MO-MPK	2018/19-2	Wet	11/29/2018 2:20:00 AM	12/4/2018 7:35:00 AM	2-Chloroethyl vinyl ether	n/a	<	0.28	µg/L	EPA 624	0.28	1	WKL	
MO-MPK	2018/19-2	Wet	11/29/2018 2:20:00 AM	12/4/2018 7:35:00 AM	Methyl tert-butyl ether (MTBE)	n/a	<	0.25	µg/L	EPA 624	0.25	1	WKL	
MO-MPK	2018/19-2	Wet	11/29/2018 1:40:00 PM	12/4/2018	Chloride	n/a	=	50	mg/L	EPA 300.0	0.1	0.5	WKL	
MO-MPK	2018/19-2	Wet	11/29/2018 1:40:00 PM	12/4/2018	Fluoride	n/a	=	0.27	mg/L	EPA 300.0	0.02	0.1	WKL	
MO-MPK	2018/19-2	Wet	11/29/2018 1:40:00 PM	12/2/2018 7:19:00 AM	Perchlorate	n/a	<	0.95	µg/L	EPA 314.0	0.95	2	WKL	
MO-MPK	2018/19-2	Wet	11/29/2018 1:40:00 PM	12/4/2018	Sulfate	Total	=	44	mg/L	EPA 300.0	0.1	0.5	WKL	
MO-MPK	2018/19-2	Wet	11/29/2018 1:40:00 PM	12/11/2018 1:15:00 PM	Calcium	Total	=	43.6	mg/L	EPA 200.7	0.016	0.1	WKL	
MO-MPK	2018/19-2	Wet	11/29/2018 1:40:00 PM	12/11/2018 1:15:00 PM	Magnesium	Total	=	11	mg/L	EPA 200.7	0.012	0.1	WKL	
MO-MPK	2018/19-2	Wet	11/29/2018 1:40:00 PM	12/11/2018 1:15:00 PM	Potassium	Total	=	12	mg/L	EPA 200.7	0.081	0.1	WKL	
MO-MPK	2018/19-2	Wet	11/29/2018 1:40:00 PM	12/11/2018 1:15:00 PM	Sodium	Total	=	34	mg/L	EPA 200.7	0.015	0.5	WKL	
MO-MPK	2018/19-2	Wet	11/29/2018 1:40:00 PM	12/6/2018 2:32:00 PM	Alkalinity as CaCO3	n/a	=	94	mg/L	SM 2320 B	0.56	2	WKL	
MO-MPK	2018/19-2	Wet	11/29/2018 1:40:00 PM	12/5/2018 8:44:00 PM	BOD	n/a	=	54	mg/L	SM 5210 B	2	2	WKL	
MO-MPK	2018/19-2	Wet	11/29/2018 1:40:00 PM	12/5/2018 4:19:00 PM	COD	n/a	=	80	mg/L	EPA 410.4	0.73	5	WKL	
MO-MPK	2018/19-2	Wet	11/29/2018 1:40:00 PM	12/20/2018 9:28:00 AM	Dissolved Inorganic Carbon	Dissolved	=	19	mg/L	SM 5310 B	0.016	0.5	WKL	
MO-MPK	2018/19-2	Wet	11/29/2018 1:40:00 PM	12/18/2018 1:32:00 PM	Dissolved Organic Carbon	Dissolved	=	13	mg/L	SM 5310 B	0.013	0.3	WKL	
MO-MPK	2018/19-2	Wet	11/29/2018 1:40:00 PM	12/11/2018 1:15:00 PM	Hardness as CaCO3	Total	=	154	mg/L	EPA 200.7	0.0894	0.662	WKL	
MO-MPK	2018/19-2	Wet	11/29/2018 1:40:00 PM	11/30/2018 7:22:00 PM	MBAS	n/a	DNQ	0.031	mg/L	SM 5540 C	0.019	0.05	WKL	
MO-MPK	2018/19-2	Wet	11/29/2018 1:40:00 PM	12/19/2018 5:56:00 PM	Phenolics	n/a	=	0.13	mg/L	EPA 420.4	0.0042	0.01	WKL	
MO-MPK	2018/19-2	Wet	11/29/2018 1:40:00 PM	12/19/2018 12:12:00 PM	Specific Conductance	n/a	=	480	µmhos/cm	SM 2510 B	0.23	2	WKL	
MO-MPK	2018/19-2	Wet	11/29/2018 1:40:00 PM	12/1/2018 10:20:00 PM	Total Chlorine Residual	n/a	DNQ	0.023	mg/L	SM 4500-Cl G	0.0015	0.05	WKL	EST-HT
MO-MPK	2018/19-2	Wet	11/29/2018 1:40:00 PM	12/6/2018 5:33:00 PM	Total Dissolved Solids	n/a	=	250	mg/L	SM 2540 C	4	10	WKL	
MO-MPK	2018/19-2	Wet	11/29/2018 1:40:00 PM	12/12/2018 12:06:00 PM	Total Organic Carbon	n/a	=	14	mg/L	SM 5310 B	0.009	0.3	WKL	
MO-MPK	2018/19-2	Wet	11/29/2018 1:40:00 PM	12/3/2018 11:39:00 AM	Total Suspended Solids	n/a	=	1300	mg/L	SM 2540 D	-88	5	WKL	
MO-MPK	2018/19-2	Wet	11/29/2018 1:40:00 PM	11/30/2018 5:37:00 PM	Turbidity	n/a	=	810	NTU	EPA 180.1	0.96	4	WKL	
MO-MPK	2018/19-2	Wet	11/29/2018 1:40:00 PM	12/3/2018 11:39:00 AM	Volatile Suspended Solids	n/a	=	170	mg/L	EPA 160.4	3.1	5	WKL	
MO-MPK	2018/19-2	Wet	11/29/2018 1:40:00 PM	12/19/2018 4:26:00 AM	Diesel Range Organics	n/a	=	0.81	mg/L	EPA 8015D	0.024	0.1	WKL	
MO-MPK	2018/19-2	Wet	11/29/2018 1:40:00 PM	12/19/2018 4:26:00 AM	Oil Range Organics	n/a	DNQ	0.35	mg/L	EPA 8015D	0.33	0.5	WKL	
MO-MPK	2018/19-2	Wet	11/29/2018 1:40:00 PM	12/12/2018 2:24:00 PM	Aluminum	Dissolved	=	27	µg/L	EPA 200.8	1.3	5	WKL	
MO-MPK	2018/19-2	Wet	11/29/2018 1:40:00 PM	12/12/2018 2:36:00 PM	Aluminum	Total	=	9900	µg/L	EPA 200.8	1.3	5	WKL	
MO-MPK	2018/19-2	Wet	11/29/2018 1:40:00 PM	12/12/2018 2:24:00 PM	Antimony	Dissolved	=	0.7	µg/L	EPA 200.8	0.045	0.5	WKL	
MO-MPK	2018/19-2	Wet	11/29/2018 1:40:00 PM	12/12/2018 2:36:00 PM	Antimony	Total	=	0.79	µg/L	EPA 200.8	0.045	0.5	WKL	
MO-MPK	2018/19-2	Wet	11/29/2018 1:40:00 PM	12/12/2018 2:24:00 PM	Arsenic	Dissolved	=	2	µg/L	EPA 200.8	0.074	0.4	WKL	
MO-MPK	2018/19-2	Wet	11/29/2018 1:40:00 PM	12/12/2018 2:36:00 PM	Arsenic	Total	=	4.6	µg/L	EPA 200.8	0.074	0.4	WKL	
MO-MPK	2018/19-2	Wet	11/29/2018 1:40:00 PM	12/12/2018 2:36:00 PM	Barium	Total	=	170	µg/L	EPA 200.8	0.071	0.5	WKL	
MO-MPK	2018/19-2	Wet	11/29/2018 1:40:00 PM	12/12/2018 2:24:00 PM	Beryllium	Dissolved	<	0.033	µg/L	EPA 200.8	0.033	0.1	WKL	
MO-MPK	2018/19-2	Wet	11/29/2018 1:40:00 PM	12/12/2018 2:36:00 PM	Beryllium	Total	=	0.42	µg/L	EPA 200.8	0.033	0.1	WKL	
MO-MPK	2018/19-2	Wet	11/29/2018 1:40:00 PM	12/12/2018 2:24:00 PM	Cadmium	Dissolved	DNQ	0.058	µg/L	EPA 200.8	0.041	0.1	WKL	
MO-MPK	2018/19-2	Wet	11/29/2018 1:40:00 PM	12/12/2018 2:36:00 PM	Cadmium	Total	=	0.84	µg/L	EPA 200.8	0.041	0.1	WKL	
MO-MPK	2018/19-2	Wet	11/29/2018 1:40:00 PM	12/12/2018 2:24:00 PM	Chromium	Dissolved	=	0.47	µg/L	EPA 200.8	0.035	0.2	WKL	
MO-MPK	2018/19-2	Wet	11/29/2018 1:40:00 PM	12/12/2018 2:36:00 PM	Chromium	Total	=	17	µg/L	EPA 200.8	0.035	0.2	WKL	
MO-MPK	2018/19-2	Wet	11/29/2018 1:40:00 PM	12/13/2018 3:41:00 PM	Chromium VI	n/a	=	1.5	µg/L	EPA 218.6	0.048	0.2	WKL	
MO-MPK	2018/19-2	Wet	11/29/2018 1:40:00 PM	12/12/2018 2:24:00 PM	Copper	Dissolved	=	4.6	µg/L	EPA 200.8	0.13	0.5	WKL	
MO-MPK	2018/19-2	Wet	11/29/2018 1:40:00 PM	12/12/2018 2:36:00 PM	Copper	Total	=	25	µg/L	EPA 200.8	0.13	0.5	WKL	
MO-MPK	2018/19-2	Wet	11/29/2018 1:40:00 PM	12/11/2018 12:37:00 PM	Iron	Dissolved	=	44	µg/L	EPA 200.7	1.1	10	WKL	
MO-MPK	2018/19-2	Wet	11/29/2018 1:40:00 PM	12/11/2018 1:15:00 PM	Iron	Total	=	12000	µg/L	EPA 200.7	1.1	10	WKL	
MO-MPK	2018/19-2	Wet	11/29/2018 1:40:00 PM	12/12/2018 2:24:00 PM	Lead	Dissolved	DNQ	0.079	µg/L	EPA 200.8	0.031	0.2	WKL	
MO-MPK	2018/19-2	Wet	11/29/2018 1:40:00 PM	12/12/2018 2:36:00 PM	Lead	Total	=	15	µg/L	EPA 200.8	0.031	0.2	WKL	
MO-MPK	2018/19-2	Wet	11/29/2018 1:40:00 PM	12/10/2018 1:49:00 PM	Mercury	Dissolved	<	17	ng/L	EPA 245.1	17	50	WKL	

Appendix G
Laboratory Environmental Analysis Results

Site ID	Event	Event Type	Sample Date	Analysis Date	Constituent	Fraction	Sign	Result	Units	Method	MDL	Reporting Limit	Analyzing Laboratory	Qualifier
MO-MPK	2018/19-2	Wet	11/29/2018 1:40:00 PM	12/10/2018 1:51:00 PM	Mercury	Total	DNQ	38	ng/L	EPA 245.1	17	50	WKL	
MO-MPK	2018/19-2	Wet	11/29/2018 1:40:00 PM	12/12/2018 2:24:00 PM	Nickel	Dissolved	=	2.2	µg/L	EPA 200.8	0.045	0.8	WKL	
MO-MPK	2018/19-2	Wet	11/29/2018 1:40:00 PM	12/12/2018 2:36:00 PM	Nickel	Total	=	17	µg/L	EPA 200.8	0.045	0.8	WKL	
MO-MPK	2018/19-2	Wet	11/29/2018 1:40:00 PM	12/12/2018 2:24:00 PM	Selenium	Dissolved	=	1.6	µg/L	EPA 200.8	0.14	0.4	WKL	
MO-MPK	2018/19-2	Wet	11/29/2018 1:40:00 PM	12/12/2018 2:36:00 PM	Selenium	Total	=	1.9	µg/L	EPA 200.8	0.14	0.4	WKL	
MO-MPK	2018/19-2	Wet	11/29/2018 1:40:00 PM	12/12/2018 2:24:00 PM	Silver	Dissolved	<	0.062	µg/L	EPA 200.8	0.062	0.2	WKL	
MO-MPK	2018/19-2	Wet	11/29/2018 1:40:00 PM	12/12/2018 2:36:00 PM	Silver	Total	DNQ	0.088	µg/L	EPA 200.8	0.062	0.2	WKL	
MO-MPK	2018/19-2	Wet	11/29/2018 1:40:00 PM	12/12/2018 2:24:00 PM	Thallium	Dissolved	<	0.014	µg/L	EPA 200.8	0.014	0.2	WKL	
MO-MPK	2018/19-2	Wet	11/29/2018 1:40:00 PM	12/12/2018 2:36:00 PM	Thallium	Total	DNQ	0.14	µg/L	EPA 200.8	0.014	0.2	WKL	
MO-MPK	2018/19-2	Wet	11/29/2018 1:40:00 PM	12/12/2018 2:24:00 PM	Zinc	Dissolved	=	9.3	µg/L	EPA 200.8	0.94	5	WKL	
MO-MPK	2018/19-2	Wet	11/29/2018 1:40:00 PM	12/12/2018 2:36:00 PM	Zinc	Total	=	140	µg/L	EPA 200.8	0.94	5	WKL	
MO-MPK	2018/19-2	Wet	11/29/2018 1:40:00 PM	12/6/2018 6:08:00 PM	Ammonia as N	n/a	=	0.38	mg/L	EPA 350.1	0.048	0.1	WKL	
MO-MPK	2018/19-2	Wet	11/29/2018 1:40:00 PM	12/21/2018 11:04:00 AM	Nitrate + Nitrite as N	n/a	=	4.1	mg/L	EPA 353.2	0.083	0.2	WKL	
MO-MPK	2018/19-2	Wet	11/29/2018 1:40:00 PM	1/17/2019 5:32:00 PM	Phosphorus as P	Dissolved	=	0.32	mg/L	EPA 200.7	0.012	0.02	WKL	
MO-MPK	2018/19-2	Wet	11/29/2018 1:40:00 PM	1/17/2019 5:35:00 PM	Phosphorus as P	Total	=	1.2	mg/L	EPA 200.7	0.012	0.02	WKL	
MO-MPK	2018/19-2	Wet	11/29/2018 1:40:00 PM	12/18/2018 3:13:00 PM	TKN	n/a	=	1.3	mg/L	EPA 351.2	0.05	0.1	WKL	
MO-MPK	2018/19-2	Wet	11/29/2018 1:40:00 PM	1/7/2019 4:55:00 AM	1,2,4-Trichlorobenzene	n/a	<	1.1	µg/L	EPA 625	1.1	2	WKL	
MO-MPK	2018/19-2	Wet	11/29/2018 1:40:00 PM	1/7/2019 4:55:00 AM	1,2-Dichlorobenzene	n/a	<	1.1	µg/L	EPA 625	1.1	2	WKL	
MO-MPK	2018/19-2	Wet	11/29/2018 1:40:00 PM	1/7/2019 4:55:00 AM	1,2-Diphenylhydrazine	n/a	<	0.5	µg/L	EPA 625	0.5	2	WKL	
MO-MPK	2018/19-2	Wet	11/29/2018 1:40:00 PM	1/7/2019 4:55:00 AM	1,3-Dichlorobenzene	n/a	<	1.1	µg/L	EPA 625	1.1	2	WKL	
MO-MPK	2018/19-2	Wet	11/29/2018 1:40:00 PM	1/7/2019 4:55:00 AM	1,4-Dichlorobenzene	n/a	<	1.1	µg/L	EPA 625	1.1	2	WKL	
MO-MPK	2018/19-2	Wet	11/29/2018 1:40:00 PM	1/12/2019 1:12:00 AM	1-Methylnaphthalene	n/a	<	0.2	µg/L	EPA 8270C	0.2	0.2	WKL	
MO-MPK	2018/19-2	Wet	11/29/2018 1:40:00 PM	1/11/2019 5:30:00 AM	2,4,5-Trichlorophenol	n/a	<	0.58	µg/L	EPA 8270C	0.58	2	WKL	
MO-MPK	2018/19-2	Wet	11/29/2018 1:40:00 PM	1/7/2019 4:55:00 AM	2,4,6-Trichlorophenol	n/a	<	0.44	µg/L	EPA 625	0.44	2	WKL	
MO-MPK	2018/19-2	Wet	11/29/2018 1:40:00 PM	1/11/2019 5:30:00 AM	2,4,6-Trichlorophenol	n/a	<	0.6	µg/L	EPA 8270C	0.6	2	WKL	
MO-MPK	2018/19-2	Wet	11/29/2018 1:40:00 PM	1/7/2019 4:55:00 AM	2,4-Dichlorophenol	n/a	<	0.52	µg/L	EPA 625	0.52	2	WKL	
MO-MPK	2018/19-2	Wet	11/29/2018 1:40:00 PM	1/11/2019 5:30:00 AM	2,4-Dichlorophenol	n/a	<	1	µg/L	EPA 8270C	1	2	WKL	
MO-MPK	2018/19-2	Wet	11/29/2018 1:40:00 PM	1/11/2019 5:30:00 AM	2,4-Dimethylphenol	n/a	<	2	µg/L	EPA 8270C	2	4	WKL	
MO-MPK	2018/19-2	Wet	11/29/2018 1:40:00 PM	1/7/2019 4:55:00 AM	2,4-Dimethylphenol	n/a	<	0.6	µg/L	EPA 625	0.6	2	WKL	
MO-MPK	2018/19-2	Wet	11/29/2018 1:40:00 PM	1/7/2019 4:55:00 AM	2,4-Dinitrophenol	n/a	<	3.2	µg/L	EPA 625	3.2	20	WKL	
MO-MPK	2018/19-2	Wet	11/29/2018 1:40:00 PM	1/11/2019 5:30:00 AM	2,4-Dinitrophenol	n/a	<	2	µg/L	EPA 8270C	2	4	WKL	
MO-MPK	2018/19-2	Wet	11/29/2018 1:40:00 PM	1/7/2019 4:55:00 AM	2,4-Dinitrotoluene	n/a	<	0.36	µg/L	EPA 625	0.36	2	WKL	
MO-MPK	2018/19-2	Wet	11/29/2018 1:40:00 PM	1/7/2019 4:55:00 AM	2,6-Dinitrotoluene	n/a	<	0.54	µg/L	EPA 625	0.54	2	WKL	
MO-MPK	2018/19-2	Wet	11/29/2018 1:40:00 PM	1/7/2019 4:55:00 AM	2-Chloronaphthalene	n/a	<	0.9	µg/L	EPA 625	0.9	2	WKL	
MO-MPK	2018/19-2	Wet	11/29/2018 1:40:00 PM	1/11/2019 5:30:00 AM	2-Chlorophenol	n/a	<	1.3	µg/L	EPA 8270C	1.3	2	WKL	
MO-MPK	2018/19-2	Wet	11/29/2018 1:40:00 PM	1/7/2019 4:55:00 AM	2-Chlorophenol	n/a	<	0.56	µg/L	EPA 625	0.56	2	WKL	
MO-MPK	2018/19-2	Wet	11/29/2018 1:40:00 PM	1/12/2019 1:12:00 AM	2-Methylnaphthalene	n/a	<	0.2	µg/L	EPA 8270C	0.2	0.2	WKL	
MO-MPK	2018/19-2	Wet	11/29/2018 1:40:00 PM	1/11/2019 5:30:00 AM	2-Methylphenol	n/a	<	0.68	µg/L	EPA 8270C	0.68	2	WKL	
MO-MPK	2018/19-2	Wet	11/29/2018 1:40:00 PM	1/11/2019 5:30:00 AM	2-Nitrophenol	n/a	<	1.4	µg/L	EPA 8270C	1.4	2	WKL	
MO-MPK	2018/19-2	Wet	11/29/2018 1:40:00 PM	1/7/2019 4:55:00 AM	2-Nitrophenol	n/a	<	0.52	µg/L	EPA 625	0.52	2	WKL	
MO-MPK	2018/19-2	Wet	11/29/2018 1:40:00 PM	1/7/2019 4:55:00 AM	3,3'-Dichlorobenzidine	n/a	<	2.4	µg/L	EPA 625	2.4	10	WKL	
MO-MPK	2018/19-2	Wet	11/29/2018 1:40:00 PM	1/11/2019 5:30:00 AM	3-/4-Methylphenol	n/a	<	0.6	µg/L	EPA 8270C	0.6	2	WKL	
MO-MPK	2018/19-2	Wet	11/29/2018 1:40:00 PM	1/7/2019 4:55:00 AM	4,6-Dinitro-2-methylphenol	n/a	<	3.4	µg/L	EPA 625	3.4	10	WKL	
MO-MPK	2018/19-2	Wet	11/29/2018 1:40:00 PM	1/11/2019 5:30:00 AM	4,6-Dinitro-2-methylphenol	n/a	DNQ	0.99	µg/L	EPA 8270C	0.28	2	WKL	
MO-MPK	2018/19-2	Wet	11/29/2018 1:40:00 PM	1/7/2019 4:55:00 AM	4-Bromophenyl phenyl ether	n/a	<	0.72	µg/L	EPA 625	0.72	2	WKL	
MO-MPK	2018/19-2	Wet	11/29/2018 1:40:00 PM	1/11/2019 5:30:00 AM	4-Chloro-3-methylphenol	n/a	<	0.74	µg/L	EPA 8270C	0.74	2	WKL	
MO-MPK	2018/19-2	Wet	11/29/2018 1:40:00 PM	1/7/2019 4:55:00 AM	4-Chloro-3-methylphenol	n/a	<	0.46	µg/L	EPA 625	0.46	2	WKL	
MO-MPK	2018/19-2	Wet	11/29/2018 1:40:00 PM	1/7/2019 4:55:00 AM	4-Chlorophenyl phenyl ether	n/a	<	0.82	µg/L	EPA 625	0.82	2	WKL	

Appendix G
Laboratory Environmental Analysis Results

Site ID	Event	Event Type	Sample Date	Analysis Date	Constituent	Fraction	Sign	Result	Units	Method	MDL	Reporting Limit	Analyzing Laboratory	Qualifier
MO-MPK	2018/19-2	Wet	11/29/2018 1:40:00 PM	1/11/2019 5:30:00 AM	4-Nitrophenol	n/a	<	2	µg/L	EPA 8270C	2	4	WKL	
MO-MPK	2018/19-2	Wet	11/29/2018 1:40:00 PM	1/7/2019 4:55:00 AM	4-Nitrophenol	n/a	<	0.9	µg/L	EPA 625	0.9	10	WKL	
MO-MPK	2018/19-2	Wet	11/29/2018 1:40:00 PM	1/7/2019 4:55:00 AM	Acenaphthene	n/a	<	0.76	µg/L	EPA 625	0.76	2	WKL	
MO-MPK	2018/19-2	Wet	11/29/2018 1:40:00 PM	1/12/2019 1:12:00 AM	Acenaphthene	n/a	<	0.2	µg/L	EPA 8270C	0.2	0.2	WKL	
MO-MPK	2018/19-2	Wet	11/29/2018 1:40:00 PM	1/7/2019 4:55:00 AM	Acenaphthylene	n/a	<	0.8	µg/L	EPA 625	0.8	2	WKL	
MO-MPK	2018/19-2	Wet	11/29/2018 1:40:00 PM	1/12/2019 1:12:00 AM	Acenaphthylene	n/a	<	0.2	µg/L	EPA 8270C	0.2	0.2	WKL	
MO-MPK	2018/19-2	Wet	11/29/2018 1:40:00 PM	1/12/2019 1:12:00 AM	Anthracene	n/a	<	0.2	µg/L	EPA 8270C	0.2	0.2	WKL	
MO-MPK	2018/19-2	Wet	11/29/2018 1:40:00 PM	1/7/2019 4:55:00 AM	Anthracene	n/a	<	0.68	µg/L	EPA 625	0.68	2	WKL	
MO-MPK	2018/19-2	Wet	11/29/2018 1:40:00 PM	1/7/2019 4:55:00 AM	Benz(a)anthracene	n/a	<	0.38	µg/L	EPA 625	0.38	2	WKL	
MO-MPK	2018/19-2	Wet	11/29/2018 1:40:00 PM	1/12/2019 1:12:00 AM	Benz(a)anthracene	n/a	<	0.2	µg/L	EPA 8270C	0.2	0.2	WKL	
MO-MPK	2018/19-2	Wet	11/29/2018 1:40:00 PM	1/7/2019 4:55:00 AM	Benzidine	n/a	<	7.3	µg/L	EPA 625	7.3	20	WKL	
MO-MPK	2018/19-2	Wet	11/29/2018 1:40:00 PM	12/14/2018 9:37:00 PM	Benzo(a)pyrene	n/a	<	0.14	µg/L	EPA 525.2	0.14	0.2	WKL	
MO-MPK	2018/19-2	Wet	11/29/2018 1:40:00 PM	1/7/2019 4:55:00 AM	Benzo(a)pyrene	n/a	<	0.26	µg/L	EPA 625	0.26	2	WKL	
MO-MPK	2018/19-2	Wet	11/29/2018 1:40:00 PM	1/12/2019 1:12:00 AM	Benzo(a)pyrene	n/a	<	0.2	µg/L	EPA 8270C	0.2	0.2	WKL	
MO-MPK	2018/19-2	Wet	11/29/2018 1:40:00 PM	1/7/2019 4:55:00 AM	Benzo(b)fluoranthene	n/a	<	0.28	µg/L	EPA 625	0.28	2	WKL	
MO-MPK	2018/19-2	Wet	11/29/2018 1:40:00 PM	1/12/2019 1:12:00 AM	Benzo(b)fluoranthene	n/a	<	0.2	µg/L	EPA 8270C	0.2	0.2	WKL	
MO-MPK	2018/19-2	Wet	11/29/2018 1:40:00 PM	1/7/2019 4:55:00 AM	Benzo(g,h,i)perylene	n/a	<	0.2	µg/L	EPA 625	0.2	4	WKL	
MO-MPK	2018/19-2	Wet	11/29/2018 1:40:00 PM	1/12/2019 1:12:00 AM	Benzo(g,h,i)perylene	n/a	<	0.2	µg/L	EPA 8270C	0.2	0.2	WKL	
MO-MPK	2018/19-2	Wet	11/29/2018 1:40:00 PM	1/7/2019 4:55:00 AM	Benzo(k)fluoranthene	n/a	<	0.44	µg/L	EPA 625	0.44	2	WKL	
MO-MPK	2018/19-2	Wet	11/29/2018 1:40:00 PM	1/12/2019 1:12:00 AM	Benzo(k)fluoranthene	n/a	<	0.2	µg/L	EPA 8270C	0.2	0.2	WKL	
MO-MPK	2018/19-2	Wet	11/29/2018 1:40:00 PM	1/7/2019 4:55:00 AM	Bis(2-chloroethoxy)methane	n/a	<	0.5	µg/L	EPA 625	0.5	2	WKL	
MO-MPK	2018/19-2	Wet	11/29/2018 1:40:00 PM	1/7/2019 4:55:00 AM	Bis(2-chloroethyl)ether	n/a	<	0.54	µg/L	EPA 625	0.54	2	WKL	
MO-MPK	2018/19-2	Wet	11/29/2018 1:40:00 PM	1/7/2019 4:55:00 AM	Bis(2-chloroisopropyl)ether	n/a	<	0.76	µg/L	EPA 625	0.76	2	WKL	
MO-MPK	2018/19-2	Wet	11/29/2018 1:40:00 PM	12/14/2018 9:37:00 PM	Bis(2-ethylhexyl)adipate	n/a	<	0.21	µg/L	EPA 525.2	0.21	10	WKL	
MO-MPK	2018/19-2	Wet	11/29/2018 1:40:00 PM	12/14/2018 9:37:00 PM	Bis(2-ethylhexyl)phthalate	n/a	<	2.1	µg/L	EPA 525.2	2.1	6	WKL	
MO-MPK	2018/19-2	Wet	11/29/2018 1:40:00 PM	1/7/2019 4:55:00 AM	Bis(2-ethylhexyl)phthalate	n/a	<	4.6	µg/L	EPA 625	4.6	10	WKL	
MO-MPK	2018/19-2	Wet	11/29/2018 1:40:00 PM	1/7/2019 4:55:00 AM	Butyl benzyl phthalate	n/a	DNQ	0.37	µg/L	EPA 625	0.36	2	WKL	UL-MB
MO-MPK	2018/19-2	Wet	11/29/2018 1:40:00 PM	1/7/2019 4:55:00 AM	Chrysene	n/a	<	0.38	µg/L	EPA 625	0.38	2	WKL	
MO-MPK	2018/19-2	Wet	11/29/2018 1:40:00 PM	1/12/2019 1:12:00 AM	Chrysene	n/a	<	0.2	µg/L	EPA 8270C	0.2	0.2	WKL	
MO-MPK	2018/19-2	Wet	11/29/2018 1:40:00 PM	1/7/2019 4:55:00 AM	Dibenz(a,h)anthracene	n/a	<	0.16	µg/L	EPA 625	0.16	4	WKL	
MO-MPK	2018/19-2	Wet	11/29/2018 1:40:00 PM	1/12/2019 1:12:00 AM	Dibenz(a,h)anthracene	n/a	<	0.2	µg/L	EPA 8270C	0.2	0.2	WKL	
MO-MPK	2018/19-2	Wet	11/29/2018 1:40:00 PM	1/7/2019 4:55:00 AM	Diethyl phthalate	n/a	<	0.3	µg/L	EPA 625	0.3	2	WKL	
MO-MPK	2018/19-2	Wet	11/29/2018 1:40:00 PM	1/7/2019 4:55:00 AM	Dimethyl phthalate	n/a	<	0.36	µg/L	EPA 625	0.36	2	WKL	
MO-MPK	2018/19-2	Wet	11/29/2018 1:40:00 PM	1/7/2019 4:55:00 AM	Di-n-butylphthalate	n/a	<	0.48	µg/L	EPA 625	0.48	2	WKL	
MO-MPK	2018/19-2	Wet	11/29/2018 1:40:00 PM	1/7/2019 4:55:00 AM	Di-n-octylphthalate	n/a	<	0.38	µg/L	EPA 625	0.38	2	WKL	
MO-MPK	2018/19-2	Wet	11/29/2018 1:40:00 PM	1/12/2019 1:12:00 AM	Fluoranthene	n/a	<	0.2	µg/L	EPA 8270C	0.2	0.2	WKL	
MO-MPK	2018/19-2	Wet	11/29/2018 1:40:00 PM	1/7/2019 4:55:00 AM	Fluoranthene	n/a	<	0.44	µg/L	EPA 625	0.44	2	WKL	
MO-MPK	2018/19-2	Wet	11/29/2018 1:40:00 PM	1/7/2019 4:55:00 AM	Fluorene	n/a	<	0.7	µg/L	EPA 625	0.7	2	WKL	
MO-MPK	2018/19-2	Wet	11/29/2018 1:40:00 PM	1/12/2019 1:12:00 AM	Fluorene	n/a	<	0.2	µg/L	EPA 8270C	0.2	0.2	WKL	
MO-MPK	2018/19-2	Wet	11/29/2018 1:40:00 PM	1/7/2019 4:55:00 AM	Hexachlorobenzene	n/a	<	0.98	µg/L	EPA 625	0.98	2	WKL	
MO-MPK	2018/19-2	Wet	11/29/2018 1:40:00 PM	1/7/2019 4:55:00 AM	Hexachlorobutadiene	n/a	<	0.94	µg/L	EPA 625	0.94	2	WKL	
MO-MPK	2018/19-2	Wet	11/29/2018 1:40:00 PM	1/7/2019 4:55:00 AM	Hexachlorocyclopentadiene	n/a	<	2.9	µg/L	EPA 625	2.9	10	WKL	
MO-MPK	2018/19-2	Wet	11/29/2018 1:40:00 PM	1/7/2019 4:55:00 AM	Hexachlorocyclohexane	n/a	<	1	µg/L	EPA 625	1	2	WKL	
MO-MPK	2018/19-2	Wet	11/29/2018 1:40:00 PM	1/7/2019 4:55:00 AM	Indeno(1,2,3-cd)pyrene	n/a	<	0.24	µg/L	EPA 625	0.24	4	WKL	
MO-MPK	2018/19-2	Wet	11/29/2018 1:40:00 PM	1/12/2019 1:12:00 AM	Indeno(1,2,3-cd)pyrene	n/a	<	0.2	µg/L	EPA 8270C	0.2	0.2	WKL	
MO-MPK	2018/19-2	Wet	11/29/2018 1:40:00 PM	1/7/2019 4:55:00 AM	Isophorone	n/a	<	0.42	µg/L	EPA 625	0.42	2	WKL	
MO-MPK	2018/19-2	Wet	11/29/2018 1:40:00 PM	1/7/2019 4:55:00 AM	Naphthalene	n/a	<	0.98	µg/L	EPA 625	0.98	2	WKL	
MO-MPK	2018/19-2	Wet	11/29/2018 1:40:00 PM	1/12/2019 1:12:00 AM	Naphthalene	n/a	<	0.2	µg/L	EPA 8270C	0.2	0.2	WKL	

Appendix G
Laboratory Environmental Analysis Results

Site ID	Event	Event Type	Sample Date	Analysis Date	Constituent	Fraction	Sign	Result	Units	Method	MDL	Reporting Limit	Analyzing Laboratory	Qualifier
MO-MPK	2018/19-2	Wet	11/29/2018 1:40:00 PM	1/7/2019 4:55:00 AM	Nitrobenzene	n/a	<	0.72	µg/L	EPA 625	0.72	2	WKL	
MO-MPK	2018/19-2	Wet	11/29/2018 1:40:00 PM	1/7/2019 4:55:00 AM	N-Nitrosodimethylamine	n/a	<	0.28	µg/L	EPA 625	0.28	2	WKL	
MO-MPK	2018/19-2	Wet	11/29/2018 1:40:00 PM	1/7/2019 4:55:00 AM	N-Nitrosodi-N-propylamine	n/a	<	0.52	µg/L	EPA 625	0.52	2	WKL	
MO-MPK	2018/19-2	Wet	11/29/2018 1:40:00 PM	1/7/2019 4:55:00 AM	N-Nitrosodiphenylamine	n/a	<	0.38	µg/L	EPA 625	0.38	2	WKL	
MO-MPK	2018/19-2	Wet	11/29/2018 1:40:00 PM	1/7/2019 4:55:00 AM	Phenanthrene	n/a	<	0.64	µg/L	EPA 625	0.64	2	WKL	
MO-MPK	2018/19-2	Wet	11/29/2018 1:40:00 PM	1/12/2019 1:12:00 AM	Phenanthrene	n/a	<	0.2	µg/L	EPA 8270C	0.2	0.2	WKL	
MO-MPK	2018/19-2	Wet	11/29/2018 1:40:00 PM	1/7/2019 4:55:00 AM	Phenol	n/a	<	0.32	µg/L	EPA 625	0.32	2	WKL	
MO-MPK	2018/19-2	Wet	11/29/2018 1:40:00 PM	1/11/2019 5:30:00 AM	Phenol	n/a	<	0.7	µg/L	EPA 8270C	0.7	2	WKL	
MO-MPK	2018/19-2	Wet	11/29/2018 1:40:00 PM	1/7/2019 4:55:00 AM	Pyrene	n/a	<	0.5	µg/L	EPA 625	0.5	2	WKL	
MO-MPK	2018/19-2	Wet	11/29/2018 1:40:00 PM	1/12/2019 1:12:00 AM	Pyrene	n/a	<	0.2	µg/L	EPA 8270C	0.2	0.2	WKL	
MO-MPK	2018/19-2	Wet	11/29/2018 1:40:00 PM	1/12/2019 2:01:00 PM	PCB Aroclor 1016	n/a	<	1	µg/L	EPA 608	1	10	WKL	
MO-MPK	2018/19-2	Wet	11/29/2018 1:40:00 PM	1/12/2019 2:01:00 PM	PCB Aroclor 1221	n/a	<	1.2	µg/L	EPA 608	1.2	10	WKL	
MO-MPK	2018/19-2	Wet	11/29/2018 1:40:00 PM	1/12/2019 2:01:00 PM	PCB Aroclor 1232	n/a	<	3	µg/L	EPA 608	3	10	WKL	
MO-MPK	2018/19-2	Wet	11/29/2018 1:40:00 PM	1/12/2019 2:01:00 PM	PCB Aroclor 1242	n/a	<	1.4	µg/L	EPA 608	1.4	10	WKL	
MO-MPK	2018/19-2	Wet	11/29/2018 1:40:00 PM	1/12/2019 2:01:00 PM	PCB Aroclor 1248	n/a	<	1.2	µg/L	EPA 608	1.2	10	WKL	
MO-MPK	2018/19-2	Wet	11/29/2018 1:40:00 PM	1/12/2019 2:01:00 PM	PCB Aroclor 1254	n/a	<	0.8	µg/L	EPA 608	0.8	10	WKL	
MO-MPK	2018/19-2	Wet	11/29/2018 1:40:00 PM	1/12/2019 2:01:00 PM	PCB Aroclor 1260	n/a	<	0.8	µg/L	EPA 608	0.8	10	WKL	
MO-MPK	2018/19-2	Wet	11/29/2018 1:40:00 PM	12/27/2018 10:36:00 PM	2,4,5-T	n/a	<	0.07	µg/L	EPA 515.3	0.07	0.2	WKL	
MO-MPK	2018/19-2	Wet	11/29/2018 1:40:00 PM	12/27/2018 10:36:00 PM	2,4,5-TP	n/a	<	0.09	µg/L	EPA 515.3	0.09	0.2	WKL	
MO-MPK	2018/19-2	Wet	11/29/2018 1:40:00 PM	12/27/2018 10:36:00 PM	2,4-D	n/a	<	0.07	µg/L	EPA 515.3	0.07	0.4	WKL	
MO-MPK	2018/19-2	Wet	11/29/2018 1:40:00 PM	12/27/2018 10:36:00 PM	2,4-DB	n/a	<	0.07	µg/L	EPA 515.3	0.07	2	WKL	
MO-MPK	2018/19-2	Wet	11/29/2018 1:40:00 PM	12/27/2018 10:36:00 PM	3,5-Dichlorobenzoic acid	n/a	<	0.09	µg/L	EPA 515.3	0.09	1	WKL	
MO-MPK	2018/19-2	Wet	11/29/2018 1:40:00 PM	1/12/2019 2:01:00 PM	4,4'-DDD	n/a	<	0.06	µg/L	EPA 608	0.06	1	WKL	
MO-MPK	2018/19-2	Wet	11/29/2018 1:40:00 PM	1/12/2019 2:01:00 PM	4,4'-DDE	n/a	<	0.05	µg/L	EPA 608	0.05	1	WKL	
MO-MPK	2018/19-2	Wet	11/29/2018 1:40:00 PM	1/12/2019 2:01:00 PM	4,4'-DDT	n/a	<	0.062	µg/L	EPA 608	0.062	0.2	WKL	
MO-MPK	2018/19-2	Wet	11/29/2018 1:40:00 PM	12/27/2018 10:36:00 PM	Acifluorfen	n/a	<	0.06	µg/L	EPA 515.3	0.06	0.4	WKL	
MO-MPK	2018/19-2	Wet	11/29/2018 1:40:00 PM	12/14/2018 9:37:00 PM	Alachlor	n/a	<	0.044	µg/L	EPA 525.2	0.044	0.2	WKL	
MO-MPK	2018/19-2	Wet	11/29/2018 1:40:00 PM	1/12/2019 2:01:00 PM	Aldrin	n/a	<	0.03	µg/L	EPA 608	0.03	0.1	WKL	
MO-MPK	2018/19-2	Wet	11/29/2018 1:40:00 PM	1/12/2019 2:01:00 PM	alpha-BHC	n/a	<	0.036	µg/L	EPA 608	0.036	0.2	WKL	
MO-MPK	2018/19-2	Wet	11/29/2018 1:40:00 PM	1/12/2019 2:01:00 PM	alpha-Chlordane	n/a	<	0.082	µg/L	EPA 608	0.082	0.2	WKL	
MO-MPK	2018/19-2	Wet	11/29/2018 1:40:00 PM	12/14/2018 9:37:00 PM	Atrazine	n/a	<	0.068	µg/L	EPA 525.2	0.068	0.2	WKL	
MO-MPK	2018/19-2	Wet	11/29/2018 1:40:00 PM	12/19/2018 8:34:00 PM	Azinphos methyl	n/a	<	0.011	µg/L	EPA 525.2m	0.011	0.02	WKL	
MO-MPK	2018/19-2	Wet	11/29/2018 1:40:00 PM	12/27/2018 10:36:00 PM	Bentazon	n/a	<	0.11	µg/L	EPA 515.3	0.11	2	WKL	
MO-MPK	2018/19-2	Wet	11/29/2018 1:40:00 PM	1/12/2019 2:01:00 PM	beta-BHC	n/a	<	0.062	µg/L	EPA 608	0.062	0.1	WKL	
MO-MPK	2018/19-2	Wet	11/29/2018 1:40:00 PM	12/19/2018 8:34:00 PM	Bolstar	n/a	<	0.0092	µg/L	EPA 525.2m	0.0092	0.02	WKL	
MO-MPK	2018/19-2	Wet	11/29/2018 1:40:00 PM	12/14/2018 9:37:00 PM	Bromacil	n/a	<	0.076	µg/L	EPA 525.2	0.076	2	WKL	
MO-MPK	2018/19-2	Wet	11/29/2018 1:40:00 PM	12/14/2018 9:37:00 PM	Butachlor	n/a	<	0.034	µg/L	EPA 525.2	0.034	0.4	WKL	
MO-MPK	2018/19-2	Wet	11/29/2018 1:40:00 PM	12/14/2018 9:37:00 PM	Captan	n/a	<	1.7	µg/L	EPA 525.2	1.7	2	WKL	
MO-MPK	2018/19-2	Wet	11/29/2018 1:40:00 PM	1/12/2019 2:01:00 PM	Chlordane (technical)	n/a	<	1.6	µg/L	EPA 608	1.6	2	WKL	
MO-MPK	2018/19-2	Wet	11/29/2018 1:40:00 PM	12/14/2018 9:37:00 PM	Chlorpropham	n/a	<	0.02	µg/L	EPA 525.2	0.02	0.2	WKL	
MO-MPK	2018/19-2	Wet	11/29/2018 1:40:00 PM	12/19/2018 8:34:00 PM	Chlorpyrifos	n/a	<	0.014	µg/L	EPA 525.2m	0.014	0.02	WKL	
MO-MPK	2018/19-2	Wet	11/29/2018 1:40:00 PM	12/19/2018 8:34:00 PM	Coumaphos	n/a	<	0.01	µg/L	EPA 525.2m	0.01	0.02	WKL	
MO-MPK	2018/19-2	Wet	11/29/2018 1:40:00 PM	12/14/2018 9:37:00 PM	Cyanazine	n/a	<	0.048	µg/L	EPA 525.2	0.048	0.2	WKL	
MO-MPK	2018/19-2	Wet	11/29/2018 1:40:00 PM	12/27/2018 10:36:00 PM	Dalapon	n/a	<	0.1	µg/L	EPA 515.3	0.1	0.4	WKL	
MO-MPK	2018/19-2	Wet	11/29/2018 1:40:00 PM	12/27/2018 10:36:00 PM	DCPA (Dacthal)	n/a	=	1	µg/L	EPA 515.3	0.07	0.1	WKL	
MO-MPK	2018/19-2	Wet	11/29/2018 1:40:00 PM	1/12/2019 2:01:00 PM	delta-BHC	n/a	<	0.05	µg/L	EPA 608	0.05	0.1	WKL	
MO-MPK	2018/19-2	Wet	11/29/2018 1:40:00 PM	12/19/2018 8:34:00 PM	Demeton-O	n/a	<	0.02	µg/L	EPA 525.2m	0.02	0.02	WKL	
MO-MPK	2018/19-2	Wet	11/29/2018 1:40:00 PM	12/19/2018 8:34:00 PM	Demeton-S	n/a	<	0.02	µg/L	EPA 525.2m	0.02	0.02	WKL	

Appendix G
Laboratory Environmental Analysis Results

Site ID	Event	Event Type	Sample Date	Analysis Date	Constituent	Fraction	Sign	Result	Units	Method	MDL	Reporting Limit	Analyzing Laboratory	Qualifier
MO-MPK	2018/19-2	Wet	11/29/2018 1:40:00 PM	12/14/2018 9:37:00 PM	Diazinon	n/a	<	0.19	µg/L	EPA 525.2	0.19	0.2	WKL	
MO-MPK	2018/19-2	Wet	11/29/2018 1:40:00 PM	12/19/2018 8:34:00 PM	Diazinon	n/a	<	0.01	µg/L	EPA 525.2m	0.01	0.02	WKL	
MO-MPK	2018/19-2	Wet	11/29/2018 1:40:00 PM	12/27/2018 10:36:00 PM	Dicamba	n/a	<	0.12	µg/L	EPA 515.3	0.12	0.6	WKL	
MO-MPK	2018/19-2	Wet	11/29/2018 1:40:00 PM	12/27/2018 10:36:00 PM	Dichlorprop	n/a	<	0.08	µg/L	EPA 515.3	0.08	0.3	WKL	
MO-MPK	2018/19-2	Wet	11/29/2018 1:40:00 PM	12/19/2018 8:34:00 PM	Dichlorvos	n/a	<	0.0058	µg/L	EPA 525.2m	0.0058	0.02	WKL	
MO-MPK	2018/19-2	Wet	11/29/2018 1:40:00 PM	1/12/2019 2:01:00 PM	Dieldrin	n/a	<	0.042	µg/L	EPA 608	0.042	0.2	WKL	
MO-MPK	2018/19-2	Wet	11/29/2018 1:40:00 PM	12/19/2018 8:34:00 PM	Dimethoate	n/a	<	0.012	µg/L	EPA 525.2m	0.012	0.02	WKL	
MO-MPK	2018/19-2	Wet	11/29/2018 1:40:00 PM	12/14/2018 9:37:00 PM	Dimethoate	n/a	<	0.048	µg/L	EPA 525.2	0.048	0.4	WKL	
MO-MPK	2018/19-2	Wet	11/29/2018 1:40:00 PM	12/27/2018 10:36:00 PM	Dinoseb	n/a	<	0.14	µg/L	EPA 515.3	0.14	0.4	WKL	
MO-MPK	2018/19-2	Wet	11/29/2018 1:40:00 PM	12/14/2018 9:37:00 PM	Diphenamid	n/a	<	0.048	µg/L	EPA 525.2	0.048	0.2	WKL	
MO-MPK	2018/19-2	Wet	11/29/2018 1:40:00 PM	12/14/2018 9:37:00 PM	Disulfoton	n/a	<	0.062	µg/L	EPA 525.2	0.062	0.2	WKL	
MO-MPK	2018/19-2	Wet	11/29/2018 1:40:00 PM	12/19/2018 8:34:00 PM	Disulfoton	n/a	<	0.02	µg/L	EPA 525.2m	0.02	0.02	WKL	
MO-MPK	2018/19-2	Wet	11/29/2018 1:40:00 PM	1/12/2019 2:01:00 PM	Endosulfan I	n/a	<	0.034	µg/L	EPA 608	0.034	0.4	WKL	
MO-MPK	2018/19-2	Wet	11/29/2018 1:40:00 PM	1/12/2019 2:01:00 PM	Endosulfan II	n/a	<	0.038	µg/L	EPA 608	0.038	0.2	WKL	
MO-MPK	2018/19-2	Wet	11/29/2018 1:40:00 PM	1/12/2019 2:01:00 PM	Endosulfan sulfate	n/a	<	0.16	µg/L	EPA 608	0.16	1	WKL	
MO-MPK	2018/19-2	Wet	11/29/2018 1:40:00 PM	1/12/2019 2:01:00 PM	Endrin	n/a	<	0.056	µg/L	EPA 608	0.056	0.2	WKL	
MO-MPK	2018/19-2	Wet	11/29/2018 1:40:00 PM	1/12/2019 2:01:00 PM	Endrin aldehyde	n/a	<	0.06	µg/L	EPA 608	0.06	0.2	WKL	
MO-MPK	2018/19-2	Wet	11/29/2018 1:40:00 PM	12/14/2018 9:37:00 PM	EPTC	n/a	<	0.034	µg/L	EPA 525.2	0.034	2	WKL	
MO-MPK	2018/19-2	Wet	11/29/2018 1:40:00 PM	12/19/2018 8:34:00 PM	Ethoprop	n/a	<	0.013	µg/L	EPA 525.2m	0.013	0.02	WKL	
MO-MPK	2018/19-2	Wet	11/29/2018 1:40:00 PM	12/19/2018 8:34:00 PM	Ethyl parathion	n/a	<	0.011	µg/L	EPA 525.2m	0.011	0.02	WKL	
MO-MPK	2018/19-2	Wet	11/29/2018 1:40:00 PM	12/19/2018 8:34:00 PM	Fensulfothion	n/a	<	0.0058	µg/L	EPA 525.2m	0.0058	0.02	WKL	
MO-MPK	2018/19-2	Wet	11/29/2018 1:40:00 PM	12/19/2018 1:40:00 PM	Fenthion	n/a	<	0.0076	µg/L	EPA 525.2m	0.0076	0.02	WKL	
MO-MPK	2018/19-2	Wet	11/29/2018 1:40:00 PM	1/12/2019 2:01:00 PM	gamma-BHC (Lindane)	n/a	<	0.042	µg/L	EPA 608	0.042	0.4	WKL	
MO-MPK	2018/19-2	Wet	11/29/2018 1:40:00 PM	1/12/2019 2:01:00 PM	gamma-Chlordane	n/a	<	0.088	µg/L	EPA 608	0.088	0.2	WKL	
MO-MPK	2018/19-2	Wet	11/29/2018 1:40:00 PM	12/10/2018 9:38:00 PM	Glyphosate	n/a	=	7.3	µg/L	EPA 547	1.8	5	WKL	
MO-MPK	2018/19-2	Wet	11/29/2018 1:40:00 PM	1/12/2019 2:01:00 PM	Heptachlor	n/a	<	0.034	µg/L	EPA 608	0.034	0.2	WKL	
MO-MPK	2018/19-2	Wet	11/29/2018 1:40:00 PM	1/12/2019 2:01:00 PM	Heptachlor epoxide	n/a	<	0.038	µg/L	EPA 608	0.038	0.2	WKL	
MO-MPK	2018/19-2	Wet	11/29/2018 1:40:00 PM	12/19/2018 8:34:00 PM	Malathion	n/a	=	0.02	µg/L	EPA 525.2m	0.015	0.02	WKL	
MO-MPK	2018/19-2	Wet	11/29/2018 1:40:00 PM	12/19/2018 8:34:00 PM	Merphos	n/a	<	0.012	µg/L	EPA 525.2m	0.012	0.02	WKL	
MO-MPK	2018/19-2	Wet	11/29/2018 1:40:00 PM	1/12/2019 2:01:00 PM	Methoxychlor	n/a	<	0.11	µg/L	EPA 608	0.11	0.4	WKL	
MO-MPK	2018/19-2	Wet	11/29/2018 1:40:00 PM	12/19/2018 8:34:00 PM	Methyl parathion	n/a	<	0.013	µg/L	EPA 525.2m	0.013	0.02	WKL	
MO-MPK	2018/19-2	Wet	11/29/2018 1:40:00 PM	12/14/2018 9:37:00 PM	Metolachlor	n/a	<	0.024	µg/L	EPA 525.2	0.024	0.2	WKL	
MO-MPK	2018/19-2	Wet	11/29/2018 1:40:00 PM	12/14/2018 9:37:00 PM	Metribuzin	n/a	<	0.03	µg/L	EPA 525.2	0.03	0.2	WKL	
MO-MPK	2018/19-2	Wet	11/29/2018 1:40:00 PM	12/19/2018 8:34:00 PM	Mevinphos	n/a	<	0.0084	µg/L	EPA 525.2m	0.0084	0.02	WKL	
MO-MPK	2018/19-2	Wet	11/29/2018 1:40:00 PM	12/14/2018 9:37:00 PM	Molinate	n/a	<	0.078	µg/L	EPA 525.2	0.078	0.2	WKL	
MO-MPK	2018/19-2	Wet	11/29/2018 1:40:00 PM	12/19/2018 8:34:00 PM	Naled	n/a	<	0.015	µg/L	EPA 525.2m	0.015	0.02	WKL	
MO-MPK	2018/19-2	Wet	11/29/2018 1:40:00 PM	1/11/2019 5:30:00 AM	Pentachlorophenol	n/a	=	100	µg/L	EPA 8270C	0.3	2	WKL	EST
MO-MPK	2018/19-2	Wet	11/29/2018 1:40:00 PM	1/7/2019 4:55:00 AM	Pentachlorophenol	n/a	=	98	µg/L	EPA 625	0.38	2	WKL	
MO-MPK	2018/19-2	Wet	11/29/2018 1:40:00 PM	1/15/2019 6:09:00 PM	Pentachlorophenol	n/a	=	150	µg/L	EPA 515.3	4	20	WKL	EST-HT
MO-MPK	2018/19-2	Wet	11/29/2018 1:40:00 PM	12/19/2018 8:34:00 PM	Phorate	n/a	<	0.006	µg/L	EPA 525.2m	0.006	0.02	WKL	
MO-MPK	2018/19-2	Wet	11/29/2018 1:40:00 PM	12/27/2018 10:36:00 PM	Picloram	n/a	<	0.05	µg/L	EPA 515.3	0.05	0.6	WKL	
MO-MPK	2018/19-2	Wet	11/29/2018 1:40:00 PM	12/14/2018 9:37:00 PM	Prometon	n/a	<	0.048	µg/L	EPA 525.2	0.048	0.4	WKL	
MO-MPK	2018/19-2	Wet	11/29/2018 1:40:00 PM	12/14/2018 9:37:00 PM	Prometryn	n/a	<	0.072	µg/L	EPA 525.2	0.072	0.2	WKL	
MO-MPK	2018/19-2	Wet	11/29/2018 1:40:00 PM	12/19/2018 8:34:00 PM	Ronnel (Fenchlorphos)	n/a	<	0.0082	µg/L	EPA 525.2m	0.0082	0.02	WKL	
MO-MPK	2018/19-2	Wet	11/29/2018 1:40:00 PM	12/14/2018 9:37:00 PM	Simazine	n/a	<	0.03	µg/L	EPA 525.2	0.03	0.2	WKL	
MO-MPK	2018/19-2	Wet	11/29/2018 1:40:00 PM	12/19/2018 8:34:00 PM	Stirophos (Tetrachlorvinphos)	n/a	<	0.0062	µg/L	EPA 525.2m	0.0062	0.02	WKL	
MO-MPK	2018/19-2	Wet	11/29/2018 1:40:00 PM	12/14/2018 9:37:00 PM	Terbacil	n/a	<	1.1	µg/L	EPA 525.2	1.1	4	WKL	
MO-MPK	2018/19-2	Wet	11/29/2018 1:40:00 PM	12/14/2018 9:37:00 PM	Thiobencarb	n/a	<	0.05	µg/L	EPA 525.2	0.05	0.4	WKL	

Appendix G
Laboratory Environmental Analysis Results

Site ID	Event	Event Type	Sample Date	Analysis Date	Constituent	Fraction	Sign	Result	Units	Method	MDL	Reporting Limit	Analyzing Laboratory	Qualifier
MO-MPK	2018/19-2	Wet	11/29/2018 1:40:00 PM	12/19/2018 8:34:00 PM	Tokuthion	n/a	<	0.016	µg/L	EPA 525.2m	0.016	0.02	WKL	
MO-MPK	2018/19-2	Wet	11/29/2018 1:40:00 PM	1/12/2019 2:01:00 PM	Toxaphene	n/a	<	2.4	µg/L	EPA 608	2.4	10	WKL	
MO-MPK	2018/19-2	Wet	11/29/2018 1:40:00 PM	12/19/2018 8:34:00 PM	Trichloronate	n/a	<	0.013	µg/L	EPA 525.2m	0.013	0.02	WKL	
MO-MPK	2018/19-2	Wet	11/29/2018 1:40:00 PM	12/14/2018 9:37:00 PM	Trithion	n/a	<	0.024	µg/L	EPA 525.2	0.024	0.2	WKL	
MO-MPK	2018/19-3	Wet	1/5/2019 7:40:00 PM	1/6/2019 5:20:00 PM	E. Coli	n/a	=	2014	MPN/100 mL	MMO-MUG	10	10	VCHCA	
MO-MPK	2018/19-3	Wet	1/5/2019 7:40:00 PM	1/6/2019 5:20:00 PM	Total Coliform	n/a	=	57940	MPN/100 mL	MMO-MUG	100	100	VCHCA	
MO-MPK	2018/19-3	Wet	1/5/2019 7:40:00 PM	1/5/2019 7:40:00 PM	Conductivity	n/a	=	107.5	µmhos/cm	Field Meter	-88	1	Field Crew	
MO-MPK	2018/19-3	Wet	1/5/2019 7:40:00 PM	1/16/2019 4:44:00 PM	Cyanide	Total	DNQ	0.0011	mg/L	ASTM D7511	0.0005	0.002	WKL	
MO-MPK	2018/19-3	Wet	1/5/2019 7:40:00 PM	1/5/2019 7:40:00 PM	DO	n/a	=	10.25	mg/L	Field Meter	-88	0.3	Field Crew	
MO-MPK	2018/19-3	Wet	1/5/2019 7:40:00 PM	1/5/2019 7:40:00 PM	DO	n/a	=	94.6	%	Field Meter	-88	0.1	Field Crew	
MO-MPK	2018/19-3	Wet	1/5/2019 7:40:00 PM	1/5/2019 7:40:00 PM	pH	n/a	=	7.76	pH Units	Field Meter	-88	0.01	Field Crew	
MO-MPK	2018/19-3	Wet	1/5/2019 7:40:00 PM	1/5/2019 7:40:00 PM	Salinity	n/a	=	100	mg/L	Field Meter	-88	100	Field Crew	
MO-MPK	2018/19-3	Wet	1/5/2019 7:40:00 PM	1/5/2019 7:40:00 PM	Specific Conductance	n/a	=	147.3	µmhos/cm	Field Meter	-88	1	Field Crew	
MO-MPK	2018/19-3	Wet	1/5/2019 7:40:00 PM	1/5/2019 7:40:00 PM	Temperature	n/a	=	10.9	°C	Field Meter	-88	0.1	Field Crew	
MO-MPK	2018/19-3	Wet	1/5/2019 7:40:00 PM	1/12/2019 2:26:00 PM	Gasoline Range Organics	n/a	<	0.012	mg/L	LUFT GC/MS	0.012	0.1	WKL	
MO-MPK	2018/19-3	Wet	1/5/2019 7:40:00 PM	1/11/2019 3:00:00 PM	Oil and Grease	n/a	<	1.3	mg/L	EPA 1664A	1.3	5	WKL	
MO-MPK	2018/19-3	Wet	1/5/2019 7:40:00 PM	1/8/2019 10:12:00 PM	2-Chloroethyl vinyl ether	n/a	<	0.28	µg/L	EPA 624	0.28	1	WKL	
MO-MPK	2018/19-3	Wet	1/5/2019 7:40:00 PM	1/8/2019 10:12:00 PM	Methyl tert-butyl ether (MTBE)	n/a	<	0.25	µg/L	EPA 624	0.25	1	WKL	
MO-MPK	2018/19-3	Wet	1/5/2019 9:30:00 PM	1/15/2019 10:00:00 PM	Chloride	n/a	=	9.8	mg/L	EPA 300.0	0.1	0.5	WKL	
MO-MPK	2018/19-3	Wet	1/5/2019 9:30:00 PM	1/15/2019 10:00:00 PM	Fluoride	n/a	DNQ	0.054	mg/L	EPA 300.0	0.02	0.1	WKL	
MO-MPK	2018/19-3	Wet	1/5/2019 9:30:00 PM	1/9/2019 8:43:00 AM	Perchlorate	n/a	<	0.95	µg/L	EPA 314.0	0.95	2	WKL	
MO-MPK	2018/19-3	Wet	1/5/2019 9:30:00 PM	1/15/2019 10:00:00 PM	Sulfate	Total	=	36	mg/L	EPA 300.0	0.1	0.5	WKL	
MO-MPK	2018/19-3	Wet	1/5/2019 9:30:00 PM	1/30/2019 8:03:00 PM	Calcium	Total	=	27.6	mg/L	EPA 200.7	0.016	0.1	WKL	
MO-MPK	2018/19-3	Wet	1/5/2019 9:30:00 PM	1/30/2019 8:03:00 PM	Magnesium	Total	=	6.07	mg/L	EPA 200.7	0.012	0.1	WKL	
MO-MPK	2018/19-3	Wet	1/5/2019 9:30:00 PM	1/30/2019 8:03:00 PM	Potassium	Total	=	6.6	mg/L	EPA 200.7	0.081	0.1	WKL	
MO-MPK	2018/19-3	Wet	1/5/2019 9:30:00 PM	1/30/2019 8:03:00 PM	Sodium	Total	=	8.6	mg/L	EPA 200.7	0.015	0.5	WKL	
MO-MPK	2018/19-3	Wet	1/5/2019 9:30:00 PM	1/11/2019 3:58:00 PM	Alkalinity as CaCO3	n/a	=	31	mg/L	SM 2320 B	0.56	2	WKL	
MO-MPK	2018/19-3	Wet	1/5/2019 9:30:00 PM	1/12/2019 12:51:00 PM	BOD	n/a	=	18	mg/L	SM 5210 B	2	2	WKL	
MO-MPK	2018/19-3	Wet	1/5/2019 9:30:00 PM	1/17/2019 11:30:00 AM	COD	n/a	=	95	mg/L	EPA 410.4	0.73	5	WKL	
MO-MPK	2018/19-3	Wet	1/5/2019 9:30:00 PM	1/31/2019 4:14:00 AM	Dissolved Inorganic Carbon	Dissolved	=	9	mg/L	SM 5310 B	0.65	1	TestAmerica	
MO-MPK	2018/19-3	Wet	1/5/2019 9:30:00 PM	1/31/2019 2:46:05 PM	Dissolved Organic Carbon	Dissolved	=	8	mg/L	SM 5310 B	0.65	1	TestAmerica	
MO-MPK	2018/19-3	Wet	1/5/2019 9:30:00 PM	1/30/2019 8:03:00 PM	Hardness as CaCO3	Total	=	94	mg/L	EPA 200.7	0.0894	0.662	WKL	
MO-MPK	2018/19-3	Wet	1/5/2019 9:30:00 PM	1/7/2019 2:48:00 PM	MBAS	n/a	DNQ	0.027	mg/L	SM 5540 C	0.019	0.05	WKL	
MO-MPK	2018/19-3	Wet	1/5/2019 9:30:00 PM	1/17/2019 5:46:00 PM	Phenolics	n/a	=	0.089	mg/L	EPA 420.4	0.0042	0.01	WKL	
MO-MPK	2018/19-3	Wet	1/5/2019 9:30:00 PM	1/10/2019 11:39:00 AM	Specific Conductance	n/a	=	220	µmhos/cm	SM 2510 B	0.23	2	WKL	
MO-MPK	2018/19-3	Wet	1/5/2019 9:30:00 PM	1/7/2019 6:56:00 PM	Total Chlorine Residual	n/a	DNQ	0.002	mg/L	SM 4500-Cl G	0.0015	0.05	WKL	EST-HT, UL-MB
MO-MPK	2018/19-3	Wet	1/5/2019 9:30:00 PM	1/10/2019 2:32:00 PM	Total Dissolved Solids	n/a	=	150	mg/L	SM 2540 C	4	10	WKL	
MO-MPK	2018/19-3	Wet	1/5/2019 9:30:00 PM	1/31/2019 4:14:00 PM	Total Organic Carbon	n/a	=	9.6	mg/L	SM 5310 B	0.21	0.3	MCA	
MO-MPK	2018/19-3	Wet	1/5/2019 9:30:00 PM	1/8/2019 1:30:00 PM	Total Suspended Solids	n/a	=	640	mg/L	SM 2540 D	-88	5	WKL	
MO-MPK	2018/19-3	Wet	1/5/2019 9:30:00 PM	1/7/2019 11:44:00 AM	Turbidity	n/a	=	60	NTU	EPA 180.1	0.48	2	WKL	
MO-MPK	2018/19-3	Wet	1/5/2019 9:30:00 PM	1/8/2019 1:30:00 PM	Volatile Suspended Solids	n/a	=	79	mg/L	EPA 160.4	3.1	5	WKL	
MO-MPK	2018/19-3	Wet	1/5/2019 9:30:00 PM	1/23/2019 3:57:00 AM	Diesel Range Organics	n/a	DNQ	0.35	mg/L	EPA 8015D	0.12	0.5	WKL	UL-MB
MO-MPK	2018/19-3	Wet	1/5/2019 9:30:00 PM	1/23/2019 3:57:00 AM	Oil Range Organics	n/a	<	1.6	mg/L	EPA 8015D	1.6	2.5	WKL	
MO-MPK	2018/19-3	Wet	1/5/2019 9:30:00 PM	1/16/2019 5:46:00 PM	Aluminum	Dissolved	=	30	µg/L	EPA 200.8	1.3	5	WKL	
MO-MPK	2018/19-3	Wet	1/5/2019 9:30:00 PM	1/16/2019 5:50:00 PM	Aluminum	Total	=	9300	µg/L	EPA 200.8	1.3	5	WKL	HB-MSR
MO-MPK	2018/19-3	Wet	1/5/2019 9:30:00 PM	1/17/2019 1:30:00 PM	Antimony	Dissolved	=	0.78	µg/L	EPA 200.8	0.045	0.5	WKL	
MO-MPK	2018/19-3	Wet	1/5/2019 9:30:00 PM	1/17/2019 1:33:00 PM	Antimony	Total	=	1.1	µg/L	EPA 200.8	0.045	0.5	WKL	LB-MSR
MO-MPK	2018/19-3	Wet	1/5/2019 9:30:00 PM	1/16/2019 5:46:00 PM	Arsenic	Dissolved	=	1.1	µg/L	EPA 200.8	0.074	0.4	WKL	

Appendix G
Laboratory Environmental Analysis Results

Site ID	Event	Event Type	Sample Date	Analysis Date	Constituent	Fraction	Sign	Result	Units	Method	MDL	Reporting Limit	Analyzing Laboratory	Qualifier
MO-MPK	2018/19-3	Wet	1/5/2019 9:30:00 PM	1/16/2019 5:50:00 PM	Arsenic	Total	=	3.9	µg/L	EPA 200.8	0.074	0.4	WKL	
MO-MPK	2018/19-3	Wet	1/5/2019 9:30:00 PM	1/16/2019 5:50:00 PM	Barium	Total	=	130	µg/L	EPA 200.8	0.071	0.5	WKL	
MO-MPK	2018/19-3	Wet	1/5/2019 9:30:00 PM	1/16/2019 5:46:00 PM	Beryllium	Dissolved	<	0.033	µg/L	EPA 200.8	0.033	0.1	WKL	
MO-MPK	2018/19-3	Wet	1/5/2019 9:30:00 PM	1/16/2019 5:50:00 PM	Beryllium	Total	=	0.34	µg/L	EPA 200.8	0.033	0.1	WKL	
MO-MPK	2018/19-3	Wet	1/5/2019 9:30:00 PM	1/16/2019 5:46:00 PM	Cadmium	Dissolved	DNQ	0.064	µg/L	EPA 200.8	0.041	0.1	WKL	
MO-MPK	2018/19-3	Wet	1/5/2019 9:30:00 PM	1/16/2019 5:50:00 PM	Cadmium	Total	=	0.64	µg/L	EPA 200.8	0.041	0.1	WKL	
MO-MPK	2018/19-3	Wet	1/5/2019 9:30:00 PM	1/16/2019 5:46:00 PM	Chromium	Dissolved	=	0.41	µg/L	EPA 200.8	0.035	0.2	WKL	
MO-MPK	2018/19-3	Wet	1/5/2019 9:30:00 PM	1/16/2019 5:50:00 PM	Chromium	Total	=	16	µg/L	EPA 200.8	0.035	0.2	WKL	
MO-MPK	2018/19-3	Wet	1/5/2019 9:30:00 PM	1/18/2019 3:38:00 PM	Chromium VI	n/a	=	0.21	µg/L	EPA 218.6	0.0048	0.02	WKL	
MO-MPK	2018/19-3	Wet	1/5/2019 9:30:00 PM	1/16/2019 5:46:00 PM	Copper	Dissolved	=	4.5	µg/L	EPA 200.8	0.13	0.5	WKL	
MO-MPK	2018/19-3	Wet	1/5/2019 9:30:00 PM	1/16/2019 5:50:00 PM	Copper	Total	=	24	µg/L	EPA 200.8	0.13	0.5	WKL	
MO-MPK	2018/19-3	Wet	1/5/2019 9:30:00 PM	1/30/2019 8:00:00 PM	Iron	Dissolved	=	41	µg/L	EPA 200.7	1.1	10	WKL	
MO-MPK	2018/19-3	Wet	1/5/2019 9:30:00 PM	1/30/2019 8:03:00 PM	Iron	Total	=	12000	µg/L	EPA 200.7	1.1	10	WKL	
MO-MPK	2018/19-3	Wet	1/5/2019 9:30:00 PM	1/16/2019 5:46:00 PM	Lead	Dissolved	DNQ	0.084	µg/L	EPA 200.8	0.031	0.2	WKL	
MO-MPK	2018/19-3	Wet	1/5/2019 9:30:00 PM	1/16/2019 5:50:00 PM	Lead	Total	=	11	µg/L	EPA 200.8	0.031	0.2	WKL	
MO-MPK	2018/19-3	Wet	1/5/2019 9:30:00 PM	1/11/2019 4:38:00 PM	Mercury	Dissolved	<	17	ng/L	EPA 245.1	17	50	WKL	
MO-MPK	2018/19-3	Wet	1/5/2019 9:30:00 PM	1/11/2019 4:40:00 PM	Mercury	Total	DNQ	43	ng/L	EPA 245.1	17	50	WKL	
MO-MPK	2018/19-3	Wet	1/5/2019 9:30:00 PM	1/16/2019 5:46:00 PM	Nickel	Dissolved	=	1.3	µg/L	EPA 200.8	0.045	0.8	WKL	
MO-MPK	2018/19-3	Wet	1/5/2019 9:30:00 PM	1/16/2019 5:50:00 PM	Nickel	Total	=	15	µg/L	EPA 200.8	0.045	0.8	WKL	
MO-MPK	2018/19-3	Wet	1/5/2019 9:30:00 PM	1/16/2019 5:46:00 PM	Selenium	Dissolved	=	0.84	µg/L	EPA 200.8	0.14	0.4	WKL	
MO-MPK	2018/19-3	Wet	1/5/2019 9:30:00 PM	1/16/2019 5:50:00 PM	Selenium	Total	=	1.1	µg/L	EPA 200.8	0.14	0.4	WKL	
MO-MPK	2018/19-3	Wet	1/5/2019 9:30:00 PM	1/16/2019 5:46:00 PM	Silver	Dissolved	<	0.062	µg/L	EPA 200.8	0.062	0.2	WKL	
MO-MPK	2018/19-3	Wet	1/5/2019 9:30:00 PM	1/16/2019 5:50:00 PM	Silver	Total	DNQ	0.067	µg/L	EPA 200.8	0.062	0.2	WKL	
MO-MPK	2018/19-3	Wet	1/5/2019 9:30:00 PM	1/16/2019 5:46:00 PM	Thallium	Dissolved	<	0.014	µg/L	EPA 200.8	0.014	0.2	WKL	
MO-MPK	2018/19-3	Wet	1/5/2019 9:30:00 PM	1/16/2019 5:50:00 PM	Thallium	Total	DNQ	0.12	µg/L	EPA 200.8	0.014	0.2	WKL	
MO-MPK	2018/19-3	Wet	1/5/2019 9:30:00 PM	1/16/2019 5:46:00 PM	Zinc	Dissolved	=	11	µg/L	EPA 200.8	0.94	5	WKL	
MO-MPK	2018/19-3	Wet	1/5/2019 9:30:00 PM	1/16/2019 5:50:00 PM	Zinc	Total	=	140	µg/L	EPA 200.8	0.94	5	WKL	
MO-MPK	2018/19-3	Wet	1/5/2019 9:30:00 PM	1/15/2019 6:47:00 PM	Ammonia as N	n/a	=	0.69	mg/L	EPA 350.1	0.048	0.1	WKL	
MO-MPK	2018/19-3	Wet	1/5/2019 9:30:00 PM	1/12/2019 10:14:00 AM	Nitrate + Nitrite as N	n/a	=	2.9	mg/L	EPA 353.2	0.083	0.2	WKL	
MO-MPK	2018/19-3	Wet	1/5/2019 9:30:00 PM	1/16/2019 6:10:00 PM	Phosphorus as P	Dissolved	=	0.18	mg/L	EPA 200.7	0.012	0.02	WKL	
MO-MPK	2018/19-3	Wet	1/5/2019 9:30:00 PM	1/16/2019 6:22:00 PM	Phosphorus as P	Total	=	0.9	mg/L	EPA 200.7	0.012	0.02	WKL	
MO-MPK	2018/19-3	Wet	1/5/2019 9:30:00 PM	1/11/2019 12:29:00 PM	TKN	n/a	=	2.2	mg/L	EPA 351.2	0.05	0.1	WKL	
MO-MPK	2018/19-3	Wet	1/5/2019 9:30:00 PM	1/30/2019 6:05:00 AM	1,2,4-Trichlorobenzene	n/a	<	2.8	µg/L	EPA 625	2.8	5	WKL	
MO-MPK	2018/19-3	Wet	1/5/2019 9:30:00 PM	1/30/2019 6:05:00 AM	1,2-Dichlorobenzene	n/a	<	2.8	µg/L	EPA 625	2.8	5	WKL	
MO-MPK	2018/19-3	Wet	1/5/2019 9:30:00 PM	1/30/2019 6:05:00 AM	1,2-Diphenylhydrazine	n/a	<	1.2	µg/L	EPA 625	1.2	5	WKL	
MO-MPK	2018/19-3	Wet	1/5/2019 9:30:00 PM	1/30/2019 6:05:00 AM	1,3-Dichlorobenzene	n/a	<	2.6	µg/L	EPA 625	2.6	5	WKL	
MO-MPK	2018/19-3	Wet	1/5/2019 9:30:00 PM	1/30/2019 6:05:00 AM	1,4-Dichlorobenzene	n/a	<	2.8	µg/L	EPA 625	2.8	5	WKL	
MO-MPK	2018/19-3	Wet	1/5/2019 9:30:00 PM	2/2/2019 2:06:00 AM	1-Methylnaphthalene	n/a	<	0.5	µg/L	EPA 8270C	0.5	0.5	WKL	
MO-MPK	2018/19-3	Wet	1/5/2019 9:30:00 PM	2/6/2019 1:47:00 AM	2,4,5-Trichlorophenol	n/a	<	1.4	µg/L	EPA 8270C	1.4	5	WKL	
MO-MPK	2018/19-3	Wet	1/5/2019 9:30:00 PM	1/30/2019 6:05:00 AM	2,4,6-Trichlorophenol	n/a	<	1.1	µg/L	EPA 625	1.1	5	WKL	
MO-MPK	2018/19-3	Wet	1/5/2019 9:30:00 PM	2/6/2019 1:47:00 AM	2,4,6-Trichlorophenol	n/a	<	1.5	µg/L	EPA 8270C	1.5	5	WKL	
MO-MPK	2018/19-3	Wet	1/5/2019 9:30:00 PM	2/6/2019 1:47:00 AM	2,4-Dichlorophenol	n/a	<	2.6	µg/L	EPA 8270C	2.6	5	WKL	
MO-MPK	2018/19-3	Wet	1/5/2019 9:30:00 PM	1/30/2019 6:05:00 AM	2,4-Dichlorophenol	n/a	<	1.3	µg/L	EPA 625	1.3	5	WKL	
MO-MPK	2018/19-3	Wet	1/5/2019 9:30:00 PM	1/30/2019 6:05:00 AM	2,4-Dimethylphenol	n/a	<	1.5	µg/L	EPA 625	1.5	5	WKL	
MO-MPK	2018/19-3	Wet	1/5/2019 9:30:00 PM	2/6/2019 1:47:00 AM	2,4-Dimethylphenol	n/a	<	5	µg/L	EPA 8270C	5	10	WKL	
MO-MPK	2018/19-3	Wet	1/5/2019 9:30:00 PM	1/30/2019 6:05:00 AM	2,4-Dinitrophenol	n/a	<	7.9	µg/L	EPA 625	7.9	50	WKL	
MO-MPK	2018/19-3	Wet	1/5/2019 9:30:00 PM	2/6/2019 1:47:00 AM	2,4-Dinitrophenol	n/a	<	5	µg/L	EPA 8270C	5	10	WKL	
MO-MPK	2018/19-3	Wet	1/5/2019 9:30:00 PM	1/30/2019 6:05:00 AM	2,4-Dinitrotoluene	n/a	<	0.9	µg/L	EPA 625	0.9	5	WKL	

Appendix G
Laboratory Environmental Analysis Results

Site ID	Event	Event Type	Sample Date	Analysis Date	Constituent	Fraction	Sign	Result	Units	Method	MDL	Reporting Limit	Analyzing Laboratory	Qualifier
MO-MPK	2018/19-3	Wet	1/5/2019 9:30:00 PM	1/30/2019 6:05:00 AM	2,6-Dinitrotoluene	n/a	<	1.4	µg/L	EPA 625	1.4	5	WKL	
MO-MPK	2018/19-3	Wet	1/5/2019 9:30:00 PM	1/30/2019 6:05:00 AM	2-Chloronaphthalene	n/a	<	2.2	µg/L	EPA 625	2.2	5	WKL	
MO-MPK	2018/19-3	Wet	1/5/2019 9:30:00 PM	1/30/2019 6:05:00 AM	2-Chlorophenol	n/a	<	1.4	µg/L	EPA 625	1.4	5	WKL	
MO-MPK	2018/19-3	Wet	1/5/2019 9:30:00 PM	2/6/2019 1:47:00 AM	2-Chlorophenol	n/a	<	3.2	µg/L	EPA 8270C	3.2	5	WKL	
MO-MPK	2018/19-3	Wet	1/5/2019 9:30:00 PM	2/2/2019 2:06:00 AM	2-Methylnaphthalene	n/a	<	0.5	µg/L	EPA 8270C	0.5	0.5	WKL	
MO-MPK	2018/19-3	Wet	1/5/2019 9:30:00 PM	2/6/2019 1:47:00 AM	2-Methylphenol	n/a	<	1.7	µg/L	EPA 8270C	1.7	5	WKL	
MO-MPK	2018/19-3	Wet	1/5/2019 9:30:00 PM	1/30/2019 6:05:00 AM	2-Nitrophenol	n/a	<	1.3	µg/L	EPA 625	1.3	5	WKL	
MO-MPK	2018/19-3	Wet	1/5/2019 9:30:00 PM	2/6/2019 1:47:00 AM	2-Nitrophenol	n/a	<	3.6	µg/L	EPA 8270C	3.6	5	WKL	
MO-MPK	2018/19-3	Wet	1/5/2019 9:30:00 PM	1/30/2019 6:05:00 AM	3,3'-Dichlorobenzidine	n/a	<	6	µg/L	EPA 625	6	25	WKL	
MO-MPK	2018/19-3	Wet	1/5/2019 9:30:00 PM	2/6/2019 1:47:00 AM	3-/4-Methylphenol	n/a	<	1.5	µg/L	EPA 8270C	1.5	5	WKL	
MO-MPK	2018/19-3	Wet	1/5/2019 9:30:00 PM	2/6/2019 1:47:00 AM	4,6-Dinitro-2-methylphenol	n/a	<	0.7	µg/L	EPA 8270C	0.7	5	WKL	
MO-MPK	2018/19-3	Wet	1/5/2019 9:30:00 PM	1/30/2019 6:05:00 AM	4,6-Dinitro-2-methylphenol	n/a	<	8.6	µg/L	EPA 625	8.6	25	WKL	
MO-MPK	2018/19-3	Wet	1/5/2019 9:30:00 PM	1/30/2019 6:05:00 AM	4-Bromophenyl phenyl ether	n/a	<	1.8	µg/L	EPA 625	1.8	5	WKL	
MO-MPK	2018/19-3	Wet	1/5/2019 9:30:00 PM	1/30/2019 6:05:00 AM	4-Chloro-3-methylphenol	n/a	<	1.2	µg/L	EPA 625	1.2	5	WKL	
MO-MPK	2018/19-3	Wet	1/5/2019 9:30:00 PM	2/6/2019 1:47:00 AM	4-Chloro-3-methylphenol	n/a	<	1.8	µg/L	EPA 8270C	1.8	5	WKL	
MO-MPK	2018/19-3	Wet	1/5/2019 9:30:00 PM	1/30/2019 6:05:00 AM	4-Chlorophenyl phenyl ether	n/a	<	2	µg/L	EPA 625	2	5	WKL	
MO-MPK	2018/19-3	Wet	1/5/2019 9:30:00 PM	2/6/2019 1:47:00 AM	4-Nitrophenol	n/a	<	5	µg/L	EPA 8270C	5	10	WKL	
MO-MPK	2018/19-3	Wet	1/5/2019 9:30:00 PM	1/30/2019 6:05:00 AM	4-Nitrophenol	n/a	<	2.2	µg/L	EPA 625	2.2	25	WKL	
MO-MPK	2018/19-3	Wet	1/5/2019 9:30:00 PM	1/30/2019 6:05:00 AM	Acenaphthene	n/a	<	1.9	µg/L	EPA 625	1.9	5	WKL	
MO-MPK	2018/19-3	Wet	1/5/2019 9:30:00 PM	2/2/2019 2:06:00 AM	Acenaphthene	n/a	<	0.5	µg/L	EPA 8270C	0.5	0.5	WKL	
MO-MPK	2018/19-3	Wet	1/5/2019 9:30:00 PM	1/30/2019 6:05:00 AM	Acenaphthylene	n/a	<	2	µg/L	EPA 625	2	5	WKL	
MO-MPK	2018/19-3	Wet	1/5/2019 9:30:00 PM	2/2/2019 2:06:00 AM	Acenaphthylene	n/a	<	0.5	µg/L	EPA 8270C	0.5	0.5	WKL	
MO-MPK	2018/19-3	Wet	1/5/2019 9:30:00 PM	1/30/2019 6:05:00 AM	Anthracene	n/a	<	1.7	µg/L	EPA 625	1.7	5	WKL	
MO-MPK	2018/19-3	Wet	1/5/2019 9:30:00 PM	2/2/2019 2:06:00 AM	Anthracene	n/a	<	0.5	µg/L	EPA 8270C	0.5	0.5	WKL	
MO-MPK	2018/19-3	Wet	1/5/2019 9:30:00 PM	1/30/2019 6:05:00 AM	Benz(a)anthracene	n/a	<	0.95	µg/L	EPA 625	0.95	5	WKL	
MO-MPK	2018/19-3	Wet	1/5/2019 9:30:00 PM	2/2/2019 2:06:00 AM	Benz(a)anthracene	n/a	<	0.5	µg/L	EPA 8270C	0.5	0.5	WKL	
MO-MPK	2018/19-3	Wet	1/5/2019 9:30:00 PM	1/30/2019 6:05:00 AM	Benzidine	n/a	<	18	µg/L	EPA 625	18	50	WKL	
MO-MPK	2018/19-3	Wet	1/5/2019 9:30:00 PM	1/30/2019 6:05:00 AM	Benzo(a)pyrene	n/a	<	0.65	µg/L	EPA 625	0.65	5	WKL	
MO-MPK	2018/19-3	Wet	1/5/2019 9:30:00 PM	2/2/2019 2:06:00 AM	Benzo(a)pyrene	n/a	<	0.5	µg/L	EPA 8270C	0.5	0.5	WKL	
MO-MPK	2018/19-3	Wet	1/5/2019 9:30:00 PM	2/1/2019 2:39:00 PM	Benzo(a)pyrene	n/a	<	0.35	µg/L	EPA 525.2	0.35	0.5	WKL	
MO-MPK	2018/19-3	Wet	1/5/2019 9:30:00 PM	1/30/2019 6:05:00 AM	Benzo(b)fluoranthene	n/a	<	0.7	µg/L	EPA 625	0.7	5	WKL	
MO-MPK	2018/19-3	Wet	1/5/2019 9:30:00 PM	2/2/2019 2:06:00 AM	Benzo(b)fluoranthene	n/a	<	0.5	µg/L	EPA 8270C	0.5	0.5	WKL	
MO-MPK	2018/19-3	Wet	1/5/2019 9:30:00 PM	2/2/2019 2:06:00 AM	Benzo(g,h,i)perylene	n/a	<	0.5	µg/L	EPA 8270C	0.5	0.5	WKL	
MO-MPK	2018/19-3	Wet	1/5/2019 9:30:00 PM	1/30/2019 6:05:00 AM	Benzo(g,h,i)perylene	n/a	<	0.5	µg/L	EPA 625	0.5	10	WKL	
MO-MPK	2018/19-3	Wet	1/5/2019 9:30:00 PM	1/30/2019 6:05:00 AM	Benzo(k)fluoranthene	n/a	<	1.1	µg/L	EPA 625	1.1	5	WKL	
MO-MPK	2018/19-3	Wet	1/5/2019 9:30:00 PM	2/2/2019 2:06:00 AM	Benzo(k)fluoranthene	n/a	<	0.5	µg/L	EPA 8270C	0.5	0.5	WKL	
MO-MPK	2018/19-3	Wet	1/5/2019 9:30:00 PM	1/30/2019 6:05:00 AM	Bis(2-chloroethoxy)methane	n/a	<	1.2	µg/L	EPA 625	1.2	5	WKL	
MO-MPK	2018/19-3	Wet	1/5/2019 9:30:00 PM	1/30/2019 6:05:00 AM	Bis(2-chloroethyl)ether	n/a	<	1.4	µg/L	EPA 625	1.4	5	WKL	
MO-MPK	2018/19-3	Wet	1/5/2019 9:30:00 PM	1/30/2019 6:05:00 AM	Bis(2-chloroisopropyl)ether	n/a	<	1.9	µg/L	EPA 625	1.9	5	WKL	
MO-MPK	2018/19-3	Wet	1/5/2019 9:30:00 PM	2/1/2019 2:39:00 PM	Bis(2-ethylhexyl)adipate	n/a	<	0.52	µg/L	EPA 525.2	0.52	25	WKL	
MO-MPK	2018/19-3	Wet	1/5/2019 9:30:00 PM	1/30/2019 6:05:00 AM	Bis(2-ethylhexyl)phthalate	n/a	<	12	µg/L	EPA 625	12	25	WKL	
MO-MPK	2018/19-3	Wet	1/5/2019 9:30:00 PM	2/1/2019 2:39:00 PM	Bis(2-ethylhexyl)phthalate	n/a	<	5.3	µg/L	EPA 525.2	5.3	15	WKL	
MO-MPK	2018/19-3	Wet	1/5/2019 9:30:00 PM	1/30/2019 6:05:00 AM	Butyl benzyl phthalate	n/a	<	0.9	µg/L	EPA 625	0.9	5	WKL	
MO-MPK	2018/19-3	Wet	1/5/2019 9:30:00 PM	1/30/2019 6:05:00 AM	Chrysene	n/a	<	0.95	µg/L	EPA 625	0.95	5	WKL	
MO-MPK	2018/19-3	Wet	1/5/2019 9:30:00 PM	2/2/2019 2:06:00 AM	Chrysene	n/a	<	0.5	µg/L	EPA 8270C	0.5	0.5	WKL	
MO-MPK	2018/19-3	Wet	1/5/2019 9:30:00 PM	1/30/2019 6:05:00 AM	Dibenz(a,h)anthracene	n/a	<	0.4	µg/L	EPA 625	0.4	10	WKL	
MO-MPK	2018/19-3	Wet	1/5/2019 9:30:00 PM	2/2/2019 2:06:00 AM	Dibenz(a,h)anthracene	n/a	<	0.5	µg/L	EPA 8270C	0.5	0.5	WKL	
MO-MPK	2018/19-3	Wet	1/5/2019 9:30:00 PM	1/30/2019 6:05:00 AM	Diethyl phthalate	n/a	<	0.75	µg/L	EPA 625	0.75	5	WKL	

Appendix G
Laboratory Environmental Analysis Results

Site ID	Event	Event Type	Sample Date	Analysis Date	Constituent	Fraction	Sign	Result	Units	Method	MDL	Reporting Limit	Analyzing Laboratory	Qualifier
MO-MPK	2018/19-3	Wet	1/5/2019 9:30:00 PM	1/30/2019 6:05:00 AM	Dimethyl phthalate	n/a	<	0.9	μg/L	EPA 625	0.9	5	WKL	
MO-MPK	2018/19-3	Wet	1/5/2019 9:30:00 PM	1/30/2019 6:05:00 AM	Di-n-butylphthalate	n/a	<	1.2	μg/L	EPA 625	1.2	5	WKL	
MO-MPK	2018/19-3	Wet	1/5/2019 9:30:00 PM	1/30/2019 6:05:00 AM	Di-n-octylphthalate	n/a	<	0.95	μg/L	EPA 625	0.95	5	WKL	
MO-MPK	2018/19-3	Wet	1/5/2019 9:30:00 PM	2/2/2019 2:06:00 AM	Fluoranthene	n/a	<	0.5	μg/L	EPA 8270C	0.5	0.5	WKL	
MO-MPK	2018/19-3	Wet	1/5/2019 9:30:00 PM	1/30/2019 6:05:00 AM	Fluoranthene	n/a	<	1.1	μg/L	EPA 625	1.1	5	WKL	
MO-MPK	2018/19-3	Wet	1/5/2019 9:30:00 PM	1/30/2019 6:05:00 AM	Fluorene	n/a	<	1.8	μg/L	EPA 625	1.8	5	WKL	
MO-MPK	2018/19-3	Wet	1/5/2019 9:30:00 PM	2/2/2019 2:06:00 AM	Fluorene	n/a	<	0.5	μg/L	EPA 8270C	0.5	0.5	WKL	
MO-MPK	2018/19-3	Wet	1/5/2019 9:30:00 PM	1/30/2019 6:05:00 AM	Hexachlorobenzene	n/a	<	2.4	μg/L	EPA 625	2.4	5	WKL	
MO-MPK	2018/19-3	Wet	1/5/2019 9:30:00 PM	1/30/2019 6:05:00 AM	Hexachlorobutadiene	n/a	<	2.4	μg/L	EPA 625	2.4	5	WKL	
MO-MPK	2018/19-3	Wet	1/5/2019 9:30:00 PM	1/30/2019 6:05:00 AM	Hexachlorocyclopentadiene	n/a	<	7.3	μg/L	EPA 625	7.3	25	WKL	
MO-MPK	2018/19-3	Wet	1/5/2019 9:30:00 PM	1/30/2019 6:05:00 AM	Hexachloroethane	n/a	<	2.6	μg/L	EPA 625	2.6	5	WKL	
MO-MPK	2018/19-3	Wet	1/5/2019 9:30:00 PM	2/2/2019 2:06:00 AM	Indeno(1,2,3-cd)pyrene	n/a	<	0.5	μg/L	EPA 8270C	0.5	0.5	WKL	
MO-MPK	2018/19-3	Wet	1/5/2019 9:30:00 PM	1/30/2019 6:05:00 AM	Indeno(1,2,3-cd)pyrene	n/a	<	0.6	μg/L	EPA 625	0.6	10	WKL	
MO-MPK	2018/19-3	Wet	1/5/2019 9:30:00 PM	1/30/2019 6:05:00 AM	Isophorone	n/a	<	1	μg/L	EPA 625	1	5	WKL	
MO-MPK	2018/19-3	Wet	1/5/2019 9:30:00 PM	1/30/2019 6:05:00 AM	Naphthalene	n/a	<	2.4	μg/L	EPA 625	2.4	5	WKL	
MO-MPK	2018/19-3	Wet	1/5/2019 9:30:00 PM	2/2/2019 2:06:00 AM	Naphthalene	n/a	<	0.5	μg/L	EPA 8270C	0.5	0.5	WKL	
MO-MPK	2018/19-3	Wet	1/5/2019 9:30:00 PM	1/30/2019 6:05:00 AM	Nitrobenzene	n/a	<	1.8	μg/L	EPA 625	1.8	5	WKL	
MO-MPK	2018/19-3	Wet	1/5/2019 9:30:00 PM	1/30/2019 6:05:00 AM	N-Nitrosodimethylamine	n/a	<	0.7	μg/L	EPA 625	0.7	5	WKL	
MO-MPK	2018/19-3	Wet	1/5/2019 9:30:00 PM	1/30/2019 6:05:00 AM	N-Nitrosodi-N-propylamine	n/a	<	1.3	μg/L	EPA 625	1.3	5	WKL	
MO-MPK	2018/19-3	Wet	1/5/2019 9:30:00 PM	1/30/2019 6:05:00 AM	N-Nitrosodiphenylamine	n/a	<	0.95	μg/L	EPA 625	0.95	5	WKL	
MO-MPK	2018/19-3	Wet	1/5/2019 9:30:00 PM	1/30/2019 6:05:00 AM	Phenanthrene	n/a	<	1.6	μg/L	EPA 625	1.6	5	WKL	
MO-MPK	2018/19-3	Wet	1/5/2019 9:30:00 PM	2/2/2019 2:06:00 AM	Phenanthrene	n/a	<	0.5	μg/L	EPA 8270C	0.5	0.5	WKL	
MO-MPK	2018/19-3	Wet	1/5/2019 9:30:00 PM	1/30/2019 6:05:00 AM	Phenol	n/a	<	0.8	μg/L	EPA 625	0.8	5	WKL	
MO-MPK	2018/19-3	Wet	1/5/2019 9:30:00 PM	2/6/2019 1:47:00 AM	Phenol	n/a	<	1.8	μg/L	EPA 8270C	1.8	5	WKL	
MO-MPK	2018/19-3	Wet	1/5/2019 9:30:00 PM	1/30/2019 6:05:00 AM	Pyrene	n/a	<	1.2	μg/L	EPA 625	1.2	5	WKL	
MO-MPK	2018/19-3	Wet	1/5/2019 9:30:00 PM	2/2/2019 2:06:00 AM	Pyrene	n/a	<	0.5	μg/L	EPA 8270C	0.5	0.5	WKL	
MO-MPK	2018/19-3	Wet	1/5/2019 9:30:00 PM	1/31/2019 4:12:00 AM	PCB Aroclor 1016	n/a	<	1	μg/L	EPA 608	1	10	WKL	
MO-MPK	2018/19-3	Wet	1/5/2019 9:30:00 PM	1/31/2019 4:12:00 AM	PCB Aroclor 1221	n/a	<	1.2	μg/L	EPA 608	1.2	10	WKL	
MO-MPK	2018/19-3	Wet	1/5/2019 9:30:00 PM	1/31/2019 4:12:00 AM	PCB Aroclor 1232	n/a	<	3	μg/L	EPA 608	3	10	WKL	
MO-MPK	2018/19-3	Wet	1/5/2019 9:30:00 PM	1/31/2019 4:12:00 AM	PCB Aroclor 1242	n/a	<	1.4	μg/L	EPA 608	1.4	10	WKL	
MO-MPK	2018/19-3	Wet	1/5/2019 9:30:00 PM	1/31/2019 4:12:00 AM	PCB Aroclor 1248	n/a	<	1.2	μg/L	EPA 608	1.2	10	WKL	
MO-MPK	2018/19-3	Wet	1/5/2019 9:30:00 PM	1/31/2019 4:12:00 AM	PCB Aroclor 1254	n/a	<	0.8	μg/L	EPA 608	0.8	10	WKL	
MO-MPK	2018/19-3	Wet	1/5/2019 9:30:00 PM	1/31/2019 4:12:00 AM	PCB Aroclor 1260	n/a	<	0.8	μg/L	EPA 608	0.8	10	WKL	
MO-MPK	2018/19-3	Wet	1/5/2019 9:30:00 PM	1/16/2019 9:58:00 AM	2,4,5-T	n/a	<	0.07	μg/L	EPA 515.3	0.07	0.2	WKL	
MO-MPK	2018/19-3	Wet	1/5/2019 9:30:00 PM	1/16/2019 9:58:00 AM	2,4,5-TP	n/a	<	0.09	μg/L	EPA 515.3	0.09	0.2	WKL	
MO-MPK	2018/19-3	Wet	1/5/2019 9:30:00 PM	1/16/2019 9:58:00 AM	2,4-D	n/a	<	0.07	μg/L	EPA 515.3	0.07	0.4	WKL	
MO-MPK	2018/19-3	Wet	1/5/2019 9:30:00 PM	1/16/2019 9:58:00 AM	2,4-DB	n/a	DNQ	0.49	μg/L	EPA 515.3	0.07	2	WKL	
MO-MPK	2018/19-3	Wet	1/5/2019 9:30:00 PM	1/16/2019 9:58:00 AM	3,5-Dichlorobenzoic acid	n/a	<	0.09	μg/L	EPA 515.3	0.09	1	WKL	
MO-MPK	2018/19-3	Wet	1/5/2019 9:30:00 PM	1/31/2019 4:12:00 AM	4,4'-DDD	n/a	<	0.06	μg/L	EPA 608	0.06	1	WKL	
MO-MPK	2018/19-3	Wet	1/5/2019 9:30:00 PM	1/31/2019 4:12:00 AM	4,4'-DDE	n/a	<	0.05	μg/L	EPA 608	0.05	1	WKL	
MO-MPK	2018/19-3	Wet	1/5/2019 9:30:00 PM	1/31/2019 4:12:00 AM	4,4'-DDT	n/a	<	0.062	μg/L	EPA 608	0.062	0.2	WKL	
MO-MPK	2018/19-3	Wet	1/5/2019 9:30:00 PM	1/16/2019 9:58:00 AM	Acifluorfen	n/a	<	0.06	μg/L	EPA 515.3	0.06	0.4	WKL	
MO-MPK	2018/19-3	Wet	1/5/2019 9:30:00 PM	2/1/2019 2:39:00 PM	Alachlor	n/a	<	0.11	μg/L	EPA 525.2	0.11	0.5	WKL	
MO-MPK	2018/19-3	Wet	1/5/2019 9:30:00 PM	1/31/2019 4:12:00 AM	Aldrin	n/a	<	0.03	μg/L	EPA 608	0.03	0.1	WKL	
MO-MPK	2018/19-3	Wet	1/5/2019 9:30:00 PM	1/31/2019 4:12:00 AM	alpha-BHC	n/a	<	0.036	μg/L	EPA 608	0.036	0.2	WKL	
MO-MPK	2018/19-3	Wet	1/5/2019 9:30:00 PM	1/31/2019 4:12:00 AM	alpha-Chlordane	n/a	<	0.082	μg/L	EPA 608	0.082	0.2	WKL	
MO-MPK	2018/19-3	Wet	1/5/2019 9:30:00 PM	2/1/2019 2:39:00 PM	Atrazine	n/a	<	0.17	μg/L	EPA 525.2	0.17	0.5	WKL	
MO-MPK	2018/19-3	Wet	1/5/2019 9:30:00 PM	1/26/2019 3:23:00 AM	Azinphos methyl	n/a	<	0.055	μg/L	EPA 525.2m	0.055	0.1	WKL	

Appendix G
Laboratory Environmental Analysis Results

Site ID	Event	Event Type	Sample Date	Analysis Date	Constituent	Fraction	Sign	Result	Units	Method	MDL	Reporting Limit	Analyzing Laboratory	Qualifier
MO-MPK	2018/19-3	Wet	1/5/2019 9:30:00 PM	1/16/2019 9:58:00 AM	Bentazon	n/a	<	0.11	µg/L	EPA 515.3	0.11	2	WKL	
MO-MPK	2018/19-3	Wet	1/5/2019 9:30:00 PM	1/31/2019 4:12:00 AM	beta-BHC	n/a	<	0.062	µg/L	EPA 608	0.062	0.1	WKL	
MO-MPK	2018/19-3	Wet	1/5/2019 9:30:00 PM	1/26/2019 3:23:00 AM	Bolstar	n/a	<	0.046	µg/L	EPA 525.2m	0.046	0.1	WKL	
MO-MPK	2018/19-3	Wet	1/5/2019 9:30:00 PM	2/1/2019 2:39:00 PM	Bromacil	n/a	DNQ	2.2	µg/L	EPA 525.2	0.19	5	WKL	
MO-MPK	2018/19-3	Wet	1/5/2019 9:30:00 PM	2/1/2019 2:39:00 PM	Butachlor	n/a	<	0.085	µg/L	EPA 525.2	0.085	1	WKL	
MO-MPK	2018/19-3	Wet	1/5/2019 9:30:00 PM	2/1/2019 2:39:00 PM	Captan	n/a	<	4.3	µg/L	EPA 525.2	4.3	5	WKL	LB-LCSR
MO-MPK	2018/19-3	Wet	1/5/2019 9:30:00 PM	1/31/2019 4:12:00 AM	Chlordane (technical)	n/a	<	1.6	µg/L	EPA 608	1.6	2	WKL	
MO-MPK	2018/19-3	Wet	1/5/2019 9:30:00 PM	2/1/2019 2:39:00 PM	Chlorpropham	n/a	<	0.05	µg/L	EPA 525.2	0.05	0.5	WKL	
MO-MPK	2018/19-3	Wet	1/5/2019 9:30:00 PM	1/26/2019 3:23:00 AM	Chlorpyrifos	n/a	<	0.069	µg/L	EPA 525.2m	0.069	0.1	WKL	
MO-MPK	2018/19-3	Wet	1/5/2019 9:30:00 PM	1/26/2019 3:23:00 AM	Coumaphos	n/a	<	0.051	µg/L	EPA 525.2m	0.051	0.1	WKL	
MO-MPK	2018/19-3	Wet	1/5/2019 9:30:00 PM	2/1/2019 2:39:00 PM	Cyanazine	n/a	<	0.12	µg/L	EPA 525.2	0.12	0.5	WKL	
MO-MPK	2018/19-3	Wet	1/5/2019 9:30:00 PM	1/16/2019 9:58:00 AM	Dalapon	n/a	<	0.1	µg/L	EPA 515.3	0.1	0.4	WKL	
MO-MPK	2018/19-3	Wet	1/5/2019 9:30:00 PM	1/16/2019 9:58:00 AM	DCCA (Dacthal)	n/a	=	0.46	µg/L	EPA 515.3	0.07	0.1	WKL	
MO-MPK	2018/19-3	Wet	1/5/2019 9:30:00 PM	1/31/2019 4:12:00 AM	delta-BHC	n/a	<	0.05	µg/L	EPA 608	0.05	0.1	WKL	
MO-MPK	2018/19-3	Wet	1/5/2019 9:30:00 PM	1/26/2019 3:23:00 AM	Demeton-O	n/a	<	0.1	µg/L	EPA 525.2m	0.1	0.1	WKL	
MO-MPK	2018/19-3	Wet	1/5/2019 9:30:00 PM	1/26/2019 3:23:00 AM	Demeton-S	n/a	<	0.1	µg/L	EPA 525.2m	0.1	0.1	WKL	
MO-MPK	2018/19-3	Wet	1/5/2019 9:30:00 PM	2/1/2019 2:39:00 PM	Diazinon	n/a	<	0.48	µg/L	EPA 525.2	0.48	0.5	WKL	
MO-MPK	2018/19-3	Wet	1/5/2019 9:30:00 PM	1/26/2019 3:23:00 AM	Diazinon	n/a	<	0.052	µg/L	EPA 525.2m	0.052	0.1	WKL	
MO-MPK	2018/19-3	Wet	1/5/2019 9:30:00 PM	1/16/2019 9:58:00 AM	Dicamba	n/a	<	0.12	µg/L	EPA 515.3	0.12	0.6	WKL	
MO-MPK	2018/19-3	Wet	1/5/2019 9:30:00 PM	1/16/2019 9:58:00 AM	Dichlorprop	n/a	<	0.08	µg/L	EPA 515.3	0.08	0.3	WKL	
MO-MPK	2018/19-3	Wet	1/5/2019 9:30:00 PM	1/26/2019 3:23:00 AM	Dichlorvos	n/a	<	0.029	µg/L	EPA 525.2m	0.029	0.1	WKL	
MO-MPK	2018/19-3	Wet	1/5/2019 9:30:00 PM	1/31/2019 4:12:00 AM	Dieldrin	n/a	<	0.042	µg/L	EPA 608	0.042	0.2	WKL	
MO-MPK	2018/19-3	Wet	1/5/2019 9:30:00 PM	2/1/2019 2:39:00 PM	Dimethoate	n/a	<	0.12	µg/L	EPA 525.2	0.12	1	WKL	
MO-MPK	2018/19-3	Wet	1/5/2019 9:30:00 PM	1/26/2019 3:23:00 AM	Dimethoate	n/a	<	0.062	µg/L	EPA 525.2m	0.062	0.1	WKL	
MO-MPK	2018/19-3	Wet	1/5/2019 9:30:00 PM	1/16/2019 9:58:00 AM	Dinoseb	n/a	<	0.14	µg/L	EPA 515.3	0.14	0.4	WKL	
MO-MPK	2018/19-3	Wet	1/5/2019 9:30:00 PM	2/1/2019 2:39:00 PM	Diphenamid	n/a	<	0.12	µg/L	EPA 525.2	0.12	0.5	WKL	
MO-MPK	2018/19-3	Wet	1/5/2019 9:30:00 PM	2/1/2019 2:39:00 PM	Disulfoton	n/a	<	0.16	µg/L	EPA 525.2	0.16	0.5	WKL	
MO-MPK	2018/19-3	Wet	1/5/2019 9:30:00 PM	1/26/2019 3:23:00 AM	Disulfoton	n/a	<	0.1	µg/L	EPA 525.2m	0.1	0.1	WKL	
MO-MPK	2018/19-3	Wet	1/5/2019 9:30:00 PM	1/31/2019 4:12:00 AM	Endosulfan I	n/a	<	0.034	µg/L	EPA 608	0.034	0.4	WKL	
MO-MPK	2018/19-3	Wet	1/5/2019 9:30:00 PM	1/31/2019 4:12:00 AM	Endosulfan II	n/a	<	0.038	µg/L	EPA 608	0.038	0.2	WKL	
MO-MPK	2018/19-3	Wet	1/5/2019 9:30:00 PM	1/31/2019 4:12:00 AM	Endosulfan sulfate	n/a	<	0.16	µg/L	EPA 608	0.16	1	WKL	
MO-MPK	2018/19-3	Wet	1/5/2019 9:30:00 PM	1/31/2019 4:12:00 AM	Endrin	n/a	<	0.056	µg/L	EPA 608	0.056	0.2	WKL	
MO-MPK	2018/19-3	Wet	1/5/2019 9:30:00 PM	1/31/2019 4:12:00 AM	Endrin aldehyde	n/a	<	0.06	µg/L	EPA 608	0.06	0.2	WKL	LB-LCSR
MO-MPK	2018/19-3	Wet	1/5/2019 9:30:00 PM	2/1/2019 2:39:00 PM	EPTC	n/a	<	0.085	µg/L	EPA 525.2	0.085	5	WKL	
MO-MPK	2018/19-3	Wet	1/5/2019 9:30:00 PM	1/26/2019 3:23:00 AM	Ethoprop	n/a	<	0.067	µg/L	EPA 525.2m	0.067	0.1	WKL	
MO-MPK	2018/19-3	Wet	1/5/2019 9:30:00 PM	1/26/2019 3:23:00 AM	Ethyl parathion	n/a	<	0.054	µg/L	EPA 525.2m	0.054	0.1	WKL	
MO-MPK	2018/19-3	Wet	1/5/2019 9:30:00 PM	1/26/2019 3:23:00 AM	Fensulfothion	n/a	<	0.029	µg/L	EPA 525.2m	0.029	0.1	WKL	
MO-MPK	2018/19-3	Wet	1/5/2019 9:30:00 PM	1/26/2019 3:23:00 AM	Fenthion	n/a	<	0.038	µg/L	EPA 525.2m	0.038	0.1	WKL	
MO-MPK	2018/19-3	Wet	1/5/2019 9:30:00 PM	1/31/2019 4:12:00 AM	gamma-BHC (Lindane)	n/a	<	0.042	µg/L	EPA 608	0.042	0.4	WKL	
MO-MPK	2018/19-3	Wet	1/5/2019 9:30:00 PM	1/31/2019 4:12:00 AM	gamma-Chlordane	n/a	<	0.088	µg/L	EPA 608	0.088	0.2	WKL	
MO-MPK	2018/19-3	Wet	1/5/2019 9:30:00 PM	1/10/2019 5:04:00 AM	Glyphosate	n/a	=	5	µg/L	EPA 547	1.8	5	WKL	
MO-MPK	2018/19-3	Wet	1/5/2019 9:30:00 PM	1/31/2019 4:12:00 AM	Heptachlor	n/a	<	0.034	µg/L	EPA 608	0.034	0.2	WKL	
MO-MPK	2018/19-3	Wet	1/5/2019 9:30:00 PM	1/31/2019 4:12:00 AM	Heptachlor epoxide	n/a	<	0.038	µg/L	EPA 608	0.038	0.2	WKL	
MO-MPK	2018/19-3	Wet	1/5/2019 9:30:00 PM	1/26/2019 3:23:00 AM	Malathion	n/a	<	0.076	µg/L	EPA 525.2m	0.076	0.1	WKL	
MO-MPK	2018/19-3	Wet	1/5/2019 9:30:00 PM	1/26/2019 3:23:00 AM	Merphos	n/a	<	0.058	µg/L	EPA 525.2m	0.058	0.1	WKL	
MO-MPK	2018/19-3	Wet	1/5/2019 9:30:00 PM	1/31/2019 4:12:00 AM	Methoxychlor	n/a	<	0.11	µg/L	EPA 608	0.11	0.4	WKL	
MO-MPK	2018/19-3	Wet	1/5/2019 9:30:00 PM	1/26/2019 3:23:00 AM	Methyl parathion	n/a	<	0.063	µg/L	EPA 525.2m	0.063	0.1	WKL	
MO-MPK	2018/19-3	Wet	1/5/2019 9:30:00 PM	2/1/2019 2:39:00 PM	Metolachlor	n/a	<	0.06	µg/L	EPA 525.2	0.06	0.5	WKL	

Appendix G
Laboratory Environmental Analysis Results

Site ID	Event	Event Type	Sample Date	Analysis Date	Constituent	Fraction	Sign	Result	Units	Method	MDL	Reporting Limit	Analyzing Laboratory	Qualifier
MO-MPK	2018/19-3	Wet	1/5/2019 9:30:00 PM	2/1/2019 2:39:00 PM	Metribuzin	n/a	<	0.075	µg/L	EPA 525.2	0.075	0.5	WKL	
MO-MPK	2018/19-3	Wet	1/5/2019 9:30:00 PM	1/26/2019 3:23:00 AM	Mevinphos	n/a	<	0.042	µg/L	EPA 525.2m	0.042	0.1	WKL	
MO-MPK	2018/19-3	Wet	1/5/2019 9:30:00 PM	2/1/2019 2:39:00 PM	Molinate	n/a	<	0.2	µg/L	EPA 525.2	0.2	0.5	WKL	
MO-MPK	2018/19-3	Wet	1/5/2019 9:30:00 PM	1/26/2019 3:23:00 AM	Naled	n/a	<	0.076	µg/L	EPA 525.2m	0.076	0.1	WKL	
MO-MPK	2018/19-3	Wet	1/5/2019 9:30:00 PM	1/16/2019 9:58:00 AM	Pentachlorophenol	n/a	=	38	µg/L	EPA 515.3	0.4	2	WKL	
MO-MPK	2018/19-3	Wet	1/5/2019 9:30:00 PM	1/30/2019 6:05:00 AM	Pentachlorophenol	n/a	=	23	µg/L	EPA 625	0.95	5	WKL	
MO-MPK	2018/19-3	Wet	1/5/2019 9:30:00 PM	2/6/2019 1:47:00 AM	Pentachlorophenol	n/a	=	30	µg/L	EPA 8270C	0.75	5	WKL	
MO-MPK	2018/19-3	Wet	1/5/2019 9:30:00 PM	1/26/2019 3:23:00 AM	Phorate	n/a	<	0.03	µg/L	EPA 525.2m	0.03	0.1	WKL	
MO-MPK	2018/19-3	Wet	1/5/2019 9:30:00 PM	1/16/2019 9:58:00 AM	Picloram	n/a	<	0.05	µg/L	EPA 515.3	0.05	0.6	WKL	
MO-MPK	2018/19-3	Wet	1/5/2019 9:30:00 PM	2/1/2019 2:39:00 PM	Prometon	n/a	<	0.12	µg/L	EPA 525.2	0.12	1	WKL	
MO-MPK	2018/19-3	Wet	1/5/2019 9:30:00 PM	2/1/2019 2:39:00 PM	Prometryn	n/a	<	0.18	µg/L	EPA 525.2	0.18	0.5	WKL	
MO-MPK	2018/19-3	Wet	1/5/2019 9:30:00 PM	1/26/2019 3:23:00 AM	Ronnel (Fenchlorphos)	n/a	<	0.041	µg/L	EPA 525.2m	0.041	0.1	WKL	
MO-MPK	2018/19-3	Wet	1/5/2019 9:30:00 PM	2/1/2019 2:39:00 PM	Simazine	n/a	<	0.075	µg/L	EPA 525.2	0.075	0.5	WKL	
MO-MPK	2018/19-3	Wet	1/5/2019 9:30:00 PM	1/26/2019 3:23:00 AM	Stirophos (Tetrachlorvinphos)	n/a	<	0.031	µg/L	EPA 525.2m	0.031	0.1	WKL	
MO-MPK	2018/19-3	Wet	1/5/2019 9:30:00 PM	2/1/2019 2:39:00 PM	Terbacil	n/a	<	2.8	µg/L	EPA 525.2	2.8	10	WKL	
MO-MPK	2018/19-3	Wet	1/5/2019 9:30:00 PM	2/1/2019 2:39:00 PM	Thiobencarb	n/a	<	0.12	µg/L	EPA 525.2	0.12	1	WKL	
MO-MPK	2018/19-3	Wet	1/5/2019 9:30:00 PM	1/26/2019 3:23:00 AM	Tokuthion	n/a	<	0.078	µg/L	EPA 525.2m	0.078	0.1	WKL	
MO-MPK	2018/19-3	Wet	1/5/2019 9:30:00 PM	1/31/2019 4:12:00 AM	Toxaphene	n/a	<	2.4	µg/L	EPA 608	2.4	10	WKL	
MO-MPK	2018/19-3	Wet	1/5/2019 9:30:00 PM	1/26/2019 3:23:00 AM	Trichloronate	n/a	<	0.067	µg/L	EPA 525.2m	0.067	0.1	WKL	
MO-MPK	2018/19-3	Wet	1/5/2019 9:30:00 PM	2/1/2019 2:39:00 PM	Trithion	n/a	<	0.06	µg/L	EPA 525.2	0.06	0.5	WKL	
MO-MPK	2018/19-5	Dry	5/14/2019 8:55:00 AM	5/17/2019 12:00:00 PM	Chloride	n/a	=	140	mg/L	EPA 300.0	0.1	0.5	WKL	
MO-MPK	2018/19-5	Dry	5/14/2019 8:55:00 AM	5/17/2019 12:00:00 PM	Fluoride	n/a	=	0.92	mg/L	EPA 300.0	0.02	0.1	WKL	
MO-MPK	2018/19-5	Dry	5/14/2019 8:55:00 AM	5/18/2019 8:29:00 AM	Perchlorate	n/a	<	0.95	µg/L	EPA 314.0	0.95	2	WKL	
MO-MPK	2018/19-5	Dry	5/14/2019 8:55:00 AM	5/17/2019 12:00:00 PM	Sulfate	Total	=	110	mg/L	EPA 300.0	0.1	0.5	WKL	
MO-MPK	2018/19-5	Dry	5/14/2019 8:55:00 AM	5/15/2019 8:00:00 AM	E. Coli	n/a	=	839	MPN/100 mL	MMO-MUG	10	10	VCHCA	
MO-MPK	2018/19-5	Dry	5/14/2019 8:55:00 AM	5/15/2019 8:00:00 AM	Total Coliform	n/a	=	3255	MPN/100 mL	MMO-MUG	10	10	VCHCA	
MO-MPK	2018/19-5	Dry	5/14/2019 8:55:00 AM	5/22/2019 5:49:00 PM	Calcium	Total	=	43.2	mg/L	EPA 200.7	0.016	0.1	WKL	
MO-MPK	2018/19-5	Dry	5/14/2019 8:55:00 AM	5/22/2019 5:49:00 PM	Magnesium	Total	=	11.9	mg/L	EPA 200.7	0.012	0.1	WKL	
MO-MPK	2018/19-5	Dry	5/14/2019 8:55:00 AM	5/22/2019 5:49:00 PM	Potassium	Total	=	10	mg/L	EPA 200.7	0.081	0.1	WKL	
MO-MPK	2018/19-5	Dry	5/14/2019 8:55:00 AM	5/22/2019 5:49:00 PM	Sodium	Total	=	120	mg/L	EPA 200.7	0.015	0.5	WKL	
MO-MPK	2018/19-5	Dry	5/14/2019 8:55:00 AM	5/17/2019 2:10:00 PM	Alkalinity as CaCO3	n/a	=	130	mg/L	SM 2320 B	0.56	2	WKL	
MO-MPK	2018/19-5	Dry	5/14/2019 8:55:00 AM	5/20/2019 6:49:00 PM	BOD	n/a	=	3.1	mg/L	SM 5210 B	2	2	WKL	
MO-MPK	2018/19-5	Dry	5/14/2019 8:55:00 AM	5/17/2019 3:11:00 PM	COD	n/a	=	62	mg/L	EPA 410.4	0.73	5	WKL	
MO-MPK	2018/19-5	Dry	5/14/2019 8:55:00 AM	5/14/2019 8:55:00 AM	Conductivity	n/a	=	783	µmhos/cm	Field Meter	-88	1	Field Crew	
MO-MPK	2018/19-5	Dry	5/14/2019 8:55:00 AM	5/23/2019 5:06:00 PM	Cyanide	Total	<	0.0005	mg/L	ASTM D7511	0.0005	0.002	WKL	
MO-MPK	2018/19-5	Dry	5/14/2019 8:55:00 AM	5/17/2019 2:14:00 PM	Dissolved Inorganic Carbon	Dissolved	=	31	mg/L	SM 5310 B	0.016	0.1	WKL	
MO-MPK	2018/19-5	Dry	5/14/2019 8:55:00 AM	5/22/2019 2:50:00 PM	Dissolved Organic Carbon	Dissolved	=	20	mg/L	SM 5310 B	0.013	0.3	WKL	
MO-MPK	2018/19-5	Dry	5/14/2019 8:55:00 AM	5/14/2019 8:55:00 AM	DO	n/a	=	123.6	%	Field Meter	-88	0.1	Field Crew	
MO-MPK	2018/19-5	Dry	5/14/2019 8:55:00 AM	5/14/2019 8:55:00 AM	DO	n/a	=	11.68	mg/L	Field Meter	-88	0.3	Field Crew	
MO-MPK	2018/19-5	Dry	5/14/2019 8:55:00 AM	5/22/2019 5:49:00 PM	Hardness as CaCO3	Total	=	157	mg/L	EPA 200.7	0.0894	0.662	WKL	
MO-MPK	2018/19-5	Dry	5/14/2019 8:55:00 AM	5/15/2019 7:15:00 PM	MBAS	n/a	=	0.1	mg/L	SM 5540 C	0.019	0.05	WKL	
MO-MPK	2018/19-5	Dry	5/14/2019 8:55:00 AM	5/14/2019 8:55:00 AM	pH	n/a	=	8.48	pH Units	Field Meter	-88	0.01	Field Crew	
MO-MPK	2018/19-5	Dry	5/14/2019 8:55:00 AM	5/21/2019 6:19:00 PM	Phenolics	n/a	=	0.018	mg/L	EPA 420.4	0.0042	0.01	WKL	
MO-MPK	2018/19-5	Dry	5/14/2019 8:55:00 AM	5/14/2019 8:55:00 AM	Salinity	n/a	=	400	mg/L	Field Meter	-88	100	Field Crew	
MO-MPK	2018/19-5	Dry	5/14/2019 8:55:00 AM	5/14/2019 8:55:00 AM	Specific Conductance	n/a	=	900	µmhos/cm	Field Meter	-88	1	Field Crew	
MO-MPK	2018/19-5	Dry	5/14/2019 8:55:00 AM	5/16/2019 12:59:00 PM	Specific Conductance	n/a	=	870	µmhos/cm	SM 2510 B	0.23	2	WKL	
MO-MPK	2018/19-5	Dry	5/14/2019 8:55:00 AM	5/14/2019 8:55:00 AM	Temperature	n/a	=	18.3	°C	Field Meter	-88	0.1	Field Crew	
MO-MPK	2018/19-5	Dry	5/14/2019 8:55:00 AM	5/15/2019 6:39:00 PM	Total Dissolved Solids	n/a	=	480	mg/L	SM 2540 C	4	10	WKL	

Appendix G
Laboratory Environmental Analysis Results

Site ID	Event	Event Type	Sample Date	Analysis Date	Constituent	Fraction	Sign	Result	Units	Method	MDL	Reporting Limit	Analyzing Laboratory	Qualifier
MO-MPK	2018/19-5	Dry	5/14/2019 8:55:00 AM	5/20/2019 3:38:00 PM	Total Organic Carbon	n/a	=	20	mg/L	SM 5310 B	0.009	0.3	WKL	
MO-MPK	2018/19-5	Dry	5/14/2019 8:55:00 AM	5/17/2019 9:28:00 AM	Total Suspended Solids	n/a	DNQ	2	mg/L	SM 2540 D	-88	5	WKL	UL-MB
MO-MPK	2018/19-5	Dry	5/14/2019 8:55:00 AM	5/14/2019 5:49:00 PM	Turbidity	n/a	=	1.2	NTU	EPA 180.1	0.024	0.1	WKL	
MO-MPK	2018/19-5	Dry	5/14/2019 8:55:00 AM	5/17/2019 9:28:00 AM	Volatile Suspended Solids	n/a	<	3.1	mg/L	EPA 160.4	3.1	5	WKL	
MO-MPK	2018/19-5	Dry	5/14/2019 8:55:00 AM	5/25/2019 6:00:00 AM	Diesel Range Organics	n/a	=	0.36	mg/L	EPA 8015D	0.024	0.1	WKL	
MO-MPK	2018/19-5	Dry	5/14/2019 8:55:00 AM	5/25/2019 12:12:00 AM	Gasoline Range Organics	n/a	<	0.012	mg/L	LUFT GC/MS	0.012	0.1	WKL	
MO-MPK	2018/19-5	Dry	5/14/2019 8:55:00 AM	5/21/2019 9:05:00 AM	Oil and Grease	n/a	<	1.3	mg/L	EPA 1664A	1.3	5	WKL	
MO-MPK	2018/19-5	Dry	5/14/2019 8:55:00 AM	5/25/2019 6:00:00 AM	Oil Range Organics	n/a	<	0.33	mg/L	EPA 8015D	0.33	0.5	WKL	
MO-MPK	2018/19-5	Dry	5/14/2019 8:55:00 AM	5/23/2019 3:21:00 PM	Aluminum	Dissolved	=	19	µg/L	EPA 200.8	1.3	5	WKL	
MO-MPK	2018/19-5	Dry	5/14/2019 8:55:00 AM	5/23/2019 2:22:00 PM	Aluminum	Total	=	14	µg/L	EPA 200.8	1.3	5	WKL	
MO-MPK	2018/19-5	Dry	5/14/2019 8:55:00 AM	5/23/2019 3:21:00 PM	Antimony	Dissolved	=	0.85	µg/L	EPA 200.8	0.045	0.5	WKL	
MO-MPK	2018/19-5	Dry	5/14/2019 8:55:00 AM	5/23/2019 2:22:00 PM	Antimony	Total	=	0.89	µg/L	EPA 200.8	0.045	0.5	WKL	
MO-MPK	2018/19-5	Dry	5/14/2019 8:55:00 AM	5/23/2019 3:21:00 PM	Arsenic	Dissolved	=	1.8	µg/L	EPA 200.8	0.074	0.4	WKL	
MO-MPK	2018/19-5	Dry	5/14/2019 8:55:00 AM	5/23/2019 2:22:00 PM	Arsenic	Total	=	1.9	µg/L	EPA 200.8	0.074	0.4	WKL	
MO-MPK	2018/19-5	Dry	5/14/2019 8:55:00 AM	5/23/2019 2:22:00 PM	Barium	Total	=	61	µg/L	EPA 200.8	0.071	0.5	WKL	
MO-MPK	2018/19-5	Dry	5/14/2019 8:55:00 AM	5/23/2019 3:21:00 PM	Beryllium	Dissolved	<	0.033	µg/L	EPA 200.8	0.033	0.1	WKL	
MO-MPK	2018/19-5	Dry	5/14/2019 8:55:00 AM	5/23/2019 2:22:00 PM	Beryllium	Total	<	0.033	µg/L	EPA 200.8	0.033	0.1	WKL	
MO-MPK	2018/19-5	Dry	5/14/2019 8:55:00 AM	5/23/2019 3:21:00 PM	Cadmium	Dissolved	=	0.41	µg/L	EPA 200.8	0.041	0.1	WKL	
MO-MPK	2018/19-5	Dry	5/14/2019 8:55:00 AM	5/23/2019 2:22:00 PM	Cadmium	Total	=	0.43	µg/L	EPA 200.8	0.041	0.1	WKL	
MO-MPK	2018/19-5	Dry	5/14/2019 8:55:00 AM	5/23/2019 3:21:00 PM	Chromium	Dissolved	=	0.41	µg/L	EPA 200.8	0.035	0.2	WKL	
MO-MPK	2018/19-5	Dry	5/14/2019 8:55:00 AM	5/23/2019 2:22:00 PM	Chromium	Total	=	0.45	µg/L	EPA 200.8	0.035	0.2	WKL	
MO-MPK	2018/19-5	Dry	5/14/2019 8:55:00 AM	5/22/2019 11:13:00 AM	Chromium VI	n/a	=	0.22	µg/L	EPA 218.6	0.0048	0.02	WKL	
MO-MPK	2018/19-5	Dry	5/14/2019 8:55:00 AM	5/23/2019 3:21:00 PM	Copper	Dissolved	=	6.4	µg/L	EPA 200.8	0.13	0.5	WKL	
MO-MPK	2018/19-5	Dry	5/14/2019 8:55:00 AM	5/23/2019 2:22:00 PM	Copper	Total	=	6.8	µg/L	EPA 200.8	0.13	0.5	WKL	
MO-MPK	2018/19-5	Dry	5/14/2019 8:55:00 AM	5/22/2019 5:35:00 PM	Iron	Dissolved	DNQ	9	µg/L	EPA 200.7	1.1	10	WKL	
MO-MPK	2018/19-5	Dry	5/14/2019 8:55:00 AM	5/22/2019 5:49:00 PM	Iron	Total	=	20	µg/L	EPA 200.7	1.1	10	WKL	
MO-MPK	2018/19-5	Dry	5/14/2019 8:55:00 AM	5/23/2019 3:21:00 PM	Lead	Dissolved	DNQ	0.1	µg/L	EPA 200.8	0.031	0.2	WKL	
MO-MPK	2018/19-5	Dry	5/14/2019 8:55:00 AM	5/23/2019 2:22:00 PM	Lead	Total	DNQ	0.1	µg/L	EPA 200.8	0.031	0.2	WKL	
MO-MPK	2018/19-5	Dry	5/14/2019 8:55:00 AM	5/18/2019 1:32:00 PM	Mercury	Dissolved	<	17	ng/L	EPA 245.1	17	50	WKL	
MO-MPK	2018/19-5	Dry	5/14/2019 8:55:00 AM	5/18/2019 1:33:00 PM	Mercury	Total	<	17	ng/L	EPA 245.1	17	50	WKL	
MO-MPK	2018/19-5	Dry	5/14/2019 8:55:00 AM	5/23/2019 3:21:00 PM	Nickel	Dissolved	=	4.3	µg/L	EPA 200.8	0.045	0.8	WKL	
MO-MPK	2018/19-5	Dry	5/14/2019 8:55:00 AM	5/23/2019 2:22:00 PM	Nickel	Total	=	4.5	µg/L	EPA 200.8	0.045	0.8	WKL	
MO-MPK	2018/19-5	Dry	5/14/2019 8:55:00 AM	5/23/2019 3:21:00 PM	Selenium	Dissolved	DNQ	0.23	µg/L	EPA 200.8	0.14	0.4	WKL	
MO-MPK	2018/19-5	Dry	5/14/2019 8:55:00 AM	5/23/2019 2:22:00 PM	Selenium	Total	DNQ	0.25	µg/L	EPA 200.8	0.14	0.4	WKL	
MO-MPK	2018/19-5	Dry	5/14/2019 8:55:00 AM	5/23/2019 3:21:00 PM	Silver	Dissolved	<	0.062	µg/L	EPA 200.8	0.062	0.2	WKL	
MO-MPK	2018/19-5	Dry	5/14/2019 8:55:00 AM	5/23/2019 2:22:00 PM	Silver	Total	<	0.062	µg/L	EPA 200.8	0.062	0.2	WKL	
MO-MPK	2018/19-5	Dry	5/14/2019 8:55:00 AM	5/23/2019 3:21:00 PM	Thallium	Dissolved	<	0.014	µg/L	EPA 200.8	0.014	0.2	WKL	
MO-MPK	2018/19-5	Dry	5/14/2019 8:55:00 AM	5/23/2019 2:22:00 PM	Thallium	Total	<	0.014	µg/L	EPA 200.8	0.014	0.2	WKL	
MO-MPK	2018/19-5	Dry	5/14/2019 8:55:00 AM	5/23/2019 3:21:00 PM	Zinc	Dissolved	DNQ	3.6	µg/L	EPA 200.8	0.94	5	WKL	
MO-MPK	2018/19-5	Dry	5/14/2019 8:55:00 AM	5/23/2019 2:22:00 PM	Zinc	Total	DNQ	3.4	µg/L	EPA 200.8	0.94	5	WKL	
MO-MPK	2018/19-5	Dry	5/14/2019 8:55:00 AM	5/16/2019 6:31:00 PM	Ammonia as N	n/a	<	0.048	mg/L	EPA 350.1	0.048	0.1	WKL	
MO-MPK	2018/19-5	Dry	5/14/2019 8:55:00 AM	5/28/2019 4:39:00 PM	Nitrate + Nitrite as N	n/a	<	0.083	mg/L	EPA 353.2	0.083	0.2	WKL	
MO-MPK	2018/19-5	Dry	5/14/2019 8:55:00 AM	5/22/2019 5:35:00 PM	Phosphorus as P	Dissolved	=	0.038	mg/L	EPA 200.7	0.012	0.02	WKL	
MO-MPK	2018/19-5	Dry	5/14/2019 8:55:00 AM	5/22/2019 5:49:00 PM	Phosphorus as P	Total	=	0.048	mg/L	EPA 200.7	0.012	0.02	WKL	
MO-MPK	2018/19-5	Dry	5/14/2019 8:55:00 AM	5/21/2019 1:34:00 PM	TKN	n/a	=	1.6	mg/L	EPA 351.2	0.05	0.1	WKL	
MO-MPK	2018/19-5	Dry	5/14/2019 8:55:00 AM	5/24/2019 9:42:00 PM	1,2,4-Trichlorobenzene	n/a	<	2.8	µg/L	EPA 625	2.8	5	WKL	
MO-MPK	2018/19-5	Dry	5/14/2019 8:55:00 AM	5/24/2019 9:42:00 PM	1,2-Dichlorobenzene	n/a	<	2.8	µg/L	EPA 625	2.8	5	WKL	
MO-MPK	2018/19-5	Dry	5/14/2019 8:55:00 AM	5/24/2019 9:42:00 PM	1,2-Diphenylhydrazine	n/a	<	1.2	µg/L	EPA 625	1.2	5	WKL	

Appendix G
Laboratory Environmental Analysis Results

Site ID	Event	Event Type	Sample Date	Analysis Date	Constituent	Fraction	Sign	Result	Units	Method	MDL	Reporting Limit	Analyzing Laboratory	Qualifier
MO-MPK	2018/19-5	Dry	5/14/2019 8:55:00 AM	5/24/2019 9:42:00 PM	1,3-Dichlorobenzene	n/a	<	2.6	µg/L	EPA 625	2.6	5	WKL	
MO-MPK	2018/19-5	Dry	5/14/2019 8:55:00 AM	5/24/2019 9:42:00 PM	1,4-Dichlorobenzene	n/a	<	2.8	µg/L	EPA 625	2.8	5	WKL	
MO-MPK	2018/19-5	Dry	5/14/2019 8:55:00 AM	6/8/2019 7:24:00 AM	1-Methylnaphthalene	n/a	<	0.5	µg/L	EPA 8270C	0.5	0.5	WKL	
MO-MPK	2018/19-5	Dry	5/14/2019 8:55:00 AM	5/22/2019 4:02:00 AM	2,4,5-Trichlorophenol	n/a	<	1.4	µg/L	EPA 8270C	1.4	5	WKL	
MO-MPK	2018/19-5	Dry	5/14/2019 8:55:00 AM	5/22/2019 4:02:00 AM	2,4,6-Trichlorophenol	n/a	<	1.5	µg/L	EPA 8270C	1.5	5	WKL	
MO-MPK	2018/19-5	Dry	5/14/2019 8:55:00 AM	5/24/2019 9:42:00 PM	2,4,6-Trichlorophenol	n/a	<	1.1	µg/L	EPA 625	1.1	5	WKL	
MO-MPK	2018/19-5	Dry	5/14/2019 8:55:00 AM	5/22/2019 4:02:00 AM	2,4-Dichlorophenol	n/a	<	2.6	µg/L	EPA 8270C	2.6	5	WKL	
MO-MPK	2018/19-5	Dry	5/14/2019 8:55:00 AM	5/24/2019 9:42:00 PM	2,4-Dichlorophenol	n/a	<	1.3	µg/L	EPA 625	1.3	5	WKL	
MO-MPK	2018/19-5	Dry	5/14/2019 8:55:00 AM	5/22/2019 4:02:00 AM	2,4-Dimethylphenol	n/a	<	5	µg/L	EPA 8270C	5	10	WKL	
MO-MPK	2018/19-5	Dry	5/14/2019 8:55:00 AM	5/24/2019 9:42:00 PM	2,4-Dimethylphenol	n/a	<	1.5	µg/L	EPA 625	1.5	5	WKL	
MO-MPK	2018/19-5	Dry	5/14/2019 8:55:00 AM	5/22/2019 4:02:00 AM	2,4-Dinitrophenol	n/a	<	5	µg/L	EPA 8270C	5	10	WKL	
MO-MPK	2018/19-5	Dry	5/14/2019 8:55:00 AM	5/24/2019 9:42:00 PM	2,4-Dinitrophenol	n/a	<	7.9	µg/L	EPA 625	7.9	50	WKL	
MO-MPK	2018/19-5	Dry	5/14/2019 8:55:00 AM	5/24/2019 9:42:00 PM	2,4-Dinitrotoluene	n/a	<	0.9	µg/L	EPA 625	0.9	5	WKL	
MO-MPK	2018/19-5	Dry	5/14/2019 8:55:00 AM	5/24/2019 9:42:00 PM	2,6-Dinitrotoluene	n/a	<	1.4	µg/L	EPA 625	1.4	5	WKL	
MO-MPK	2018/19-5	Dry	5/14/2019 8:55:00 AM	5/17/2019 7:10:00 AM	2-Chloroethyl vinyl ether	n/a	<	0.28	µg/L	EPA 624	0.28	1	WKL	
MO-MPK	2018/19-5	Dry	5/14/2019 8:55:00 AM	5/24/2019 9:42:00 PM	2-Chloronaphthalene	n/a	<	2.2	µg/L	EPA 625	2.2	5	WKL	
MO-MPK	2018/19-5	Dry	5/14/2019 8:55:00 AM	5/24/2019 9:42:00 PM	2-Chlorophenol	n/a	<	1.4	µg/L	EPA 625	1.4	5	WKL	
MO-MPK	2018/19-5	Dry	5/14/2019 8:55:00 AM	5/22/2019 4:02:00 AM	2-Chlorophenol	n/a	<	3.2	µg/L	EPA 8270C	3.2	5	WKL	
MO-MPK	2018/19-5	Dry	5/14/2019 8:55:00 AM	6/8/2019 7:24:00 AM	2-Methylnaphthalene	n/a	<	0.5	µg/L	EPA 8270C	0.5	0.5	WKL	
MO-MPK	2018/19-5	Dry	5/14/2019 8:55:00 AM	5/22/2019 4:02:00 AM	2-Methylphenol	n/a	<	1.7	µg/L	EPA 8270C	1.7	5	WKL	
MO-MPK	2018/19-5	Dry	5/14/2019 8:55:00 AM	5/24/2019 9:42:00 PM	2-Nitrophenol	n/a	<	1.3	µg/L	EPA 625	1.3	5	WKL	
MO-MPK	2018/19-5	Dry	5/14/2019 8:55:00 AM	5/22/2019 4:02:00 AM	2-Nitrophenol	n/a	<	3.6	µg/L	EPA 8270C	3.6	5	WKL	
MO-MPK	2018/19-5	Dry	5/14/2019 8:55:00 AM	5/24/2019 9:42:00 PM	3,3'-Dichlorobenzidine	n/a	<	6	µg/L	EPA 625	6	25	WKL	
MO-MPK	2018/19-5	Dry	5/14/2019 8:55:00 AM	5/22/2019 4:02:00 AM	3-/4-Methylphenol	n/a	<	1.5	µg/L	EPA 8270C	1.5	5	WKL	
MO-MPK	2018/19-5	Dry	5/14/2019 8:55:00 AM	5/24/2019 9:42:00 PM	4,6-Dinitro-2-methylphenol	n/a	<	8.6	µg/L	EPA 625	8.6	25	WKL	
MO-MPK	2018/19-5	Dry	5/14/2019 8:55:00 AM	5/22/2019 4:02:00 AM	4,6-Dinitro-2-methylphenol	n/a	<	0.7	µg/L	EPA 8270C	0.7	5	WKL	
MO-MPK	2018/19-5	Dry	5/14/2019 8:55:00 AM	5/24/2019 9:42:00 PM	4-Bromophenyl phenyl ether	n/a	<	1.8	µg/L	EPA 625	1.8	5	WKL	
MO-MPK	2018/19-5	Dry	5/14/2019 8:55:00 AM	5/24/2019 9:42:00 PM	4-Chloro-3-methylphenol	n/a	<	1.2	µg/L	EPA 625	1.2	5	WKL	
MO-MPK	2018/19-5	Dry	5/14/2019 8:55:00 AM	5/22/2019 4:02:00 AM	4-Chloro-3-methylphenol	n/a	<	1.8	µg/L	EPA 8270C	1.8	5	WKL	
MO-MPK	2018/19-5	Dry	5/14/2019 8:55:00 AM	5/24/2019 9:42:00 PM	4-Chlorophenyl phenyl ether	n/a	<	2	µg/L	EPA 625	2	5	WKL	
MO-MPK	2018/19-5	Dry	5/14/2019 8:55:00 AM	5/22/2019 4:02:00 AM	4-Nitrophenol	n/a	<	5	µg/L	EPA 8270C	5	10	WKL	
MO-MPK	2018/19-5	Dry	5/14/2019 8:55:00 AM	5/24/2019 9:42:00 PM	4-Nitrophenol	n/a	<	2.2	µg/L	EPA 625	2.2	25	WKL	
MO-MPK	2018/19-5	Dry	5/14/2019 8:55:00 AM	6/8/2019 7:24:00 AM	Acenaphthene	n/a	<	0.5	µg/L	EPA 8270C	0.5	0.5	WKL	
MO-MPK	2018/19-5	Dry	5/14/2019 8:55:00 AM	5/24/2019 9:42:00 PM	Acenaphthene	n/a	<	1.9	µg/L	EPA 625	1.9	5	WKL	
MO-MPK	2018/19-5	Dry	5/14/2019 8:55:00 AM	6/8/2019 7:24:00 AM	Acenaphthylene	n/a	<	0.5	µg/L	EPA 8270C	0.5	0.5	WKL	
MO-MPK	2018/19-5	Dry	5/14/2019 8:55:00 AM	5/24/2019 9:42:00 PM	Acenaphthylene	n/a	<	2	µg/L	EPA 625	2	5	WKL	
MO-MPK	2018/19-5	Dry	5/14/2019 8:55:00 AM	6/8/2019 7:24:00 AM	Anthracene	n/a	<	0.5	µg/L	EPA 8270C	0.5	0.5	WKL	
MO-MPK	2018/19-5	Dry	5/14/2019 8:55:00 AM	5/24/2019 9:42:00 PM	Anthracene	n/a	<	1.7	µg/L	EPA 625	1.7	5	WKL	
MO-MPK	2018/19-5	Dry	5/14/2019 8:55:00 AM	6/8/2019 7:24:00 AM	Benz(a)anthracene	n/a	<	0.5	µg/L	EPA 8270C	0.5	0.5	WKL	
MO-MPK	2018/19-5	Dry	5/14/2019 8:55:00 AM	5/24/2019 9:42:00 PM	Benz(a)anthracene	n/a	<	0.95	µg/L	EPA 625	0.95	5	WKL	
MO-MPK	2018/19-5	Dry	5/14/2019 8:55:00 AM	5/24/2019 9:42:00 PM	Benzenzidine	n/a	<	18	µg/L	EPA 625	18	50	WKL	
MO-MPK	2018/19-5	Dry	5/14/2019 8:55:00 AM	6/8/2019 7:24:00 AM	Benzo(a)pyrene	n/a	<	0.5	µg/L	EPA 8270C	0.5	0.5	WKL	
MO-MPK	2018/19-5	Dry	5/14/2019 8:55:00 AM	5/24/2019 9:42:00 PM	Benzo(a)pyrene	n/a	<	0.65	µg/L	EPA 625	0.65	5	WKL	
MO-MPK	2018/19-5	Dry	5/14/2019 8:55:00 AM	5/17/2019 2:35:00 AM	Benzo(a)pyrene	n/a	<	0.07	µg/L	EPA 525.2	0.07	0.1	WKL	
MO-MPK	2018/19-5	Dry	5/14/2019 8:55:00 AM	6/8/2019 7:24:00 AM	Benzo(b)fluoranthene	n/a	<	0.5	µg/L	EPA 8270C	0.5	0.5	WKL	
MO-MPK	2018/19-5	Dry	5/14/2019 8:55:00 AM	5/24/2019 9:42:00 PM	Benzo(b)fluoranthene	n/a	<	0.7	µg/L	EPA 625	0.7	5	WKL	
MO-MPK	2018/19-5	Dry	5/14/2019 8:55:00 AM	5/24/2019 9:42:00 PM	Benzo(g,h,i)perylene	n/a	<	0.5	µg/L	EPA 625	0.5	10	WKL	
MO-MPK	2018/19-5	Dry	5/14/2019 8:55:00 AM	6/8/2019 7:24:00 AM	Benzo(g,h,i)perylene	n/a	<	0.5	µg/L	EPA 8270C	0.5	0.5	WKL	

Appendix G
Laboratory Environmental Analysis Results

Site ID	Event	Event Type	Sample Date	Analysis Date	Constituent	Fraction	Sign	Result	Units	Method	MDL	Reporting Limit	Analyzing Laboratory	Qualifier
MO-MPK	2018/19-5	Dry	5/14/2019 8:55:00 AM	5/24/2019 9:42:00 PM	Benzo(k)fluoranthene	n/a	<	1.1	µg/L	EPA 625	1.1	5	WKL	
MO-MPK	2018/19-5	Dry	5/14/2019 8:55:00 AM	6/8/2019 7:24:00 AM	Benzo(k)fluoranthene	n/a	<	0.5	µg/L	EPA 8270C	0.5	0.5	WKL	
MO-MPK	2018/19-5	Dry	5/14/2019 8:55:00 AM	5/24/2019 9:42:00 PM	Bis(2-chloroethoxy)methane	n/a	<	1.2	µg/L	EPA 625	1.2	5	WKL	
MO-MPK	2018/19-5	Dry	5/14/2019 8:55:00 AM	5/24/2019 9:42:00 PM	Bis(2-chloroethyl)ether	n/a	<	1.4	µg/L	EPA 625	1.4	5	WKL	
MO-MPK	2018/19-5	Dry	5/14/2019 8:55:00 AM	5/24/2019 9:42:00 PM	Bis(2-chloroisopropyl)ether	n/a	<	1.9	µg/L	EPA 625	1.9	5	WKL	
MO-MPK	2018/19-5	Dry	5/14/2019 8:55:00 AM	5/17/2019 2:35:00 AM	Bis(2-ethylhexyl)adipate	n/a	<	0.1	µg/L	EPA 525.2	0.1	5	WKL	
MO-MPK	2018/19-5	Dry	5/14/2019 8:55:00 AM	5/24/2019 9:42:00 PM	Bis(2-ethylhexyl)phthalate	n/a	<	12	µg/L	EPA 625	12	25	WKL	
MO-MPK	2018/19-5	Dry	5/14/2019 8:55:00 AM	5/17/2019 2:35:00 AM	Bis(2-ethylhexyl)phthalate	n/a	<	1.1	µg/L	EPA 525.2	1.1	3	WKL	
MO-MPK	2018/19-5	Dry	5/14/2019 8:55:00 AM	5/24/2019 9:42:00 PM	Butyl benzyl phthalate	n/a	<	0.9	µg/L	EPA 625	0.9	5	WKL	
MO-MPK	2018/19-5	Dry	5/14/2019 8:55:00 AM	5/24/2019 9:42:00 PM	Chrysene	n/a	<	0.95	µg/L	EPA 625	0.95	5	WKL	
MO-MPK	2018/19-5	Dry	5/14/2019 8:55:00 AM	6/8/2019 7:24:00 AM	Chrysene	n/a	<	0.5	µg/L	EPA 8270C	0.5	0.5	WKL	
MO-MPK	2018/19-5	Dry	5/14/2019 8:55:00 AM	5/24/2019 9:42:00 PM	Dibenz(a,h)anthracene	n/a	<	0.4	µg/L	EPA 625	0.4	10	WKL	
MO-MPK	2018/19-5	Dry	5/14/2019 8:55:00 AM	6/8/2019 7:24:00 AM	Dibenz(a,h)anthracene	n/a	<	0.5	µg/L	EPA 8270C	0.5	0.5	WKL	
MO-MPK	2018/19-5	Dry	5/14/2019 8:55:00 AM	5/24/2019 9:42:00 PM	Diethyl phthalate	n/a	<	0.75	µg/L	EPA 625	0.75	5	WKL	
MO-MPK	2018/19-5	Dry	5/14/2019 8:55:00 AM	5/24/2019 9:42:00 PM	Dimethyl phthalate	n/a	<	0.9	µg/L	EPA 625	0.9	5	WKL	
MO-MPK	2018/19-5	Dry	5/14/2019 8:55:00 AM	5/24/2019 9:42:00 PM	Di-n-butylphthalate	n/a	<	1.2	µg/L	EPA 625	1.2	5	WKL	
MO-MPK	2018/19-5	Dry	5/14/2019 8:55:00 AM	5/24/2019 9:42:00 PM	Di-n-octylphthalate	n/a	<	0.95	µg/L	EPA 625	0.95	5	WKL	
MO-MPK	2018/19-5	Dry	5/14/2019 8:55:00 AM	5/24/2019 9:42:00 PM	Fluoranthene	n/a	<	1.1	µg/L	EPA 625	1.1	5	WKL	
MO-MPK	2018/19-5	Dry	5/14/2019 8:55:00 AM	6/8/2019 7:24:00 AM	Fluoranthene	n/a	<	0.5	µg/L	EPA 8270C	0.5	0.5	WKL	
MO-MPK	2018/19-5	Dry	5/14/2019 8:55:00 AM	5/24/2019 9:42:00 PM	Fluorene	n/a	<	1.8	µg/L	EPA 625	1.8	5	WKL	
MO-MPK	2018/19-5	Dry	5/14/2019 8:55:00 AM	6/8/2019 7:24:00 AM	Fluorene	n/a	<	0.5	µg/L	EPA 8270C	0.5	0.5	WKL	
MO-MPK	2018/19-5	Dry	5/14/2019 8:55:00 AM	5/24/2019 9:42:00 PM	Hexachlorobenzene	n/a	<	2.4	µg/L	EPA 625	2.4	5	WKL	
MO-MPK	2018/19-5	Dry	5/14/2019 8:55:00 AM	5/24/2019 9:42:00 PM	Hexachlorobutadiene	n/a	<	2.4	µg/L	EPA 625	2.4	5	WKL	
MO-MPK	2018/19-5	Dry	5/14/2019 8:55:00 AM	5/24/2019 9:42:00 PM	Hexachlorocyclopentadiene	n/a	<	7.3	µg/L	EPA 625	7.3	25	WKL	
MO-MPK	2018/19-5	Dry	5/14/2019 8:55:00 AM	5/24/2019 9:42:00 PM	Hexachloroethane	n/a	<	2.6	µg/L	EPA 625	2.6	5	WKL	
MO-MPK	2018/19-5	Dry	5/14/2019 8:55:00 AM	5/24/2019 9:42:00 PM	Indeno(1,2,3-cd)pyrene	n/a	<	0.6	µg/L	EPA 625	0.6	10	WKL	
MO-MPK	2018/19-5	Dry	5/14/2019 8:55:00 AM	6/8/2019 7:24:00 AM	Indeno(1,2,3-cd)pyrene	n/a	<	0.5	µg/L	EPA 8270C	0.5	0.5	WKL	
MO-MPK	2018/19-5	Dry	5/14/2019 8:55:00 AM	5/24/2019 9:42:00 PM	Isophorone	n/a	<	1	µg/L	EPA 625	1	5	WKL	
MO-MPK	2018/19-5	Dry	5/14/2019 8:55:00 AM	5/17/2019 7:10:00 AM	Methyl tert-butyl ether (MTBE)	n/a	<	0.25	µg/L	EPA 624	0.25	1	WKL	
MO-MPK	2018/19-5	Dry	5/14/2019 8:55:00 AM	6/8/2019 7:24:00 AM	Naphthalene	n/a	<	0.5	µg/L	EPA 8270C	0.5	0.5	WKL	
MO-MPK	2018/19-5	Dry	5/14/2019 8:55:00 AM	5/24/2019 9:42:00 PM	Naphthalene	n/a	<	2.4	µg/L	EPA 625	2.4	5	WKL	
MO-MPK	2018/19-5	Dry	5/14/2019 8:55:00 AM	5/24/2019 9:42:00 PM	Nitrobenzene	n/a	<	1.8	µg/L	EPA 625	1.8	5	WKL	
MO-MPK	2018/19-5	Dry	5/14/2019 8:55:00 AM	5/24/2019 9:42:00 PM	N-Nitrosodimethylamine	n/a	<	0.7	µg/L	EPA 625	0.7	5	WKL	
MO-MPK	2018/19-5	Dry	5/14/2019 8:55:00 AM	5/24/2019 9:42:00 PM	N-Nitrosodi-N-propylamine	n/a	<	1.3	µg/L	EPA 625	1.3	5	WKL	
MO-MPK	2018/19-5	Dry	5/14/2019 8:55:00 AM	5/24/2019 9:42:00 PM	N-Nitrosodiphenylamine	n/a	<	0.95	µg/L	EPA 625	0.95	5	WKL	
MO-MPK	2018/19-5	Dry	5/14/2019 8:55:00 AM	5/24/2019 9:42:00 PM	Phenanthrene	n/a	<	1.6	µg/L	EPA 625	1.6	5	WKL	
MO-MPK	2018/19-5	Dry	5/14/2019 8:55:00 AM	6/8/2019 7:24:00 AM	Phenanthrene	n/a	<	0.5	µg/L	EPA 8270C	0.5	0.5	WKL	
MO-MPK	2018/19-5	Dry	5/14/2019 8:55:00 AM	5/24/2019 9:42:00 PM	Phenol	n/a	<	0.8	µg/L	EPA 625	0.8	5	WKL	
MO-MPK	2018/19-5	Dry	5/14/2019 8:55:00 AM	5/22/2019 4:02:00 AM	Phenol	n/a	<	1.8	µg/L	EPA 8270C	1.8	5	WKL	
MO-MPK	2018/19-5	Dry	5/14/2019 8:55:00 AM	5/24/2019 9:42:00 PM	Pyrene	n/a	<	1.2	µg/L	EPA 625	1.2	5	WKL	
MO-MPK	2018/19-5	Dry	5/14/2019 8:55:00 AM	6/8/2019 7:24:00 AM	Pyrene	n/a	<	0.5	µg/L	EPA 8270C	0.5	0.5	WKL	
MO-MPK	2018/19-5	Dry	5/14/2019 8:55:00 AM	5/21/2019 9:57:00 PM	PCB Aroclor 1016	n/a	<	0.5	µg/L	EPA 608	0.5	5	WKL	
MO-MPK	2018/19-5	Dry	5/14/2019 8:55:00 AM	5/21/2019 9:57:00 PM	PCB Aroclor 1221	n/a	<	0.6	µg/L	EPA 608	0.6	5	WKL	
MO-MPK	2018/19-5	Dry	5/14/2019 8:55:00 AM	5/21/2019 9:57:00 PM	PCB Aroclor 1232	n/a	<	1.5	µg/L	EPA 608	1.5	5	WKL	
MO-MPK	2018/19-5	Dry	5/14/2019 8:55:00 AM	5/21/2019 9:57:00 PM	PCB Aroclor 1242	n/a	<	0.7	µg/L	EPA 608	0.7	5	WKL	
MO-MPK	2018/19-5	Dry	5/14/2019 8:55:00 AM	5/21/2019 9:57:00 PM	PCB Aroclor 1248	n/a	<	0.6	µg/L	EPA 608	0.6	5	WKL	
MO-MPK	2018/19-5	Dry	5/14/2019 8:55:00 AM	5/21/2019 9:57:00 PM	PCB Aroclor 1254	n/a	<	0.4	µg/L	EPA 608	0.4	5	WKL	
MO-MPK	2018/19-5	Dry	5/14/2019 8:55:00 AM	5/21/2019 9:57:00 PM	PCB Aroclor 1260	n/a	<	0.4	µg/L	EPA 608	0.4	5	WKL	

Appendix G
Laboratory Environmental Analysis Results

Site ID	Event	Event Type	Sample Date	Analysis Date	Constituent	Fraction	Sign	Result	Units	Method	MDL	Reporting Limit	Analyzing Laboratory	Qualifier
MO-MPK	2018/19-5	Dry	5/14/2019 8:55:00 AM	5/24/2019 3:35:00 AM	2,4,5-T	n/a	<	0.07	µg/L	EPA 515.4	0.07	0.2	WKL	
MO-MPK	2018/19-5	Dry	5/14/2019 8:55:00 AM	5/24/2019 3:35:00 AM	2,4,5-TP	n/a	<	0.09	µg/L	EPA 515.4	0.09	0.2	WKL	
MO-MPK	2018/19-5	Dry	5/14/2019 8:55:00 AM	5/24/2019 3:35:00 AM	2,4-D	n/a	<	0.07	µg/L	EPA 515.4	0.07	0.4	WKL	
MO-MPK	2018/19-5	Dry	5/14/2019 8:55:00 AM	5/24/2019 3:35:00 AM	2,4-DB	n/a	<	0.07	µg/L	EPA 515.4	0.07	2	WKL	
MO-MPK	2018/19-5	Dry	5/14/2019 8:55:00 AM	5/24/2019 3:35:00 AM	3,5-Dichlorobenzoic acid	n/a	<	0.09	µg/L	EPA 515.4	0.09	1	WKL	
MO-MPK	2018/19-5	Dry	5/14/2019 8:55:00 AM	5/21/2019 9:57:00 PM	4,4'-DDD	n/a	<	0.03	µg/L	EPA 608	0.03	0.5	WKL	
MO-MPK	2018/19-5	Dry	5/14/2019 8:55:00 AM	5/21/2019 9:57:00 PM	4,4'-DDE	n/a	<	0.025	µg/L	EPA 608	0.025	0.5	WKL	
MO-MPK	2018/19-5	Dry	5/14/2019 8:55:00 AM	5/21/2019 9:57:00 PM	4,4'-DDT	n/a	<	0.031	µg/L	EPA 608	0.031	0.1	WKL	
MO-MPK	2018/19-5	Dry	5/14/2019 8:55:00 AM	5/24/2019 3:35:00 AM	Acifluorfen	n/a	<	0.06	µg/L	EPA 515.4	0.06	0.4	WKL	
MO-MPK	2018/19-5	Dry	5/14/2019 8:55:00 AM	5/17/2019 2:35:00 AM	Alachlor	n/a	<	0.022	µg/L	EPA 525.2	0.022	0.1	WKL	
MO-MPK	2018/19-5	Dry	5/14/2019 8:55:00 AM	5/21/2019 9:57:00 PM	Aldrin	n/a	<	0.015	µg/L	EPA 608	0.015	0.05	WKL	
MO-MPK	2018/19-5	Dry	5/14/2019 8:55:00 AM	5/21/2019 9:57:00 PM	alpha-BHC	n/a	<	0.018	µg/L	EPA 608	0.018	0.1	WKL	
MO-MPK	2018/19-5	Dry	5/14/2019 8:55:00 AM	5/21/2019 9:57:00 PM	alpha-Chlordane	n/a	<	0.041	µg/L	EPA 608	0.041	0.1	WKL	
MO-MPK	2018/19-5	Dry	5/14/2019 8:55:00 AM	5/17/2019 2:35:00 AM	Atrazine	n/a	<	0.034	µg/L	EPA 525.2	0.034	0.1	WKL	
MO-MPK	2018/19-5	Dry	5/14/2019 8:55:00 AM	5/22/2019 1:08:00 PM	Azinphos methyl	n/a	<	0.0055	µg/L	EPA 525.2m	0.0055	0.01	WKL	
MO-MPK	2018/19-5	Dry	5/14/2019 8:55:00 AM	5/24/2019 3:35:00 AM	Bentazon	n/a	<	0.11	µg/L	EPA 515.4	0.11	2	WKL	
MO-MPK	2018/19-5	Dry	5/14/2019 8:55:00 AM	5/21/2019 9:57:00 PM	beta-BHC	n/a	<	0.031	µg/L	EPA 608	0.031	0.05	WKL	
MO-MPK	2018/19-5	Dry	5/14/2019 8:55:00 AM	5/22/2019 1:08:00 PM	Bolstar	n/a	<	0.0046	µg/L	EPA 525.2m	0.0046	0.01	WKL	
MO-MPK	2018/19-5	Dry	5/14/2019 8:55:00 AM	5/17/2019 2:35:00 AM	Bromacil	n/a	<	0.038	µg/L	EPA 525.2	0.038	1	WKL	
MO-MPK	2018/19-5	Dry	5/14/2019 8:55:00 AM	5/17/2019 2:35:00 AM	Butachlor	n/a	<	0.017	µg/L	EPA 525.2	0.017	0.2	WKL	
MO-MPK	2018/19-5	Dry	5/14/2019 8:55:00 AM	5/17/2019 2:35:00 AM	Captan	n/a	<	0.86	µg/L	EPA 525.2	0.86	1	WKL	
MO-MPK	2018/19-5	Dry	5/14/2019 8:55:00 AM	5/21/2019 9:57:00 PM	Chlordane (technical)	n/a	<	0.8	µg/L	EPA 608	0.8	1	WKL	
MO-MPK	2018/19-5	Dry	5/14/2019 8:55:00 AM	5/17/2019 2:35:00 AM	Chloroprotham	n/a	<	0.01	µg/L	EPA 525.2	0.01	0.1	WKL	
MO-MPK	2018/19-5	Dry	5/14/2019 8:55:00 AM	5/22/2019 1:08:00 PM	Chlorpyrifos	n/a	<	0.0069	µg/L	EPA 525.2m	0.0069	0.01	WKL	
MO-MPK	2018/19-5	Dry	5/14/2019 8:55:00 AM	5/22/2019 1:08:00 PM	Coumaphos	n/a	<	0.0051	µg/L	EPA 525.2m	0.0051	0.01	WKL	
MO-MPK	2018/19-5	Dry	5/14/2019 8:55:00 AM	5/17/2019 2:35:00 AM	Cyanazine	n/a	<	0.024	µg/L	EPA 525.2	0.024	0.1	WKL	
MO-MPK	2018/19-5	Dry	5/14/2019 8:55:00 AM	5/24/2019 3:35:00 AM	Dalapon	n/a	<	0.1	µg/L	EPA 515.4	0.1	0.4	WKL	
MO-MPK	2018/19-5	Dry	5/14/2019 8:55:00 AM	5/24/2019 3:35:00 AM	DCPA (Dacthal)	n/a	=	0.46	µg/L	EPA 515.4	0.07	0.1	WKL	
MO-MPK	2018/19-5	Dry	5/14/2019 8:55:00 AM	5/21/2019 9:57:00 PM	delta-BHC	n/a	<	0.025	µg/L	EPA 608	0.025	0.05	WKL	
MO-MPK	2018/19-5	Dry	5/14/2019 8:55:00 AM	5/22/2019 1:08:00 PM	Demeton-O	n/a	<	0.01	µg/L	EPA 525.2m	0.01	0.01	WKL	
MO-MPK	2018/19-5	Dry	5/14/2019 8:55:00 AM	5/22/2019 1:08:00 PM	Demeton-S	n/a	<	0.01	µg/L	EPA 525.2m	0.01	0.01	WKL	
MO-MPK	2018/19-5	Dry	5/14/2019 8:55:00 AM	5/22/2019 1:08:00 PM	Diazinon	n/a	<	0.0052	µg/L	EPA 525.2m	0.0052	0.01	WKL	
MO-MPK	2018/19-5	Dry	5/14/2019 8:55:00 AM	5/17/2019 2:35:00 AM	Diazinon	n/a	<	0.096	µg/L	EPA 525.2	0.096	0.1	WKL	
MO-MPK	2018/19-5	Dry	5/14/2019 8:55:00 AM	5/24/2019 3:35:00 AM	Dicamba	n/a	<	0.12	µg/L	EPA 515.4	0.12	0.6	WKL	
MO-MPK	2018/19-5	Dry	5/14/2019 8:55:00 AM	5/24/2019 3:35:00 AM	Dichlorprop	n/a	<	0.08	µg/L	EPA 515.4	0.08	0.3	WKL	
MO-MPK	2018/19-5	Dry	5/14/2019 8:55:00 AM	5/22/2019 1:08:00 PM	Dichlorvos	n/a	<	0.0029	µg/L	EPA 525.2m	0.0029	0.01	WKL	
MO-MPK	2018/19-5	Dry	5/14/2019 8:55:00 AM	5/21/2019 9:57:00 PM	Dieldrin	n/a	<	0.021	µg/L	EPA 608	0.021	0.1	WKL	
MO-MPK	2018/19-5	Dry	5/14/2019 8:55:00 AM	5/17/2019 2:35:00 AM	Dimethoate	n/a	<	0.024	µg/L	EPA 525.2	0.024	0.2	WKL	
MO-MPK	2018/19-5	Dry	5/14/2019 8:55:00 AM	5/22/2019 1:08:00 PM	Dimethoate	n/a	<	0.0062	µg/L	EPA 525.2m	0.0062	0.01	WKL	
MO-MPK	2018/19-5	Dry	5/14/2019 8:55:00 AM	5/24/2019 3:35:00 AM	Dinoseb	n/a	<	0.14	µg/L	EPA 515.4	0.14	0.4	WKL	
MO-MPK	2018/19-5	Dry	5/14/2019 8:55:00 AM	5/17/2019 2:35:00 AM	Diphenamid	n/a	<	0.024	µg/L	EPA 525.2	0.024	0.1	WKL	
MO-MPK	2018/19-5	Dry	5/14/2019 8:55:00 AM	5/17/2019 2:35:00 AM	Disulfoton	n/a	<	0.031	µg/L	EPA 525.2	0.031	0.1	WKL	
MO-MPK	2018/19-5	Dry	5/14/2019 8:55:00 AM	5/22/2019 1:08:00 PM	Disulfoton	n/a	<	0.01	µg/L	EPA 525.2m	0.01	0.01	WKL	
MO-MPK	2018/19-5	Dry	5/14/2019 8:55:00 AM	5/21/2019 9:57:00 PM	Endosulfan I	n/a	<	0.017	µg/L	EPA 608	0.017	0.2	WKL	
MO-MPK	2018/19-5	Dry	5/14/2019 8:55:00 AM	5/21/2019 9:57:00 PM	Endosulfan II	n/a	<	0.019	µg/L	EPA 608	0.019	0.1	WKL	
MO-MPK	2018/19-5	Dry	5/14/2019 8:55:00 AM	5/21/2019 9:57:00 PM	Endosulfan sulfate	n/a	<	0.08	µg/L	EPA 608	0.08	0.5	WKL	
MO-MPK	2018/19-5	Dry	5/14/2019 8:55:00 AM	5/21/2019 9:57:00 PM	Endrin	n/a	<	0.028	µg/L	EPA 608	0.028	0.1	WKL	
MO-MPK	2018/19-5	Dry	5/14/2019 8:55:00 AM	5/21/2019 9:57:00 PM	Endrin aldehyde	n/a	<	0.03	µg/L	EPA 608	0.03	0.1	WKL	

Appendix G
Laboratory Environmental Analysis Results

Site ID	Event	Event Type	Sample Date	Analysis Date	Constituent	Fraction	Sign	Result	Units	Method	MDL	Reporting Limit	Analyzing Laboratory	Qualifier
MO-MPK	2018/19-5	Dry	5/14/2019 8:55:00 AM	5/17/2019 2:35:00 AM	EPTC	n/a	<	0.017	μg/L	EPA 525.2	0.017	1	WKL	
MO-MPK	2018/19-5	Dry	5/14/2019 8:55:00 AM	5/22/2019 1:08:00 PM	Ethoprop	n/a	<	0.0067	μg/L	EPA 525.2m	0.0067	0.01	WKL	
MO-MPK	2018/19-5	Dry	5/14/2019 8:55:00 AM	5/22/2019 1:08:00 PM	Ethyl parathion	n/a	<	0.0054	μg/L	EPA 525.2m	0.0054	0.01	WKL	
MO-MPK	2018/19-5	Dry	5/14/2019 8:55:00 AM	5/22/2019 1:08:00 PM	Fensulfiothion	n/a	<	0.0029	μg/L	EPA 525.2m	0.0029	0.01	WKL	
MO-MPK	2018/19-5	Dry	5/14/2019 8:55:00 AM	5/22/2019 1:08:00 PM	Fenthion	n/a	<	0.0038	μg/L	EPA 525.2m	0.0038	0.01	WKL	
MO-MPK	2018/19-5	Dry	5/14/2019 8:55:00 AM	5/21/2019 9:57:00 PM	gamma-BHC (Lindane)	n/a	<	0.021	μg/L	EPA 608	0.021	0.2	WKL	
MO-MPK	2018/19-5	Dry	5/14/2019 8:55:00 AM	5/21/2019 9:57:00 PM	gamma-Chlordane	n/a	<	0.044	μg/L	EPA 608	0.044	0.1	WKL	
MO-MPK	2018/19-5	Dry	5/14/2019 8:55:00 AM	5/15/2019 6:27:00 PM	Glyphosate	n/a	DNQ	4.4	μg/L	EPA 547	1.8	5	WKL	
MO-MPK	2018/19-5	Dry	5/14/2019 8:55:00 AM	5/21/2019 9:57:00 PM	Heptachlor	n/a	<	0.017	μg/L	EPA 608	0.017	0.1	WKL	
MO-MPK	2018/19-5	Dry	5/14/2019 8:55:00 AM	5/21/2019 9:57:00 PM	Heptachlor epoxide	n/a	<	0.019	μg/L	EPA 608	0.019	0.1	WKL	
MO-MPK	2018/19-5	Dry	5/14/2019 8:55:00 AM	5/22/2019 1:08:00 PM	Malathion	n/a	<	0.0076	μg/L	EPA 525.2m	0.0076	0.01	WKL	
MO-MPK	2018/19-5	Dry	5/14/2019 8:55:00 AM	5/22/2019 1:08:00 PM	Merphos	n/a	<	0.0058	μg/L	EPA 525.2m	0.0058	0.01	WKL	
MO-MPK	2018/19-5	Dry	5/14/2019 8:55:00 AM	5/21/2019 9:57:00 PM	Methoxychlor	n/a	<	0.054	μg/L	EPA 608	0.054	0.2	WKL	
MO-MPK	2018/19-5	Dry	5/14/2019 8:55:00 AM	5/22/2019 1:08:00 PM	Methyl parathion	n/a	<	0.0063	μg/L	EPA 525.2m	0.0063	0.01	WKL	
MO-MPK	2018/19-5	Dry	5/14/2019 8:55:00 AM	5/17/2019 2:35:00 AM	Metolachlor	n/a	<	0.012	μg/L	EPA 525.2	0.012	0.1	WKL	
MO-MPK	2018/19-5	Dry	5/14/2019 8:55:00 AM	5/17/2019 2:35:00 AM	Metribuzin	n/a	<	0.015	μg/L	EPA 525.2	0.015	0.1	WKL	
MO-MPK	2018/19-5	Dry	5/14/2019 8:55:00 AM	5/22/2019 1:08:00 PM	Mevinphos	n/a	<	0.0042	μg/L	EPA 525.2m	0.0042	0.01	WKL	
MO-MPK	2018/19-5	Dry	5/14/2019 8:55:00 AM	5/17/2019 2:35:00 AM	Molinate	n/a	<	0.039	μg/L	EPA 525.2	0.039	0.1	WKL	
MO-MPK	2018/19-5	Dry	5/14/2019 8:55:00 AM	5/22/2019 1:08:00 PM	Naled	n/a	<	0.0076	μg/L	EPA 525.2m	0.0076	0.01	WKL	
MO-MPK	2018/19-5	Dry	5/14/2019 8:55:00 AM	5/22/2019 4:02:00 AM	Pentachlorophenol	n/a	<	0.75	μg/L	EPA 8270C	0.75	5	WKL	
MO-MPK	2018/19-5	Dry	5/14/2019 8:55:00 AM	5/24/2019 3:35:00 PM	Pentachlorophenol	n/a	DNQ	0.078	μg/L	EPA 515.4	0.04	0.2	WKL	
MO-MPK	2018/19-5	Dry	5/14/2019 8:55:00 AM	5/24/2019 9:42:00 PM	Pentachlorophenol	n/a	<	0.95	μg/L	EPA 625	0.95	5	WKL	
MO-MPK	2018/19-5	Dry	5/14/2019 8:55:00 AM	5/22/2019 1:08:00 PM	Phorate	n/a	<	0.003	μg/L	EPA 525.2m	0.003	0.01	WKL	
MO-MPK	2018/19-5	Dry	5/14/2019 8:55:00 AM	5/24/2019 3:35:00 AM	Picloram	n/a	<	0.05	μg/L	EPA 515.4	0.05	0.6	WKL	
MO-MPK	2018/19-5	Dry	5/14/2019 8:55:00 AM	5/17/2019 2:35:00 AM	Prometon	n/a	<	0.024	μg/L	EPA 525.2	0.024	0.2	WKL	
MO-MPK	2018/19-5	Dry	5/14/2019 8:55:00 AM	5/17/2019 2:35:00 AM	Prometryn	n/a	<	0.036	μg/L	EPA 525.2	0.036	0.1	WKL	
MO-MPK	2018/19-5	Dry	5/14/2019 8:55:00 AM	5/22/2019 1:08:00 PM	Ronnel (Fenchlorphos)	n/a	<	0.0041	μg/L	EPA 525.2m	0.0041	0.01	WKL	
MO-MPK	2018/19-5	Dry	5/14/2019 8:55:00 AM	5/17/2019 2:35:00 AM	Simazine	n/a	<	0.015	μg/L	EPA 525.2	0.015	0.1	WKL	
MO-MPK	2018/19-5	Dry	5/14/2019 8:55:00 AM	5/22/2019 1:08:00 PM	Stirophos (Tetrachlorvinphos)	n/a	<	0.0031	μg/L	EPA 525.2m	0.0031	0.01	WKL	
MO-MPK	2018/19-5	Dry	5/14/2019 8:55:00 AM	5/17/2019 2:35:00 AM	Terbacil	n/a	<	0.55	μg/L	EPA 525.2	0.55	2	WKL	
MO-MPK	2018/19-5	Dry	5/14/2019 8:55:00 AM	5/17/2019 2:35:00 AM	Thiobencarb	n/a	<	0.025	μg/L	EPA 525.2	0.025	0.2	WKL	
MO-MPK	2018/19-5	Dry	5/14/2019 8:55:00 AM	5/22/2019 1:08:00 PM	Tokuthion	n/a	<	0.0078	μg/L	EPA 525.2m	0.0078	0.01	WKL	
MO-MPK	2018/19-5	Dry	5/14/2019 8:55:00 AM	5/21/2019 9:57:00 PM	Toxaphene	n/a	<	1.2	μg/L	EPA 608	1.2	5	WKL	
MO-MPK	2018/19-5	Dry	5/14/2019 8:55:00 AM	5/22/2019 1:08:00 PM	Trichloronate	n/a	<	0.0067	μg/L	EPA 525.2m	0.0067	0.01	WKL	
MO-MPK	2018/19-5	Dry	5/14/2019 8:55:00 AM	5/17/2019 2:35:00 AM	Trithion	n/a	<	0.012	μg/L	EPA 525.2	0.012	0.1	WKL	
MO-OJA	2018/19-1	Wet	11/21/2018 11:15:00 PM	11/22/2018 9:00:00 PM	E. Coli	n/a	=	1299700	MPN/100 mL	MMO-MUG	1000	1000	VCHCA	
MO-OJA	2018/19-1	Wet	11/21/2018 11:15:00 PM	11/22/2018 9:00:00 PM	Total Coliform	n/a	>	2419600	MPN/100 mL	MMO-MUG	1000	1000	VCHCA	
MO-OJA	2018/19-1	Wet	11/21/2018 11:15:00 PM	11/21/2018 11:15:00 PM	Conductivity	n/a	=	290.5	μmhos/cm	Field Meter	-88	1	Field Crew	
MO-OJA	2018/19-1	Wet	11/21/2018 11:15:00 PM	11/28/2018 5:16:00 PM	Cyanide	Total	=	0.01	mg/L	ASTM D7511	0.0005	0.002	WKL	
MO-OJA	2018/19-1	Wet	11/21/2018 11:15:00 PM	11/21/2018 11:15:00 PM	DO	n/a	=	88.8	%	Field Meter	-88	0.1	Field Crew	
MO-OJA	2018/19-1	Wet	11/21/2018 11:15:00 PM	11/21/2018 11:15:00 PM	DO	n/a	=	8.78	mg/L	Field Meter	-88	0.3	Field Crew	
MO-OJA	2018/19-1	Wet	11/21/2018 11:15:00 PM	11/21/2018 11:15:00 PM	pH	n/a	=	7.46	pH Units	Field Meter	-88	0.01	Field Crew	
MO-OJA	2018/19-1	Wet	11/21/2018 11:15:00 PM	11/21/2018 11:15:00 PM	Salinity	n/a	=	200	mg/L	Field Meter	-88	100	Field Crew	
MO-OJA	2018/19-1	Wet	11/21/2018 11:15:00 PM	11/21/2018 11:15:00 PM	Specific Conductance	n/a	=	317.9	μmhos/cm	Field Meter	-88	1	Field Crew	
MO-OJA	2018/19-1	Wet	11/21/2018 11:15:00 PM	11/21/2018 11:15:00 PM	Temperature	n/a	=	15.6	°C	Field Meter	-88	0.1	Field Crew	
MO-OJA	2018/19-1	Wet	11/21/2018 11:15:00 PM	11/30/2018 5:54:00 PM	Gasoline Range Organics	n/a	DNQ	0.06	mg/L	LUFT GC/MS	0.012	0.1	WKL	
MO-OJA	2018/19-1	Wet	11/21/2018 11:15:00 PM	12/4/2018 9:18:00 AM	Oil and Grease	n/a	DNQ	2.9	mg/L	EPA 1664A	1.3	5	WKL	
MO-OJA	2018/19-1	Wet	11/21/2018 11:15:00 PM	11/26/2018 8:16:00 PM	2-Chloroethyl vinyl ether	n/a	<	0.28	μg/L	EPA 624	0.28	1	WKL	

Appendix G
Laboratory Environmental Analysis Results

Site ID	Event	Event Type	Sample Date	Analysis Date	Constituent	Fraction	Sign	Result	Units	Method	MDL	Reporting Limit	Analyzing Laboratory	Qualifier
MO-OJA	2018/19-1	Wet	11/21/2018 11:15:00 PM	11/26/2018 8:16:00 PM	Methyl tert-butyl ether (MTBE)	n/a	<	0.25	µg/L	EPA 624	0.25	1	WKL	
MO-OJA	2018/19-1	Wet	11/22/2018 9:25:00 AM	11/26/2018 10:00:00 PM	Chloride	n/a	=	12	mg/L	EPA 300.0	0.2	1	WKL	
MO-OJA	2018/19-1	Wet	11/22/2018 9:25:00 AM	11/26/2018 10:00:00 PM	Fluoride	n/a	DNQ	0.19	mg/L	EPA 300.0	0.04	0.2	WKL	
MO-OJA	2018/19-1	Wet	11/22/2018 9:25:00 AM	11/29/2018 4:05:00 PM	Perchlorate	n/a	<	0.95	µg/L	EPA 314.0	0.95	2	WKL	
MO-OJA	2018/19-1	Wet	11/22/2018 9:25:00 AM	11/26/2018 10:00:00 PM	Sulfate	Total	=	19	mg/L	EPA 300.0	0.2	1	WKL	
MO-OJA	2018/19-1	Wet	11/22/2018 9:25:00 AM	11/26/2018 4:42:00 PM	Calcium	Total	=	60.6	mg/L	EPA 200.7	0.032	0.2	WKL	
MO-OJA	2018/19-1	Wet	11/22/2018 9:25:00 AM	11/26/2018 4:42:00 PM	Magnesium	Total	=	19	mg/L	EPA 200.7	0.024	0.2	WKL	
MO-OJA	2018/19-1	Wet	11/22/2018 9:25:00 AM	11/26/2018 4:42:00 PM	Potassium	Total	=	20	mg/L	EPA 200.7	0.16	0.2	WKL	
MO-OJA	2018/19-1	Wet	11/22/2018 9:25:00 AM	11/27/2018 1:40:00 PM	Sodium	Total	=	12	mg/L	EPA 200.7	0.03	1	WKL	
MO-OJA	2018/19-1	Wet	11/22/2018 9:25:00 AM	11/27/2018 4:05:00 PM	Alkalinity as CaCO3	n/a	=	110	mg/L	SM 2320 B	0.56	2	WKL	
MO-OJA	2018/19-1	Wet	11/22/2018 9:25:00 AM	11/28/2018 6:20:00 PM	BOD	n/a	=	59	mg/L	SM 5210 B	2	2	WKL	
MO-OJA	2018/19-1	Wet	11/22/2018 9:25:00 AM	11/27/2018 2:52:00 PM	COD	n/a	=	480	mg/L	EPA 410.4	0.73	5	WKL	
MO-OJA	2018/19-1	Wet	11/22/2018 9:25:00 AM	12/4/2018 2:24:00 PM	Dissolved Inorganic Carbon	Dissolved	=	20	mg/L	SM 5310 B	0.016	0.1	WKL	
MO-OJA	2018/19-1	Wet	11/22/2018 9:25:00 AM	12/3/2018 11:13:00 AM	Dissolved Inorganic Carbon	Dissolved	=	50	mg/L	SM 5310 B	0.013	0.3	WKL	
MO-OJA	2018/19-1	Wet	11/22/2018 9:25:00 AM	11/26/2018 4:42:00 PM	Hardness as CaCO3	Total	=	229	mg/L	EPA 200.7	0.179	1.32	WKL	
MO-OJA	2018/19-1	Wet	11/22/2018 9:25:00 AM	11/23/2018 6:32:00 PM	MBAS	n/a	=	0.37	mg/L	SM 5540 C	0.095	0.25	WKL	
MO-OJA	2018/19-1	Wet	11/22/2018 9:25:00 AM	12/4/2018 5:45:00 PM	Phenolics	n/a	=	0.25	mg/L	EPA 420.4	0.017	0.04	WKL	HB-LCSR
MO-OJA	2018/19-1	Wet	11/22/2018 9:25:00 AM	11/28/2018 6:35:00 PM	Specific Conductance	n/a	=	330	µmhos/cm	SM 2510 B	0.23	2	WKL	
MO-OJA	2018/19-1	Wet	11/22/2018 9:25:00 AM	11/27/2018 6:57:00 PM	Total Dissolved Solids	n/a	=	260	mg/L	SM 2540 C	4	10	WKL	
MO-OJA	2018/19-1	Wet	11/22/2018 9:25:00 AM	11/30/2018 12:03:00 PM	Total Organic Carbon	n/a	=	85	mg/L	SM 5310 B	0.016	0.1	WKL	
MO-OJA	2018/19-1	Wet	11/22/2018 9:25:00 AM	11/27/2018 2:15:00 PM	Total Suspended Solids	n/a	=	2400	mg/L	SM 2540 D	-88	5	WKL	
MO-OJA	2018/19-1	Wet	11/22/2018 9:25:00 AM	11/23/2018 6:35:00 PM	Turbidity	n/a	=	550	NTU	EPA 180.1	0.48	2	WKL	
MO-OJA	2018/19-1	Wet	11/22/2018 9:25:00 AM	11/27/2018 2:15:00 PM	Volatile Suspended Solids	n/a	=	300	mg/L	EPA 160.4	3.1	5	WKL	
MO-OJA	2018/19-1	Wet	11/22/2018 9:25:00 AM	11/30/2018 7:50:00 PM	Diesel Range Organics	n/a	DNQ	0.67	mg/L	EPA 8015D	0.24	1	WKL	UL-MB
MO-OJA	2018/19-1	Wet	11/22/2018 9:25:00 AM	11/30/2018 7:50:00 PM	Oil Range Organics	n/a	<	3.3	mg/L	EPA 8015D	3.3	5	WKL	
MO-OJA	2018/19-1	Wet	11/22/2018 9:25:00 AM	11/29/2018 1:50:00 PM	Aluminum	Dissolved	=	140	µg/L	EPA 200.8	1.3	5	WKL	
MO-OJA	2018/19-1	Wet	11/22/2018 9:25:00 AM	12/3/2018 6:13:00 PM	Aluminum	Total	=	31000	µg/L	EPA 200.8	26	100	WKL	
MO-OJA	2018/19-1	Wet	11/22/2018 9:25:00 AM	11/29/2018 1:50:00 PM	Antimony	Dissolved	=	0.55	µg/L	EPA 200.8	0.045	0.5	WKL	
MO-OJA	2018/19-1	Wet	11/22/2018 9:25:00 AM	11/29/2018 2:27:00 PM	Antimony	Total	=	1.4	µg/L	EPA 200.8	0.09	1	WKL	
MO-OJA	2018/19-1	Wet	11/22/2018 9:25:00 AM	11/29/2018 1:50:00 PM	Arsenic	Dissolved	=	1.8	µg/L	EPA 200.8	0.074	0.4	WKL	
MO-OJA	2018/19-1	Wet	11/22/2018 9:25:00 AM	11/29/2018 2:27:00 PM	Arsenic	Total	=	11	µg/L	EPA 200.8	0.15	0.8	WKL	
MO-OJA	2018/19-1	Wet	11/22/2018 9:25:00 AM	11/29/2018 2:27:00 PM	Barium	Total	=	570	µg/L	EPA 200.8	0.14	1	WKL	
MO-OJA	2018/19-1	Wet	11/22/2018 9:25:00 AM	11/29/2018 1:50:00 PM	Beryllium	Dissolved	<	0.033	µg/L	EPA 200.8	0.033	0.1	WKL	
MO-OJA	2018/19-1	Wet	11/22/2018 9:25:00 AM	11/29/2018 2:27:00 PM	Beryllium	Total	=	1.5	µg/L	EPA 200.8	0.066	0.2	WKL	
MO-OJA	2018/19-1	Wet	11/22/2018 9:25:00 AM	11/29/2018 1:50:00 PM	Cadmium	Dissolved	<	0.041	µg/L	EPA 200.8	0.041	0.1	WKL	
MO-OJA	2018/19-1	Wet	11/22/2018 9:25:00 AM	11/29/2018 2:27:00 PM	Cadmium	Total	=	0.96	µg/L	EPA 200.8	0.082	0.2	WKL	
MO-OJA	2018/19-1	Wet	11/22/2018 9:25:00 AM	11/29/2018 1:50:00 PM	Chromium	Dissolved	=	0.73	µg/L	EPA 200.8	0.035	0.2	WKL	
MO-OJA	2018/19-1	Wet	11/22/2018 9:25:00 AM	11/29/2018 2:27:00 PM	Chromium	Total	=	40	µg/L	EPA 200.8	0.07	0.4	WKL	
MO-OJA	2018/19-1	Wet	11/22/2018 9:25:00 AM	11/30/2018 10:24:00 PM	Chromium VI	n/a	<	0.096	µg/L	EPA 218.6	0.096	0.4	WKL	
MO-OJA	2018/19-1	Wet	11/22/2018 9:25:00 AM	11/29/2018 1:50:00 PM	Copper	Dissolved	=	16	µg/L	EPA 200.8	0.13	0.5	WKL	
MO-OJA	2018/19-1	Wet	11/22/2018 9:25:00 AM	11/29/2018 2:27:00 PM	Copper	Total	=	98	µg/L	EPA 200.8	0.26	1	WKL	
MO-OJA	2018/19-1	Wet	11/22/2018 9:25:00 AM	11/26/2018 4:05:00 PM	Iron	Dissolved	=	200	µg/L	EPA 200.7	1.1	10	WKL	
MO-OJA	2018/19-1	Wet	11/22/2018 9:25:00 AM	11/26/2018 4:42:00 PM	Iron	Total	=	46000	µg/L	EPA 200.7	2.2	20	WKL	
MO-OJA	2018/19-1	Wet	11/22/2018 9:25:00 AM	11/29/2018 1:50:00 PM	Lead	Dissolved	=	1.7	µg/L	EPA 200.8	0.031	0.2	WKL	
MO-OJA	2018/19-1	Wet	11/22/2018 9:25:00 AM	11/29/2018 2:27:00 PM	Lead	Total	=	50	µg/L	EPA 200.8	0.062	0.4	WKL	
MO-OJA	2018/19-1	Wet	11/22/2018 9:25:00 AM	11/28/2018 3:17:00 PM	Mercury	Dissolved	<	17	ng/L	EPA 245.1	17	50	WKL	
MO-OJA	2018/19-1	Wet	11/22/2018 9:25:00 AM	11/28/2018 3:19:00 PM	Mercury	Total	=	85	ng/L	EPA 245.1	17	50	WKL	
MO-OJA	2018/19-1	Wet	11/22/2018 9:25:00 AM	11/29/2018 1:50:00 PM	Nickel	Dissolved	=	5.1	µg/L	EPA 200.8	0.045	0.8	WKL	

Appendix G Laboratory Environmental Analysis Results

Site ID	Event	Event Type	Sample Date	Analysis Date	Constituent	Fraction	Sign	Result	Units	Method	MDL	Reporting Limit	Analyzing Laboratory	Qualifier
MO-OJA	2018/19-1	Wet	11/22/2018 9:25:00 AM	11/29/2018 2:27:00 PM	Nickel	Total	=	56	µg/L	EPA 200.8	0.09	1.6	WKL	
MO-OJA	2018/19-1	Wet	11/22/2018 9:25:00 AM	11/29/2018 1:50:00 PM	Selenium	Dissolved	DNQ	0.34	µg/L	EPA 200.8	0.14	0.4	WKL	
MO-OJA	2018/19-1	Wet	11/22/2018 9:25:00 AM	11/29/2018 2:27:00 PM	Selenium	Total	=	0.99	µg/L	EPA 200.8	0.28	0.8	WKL	
MO-OJA	2018/19-1	Wet	11/22/2018 9:25:00 AM	11/29/2018 1:50:00 PM	Silver	Dissolved	<	0.062	µg/L	EPA 200.8	0.062	0.2	WKL	
MO-OJA	2018/19-1	Wet	11/22/2018 9:25:00 AM	11/29/2018 2:27:00 PM	Silver	Total	=	0.52	µg/L	EPA 200.8	0.12	0.4	WKL	
MO-OJA	2018/19-1	Wet	11/22/2018 9:25:00 AM	11/29/2018 1:50:00 PM	Thallium	Dissolved	<	0.014	µg/L	EPA 200.8	0.014	0.2	WKL	
MO-OJA	2018/19-1	Wet	11/22/2018 9:25:00 AM	11/29/2018 2:27:00 PM	Thallium	Total	DNQ	0.34	µg/L	EPA 200.8	0.028	0.4	WKL	
MO-OJA	2018/19-1	Wet	11/22/2018 9:25:00 AM	11/29/2018 1:50:00 PM	Zinc	Dissolved	=	37	µg/L	EPA 200.8	0.94	5	WKL	
MO-OJA	2018/19-1	Wet	11/22/2018 9:25:00 AM	11/29/2018 2:27:00 PM	Zinc	Total	=	500	µg/L	EPA 200.8	1.9	10	WKL	
MO-OJA	2018/19-1	Wet	11/22/2018 9:25:00 AM	11/27/2018 4:38:00 PM	Ammonia as N	n/a	=	1.4	mg/L	EPA 350.1	0.048	0.1	WKL	
MO-OJA	2018/19-1	Wet	11/22/2018 9:25:00 AM	12/12/2018 6:04:00 PM	Nitrate + Nitrite as N	n/a	=	1.1	mg/L	EPA 353.2	0.083	0.2	WKL	
MO-OJA	2018/19-1	Wet	11/22/2018 9:25:00 AM	1/25/2019 2:19:00 PM	Phosphorus as P	Dissolved	=	0.98	mg/L	EPA 200.7	0.012	0.02	WKL	
MO-OJA	2018/19-1	Wet	11/22/2018 9:25:00 AM	1/25/2019 2:22:00 PM	Phosphorus as P	Total	=	3.2	mg/L	EPA 200.7	0.012	0.02	WKL	
MO-OJA	2018/19-1	Wet	11/22/2018 9:25:00 AM	11/29/2018 1:50:00 PM	TKN	n/a	=	5.1	mg/L	EPA 351.2	0.2	0.4	WKL	
MO-OJA	2018/19-1	Wet	11/22/2018 9:25:00 AM	12/28/2018 10:45:00 PM	1,2,4-Trichlorobenzene	n/a	<	2.8	µg/L	EPA 625	2.8	5	WKL	
MO-OJA	2018/19-1	Wet	11/22/2018 9:25:00 AM	12/28/2018 10:45:00 PM	1,2-Dichlorobenzene	n/a	<	2.8	µg/L	EPA 625	2.8	5	WKL	
MO-OJA	2018/19-1	Wet	11/22/2018 9:25:00 AM	12/28/2018 10:45:00 PM	1,2-Diphenylhydrazine	n/a	<	1.2	µg/L	EPA 625	1.2	5	WKL	
MO-OJA	2018/19-1	Wet	11/22/2018 9:25:00 AM	12/28/2018 10:45:00 PM	1,3-Dichlorobenzene	n/a	<	2.6	µg/L	EPA 625	2.6	5	WKL	
MO-OJA	2018/19-1	Wet	11/22/2018 9:25:00 AM	12/28/2018 10:45:00 PM	1,4-Dichlorobenzene	n/a	<	2.8	µg/L	EPA 625	2.8	5	WKL	
MO-OJA	2018/19-1	Wet	11/22/2018 9:25:00 AM	1/4/2019 5:04:00 AM	1-Methylnaphthalene	n/a	<	0.5	µg/L	EPA 8270C	0.5	0.5	WKL	
MO-OJA	2018/19-1	Wet	11/22/2018 9:25:00 AM	1/2/2019 7:26:00 PM	2,4,5-Trichlorophenol	n/a	<	1.4	µg/L	EPA 8270C	1.4	5	WKL	
MO-OJA	2018/19-1	Wet	11/22/2018 9:25:00 AM	12/28/2018 10:45:00 PM	2,4,6-Trichlorophenol	n/a	<	1.1	µg/L	EPA 625	1.1	5	WKL	
MO-OJA	2018/19-1	Wet	11/22/2018 9:25:00 AM	1/2/2019 7:26:00 PM	2,4,6-Trichlorophenol	n/a	<	1.5	µg/L	EPA 8270C	1.5	5	WKL	
MO-OJA	2018/19-1	Wet	11/22/2018 9:25:00 AM	12/28/2018 10:45:00 PM	2,4-Dichlorophenol	n/a	<	1.3	µg/L	EPA 625	1.3	5	WKL	
MO-OJA	2018/19-1	Wet	11/22/2018 9:25:00 AM	1/2/2019 7:26:00 PM	2,4-Dichlorophenol	n/a	<	2.6	µg/L	EPA 8270C	2.6	5	WKL	
MO-OJA	2018/19-1	Wet	11/22/2018 9:25:00 AM	12/28/2018 10:45:00 PM	2,4-Dimethylphenol	n/a	<	1.5	µg/L	EPA 625	1.5	5	WKL	
MO-OJA	2018/19-1	Wet	11/22/2018 9:25:00 AM	1/2/2019 7:26:00 PM	2,4-Dimethylphenol	n/a	<	5	µg/L	EPA 8270C	5	10	WKL	
MO-OJA	2018/19-1	Wet	11/22/2018 9:25:00 AM	12/28/2018 10:45:00 PM	2,4-Dinitrophenol	n/a	<	7.9	µg/L	EPA 625	7.9	50	WKL	
MO-OJA	2018/19-1	Wet	11/22/2018 9:25:00 AM	1/2/2019 7:26:00 PM	2,4-Dinitrophenol	n/a	<	5	µg/L	EPA 8270C	5	10	WKL	
MO-OJA	2018/19-1	Wet	11/22/2018 9:25:00 AM	12/28/2018 10:45:00 PM	2,4-Dinitrotoluene	n/a	<	0.9	µg/L	EPA 625	0.9	5	WKL	
MO-OJA	2018/19-1	Wet	11/22/2018 9:25:00 AM	12/28/2018 10:45:00 PM	2,6-Dinitrotoluene	n/a	<	1.4	µg/L	EPA 625	1.4	5	WKL	
MO-OJA	2018/19-1	Wet	11/22/2018 9:25:00 AM	12/28/2018 10:45:00 PM	2-Chloronaphthalene	n/a	<	2.2	µg/L	EPA 625	2.2	5	WKL	
MO-OJA	2018/19-1	Wet	11/22/2018 9:25:00 AM	1/2/2019 7:26:00 PM	2-Chlorophenol	n/a	<	3.2	µg/L	EPA 8270C	3.2	5	WKL	
MO-OJA	2018/19-1	Wet	11/22/2018 9:25:00 AM	12/28/2018 10:45:00 PM	2-Chlorophenol	n/a	<	1.4	µg/L	EPA 625	1.4	5	WKL	
MO-OJA	2018/19-1	Wet	11/22/2018 9:25:00 AM	1/4/2019 5:04:00 AM	2-Methylnaphthalene	n/a	<	0.5	µg/L	EPA 8270C	0.5	0.5	WKL	
MO-OJA	2018/19-1	Wet	11/22/2018 9:25:00 AM	1/2/2019 7:26:00 PM	2-Methylphenol	n/a	<	1.7	µg/L	EPA 8270C	1.7	5	WKL	
MO-OJA	2018/19-1	Wet	11/22/2018 9:25:00 AM	12/28/2018 10:45:00 PM	2-Nitrophenol	n/a	<	1.3	µg/L	EPA 625	1.3	5	WKL	
MO-OJA	2018/19-1	Wet	11/22/2018 9:25:00 AM	1/2/2019 7:26:00 PM	2-Nitrophenol	n/a	<	3.6	µg/L	EPA 8270C	3.6	5	WKL	
MO-OJA	2018/19-1	Wet	11/22/2018 9:25:00 AM	12/28/2018 10:45:00 PM	3,3'-Dichlorobenzidine	n/a	<	6	µg/L	EPA 625	6	25	WKL	
MO-OJA	2018/19-1	Wet	11/22/2018 9:25:00 AM	1/2/2019 7:26:00 PM	3-/4-Methylphenol	n/a	<	1.5	µg/L	EPA 8270C	1.5	5	WKL	
MO-OJA	2018/19-1	Wet	11/22/2018 9:25:00 AM	12/28/2018 10:45:00 PM	4,6-Dinitro-2-methylphenol	n/a	<	8.6	µg/L	EPA 625	8.6	25	WKL	
MO-OJA	2018/19-1	Wet	11/22/2018 9:25:00 AM	1/2/2019 7:26:00 PM	4,6-Dinitro-2-methylphenol	n/a	<	0.7	µg/L	EPA 8270C	0.7	5	WKL	
MO-OJA	2018/19-1	Wet	11/22/2018 9:25:00 AM	12/28/2018 10:45:00 PM	4-Bromophenyl phenyl ether	n/a	<	1.8	µg/L	EPA 625	1.8	5	WKL	
MO-OJA	2018/19-1	Wet	11/22/2018 9:25:00 AM	12/28/2018 10:45:00 PM	4-Chloro-3-methylphenol	n/a	<	1.2	µg/L	EPA 625	1.2	5	WKL	
MO-OJA	2018/19-1	Wet	11/22/2018 9:25:00 AM	1/2/2019 7:26:00 PM	4-Chloro-3-methylphenol	n/a	<	1.8	µg/L	EPA 8270C	1.8	5	WKL	
MO-OJA	2018/19-1	Wet	11/22/2018 9:25:00 AM	12/28/2018 10:45:00 PM	4-Chlorophenyl phenyl ether	n/a	<	2	µg/L	EPA 625	2	5	WKL	
MO-OJA	2018/19-1	Wet	11/22/2018 9:25:00 AM	12/28/2018 10:45:00 PM	4-Nitrophenol	n/a	<	2.2	µg/L	EPA 625	2.2	25	WKL	
MO-OJA	2018/19-1	Wet	11/22/2018 9:25:00 AM	1/2/2019 7:26:00 PM	4-Nitrophenol	n/a	<	5	µg/L	EPA 8270C	5	10	WKL	

Appendix G
Laboratory Environmental Analysis Results

Site ID	Event	Event Type	Sample Date	Analysis Date	Constituent	Fraction	Sign	Result	Units	Method	MDL	Reporting Limit	Analyzing Laboratory	Qualifier
MO-OJA	2018/19-1	Wet	11/22/2018 9:25:00 AM	12/28/2018 10:45:00 PM	Acenaphthene	n/a	<	1.9	µg/L	EPA 625	1.9	5	WKL	
MO-OJA	2018/19-1	Wet	11/22/2018 9:25:00 AM	1/4/2019 5:04:00 AM	Acenaphthene	n/a	<	0.5	µg/L	EPA 8270C	0.5	0.5	WKL	
MO-OJA	2018/19-1	Wet	11/22/2018 9:25:00 AM	12/28/2018 10:45:00 PM	Acenaphthylene	n/a	<	2	µg/L	EPA 625	2	5	WKL	
MO-OJA	2018/19-1	Wet	11/22/2018 9:25:00 AM	1/4/2019 5:04:00 AM	Acenaphthylene	n/a	<	0.5	µg/L	EPA 8270C	0.5	0.5	WKL	
MO-OJA	2018/19-1	Wet	11/22/2018 9:25:00 AM	12/28/2018 10:45:00 PM	Anthracene	n/a	<	1.7	µg/L	EPA 625	1.7	5	WKL	
MO-OJA	2018/19-1	Wet	11/22/2018 9:25:00 AM	1/4/2019 5:04:00 AM	Anthracene	n/a	<	0.5	µg/L	EPA 8270C	0.5	0.5	WKL	
MO-OJA	2018/19-1	Wet	11/22/2018 9:25:00 AM	1/4/2019 5:04:00 AM	Benz(a)anthracene	n/a	<	0.5	µg/L	EPA 8270C	0.5	0.5	WKL	
MO-OJA	2018/19-1	Wet	11/22/2018 9:25:00 AM	12/28/2018 10:45:00 PM	Benz(a)anthracene	n/a	<	0.95	µg/L	EPA 625	0.95	5	WKL	
MO-OJA	2018/19-1	Wet	11/22/2018 9:25:00 AM	12/28/2018 10:45:00 PM	Benzenzidine	n/a	<	18	µg/L	EPA 625	18	50	WKL	
MO-OJA	2018/19-1	Wet	11/22/2018 9:25:00 AM	12/14/2018 4:17:00 AM	Benzo(a)pyrene	n/a	<	0.07	µg/L	EPA 525.2	0.07	0.1	WKL	
MO-OJA	2018/19-1	Wet	11/22/2018 9:25:00 AM	12/28/2018 10:45:00 PM	Benzo(a)pyrene	n/a	<	0.65	µg/L	EPA 625	0.65	5	WKL	
MO-OJA	2018/19-1	Wet	11/22/2018 9:25:00 AM	1/4/2019 5:04:00 AM	Benzo(a)pyrene	n/a	<	0.5	µg/L	EPA 8270C	0.5	0.5	WKL	
MO-OJA	2018/19-1	Wet	11/22/2018 9:25:00 AM	12/28/2018 10:45:00 PM	Benzo(b)fluoranthene	n/a	<	0.7	µg/L	EPA 625	0.7	5	WKL	
MO-OJA	2018/19-1	Wet	11/22/2018 9:25:00 AM	1/4/2019 5:04:00 AM	Benzo(b)fluoranthene	n/a	<	0.5	µg/L	EPA 8270C	0.5	0.5	WKL	
MO-OJA	2018/19-1	Wet	11/22/2018 9:25:00 AM	1/4/2019 5:04:00 AM	Benzo(g,h,i)perylene	n/a	<	0.5	µg/L	EPA 8270C	0.5	0.5	WKL	
MO-OJA	2018/19-1	Wet	11/22/2018 9:25:00 AM	12/28/2018 10:45:00 PM	Benzo(g,h,i)perylene	n/a	<	0.5	µg/L	EPA 625	0.5	10	WKL	
MO-OJA	2018/19-1	Wet	11/22/2018 9:25:00 AM	12/28/2018 10:45:00 PM	Benzo(k)fluoranthene	n/a	<	1.1	µg/L	EPA 625	1.1	5	WKL	
MO-OJA	2018/19-1	Wet	11/22/2018 9:25:00 AM	1/4/2019 5:04:00 AM	Benzo(k)fluoranthene	n/a	<	0.5	µg/L	EPA 8270C	0.5	0.5	WKL	
MO-OJA	2018/19-1	Wet	11/22/2018 9:25:00 AM	12/28/2018 10:45:00 PM	Bis(2-chloroethoxy)methane	n/a	<	1.2	µg/L	EPA 625	1.2	5	WKL	
MO-OJA	2018/19-1	Wet	11/22/2018 9:25:00 AM	12/28/2018 10:45:00 PM	Bis(2-chloroethyl)ether	n/a	<	1.4	µg/L	EPA 625	1.4	5	WKL	
MO-OJA	2018/19-1	Wet	11/22/2018 9:25:00 AM	12/28/2018 10:45:00 PM	Bis(2-chloroisopropyl)ether	n/a	<	1.9	µg/L	EPA 625	1.9	5	WKL	
MO-OJA	2018/19-1	Wet	11/22/2018 9:25:00 AM	12/14/2018 4:17:00 AM	Bis(2-ethylhexyl)adipate	n/a	<	0.1	µg/L	EPA 525.2	0.1	5	WKL	
MO-OJA	2018/19-1	Wet	11/22/2018 9:25:00 AM	12/14/2018 4:17:00 AM	Bis(2-ethylhexyl)phthalate	n/a	<	1.1	µg/L	EPA 525.2	1.1	3	WKL	
MO-OJA	2018/19-1	Wet	11/22/2018 9:25:00 AM	12/28/2018 10:45:00 PM	Bis(2-ethylhexyl)phthalate	n/a	<	12	µg/L	EPA 625	12	25	WKL	
MO-OJA	2018/19-1	Wet	11/22/2018 9:25:00 AM	12/28/2018 10:45:00 PM	Butyl benzyl phthalate	n/a	DNQ	2.6	µg/L	EPA 625	0.9	5	WKL	UL-MB
MO-OJA	2018/19-1	Wet	11/22/2018 9:25:00 AM	12/28/2018 10:45:00 PM	Chrysene	n/a	<	0.95	µg/L	EPA 625	0.95	5	WKL	
MO-OJA	2018/19-1	Wet	11/22/2018 9:25:00 AM	1/4/2019 5:04:00 AM	Chrysene	n/a	<	0.5	µg/L	EPA 8270C	0.5	0.5	WKL	
MO-OJA	2018/19-1	Wet	11/22/2018 9:25:00 AM	1/4/2019 5:04:00 AM	Dibenz(a,h)anthracene	n/a	<	0.5	µg/L	EPA 8270C	0.5	0.5	WKL	
MO-OJA	2018/19-1	Wet	11/22/2018 9:25:00 AM	12/28/2018 10:45:00 PM	Dibenz(a,h)anthracene	n/a	<	0.4	µg/L	EPA 625	0.4	10	WKL	
MO-OJA	2018/19-1	Wet	11/22/2018 9:25:00 AM	12/28/2018 10:45:00 PM	Diethyl phthalate	n/a	DNQ	0.79	µg/L	EPA 625	0.75	5	WKL	
MO-OJA	2018/19-1	Wet	11/22/2018 9:25:00 AM	12/28/2018 10:45:00 PM	Dimethyl phthalate	n/a	<	0.9	µg/L	EPA 625	0.9	5	WKL	
MO-OJA	2018/19-1	Wet	11/22/2018 9:25:00 AM	12/28/2018 10:45:00 PM	Di-n-butylphthalate	n/a	DNQ	2.8	µg/L	EPA 625	1.2	5	WKL	
MO-OJA	2018/19-1	Wet	11/22/2018 9:25:00 AM	12/28/2018 10:45:00 PM	Di-n-octylphthalate	n/a	<	0.95	µg/L	EPA 625	0.95	5	WKL	
MO-OJA	2018/19-1	Wet	11/22/2018 9:25:00 AM	12/28/2018 10:45:00 PM	Fluoranthene	n/a	<	1.1	µg/L	EPA 625	1.1	5	WKL	
MO-OJA	2018/19-1	Wet	11/22/2018 9:25:00 AM	1/4/2019 5:04:00 AM	Fluoranthene	n/a	<	0.5	µg/L	EPA 8270C	0.5	0.5	WKL	
MO-OJA	2018/19-1	Wet	11/22/2018 9:25:00 AM	1/4/2019 5:04:00 AM	Fluorene	n/a	<	0.5	µg/L	EPA 8270C	0.5	0.5	WKL	
MO-OJA	2018/19-1	Wet	11/22/2018 9:25:00 AM	12/28/2018 10:45:00 PM	Fluorene	n/a	<	1.8	µg/L	EPA 625	1.8	5	WKL	
MO-OJA	2018/19-1	Wet	11/22/2018 9:25:00 AM	12/28/2018 10:45:00 PM	Hexachlorobenzene	n/a	<	2.4	µg/L	EPA 625	2.4	5	WKL	
MO-OJA	2018/19-1	Wet	11/22/2018 9:25:00 AM	12/28/2018 10:45:00 PM	Hexachlorobutadiene	n/a	<	2.4	µg/L	EPA 625	2.4	5	WKL	
MO-OJA	2018/19-1	Wet	11/22/2018 9:25:00 AM	12/28/2018 10:45:00 PM	Hexachlorocyclopentadiene	n/a	<	7.3	µg/L	EPA 625	7.3	25	WKL	
MO-OJA	2018/19-1	Wet	11/22/2018 9:25:00 AM	12/28/2018 10:45:00 PM	Hexachloroethane	n/a	<	2.6	µg/L	EPA 625	2.6	5	WKL	
MO-OJA	2018/19-1	Wet	11/22/2018 9:25:00 AM	12/28/2018 10:45:00 PM	Indeno(1,2,3-cd)pyrene	n/a	<	0.6	µg/L	EPA 625	0.6	10	WKL	
MO-OJA	2018/19-1	Wet	11/22/2018 9:25:00 AM	1/4/2019 5:04:00 AM	Indeno(1,2,3-cd)pyrene	n/a	<	0.5	µg/L	EPA 8270C	0.5	0.5	WKL	
MO-OJA	2018/19-1	Wet	11/22/2018 9:25:00 AM	12/28/2018 10:45:00 PM	Isophorone	n/a	<	1	µg/L	EPA 625	1	5	WKL	
MO-OJA	2018/19-1	Wet	11/22/2018 9:25:00 AM	1/4/2019 5:04:00 AM	Naphthalene	n/a	<	0.5	µg/L	EPA 8270C	0.5	0.5	WKL	
MO-OJA	2018/19-1	Wet	11/22/2018 9:25:00 AM	12/28/2018 10:45:00 PM	Naphthalene	n/a	<	2.4	µg/L	EPA 625	2.4	5	WKL	
MO-OJA	2018/19-1	Wet	11/22/2018 9:25:00 AM	12/28/2018 10:45:00 PM	Nitrobenzene	n/a	<	1.8	µg/L	EPA 625	1.8	5	WKL	
MO-OJA	2018/19-1	Wet	11/22/2018 9:25:00 AM	12/28/2018 10:45:00 PM	N-Nitrosodimethylamine	n/a	<	0.7	µg/L	EPA 625	0.7	5	WKL	

Appendix G
Laboratory Environmental Analysis Results

Site ID	Event	Event Type	Sample Date	Analysis Date	Constituent	Fraction	Sign	Result	Units	Method	MDL	Reporting Limit	Analyzing Laboratory	Qualifier
MO-OJA	2018/19-1	Wet	11/22/2018 9:25:00 AM	12/28/2018 10:45:00 PM	N-Nitrosodi-N-propylamine	n/a	<	1.3	µg/L	EPA 625	1.3	5	WKL	
MO-OJA	2018/19-1	Wet	11/22/2018 9:25:00 AM	12/28/2018 10:45:00 PM	N-Nitrosodiphenylamine	n/a	<	0.95	µg/L	EPA 625	0.95	5	WKL	
MO-OJA	2018/19-1	Wet	11/22/2018 9:25:00 AM	12/28/2018 10:45:00 PM	Phenanthrene	n/a	<	1.6	µg/L	EPA 625	1.6	5	WKL	
MO-OJA	2018/19-1	Wet	11/22/2018 9:25:00 AM	1/4/2019 5:04:00 AM	Phenanthrene	n/a	<	0.5	µg/L	EPA 8270C	0.5	0.5	WKL	
MO-OJA	2018/19-1	Wet	11/22/2018 9:25:00 AM	12/28/2018 10:45:00 PM	Phenol	n/a	<	0.8	µg/L	EPA 625	0.8	5	WKL	
MO-OJA	2018/19-1	Wet	11/22/2018 9:25:00 AM	1/2/2019 7:26:00 PM	Phenol	n/a	<	1.8	µg/L	EPA 8270C	1.8	5	WKL	
MO-OJA	2018/19-1	Wet	11/22/2018 9:25:00 AM	1/4/2019 5:04:00 AM	Pyrene	n/a	<	0.5	µg/L	EPA 8270C	0.5	0.5	WKL	
MO-OJA	2018/19-1	Wet	11/22/2018 9:25:00 AM	12/28/2018 10:45:00 PM	Pyrene	n/a	<	1.2	µg/L	EPA 625	1.2	5	WKL	
MO-OJA	2018/19-1	Wet	11/22/2018 9:25:00 AM	12/20/2018 1:10:00 AM	PCB Aroclor 1016	n/a	<	0.25	µg/L	EPA 608	0.25	2.5	WKL	
MO-OJA	2018/19-1	Wet	11/22/2018 9:25:00 AM	12/20/2018 1:10:00 AM	PCB Aroclor 1221	n/a	<	0.3	µg/L	EPA 608	0.3	2.5	WKL	
MO-OJA	2018/19-1	Wet	11/22/2018 9:25:00 AM	12/20/2018 1:10:00 AM	PCB Aroclor 1232	n/a	<	0.75	µg/L	EPA 608	0.75	2.5	WKL	
MO-OJA	2018/19-1	Wet	11/22/2018 9:25:00 AM	12/20/2018 1:10:00 AM	PCB Aroclor 1242	n/a	<	0.35	µg/L	EPA 608	0.35	2.5	WKL	
MO-OJA	2018/19-1	Wet	11/22/2018 9:25:00 AM	12/20/2018 1:10:00 AM	PCB Aroclor 1248	n/a	<	0.3	µg/L	EPA 608	0.3	2.5	WKL	
MO-OJA	2018/19-1	Wet	11/22/2018 9:25:00 AM	12/20/2018 1:10:00 AM	PCB Aroclor 1254	n/a	<	0.2	µg/L	EPA 608	0.2	2.5	WKL	
MO-OJA	2018/19-1	Wet	11/22/2018 9:25:00 AM	12/20/2018 1:10:00 AM	PCB Aroclor 1260	n/a	<	0.2	µg/L	EPA 608	0.2	2.5	WKL	
MO-OJA	2018/19-1	Wet	11/22/2018 9:25:00 AM	12/15/2018 2:47:00 AM	2,4,5-T	n/a	<	0.07	µg/L	EPA 515.3	0.07	0.2	WKL	
MO-OJA	2018/19-1	Wet	11/22/2018 9:25:00 AM	12/15/2018 2:47:00 AM	2,4,5-TP	n/a	<	0.09	µg/L	EPA 515.3	0.09	0.2	WKL	
MO-OJA	2018/19-1	Wet	11/22/2018 9:25:00 AM	12/15/2018 2:47:00 AM	2,4-D	n/a	<	0.07	µg/L	EPA 515.3	0.07	0.4	WKL	
MO-OJA	2018/19-1	Wet	11/22/2018 9:25:00 AM	12/15/2018 2:47:00 AM	2,4-DB	n/a	<	4	µg/L	EPA 515.3	4	4	WKL	
MO-OJA	2018/19-1	Wet	11/22/2018 9:25:00 AM	12/15/2018 2:47:00 AM	3,5-Dichlorobenzoic acid	n/a	<	0.09	µg/L	EPA 515.3	0.09	1	WKL	
MO-OJA	2018/19-1	Wet	11/22/2018 9:25:00 AM	12/20/2018 1:10:00 AM	4,4'-DDD	n/a	<	0.015	µg/L	EPA 608	0.015	0.25	WKL	
MO-OJA	2018/19-1	Wet	11/22/2018 9:25:00 AM	12/20/2018 1:10:00 AM	4,4'-DDE	n/a	<	0.012	µg/L	EPA 608	0.012	0.25	WKL	
MO-OJA	2018/19-1	Wet	11/22/2018 9:25:00 AM	12/20/2018 1:10:00 AM	4,4'-DDT	n/a	<	0.016	µg/L	EPA 608	0.016	0.05	WKL	
MO-OJA	2018/19-1	Wet	11/22/2018 9:25:00 AM	12/15/2018 2:47:00 AM	Acifluorfen	n/a	<	0.06	µg/L	EPA 515.3	0.06	0.4	WKL	
MO-OJA	2018/19-1	Wet	11/22/2018 9:25:00 AM	12/14/2018 4:17:00 AM	Alachlor	n/a	<	0.022	µg/L	EPA 525.2	0.022	0.1	WKL	
MO-OJA	2018/19-1	Wet	11/22/2018 9:25:00 AM	12/20/2018 1:10:00 AM	Aldrin	n/a	<	0.0075	µg/L	EPA 608	0.0075	0.025	WKL	
MO-OJA	2018/19-1	Wet	11/22/2018 9:25:00 AM	12/20/2018 1:10:00 AM	alpha-BHC	n/a	<	0.009	µg/L	EPA 608	0.009	0.05	WKL	
MO-OJA	2018/19-1	Wet	11/22/2018 9:25:00 AM	12/20/2018 1:10:00 AM	alpha-Chlordane	n/a	<	0.02	µg/L	EPA 608	0.02	0.05	WKL	
MO-OJA	2018/19-1	Wet	11/22/2018 9:25:00 AM	12/14/2018 4:17:00 AM	Atrazine	n/a	<	0.034	µg/L	EPA 525.2	0.034	0.1	WKL	
MO-OJA	2018/19-1	Wet	11/22/2018 9:25:00 AM	12/12/2018 6:03:00 AM	Azinphos methyl	n/a	<	0.011	µg/L	EPA 525.2m	0.011	0.02	WKL	
MO-OJA	2018/19-1	Wet	11/22/2018 9:25:00 AM	12/15/2018 2:47:00 AM	Bentazon	n/a	<	0.11	µg/L	EPA 515.3	0.11	2	WKL	
MO-OJA	2018/19-1	Wet	11/22/2018 9:25:00 AM	12/20/2018 1:10:00 AM	beta-BHC	n/a	<	0.016	µg/L	EPA 608	0.016	0.025	WKL	
MO-OJA	2018/19-1	Wet	11/22/2018 9:25:00 AM	12/12/2018 6:03:00 AM	Bolstar	n/a	<	0.0092	µg/L	EPA 525.2m	0.0092	0.02	WKL	
MO-OJA	2018/19-1	Wet	11/22/2018 9:25:00 AM	12/14/2018 4:17:00 AM	Bromacil	n/a	<	0.038	µg/L	EPA 525.2	0.038	1	WKL	
MO-OJA	2018/19-1	Wet	11/22/2018 9:25:00 AM	12/14/2018 4:17:00 AM	Butachlor	n/a	<	0.017	µg/L	EPA 525.2	0.017	0.2	WKL	
MO-OJA	2018/19-1	Wet	11/22/2018 9:25:00 AM	12/14/2018 4:17:00 AM	Captan	n/a	<	0.86	µg/L	EPA 525.2	0.86	1	WKL	
MO-OJA	2018/19-1	Wet	11/22/2018 9:25:00 AM	12/20/2018 1:10:00 AM	Chlordane (technical)	n/a	<	0.4	µg/L	EPA 608	0.4	0.5	WKL	
MO-OJA	2018/19-1	Wet	11/22/2018 9:25:00 AM	12/14/2018 4:17:00 AM	Chlorpropham	n/a	<	0.01	µg/L	EPA 525.2	0.01	0.1	WKL	
MO-OJA	2018/19-1	Wet	11/22/2018 9:25:00 AM	12/12/2018 6:03:00 AM	Chlorpyrifos	n/a	<	0.014	µg/L	EPA 525.2m	0.014	0.02	WKL	
MO-OJA	2018/19-1	Wet	11/22/2018 9:25:00 AM	12/12/2018 6:03:00 AM	Coumaphos	n/a	<	0.01	µg/L	EPA 525.2m	0.01	0.02	WKL	
MO-OJA	2018/19-1	Wet	11/22/2018 9:25:00 AM	12/14/2018 4:17:00 AM	Cyanazine	n/a	<	0.024	µg/L	EPA 525.2	0.024	0.1	WKL	
MO-OJA	2018/19-1	Wet	11/22/2018 9:25:00 AM	12/15/2018 2:47:00 AM	Dalapon	n/a	<	0.1	µg/L	EPA 515.3	0.1	0.4	WKL	
MO-OJA	2018/19-1	Wet	11/22/2018 9:25:00 AM	12/15/2018 2:47:00 AM	DCEPA (Dacthal)	n/a	<	0.07	µg/L	EPA 515.3	0.07	0.1	WKL	
MO-OJA	2018/19-1	Wet	11/22/2018 9:25:00 AM	12/20/2018 1:10:00 AM	delta-BHC	n/a	<	0.012	µg/L	EPA 608	0.012	0.025	WKL	
MO-OJA	2018/19-1	Wet	11/22/2018 9:25:00 AM	12/12/2018 6:03:00 AM	Demeton-O	n/a	<	0.02	µg/L	EPA 525.2m	0.02	0.02	WKL	
MO-OJA	2018/19-1	Wet	11/22/2018 9:25:00 AM	12/12/2018 6:03:00 AM	Demeton-S	n/a	<	0.02	µg/L	EPA 525.2m	0.02	0.02	WKL	
MO-OJA	2018/19-1	Wet	11/22/2018 9:25:00 AM	12/14/2018 4:17:00 AM	Diazinon	n/a	<	0.096	µg/L	EPA 525.2	0.096	0.1	WKL	
MO-OJA	2018/19-1	Wet	11/22/2018 9:25:00 AM	12/12/2018 6:03:00 AM	Diazinon	n/a	<	0.01	µg/L	EPA 525.2m	0.01	0.02	WKL	

Appendix G
Laboratory Environmental Analysis Results

Site ID	Event	Event Type	Sample Date	Analysis Date	Constituent	Fraction	Sign	Result	Units	Method	MDL	Reporting Limit	Analyzing Laboratory	Qualifier
MO-OJA	2018/19-1	Wet	11/22/2018 9:25:00 AM	12/15/2018 2:47:00 AM	Dicamba	n/a	<	0.12	µg/L	EPA 515.3	0.12	0.6	WKL	
MO-OJA	2018/19-1	Wet	11/22/2018 9:25:00 AM	12/15/2018 2:47:00 AM	Dichlorprop	n/a	<	0.08	µg/L	EPA 515.3	0.08	0.3	WKL	
MO-OJA	2018/19-1	Wet	11/22/2018 9:25:00 AM	12/12/2018 6:03:00 AM	Dichlorvos	n/a	<	0.0058	µg/L	EPA 525.2m	0.0058	0.02	WKL	
MO-OJA	2018/19-1	Wet	11/22/2018 9:25:00 AM	12/20/2018 1:10:00 AM	Dieldrin	n/a	<	0.01	µg/L	EPA 608	0.01	0.05	WKL	
MO-OJA	2018/19-1	Wet	11/22/2018 9:25:00 AM	12/14/2018 4:17:00 AM	Dimethoate	n/a	<	0.024	µg/L	EPA 525.2	0.024	0.2	WKL	
MO-OJA	2018/19-1	Wet	11/22/2018 9:25:00 AM	12/12/2018 6:03:00 AM	Dimethoate	n/a	<	0.012	µg/L	EPA 525.2m	0.012	0.02	WKL	
MO-OJA	2018/19-1	Wet	11/22/2018 9:25:00 AM	12/15/2018 2:47:00 AM	Dinoseb	n/a	<	0.14	µg/L	EPA 515.3	0.14	0.4	WKL	
MO-OJA	2018/19-1	Wet	11/22/2018 9:25:00 AM	12/14/2018 4:17:00 AM	Diphenamid	n/a	<	0.024	µg/L	EPA 525.2	0.024	0.1	WKL	
MO-OJA	2018/19-1	Wet	11/22/2018 9:25:00 AM	12/14/2018 4:17:00 AM	Disulfoton	n/a	<	0.031	µg/L	EPA 525.2	0.031	0.1	WKL	
MO-OJA	2018/19-1	Wet	11/22/2018 9:25:00 AM	12/12/2018 6:03:00 AM	Disulfoton	n/a	<	0.02	µg/L	EPA 525.2m	0.02	0.02	WKL	
MO-OJA	2018/19-1	Wet	11/22/2018 9:25:00 AM	12/20/2018 1:10:00 AM	Endosulfan I	n/a	<	0.0085	µg/L	EPA 608	0.0085	0.1	WKL	
MO-OJA	2018/19-1	Wet	11/22/2018 9:25:00 AM	12/20/2018 1:10:00 AM	Endosulfan II	n/a	<	0.0095	µg/L	EPA 608	0.0095	0.05	WKL	
MO-OJA	2018/19-1	Wet	11/22/2018 9:25:00 AM	12/20/2018 1:10:00 AM	Endosulfan sulfate	n/a	<	0.04	µg/L	EPA 608	0.04	0.25	WKL	
MO-OJA	2018/19-1	Wet	11/22/2018 9:25:00 AM	12/20/2018 1:10:00 AM	Endrin	n/a	<	0.014	µg/L	EPA 608	0.014	0.05	WKL	
MO-OJA	2018/19-1	Wet	11/22/2018 9:25:00 AM	12/20/2018 1:10:00 AM	Endrin aldehyde	n/a	<	0.015	µg/L	EPA 608	0.015	0.05	WKL	
MO-OJA	2018/19-1	Wet	11/22/2018 9:25:00 AM	12/14/2018 4:17:00 AM	EPTC	n/a	<	0.017	µg/L	EPA 525.2	0.017	1	WKL	
MO-OJA	2018/19-1	Wet	11/22/2018 9:25:00 AM	12/12/2018 6:03:00 AM	Ethoprop	n/a	<	0.013	µg/L	EPA 525.2m	0.013	0.02	WKL	
MO-OJA	2018/19-1	Wet	11/22/2018 9:25:00 AM	12/12/2018 9:25:00 AM	Ethyl parathion	n/a	<	0.011	µg/L	EPA 525.2m	0.011	0.02	WKL	
MO-OJA	2018/19-1	Wet	11/22/2018 9:25:00 AM	12/12/2018 6:03:00 AM	Fensulfothion	n/a	<	0.0058	µg/L	EPA 525.2m	0.0058	0.02	WKL	
MO-OJA	2018/19-1	Wet	11/22/2018 9:25:00 AM	12/12/2018 6:03:00 AM	Fenthion	n/a	<	0.0076	µg/L	EPA 525.2m	0.0076	0.02	WKL	
MO-OJA	2018/19-1	Wet	11/22/2018 9:25:00 AM	12/20/2018 1:10:00 AM	gamma-BHC (Lindane)	n/a	<	0.01	µg/L	EPA 608	0.01	0.1	WKL	
MO-OJA	2018/19-1	Wet	11/22/2018 9:25:00 AM	12/20/2018 1:10:00 AM	gamma-Chlordane	n/a	<	0.022	µg/L	EPA 608	0.022	0.05	WKL	
MO-OJA	2018/19-1	Wet	11/22/2018 9:25:00 AM	11/28/2018 11:59:00 PM	Glyphosate	n/a	DNQ	43	µg/L	EPA 547	18	50	WKL	
MO-OJA	2018/19-1	Wet	11/22/2018 9:25:00 AM	12/20/2018 1:10:00 AM	Heptachlor	n/a	<	0.0085	µg/L	EPA 608	0.0085	0.05	WKL	
MO-OJA	2018/19-1	Wet	11/22/2018 9:25:00 AM	12/20/2018 1:10:00 AM	Heptachlor epoxide	n/a	<	0.0095	µg/L	EPA 608	0.0095	0.05	WKL	
MO-OJA	2018/19-1	Wet	11/22/2018 9:25:00 AM	12/12/2018 6:03:00 AM	Malathion	n/a	=	0.06	µg/L	EPA 525.2m	0.015	0.02	WKL	
MO-OJA	2018/19-1	Wet	11/22/2018 9:25:00 AM	12/12/2018 6:03:00 AM	Merphos	n/a	<	0.012	µg/L	EPA 525.2m	0.012	0.02	WKL	
MO-OJA	2018/19-1	Wet	11/22/2018 9:25:00 AM	12/20/2018 1:10:00 AM	Methoxychlor	n/a	<	0.027	µg/L	EPA 608	0.027	0.1	WKL	
MO-OJA	2018/19-1	Wet	11/22/2018 9:25:00 AM	12/12/2018 6:03:00 AM	Methyl parathion	n/a	<	0.013	µg/L	EPA 525.2m	0.013	0.02	WKL	
MO-OJA	2018/19-1	Wet	11/22/2018 9:25:00 AM	12/14/2018 4:17:00 AM	Metolachlor	n/a	<	0.012	µg/L	EPA 525.2	0.012	0.1	WKL	
MO-OJA	2018/19-1	Wet	11/22/2018 9:25:00 AM	12/14/2018 4:17:00 AM	Metribuzin	n/a	<	0.015	µg/L	EPA 525.2	0.015	0.1	WKL	
MO-OJA	2018/19-1	Wet	11/22/2018 9:25:00 AM	12/12/2018 6:03:00 AM	Mevinphos	n/a	<	0.0084	µg/L	EPA 525.2m	0.0084	0.02	WKL	
MO-OJA	2018/19-1	Wet	11/22/2018 9:25:00 AM	12/14/2018 4:17:00 AM	Molinate	n/a	<	0.039	µg/L	EPA 525.2	0.039	0.1	WKL	
MO-OJA	2018/19-1	Wet	11/22/2018 9:25:00 AM	12/12/2018 6:03:00 AM	Naled	n/a	<	0.015	µg/L	EPA 525.2m	0.015	0.02	WKL	
MO-OJA	2018/19-1	Wet	11/22/2018 9:25:00 AM	1/2/2019 7:26:00 PM	Pentachlorophenol	n/a	=	5.1	µg/L	EPA 8270C	0.75	5	WKL	
MO-OJA	2018/19-1	Wet	11/22/2018 9:25:00 AM	12/15/2018 2:47:00 AM	Pentachlorophenol	n/a	=	0.49	µg/L	EPA 515.3	0.04	0.2	WKL	
MO-OJA	2018/19-1	Wet	11/22/2018 9:25:00 AM	12/28/2018 10:45:00 PM	Pentachlorophenol	n/a	DNQ	2.9	µg/L	EPA 625	0.95	5	WKL	
MO-OJA	2018/19-1	Wet	11/22/2018 9:25:00 AM	12/12/2018 6:03:00 AM	Phorate	n/a	<	0.006	µg/L	EPA 525.2m	0.006	0.02	WKL	
MO-OJA	2018/19-1	Wet	11/22/2018 9:25:00 AM	12/15/2018 2:47:00 AM	Picloram	n/a	<	0.05	µg/L	EPA 515.3	0.05	0.6	WKL	
MO-OJA	2018/19-1	Wet	11/22/2018 9:25:00 AM	12/14/2018 4:17:00 AM	Prometon	n/a	<	0.024	µg/L	EPA 525.2	0.024	0.2	WKL	
MO-OJA	2018/19-1	Wet	11/22/2018 9:25:00 AM	12/14/2018 4:17:00 AM	Prometryn	n/a	<	0.036	µg/L	EPA 525.2	0.036	0.1	WKL	
MO-OJA	2018/19-1	Wet	11/22/2018 9:25:00 AM	12/12/2018 6:03:00 AM	Ronnel (Fenchlorphos)	n/a	<	0.0082	µg/L	EPA 525.2m	0.0082	0.02	WKL	
MO-OJA	2018/19-1	Wet	11/22/2018 9:25:00 AM	12/14/2018 4:17:00 AM	Simazine	n/a	<	0.015	µg/L	EPA 525.2	0.015	0.1	WKL	
MO-OJA	2018/19-1	Wet	11/22/2018 9:25:00 AM	12/12/2018 6:03:00 AM	Stirophos (Tetrachlorvinphos)	n/a	<	0.0062	µg/L	EPA 525.2m	0.0062	0.02	WKL	
MO-OJA	2018/19-1	Wet	11/22/2018 9:25:00 AM	12/14/2018 4:17:00 AM	Terbacil	n/a	<	0.55	µg/L	EPA 525.2	0.55	2	WKL	
MO-OJA	2018/19-1	Wet	11/22/2018 9:25:00 AM	12/14/2018 4:17:00 AM	Thiobencarb	n/a	<	0.025	µg/L	EPA 525.2	0.025	0.2	WKL	
MO-OJA	2018/19-1	Wet	11/22/2018 9:25:00 AM	12/12/2018 6:03:00 AM	Tokuthion	n/a	<	0.016	µg/L	EPA 525.2m	0.016	0.02	WKL	
MO-OJA	2018/19-1	Wet	11/22/2018 9:25:00 AM	12/20/2018 1:10:00 AM	Toxaphene	n/a	<	0.6	µg/L	EPA 608	0.6	2.5	WKL	

Appendix G
Laboratory Environmental Analysis Results

Site ID	Event	Event Type	Sample Date	Analysis Date	Constituent	Fraction	Sign	Result	Units	Method	MDL	Reporting Limit	Analyzing Laboratory	Qualifier
MO-OJA	2018/19-1	Wet	11/22/2018 9:25:00 AM	12/12/2018 6:03:00 AM	Trichloronate	n/a	<	0.013	µg/L	EPA 525.2m	0.013	0.02	WKL	
MO-OJA	2018/19-1	Wet	11/22/2018 9:25:00 AM	12/14/2018 4:17:00 AM	Trithion	n/a	<	0.012	µg/L	EPA 525.2	0.012	0.1	WKL	
MO-OJA	2018/19-2	Wet	11/29/2018 12:30:00 AM	11/30/2018 4:25:00 AM	E. Coli	n/a	=	41600	MPN/100 mL	MMO-MUG	100	100	VCHCA	
MO-OJA	2018/19-2	Wet	11/29/2018 12:30:00 AM	11/30/2018 4:25:00 AM	Total Coliform	n/a	=	204600	MPN/100 mL	MMO-MUG	1000	1000	VCHCA	
MO-OJA	2018/19-2	Wet	11/29/2018 12:30:00 AM	11/29/2018 12:30:00 AM	Conductivity	n/a	=	72	µmhos/cm	Field Meter	-88	1	Field Crew	
MO-OJA	2018/19-2	Wet	11/29/2018 12:30:00 AM	12/11/2018 8:10:00 PM	Cyanide	Total	DNQ	0.0015	mg/L	ASTM D7511	0.0005	0.002	WKL	
MO-OJA	2018/19-2	Wet	11/29/2018 12:30:00 AM	11/29/2018 12:30:00 AM	DO	n/a	=	9.33	mg/L	Field Meter	-88	0.3	Field Crew	
MO-OJA	2018/19-2	Wet	11/29/2018 12:30:00 AM	11/29/2018 12:30:00 AM	DO	n/a	=	94.2	%	Field Meter	-88	0.1	Field Crew	
MO-OJA	2018/19-2	Wet	11/29/2018 12:30:00 AM	11/29/2018 12:30:00 AM	pH	n/a	=	7.25	pH Units	Field Meter	-88	0.01	Field Crew	
MO-OJA	2018/19-2	Wet	11/29/2018 12:30:00 AM	11/29/2018 12:30:00 AM	Salinity	n/a	<	100	mg/L	Field Meter	-88	100	Field Crew	
MO-OJA	2018/19-2	Wet	11/29/2018 12:30:00 AM	11/29/2018 12:30:00 AM	Specific Conductance	n/a	=	88	µmhos/cm	Field Meter	-88	1	Field Crew	
MO-OJA	2018/19-2	Wet	11/29/2018 12:30:00 AM	11/29/2018 12:30:00 AM	Temperature	n/a	=	15.3	°C	Field Meter	-88	0.1	Field Crew	
MO-OJA	2018/19-2	Wet	11/29/2018 12:30:00 AM	12/1/2018 6:47:00 AM	Gasoline Range Organics	n/a	<	0.012	mg/L	LUFT GC/MS	0.012	0.1	WKL	
MO-OJA	2018/19-2	Wet	11/29/2018 12:30:00 AM	12/14/2018 4:48:00 PM	Oil and Grease	n/a	<	1.3	mg/L	EPA 1664A	1.3	5	WKL	
MO-OJA	2018/19-2	Wet	11/29/2018 12:30:00 AM	12/3/2018 5:26:00 PM	2-Chloroethyl vinyl ether	n/a	<	0.28	µg/L	EPA 624	0.28	1	WKL	
MO-OJA	2018/19-2	Wet	11/29/2018 12:30:00 AM	12/3/2018 5:26:00 PM	Methyl tert-butyl ether (MTBE)	n/a	<	0.25	µg/L	EPA 624	0.25	1	WKL	
MO-OJA	2018/19-2	Wet	11/29/2018 6:10:00 AM	12/3/2018 1:00:00 PM	Chloride	n/a	=	6.1	mg/L	EPA 300.0	0.1	0.5	WKL	
MO-OJA	2018/19-2	Wet	11/29/2018 6:10:00 AM	12/3/2018 1:00:00 PM	Fluoride	n/a	DNQ	0.034	mg/L	EPA 300.0	0.02	0.1	WKL	
MO-OJA	2018/19-2	Wet	11/29/2018 6:10:00 AM	12/2/2018 2:19:00 AM	Perchlorate	n/a	<	0.95	µg/L	EPA 314.0	0.95	2	WKL	
MO-OJA	2018/19-2	Wet	11/29/2018 6:10:00 AM	12/3/2018 1:00:00 PM	Sulfate	Total	=	4.2	mg/L	EPA 300.0	0.1	0.5	WKL	
MO-OJA	2018/19-2	Wet	11/29/2018 6:10:00 AM	12/7/2018 1:38:00 PM	Calcium	Total	=	7.76	mg/L	EPA 200.7	0.016	0.1	WKL	
MO-OJA	2018/19-2	Wet	11/29/2018 6:10:00 AM	12/7/2018 1:38:00 PM	Magnesium	Total	=	2.28	mg/L	EPA 200.7	0.012	0.1	WKL	
MO-OJA	2018/19-2	Wet	11/29/2018 6:10:00 AM	12/7/2018 1:38:00 PM	Potassium	Total	=	3.9	mg/L	EPA 200.7	0.081	0.1	WKL	
MO-OJA	2018/19-2	Wet	11/29/2018 6:10:00 AM	12/7/2018 1:38:00 PM	Sodium	Total	=	2.6	mg/L	EPA 200.7	0.015	0.5	WKL	
MO-OJA	2018/19-2	Wet	11/29/2018 6:10:00 AM	12/4/2018 12:20:00 PM	Alkalinity as CaCO3	n/a	=	29	mg/L	SM 2320 B	0.56	2	WKL	
MO-OJA	2018/19-2	Wet	11/29/2018 6:10:00 AM	12/5/2018 7:19:00 PM	BOD	n/a	=	12	mg/L	SM 5210 B	2	2	WKL	
MO-OJA	2018/19-2	Wet	11/29/2018 6:10:00 AM	12/3/2018 9:38:00 AM	COD	n/a	=	42	mg/L	EPA 410.4	0.73	5	WKL	
MO-OJA	2018/19-2	Wet	11/29/2018 6:10:00 AM	12/20/2018 9:28:00 AM	Dissolved Inorganic Carbon	Dissolved	=	6.6	mg/L	SM 5310 B	0.016	0.5	WKL	
MO-OJA	2018/19-2	Wet	11/29/2018 6:10:00 AM	12/11/2018 10:21:00 AM	Dissolved Organic Carbon	Dissolved	=	8.1	mg/L	SM 5310 B	0.013	0.3	WKL	
MO-OJA	2018/19-2	Wet	11/29/2018 6:10:00 AM	12/7/2018 1:38:00 PM	Hardness as CaCO3	Total	=	28.8	mg/L	EPA 200.7	0.0894	0.662	WKL	
MO-OJA	2018/19-2	Wet	11/29/2018 6:10:00 AM	11/29/2018 7:21:00 PM	MBAS	n/a	DNQ	0.16	mg/L	SM 5540 C	0.095	0.25	WKL	
MO-OJA	2018/19-2	Wet	11/29/2018 6:10:00 AM	12/14/2018 5:06:00 PM	Phenolics	n/a	=	0.032	mg/L	EPA 420.4	0.0042	0.01	WKL	
MO-OJA	2018/19-2	Wet	11/29/2018 6:10:00 AM	12/3/2018 2:58:00 PM	Specific Conductance	n/a	=	88	µmhos/cm	SM 2510 B	0.23	2	WKL	
MO-OJA	2018/19-2	Wet	11/29/2018 6:10:00 AM	12/5/2018 3:14:00 PM	Total Dissolved Solids	n/a	=	37	mg/L	SM 2540 C	4	10	WKL	
MO-OJA	2018/19-2	Wet	11/29/2018 6:10:00 AM	12/7/2018 9:35:00 AM	Total Organic Carbon	n/a	=	11	mg/L	SM 5310 B	0.009	0.3	WKL	
MO-OJA	2018/19-2	Wet	11/29/2018 6:10:00 AM	12/1/2018 5:50:00 PM	Total Suspended Solids	n/a	=	960	mg/L	SM 2540 D	-88	5	WKL	
MO-OJA	2018/19-2	Wet	11/29/2018 6:10:00 AM	11/30/2018 4:06:00 PM	Turbidity	n/a	=	200	NTU	EPA 180.1	0.12	0.5	WKL	
MO-OJA	2018/19-2	Wet	11/29/2018 6:10:00 AM	12/1/2018 12:50:00 PM	Volatile Suspended Solids	n/a	=	150	mg/L	EPA 160.4	3.1	5	WKL	
MO-OJA	2018/19-2	Wet	11/29/2018 6:10:00 AM	12/4/2018 2:32:00 AM	Diesel Range Organics	n/a	=	0.1	mg/L	EPA 8015D	0.024	0.1	WKL	
MO-OJA	2018/19-2	Wet	11/29/2018 6:10:00 AM	12/4/2018 2:32:00 AM	Oil Range Organics	n/a	<	0.33	mg/L	EPA 8015D	0.33	0.5	WKL	
MO-OJA	2018/19-2	Wet	11/29/2018 6:10:00 AM	12/13/2018 6:46:00 PM	Aluminum	Dissolved	=	59	µg/L	EPA 200.8	1.3	5	WKL	
MO-OJA	2018/19-2	Wet	11/29/2018 6:10:00 AM	12/13/2018 6:53:00 PM	Aluminum	Total	=	3500	µg/L	EPA 200.8	1.3	5	WKL	
MO-OJA	2018/19-2	Wet	11/29/2018 6:10:00 AM	12/13/2018 6:46:00 PM	Antimony	Dissolved	DNQ	0.17	µg/L	EPA 200.8	0.045	0.5	WKL	
MO-OJA	2018/19-2	Wet	11/29/2018 6:10:00 AM	12/13/2018 6:53:00 PM	Antimony	Total	DNQ	0.27	µg/L	EPA 200.8	0.045	0.5	WKL	
MO-OJA	2018/19-2	Wet	11/29/2018 6:10:00 AM	12/13/2018 6:46:00 PM	Arsenic	Dissolved	=	0.61	µg/L	EPA 200.8	0.074	0.4	WKL	
MO-OJA	2018/19-2	Wet	11/29/2018 6:10:00 AM	12/13/2018 6:53:00 PM	Arsenic	Total	=	1.7	µg/L	EPA 200.8	0.074	0.4	WKL	
MO-OJA	2018/19-2	Wet	11/29/2018 6:10:00 AM	12/13/2018 6:53:00 PM	Barium	Total	=	55	µg/L	EPA 200.8	0.071	0.5	WKL	
MO-OJA	2018/19-2	Wet	11/29/2018 6:10:00 AM	12/13/2018 6:46:00 PM	Beryllium	Dissolved	<	0.033	µg/L	EPA 200.8	0.033	0.1	WKL	

Appendix G Laboratory Environmental Analysis Results

Site ID	Event	Event Type	Sample Date	Analysis Date	Constituent	Fraction	Sign	Result	Units	Method	MDL	Reporting Limit	Analyzing Laboratory	Qualifier
MO-OJA	2018/19-2	Wet	11/29/2018 6:10:00 AM	12/13/2018 6:53:00 PM	Beryllium	Total	=	0.16	µg/L	EPA 200.8	0.033	0.1	WKL	
MO-OJA	2018/19-2	Wet	11/29/2018 6:10:00 AM	12/13/2018 6:46:00 PM	Cadmium	Dissolved	<	0.041	µg/L	EPA 200.8	0.041	0.1	WKL	
MO-OJA	2018/19-2	Wet	11/29/2018 6:10:00 AM	12/13/2018 6:53:00 PM	Cadmium	Total	DNQ	0.09	µg/L	EPA 200.8	0.041	0.1	WKL	
MO-OJA	2018/19-2	Wet	11/29/2018 6:10:00 AM	12/13/2018 6:46:00 PM	Chromium	Dissolved	=	0.26	µg/L	EPA 200.8	0.035	0.2	WKL	
MO-OJA	2018/19-2	Wet	11/29/2018 6:10:00 AM	12/13/2018 6:53:00 PM	Chromium	Total	=	4.4	µg/L	EPA 200.8	0.035	0.2	WKL	
MO-OJA	2018/19-2	Wet	11/29/2018 6:10:00 AM	12/1/2018 12:45:00 AM	Chromium VI	n/a	<	0.048	µg/L	EPA 218.6	0.048	0.2	WKL	
MO-OJA	2018/19-2	Wet	11/29/2018 6:10:00 AM	12/13/2018 6:46:00 PM	Copper	Dissolved	=	4.1	µg/L	EPA 200.8	0.13	0.5	WKL	
MO-OJA	2018/19-2	Wet	11/29/2018 6:10:00 AM	12/13/2018 6:53:00 PM	Copper	Total	=	11	µg/L	EPA 200.8	0.13	0.5	WKL	
MO-OJA	2018/19-2	Wet	11/29/2018 6:10:00 AM	12/7/2018 1:32:00 PM	Iron	Dissolved	=	92	µg/L	EPA 200.7	1.1	10	WKL	
MO-OJA	2018/19-2	Wet	11/29/2018 6:10:00 AM	12/7/2018 1:38:00 PM	Iron	Total	=	4600	µg/L	EPA 200.7	1.1	10	WKL	LB-MSR
MO-OJA	2018/19-2	Wet	11/29/2018 6:10:00 AM	12/13/2018 6:46:00 PM	Lead	Dissolved	DNQ	0.16	µg/L	EPA 200.8	0.031	0.2	WKL	
MO-OJA	2018/19-2	Wet	11/29/2018 6:10:00 AM	12/13/2018 6:53:00 PM	Lead	Total	=	3.9	µg/L	EPA 200.8	0.031	0.2	WKL	
MO-OJA	2018/19-2	Wet	11/29/2018 6:10:00 AM	12/12/2018 12:15:00 PM	Mercury	Dissolved	<	17	ng/L	EPA 245.1	17	50	WKL	
MO-OJA	2018/19-2	Wet	11/29/2018 6:10:00 AM	12/10/2018 12:55:00 PM	Mercury	Total	DNQ	17	ng/L	EPA 245.1	17	50	WKL	
MO-OJA	2018/19-2	Wet	11/29/2018 6:10:00 AM	12/13/2018 6:46:00 PM	Nickel	Dissolved	=	0.93	µg/L	EPA 200.8	0.045	0.8	WKL	
MO-OJA	2018/19-2	Wet	11/29/2018 6:10:00 AM	12/13/2018 6:53:00 PM	Nickel	Total	=	5.7	µg/L	EPA 200.8	0.045	0.8	WKL	
MO-OJA	2018/19-2	Wet	11/29/2018 6:10:00 AM	12/13/2018 6:46:00 PM	Selenium	Dissolved	<	0.14	µg/L	EPA 200.8	0.14	0.4	WKL	
MO-OJA	2018/19-2	Wet	11/29/2018 6:10:00 AM	12/13/2018 6:53:00 PM	Selenium	Total	<	0.14	µg/L	EPA 200.8	0.14	0.4	WKL	
MO-OJA	2018/19-2	Wet	11/29/2018 6:10:00 AM	12/13/2018 6:46:00 PM	Silver	Dissolved	<	0.062	µg/L	EPA 200.8	0.062	0.2	WKL	
MO-OJA	2018/19-2	Wet	11/29/2018 6:10:00 AM	12/13/2018 6:53:00 PM	Silver	Total	<	0.062	µg/L	EPA 200.8	0.062	0.2	WKL	
MO-OJA	2018/19-2	Wet	11/29/2018 6:10:00 AM	12/13/2018 6:46:00 PM	Thallium	Dissolved	<	0.014	µg/L	EPA 200.8	0.014	0.2	WKL	
MO-OJA	2018/19-2	Wet	11/29/2018 6:10:00 AM	12/13/2018 6:53:00 PM	Thallium	Total	DNQ	0.02	µg/L	EPA 200.8	0.014	0.2	WKL	
MO-OJA	2018/19-2	Wet	11/29/2018 6:10:00 AM	12/13/2018 6:46:00 PM	Zinc	Dissolved	=	7.2	µg/L	EPA 200.8	0.94	5	WKL	
MO-OJA	2018/19-2	Wet	11/29/2018 6:10:00 AM	12/13/2018 6:53:00 PM	Zinc	Total	=	41	µg/L	EPA 200.8	0.94	5	WKL	
MO-OJA	2018/19-2	Wet	11/29/2018 6:10:00 AM	12/6/2018 6:08:00 AM	Ammonia as N	n/a	=	0.26	mg/L	EPA 350.1	0.048	0.1	WKL	
MO-OJA	2018/19-2	Wet	11/29/2018 6:10:00 AM	12/20/2018 10:36:00 AM	Nitrate + Nitrite as N	n/a	=	0.24	mg/L	EPA 353.2	0.083	0.2	WKL	
MO-OJA	2018/19-2	Wet	11/29/2018 6:10:00 AM	1/17/2019 12:47:00 PM	Phosphorus as P	Dissolved	=	0.26	mg/L	EPA 200.7	0.012	0.02	WKL	
MO-OJA	2018/19-2	Wet	11/29/2018 6:10:00 AM	12/7/2018 1:38:00 PM	Phosphorus as P	Total	=	0.42	mg/L	EPA 200.7	0.012	0.02	WKL	
MO-OJA	2018/19-2	Wet	11/29/2018 6:10:00 AM	12/21/2018 10:50:00 AM	TKN	n/a	=	0.86	mg/L	EPA 351.2	0.05	0.1	WKL	
MO-OJA	2018/19-2	Wet	11/29/2018 6:10:00 AM	1/6/2019 11:03:00 PM	1,2,4-Trichlorobenzene	n/a	<	2.8	µg/L	EPA 625	2.8	5	WKL	
MO-OJA	2018/19-2	Wet	11/29/2018 6:10:00 AM	1/6/2019 11:03:00 PM	1,2-Dichlorobenzene	n/a	<	2.8	µg/L	EPA 625	2.8	5	WKL	
MO-OJA	2018/19-2	Wet	11/29/2018 6:10:00 AM	1/6/2019 11:03:00 PM	1,2-Diphenylhydrazine	n/a	<	1.2	µg/L	EPA 625	1.2	5	WKL	
MO-OJA	2018/19-2	Wet	11/29/2018 6:10:00 AM	1/6/2019 11:03:00 PM	1,3-Dichlorobenzene	n/a	<	2.6	µg/L	EPA 625	2.6	5	WKL	
MO-OJA	2018/19-2	Wet	11/29/2018 6:10:00 AM	1/6/2019 11:03:00 PM	1,4-Dichlorobenzene	n/a	<	2.8	µg/L	EPA 625	2.8	5	WKL	
MO-OJA	2018/19-2	Wet	11/29/2018 6:10:00 AM	1/11/2019 6:59:00 PM	1-Methylnaphthalene	n/a	<	0.1	µg/L	EPA 8270C	0.1	0.1	WKL	
MO-OJA	2018/19-2	Wet	11/29/2018 6:10:00 AM	1/11/2019 12:20:00 AM	2,4,5-Trichlorophenol	n/a	<	0.29	µg/L	EPA 8270C	0.29	1	WKL	
MO-OJA	2018/19-2	Wet	11/29/2018 6:10:00 AM	1/11/2019 12:20:00 AM	2,4,6-Trichlorophenol	n/a	<	0.3	µg/L	EPA 8270C	0.3	1	WKL	
MO-OJA	2018/19-2	Wet	11/29/2018 6:10:00 AM	1/6/2019 11:03:00 PM	2,4,6-Trichlorophenol	n/a	<	1.1	µg/L	EPA 625	1.1	5	WKL	
MO-OJA	2018/19-2	Wet	11/29/2018 6:10:00 AM	1/11/2019 12:20:00 AM	2,4-Dichlorophenol	n/a	<	0.51	µg/L	EPA 8270C	0.51	1	WKL	
MO-OJA	2018/19-2	Wet	11/29/2018 6:10:00 AM	1/6/2019 11:03:00 PM	2,4-Dichlorophenol	n/a	<	1.3	µg/L	EPA 625	1.3	5	WKL	
MO-OJA	2018/19-2	Wet	11/29/2018 6:10:00 AM	1/6/2019 11:03:00 PM	2,4-Dimethylphenol	n/a	<	1.5	µg/L	EPA 625	1.5	5	WKL	
MO-OJA	2018/19-2	Wet	11/29/2018 6:10:00 AM	1/11/2019 12:20:00 AM	2,4-Dimethylphenol	n/a	<	1	µg/L	EPA 8270C	1	2	WKL	
MO-OJA	2018/19-2	Wet	11/29/2018 6:10:00 AM	1/6/2019 11:03:00 PM	2,4-Dinitrophenol	n/a	<	7.9	µg/L	EPA 625	7.9	50	WKL	
MO-OJA	2018/19-2	Wet	11/29/2018 6:10:00 AM	1/11/2019 12:20:00 AM	2,4-Dinitrophenol	n/a	<	1	µg/L	EPA 8270C	1	2	WKL	
MO-OJA	2018/19-2	Wet	11/29/2018 6:10:00 AM	1/6/2019 11:03:00 PM	2,4-Dinitrotoluene	n/a	<	0.9	µg/L	EPA 625	0.9	5	WKL	
MO-OJA	2018/19-2	Wet	11/29/2018 6:10:00 AM	1/6/2019 11:03:00 PM	2,6-Dinitrotoluene	n/a	<	1.4	µg/L	EPA 625	1.4	5	WKL	
MO-OJA	2018/19-2	Wet	11/29/2018 6:10:00 AM	1/6/2019 11:03:00 PM	2-Chloronaphthalene	n/a	<	2.2	µg/L	EPA 625	2.2	5	WKL	
MO-OJA	2018/19-2	Wet	11/29/2018 6:10:00 AM	1/6/2019 11:03:00 PM	2-Chlorophenol	n/a	<	1.4	µg/L	EPA 625	1.4	5	WKL	

Appendix G
Laboratory Environmental Analysis Results

Site ID	Event	Event Type	Sample Date	Analysis Date	Constituent	Fraction	Sign	Result	Units	Method	MDL	Reporting Limit	Analyzing Laboratory	Qualifier
MO-OJA	2018/19-2	Wet	11/29/2018 6:10:00 AM	1/11/2019 12:20:00 AM	2-Chlorophenol	n/a	<	0.65	µg/L	EPA 8270C	0.65	1	WKL	
MO-OJA	2018/19-2	Wet	11/29/2018 6:10:00 AM	1/11/2019 6:59:00 PM	2-Methylnaphthalene	n/a	<	0.1	µg/L	EPA 8270C	0.1	0.1	WKL	
MO-OJA	2018/19-2	Wet	11/29/2018 6:10:00 AM	1/11/2019 12:20:00 AM	2-Methylphenol	n/a	<	0.34	µg/L	EPA 8270C	0.34	1	WKL	
MO-OJA	2018/19-2	Wet	11/29/2018 6:10:00 AM	1/6/2019 11:03:00 PM	2-Nitrophenol	n/a	<	1.3	µg/L	EPA 625	1.3	5	WKL	
MO-OJA	2018/19-2	Wet	11/29/2018 6:10:00 AM	1/11/2019 12:20:00 AM	2-Nitrophenol	n/a	<	0.71	µg/L	EPA 8270C	0.71	1	WKL	
MO-OJA	2018/19-2	Wet	11/29/2018 6:10:00 AM	1/6/2019 11:03:00 PM	3,3'-Dichlorobenzidine	n/a	<	6	µg/L	EPA 625	6	25	WKL	
MO-OJA	2018/19-2	Wet	11/29/2018 6:10:00 AM	1/11/2019 12:20:00 AM	3-/4-Methylphenol	n/a	<	0.3	µg/L	EPA 8270C	0.3	1	WKL	
MO-OJA	2018/19-2	Wet	11/29/2018 6:10:00 AM	1/11/2019 12:20:00 AM	4,6-Dinitro-2-methylphenol	n/a	<	0.14	µg/L	EPA 8270C	0.14	1	WKL	
MO-OJA	2018/19-2	Wet	11/29/2018 6:10:00 AM	1/6/2019 11:03:00 PM	4,6-Dinitro-2-methylphenol	n/a	<	8.6	µg/L	EPA 625	8.6	25	WKL	
MO-OJA	2018/19-2	Wet	11/29/2018 6:10:00 AM	1/6/2019 11:03:00 PM	4-Bromophenyl phenyl ether	n/a	<	1.8	µg/L	EPA 625	1.8	5	WKL	
MO-OJA	2018/19-2	Wet	11/29/2018 6:10:00 AM	1/11/2019 12:20:00 AM	4-Chloro-3-methylphenol	n/a	<	0.37	µg/L	EPA 8270C	0.37	1	WKL	
MO-OJA	2018/19-2	Wet	11/29/2018 6:10:00 AM	1/6/2019 11:03:00 PM	4-Chloro-3-methylphenol	n/a	<	1.2	µg/L	EPA 625	1.2	5	WKL	
MO-OJA	2018/19-2	Wet	11/29/2018 6:10:00 AM	1/6/2019 11:03:00 PM	4-Chlorophenyl phenyl ether	n/a	<	2	µg/L	EPA 625	2	5	WKL	
MO-OJA	2018/19-2	Wet	11/29/2018 6:10:00 AM	1/11/2019 12:20:00 AM	4-Nitrophenol	n/a	<	1	µg/L	EPA 8270C	1	2	WKL	
MO-OJA	2018/19-2	Wet	11/29/2018 6:10:00 AM	1/6/2019 11:03:00 PM	4-Nitrophenol	n/a	<	2.2	µg/L	EPA 625	2.2	25	WKL	
MO-OJA	2018/19-2	Wet	11/29/2018 6:10:00 AM	1/11/2019 6:59:00 PM	Acenaphthene	n/a	<	0.1	µg/L	EPA 8270C	0.1	0.1	WKL	
MO-OJA	2018/19-2	Wet	11/29/2018 6:10:00 AM	1/6/2019 11:03:00 PM	Acenaphthene	n/a	<	1.9	µg/L	EPA 625	1.9	5	WKL	
MO-OJA	2018/19-2	Wet	11/29/2018 6:10:00 AM	1/11/2019 6:59:00 PM	Acenaphthylene	n/a	<	0.1	µg/L	EPA 8270C	0.1	0.1	WKL	
MO-OJA	2018/19-2	Wet	11/29/2018 6:10:00 AM	1/6/2019 11:03:00 PM	Acenaphthylene	n/a	<	2	µg/L	EPA 625	2	5	WKL	
MO-OJA	2018/19-2	Wet	11/29/2018 6:10:00 AM	1/11/2019 6:59:00 PM	Anthracene	n/a	<	0.1	µg/L	EPA 8270C	0.1	0.1	WKL	
MO-OJA	2018/19-2	Wet	11/29/2018 6:10:00 AM	1/6/2019 11:03:00 PM	Anthracene	n/a	<	1.7	µg/L	EPA 625	1.7	5	WKL	
MO-OJA	2018/19-2	Wet	11/29/2018 6:10:00 AM	1/6/2019 11:03:00 PM	Benz(a)anthracene	n/a	<	0.95	µg/L	EPA 625	0.95	5	WKL	
MO-OJA	2018/19-2	Wet	11/29/2018 6:10:00 AM	1/11/2019 6:59:00 PM	Benz(a)anthracene	n/a	<	0.1	µg/L	EPA 8270C	0.1	0.1	WKL	
MO-OJA	2018/19-2	Wet	11/29/2018 6:10:00 AM	1/6/2019 11:03:00 PM	Benzidine	n/a	<	18	µg/L	EPA 625	18	50	WKL	
MO-OJA	2018/19-2	Wet	11/29/2018 6:10:00 AM	1/11/2019 6:59:00 PM	Benzo(a)pyrene	n/a	<	0.1	µg/L	EPA 8270C	0.1	0.1	WKL	
MO-OJA	2018/19-2	Wet	11/29/2018 6:10:00 AM	1/6/2019 11:03:00 PM	Benzo(a)pyrene	n/a	<	0.65	µg/L	EPA 625	0.65	5	WKL	
MO-OJA	2018/19-2	Wet	11/29/2018 6:10:00 AM	12/16/2018 12:38:00 AM	Benzo(a)pyrene	n/a	DNQ	0.15	µg/L	EPA 525.2	0.14	0.2	WKL	
MO-OJA	2018/19-2	Wet	11/29/2018 6:10:00 AM	1/11/2019 6:59:00 PM	Benzo(b)fluoranthene	n/a	<	0.1	µg/L	EPA 8270C	0.1	0.1	WKL	
MO-OJA	2018/19-2	Wet	11/29/2018 6:10:00 AM	1/6/2019 11:03:00 PM	Benzo(b)fluoranthene	n/a	<	0.7	µg/L	EPA 625	0.7	5	WKL	
MO-OJA	2018/19-2	Wet	11/29/2018 6:10:00 AM	1/6/2019 11:03:00 PM	Benzo(g,h,i)perylene	n/a	<	0.5	µg/L	EPA 625	0.5	10	WKL	
MO-OJA	2018/19-2	Wet	11/29/2018 6:10:00 AM	1/11/2019 6:59:00 PM	Benzo(g,h,i)perylene	n/a	<	0.1	µg/L	EPA 8270C	0.1	0.1	WKL	
MO-OJA	2018/19-2	Wet	11/29/2018 6:10:00 AM	1/6/2019 11:03:00 PM	Benzo(k)fluoranthene	n/a	<	1.1	µg/L	EPA 625	1.1	5	WKL	
MO-OJA	2018/19-2	Wet	11/29/2018 6:10:00 AM	1/11/2019 6:59:00 PM	Benzo(k)fluoranthene	n/a	<	0.1	µg/L	EPA 8270C	0.1	0.1	WKL	
MO-OJA	2018/19-2	Wet	11/29/2018 6:10:00 AM	1/6/2019 11:03:00 PM	Bis(2-chloroethoxy)methane	n/a	<	1.2	µg/L	EPA 625	1.2	5	WKL	
MO-OJA	2018/19-2	Wet	11/29/2018 6:10:00 AM	1/6/2019 11:03:00 PM	Bis(2-chloroethyl)ether	n/a	<	1.4	µg/L	EPA 625	1.4	5	WKL	
MO-OJA	2018/19-2	Wet	11/29/2018 6:10:00 AM	1/6/2019 11:03:00 PM	Bis(2-chloroisopropyl)ether	n/a	<	1.9	µg/L	EPA 625	1.9	5	WKL	
MO-OJA	2018/19-2	Wet	11/29/2018 6:10:00 AM	12/16/2018 12:38:00 AM	Bis(2-ethylhexyl)adipate	n/a	DNQ	0.26	µg/L	EPA 525.2	0.21	10	WKL	
MO-OJA	2018/19-2	Wet	11/29/2018 6:10:00 AM	12/16/2018 12:38:00 AM	Bis(2-ethylhexyl)phthalate	n/a	<	2.1	µg/L	EPA 525.2	2.1	6	WKL	
MO-OJA	2018/19-2	Wet	11/29/2018 6:10:00 AM	1/6/2019 11:03:00 PM	Bis(2-ethylhexyl)phthalate	n/a	<	12	µg/L	EPA 625	12	25	WKL	
MO-OJA	2018/19-2	Wet	11/29/2018 6:10:00 AM	1/6/2019 11:03:00 PM	Butyl benzyl phthalate	n/a	<	0.9	µg/L	EPA 625	0.9	5	WKL	
MO-OJA	2018/19-2	Wet	11/29/2018 6:10:00 AM	1/6/2019 11:03:00 PM	Chrysene	n/a	<	0.95	µg/L	EPA 625	0.95	5	WKL	
MO-OJA	2018/19-2	Wet	11/29/2018 6:10:00 AM	1/11/2019 6:59:00 PM	Chrysene	n/a	<	0.1	µg/L	EPA 8270C	0.1	0.1	WKL	
MO-OJA	2018/19-2	Wet	11/29/2018 6:10:00 AM	1/11/2019 6:59:00 PM	Dibenz(a,h)anthracene	n/a	<	0.1	µg/L	EPA 8270C	0.1	0.1	WKL	
MO-OJA	2018/19-2	Wet	11/29/2018 6:10:00 AM	1/6/2019 11:03:00 PM	Dibenz(a,h)anthracene	n/a	<	0.4	µg/L	EPA 625	0.4	10	WKL	
MO-OJA	2018/19-2	Wet	11/29/2018 6:10:00 AM	1/6/2019 11:03:00 PM	Diethyl phthalate	n/a	<	0.75	µg/L	EPA 625	0.75	5	WKL	
MO-OJA	2018/19-2	Wet	11/29/2018 6:10:00 AM	1/6/2019 11:03:00 PM	Dimethyl phthalate	n/a	<	0.9	µg/L	EPA 625	0.9	5	WKL	
MO-OJA	2018/19-2	Wet	11/29/2018 6:10:00 AM	1/6/2019 11:03:00 PM	Di-n-butylphthalate	n/a	<	1.2	µg/L	EPA 625	1.2	5	WKL	
MO-OJA	2018/19-2	Wet	11/29/2018 6:10:00 AM	1/6/2019 11:03:00 PM	Di-n-octylphthalate	n/a	<	0.95	µg/L	EPA 625	0.95	5	WKL	

Appendix G
Laboratory Environmental Analysis Results

Site ID	Event	Event Type	Sample Date	Analysis Date	Constituent	Fraction	Sign	Result	Units	Method	MDL	Reporting Limit	Analyzing Laboratory	Qualifier
MO-OJA	2018/19-2	Wet	11/29/2018 6:10:00 AM	1/6/2019 11:03:00 PM	Fluoranthene	n/a	<	1.1	µg/L	EPA 625	1.1	5	WKL	
MO-OJA	2018/19-2	Wet	11/29/2018 6:10:00 AM	1/11/2019 6:59:00 PM	Fluoranthene	n/a	<	0.1	µg/L	EPA 8270C	0.1	0.1	WKL	
MO-OJA	2018/19-2	Wet	11/29/2018 6:10:00 AM	1/6/2019 11:03:00 PM	Fluorene	n/a	<	1.8	µg/L	EPA 625	1.8	5	WKL	
MO-OJA	2018/19-2	Wet	11/29/2018 6:10:00 AM	1/11/2019 6:59:00 PM	Fluorene	n/a	<	0.1	µg/L	EPA 8270C	0.1	0.1	WKL	
MO-OJA	2018/19-2	Wet	11/29/2018 6:10:00 AM	1/6/2019 11:03:00 PM	Hexachlorobenzene	n/a	<	2.4	µg/L	EPA 625	2.4	5	WKL	
MO-OJA	2018/19-2	Wet	11/29/2018 6:10:00 AM	1/6/2019 11:03:00 PM	Hexachlorobutadiene	n/a	<	2.4	µg/L	EPA 625	2.4	5	WKL	
MO-OJA	2018/19-2	Wet	11/29/2018 6:10:00 AM	1/6/2019 11:03:00 PM	Hexachlorocyclopentadiene	n/a	<	7.3	µg/L	EPA 625	7.3	25	WKL	
MO-OJA	2018/19-2	Wet	11/29/2018 6:10:00 AM	1/6/2019 11:03:00 PM	Hexachloroethane	n/a	<	2.6	µg/L	EPA 625	2.6	5	WKL	
MO-OJA	2018/19-2	Wet	11/29/2018 6:10:00 AM	1/6/2019 11:03:00 PM	Indeno(1,2,3-cd)pyrene	n/a	<	0.6	µg/L	EPA 625	0.6	10	WKL	
MO-OJA	2018/19-2	Wet	11/29/2018 6:10:00 AM	1/11/2019 6:59:00 PM	Indeno(1,2,3-cd)pyrene	n/a	<	0.1	µg/L	EPA 8270C	0.1	0.1	WKL	
MO-OJA	2018/19-2	Wet	11/29/2018 6:10:00 AM	1/6/2019 11:03:00 PM	Isophorone	n/a	<	1	µg/L	EPA 625	1	5	WKL	
MO-OJA	2018/19-2	Wet	11/29/2018 6:10:00 AM	1/11/2019 6:59:00 PM	Naphthalene	n/a	<	0.1	µg/L	EPA 8270C	0.1	0.1	WKL	
MO-OJA	2018/19-2	Wet	11/29/2018 6:10:00 AM	1/6/2019 11:03:00 PM	Naphthalene	n/a	<	2.4	µg/L	EPA 625	2.4	5	WKL	
MO-OJA	2018/19-2	Wet	11/29/2018 6:10:00 AM	1/6/2019 11:03:00 PM	Nitrobenzene	n/a	<	1.8	µg/L	EPA 625	1.8	5	WKL	
MO-OJA	2018/19-2	Wet	11/29/2018 6:10:00 AM	1/6/2019 11:03:00 PM	N-Nitrosodimethylamine	n/a	<	0.7	µg/L	EPA 625	0.7	5	WKL	
MO-OJA	2018/19-2	Wet	11/29/2018 6:10:00 AM	1/6/2019 11:03:00 PM	N-Nitrosodi-N-propylamine	n/a	<	1.3	µg/L	EPA 625	1.3	5	WKL	
MO-OJA	2018/19-2	Wet	11/29/2018 6:10:00 AM	1/6/2019 11:03:00 PM	N-Nitrosodiphenylamine	n/a	<	0.95	µg/L	EPA 625	0.95	5	WKL	
MO-OJA	2018/19-2	Wet	11/29/2018 6:10:00 AM	1/6/2019 11:03:00 PM	Phenanthrene	n/a	<	1.6	µg/L	EPA 625	1.6	5	WKL	
MO-OJA	2018/19-2	Wet	11/29/2018 6:10:00 AM	1/11/2019 6:59:00 PM	Phenanthrene	n/a	<	0.1	µg/L	EPA 8270C	0.1	0.1	WKL	
MO-OJA	2018/19-2	Wet	11/29/2018 6:10:00 AM	1/11/2019 12:20:00 AM	Phenol	n/a	<	0.35	µg/L	EPA 8270C	0.35	1	WKL	
MO-OJA	2018/19-2	Wet	11/29/2018 6:10:00 AM	1/6/2019 11:03:00 PM	Phenol	n/a	<	0.8	µg/L	EPA 625	0.8	5	WKL	
MO-OJA	2018/19-2	Wet	11/29/2018 6:10:00 AM	1/11/2019 6:59:00 PM	Pyrene	n/a	<	0.1	µg/L	EPA 8270C	0.1	0.1	WKL	
MO-OJA	2018/19-2	Wet	11/29/2018 6:10:00 AM	1/6/2019 11:03:00 PM	Pyrene	n/a	<	1.2	µg/L	EPA 625	1.2	5	WKL	
MO-OJA	2018/19-2	Wet	11/29/2018 6:10:00 AM	12/27/2018 2:04:00 AM	PCB Aroclor 1016	n/a	<	0.5	µg/L	EPA 608	0.5	5	WKL	
MO-OJA	2018/19-2	Wet	11/29/2018 6:10:00 AM	12/27/2018 2:04:00 AM	PCB Aroclor 1221	n/a	<	0.6	µg/L	EPA 608	0.6	5	WKL	
MO-OJA	2018/19-2	Wet	11/29/2018 6:10:00 AM	12/27/2018 2:04:00 AM	PCB Aroclor 1232	n/a	<	1.5	µg/L	EPA 608	1.5	5	WKL	
MO-OJA	2018/19-2	Wet	11/29/2018 6:10:00 AM	12/27/2018 2:04:00 AM	PCB Aroclor 1242	n/a	<	0.7	µg/L	EPA 608	0.7	5	WKL	
MO-OJA	2018/19-2	Wet	11/29/2018 6:10:00 AM	12/27/2018 2:04:00 AM	PCB Aroclor 1248	n/a	<	0.6	µg/L	EPA 608	0.6	5	WKL	
MO-OJA	2018/19-2	Wet	11/29/2018 6:10:00 AM	12/27/2018 2:04:00 AM	PCB Aroclor 1254	n/a	<	0.4	µg/L	EPA 608	0.4	5	WKL	
MO-OJA	2018/19-2	Wet	11/29/2018 6:10:00 AM	12/27/2018 2:04:00 AM	PCB Aroclor 1260	n/a	<	0.4	µg/L	EPA 608	0.4	5	WKL	
MO-OJA	2018/19-2	Wet	11/29/2018 6:10:00 AM	12/19/2018 3:48:00 AM	2,4,5-T	n/a	<	0.07	µg/L	EPA 515.3	0.07	0.2	WKL	
MO-OJA	2018/19-2	Wet	11/29/2018 6:10:00 AM	12/19/2018 3:48:00 AM	2,4,5-TP	n/a	<	0.09	µg/L	EPA 515.3	0.09	0.2	WKL	
MO-OJA	2018/19-2	Wet	11/29/2018 6:10:00 AM	12/19/2018 3:48:00 AM	2,4-D	n/a	<	0.07	µg/L	EPA 515.3	0.07	0.4	WKL	
MO-OJA	2018/19-2	Wet	11/29/2018 6:10:00 AM	12/19/2018 3:48:00 AM	2,4-DB	n/a	DNQ	0.3	µg/L	EPA 515.3	0.07	2	WKL	
MO-OJA	2018/19-2	Wet	11/29/2018 6:10:00 AM	12/19/2018 3:48:00 AM	3,5-Dichlorobenzoic acid	n/a	<	0.09	µg/L	EPA 515.3	0.09	1	WKL	
MO-OJA	2018/19-2	Wet	11/29/2018 6:10:00 AM	12/27/2018 2:04:00 AM	4,4'-DDD	n/a	<	0.03	µg/L	EPA 608	0.03	0.5	WKL	
MO-OJA	2018/19-2	Wet	11/29/2018 6:10:00 AM	12/27/2018 2:04:00 AM	4,4'-DDE	n/a	<	0.025	µg/L	EPA 608	0.025	0.5	WKL	
MO-OJA	2018/19-2	Wet	11/29/2018 6:10:00 AM	12/27/2018 2:04:00 AM	4,4'-DDT	n/a	<	0.031	µg/L	EPA 608	0.031	0.1	WKL	
MO-OJA	2018/19-2	Wet	11/29/2018 6:10:00 AM	12/19/2018 3:48:00 AM	Acifluorfen	n/a	<	0.06	µg/L	EPA 515.3	0.06	0.4	WKL	
MO-OJA	2018/19-2	Wet	11/29/2018 6:10:00 AM	12/16/2018 12:38:00 AM	Alachlor	n/a	<	0.044	µg/L	EPA 525.2	0.044	0.2	WKL	
MO-OJA	2018/19-2	Wet	11/29/2018 6:10:00 AM	12/27/2018 2:04:00 AM	Aldrin	n/a	<	0.015	µg/L	EPA 608	0.015	0.05	WKL	
MO-OJA	2018/19-2	Wet	11/29/2018 6:10:00 AM	12/27/2018 2:04:00 AM	alpha-BHC	n/a	<	0.018	µg/L	EPA 608	0.018	0.1	WKL	
MO-OJA	2018/19-2	Wet	11/29/2018 6:10:00 AM	12/27/2018 2:04:00 AM	alpha-Chlordane	n/a	<	0.041	µg/L	EPA 608	0.041	0.1	WKL	
MO-OJA	2018/19-2	Wet	11/29/2018 6:10:00 AM	12/16/2018 12:38:00 AM	Atrazine	n/a	<	0.068	µg/L	EPA 525.2	0.068	0.2	WKL	
MO-OJA	2018/19-2	Wet	11/29/2018 6:10:00 AM	12/19/2018 3:28:00 PM	Azinphos methyl	n/a	<	0.0055	µg/L	EPA 525.2m	0.0055	0.01	WKL	
MO-OJA	2018/19-2	Wet	11/29/2018 6:10:00 AM	12/19/2018 3:48:00 AM	Bentazon	n/a	<	0.11	µg/L	EPA 515.3	0.11	2	WKL	
MO-OJA	2018/19-2	Wet	11/29/2018 6:10:00 AM	12/27/2018 2:04:00 AM	beta-BHC	n/a	<	0.031	µg/L	EPA 608	0.031	0.05	WKL	
MO-OJA	2018/19-2	Wet	11/29/2018 6:10:00 AM	12/19/2018 3:28:00 PM	Bolstar	n/a	<	0.0046	µg/L	EPA 525.2m	0.0046	0.01	WKL	

Appendix G
Laboratory Environmental Analysis Results

Site ID	Event	Event Type	Sample Date	Analysis Date	Constituent	Fraction	Sign	Result	Units	Method	MDL	Reporting Limit	Analyzing Laboratory	Qualifier
MO-OJA	2018/19-2	Wet	11/29/2018 6:10:00 AM	12/16/2018 12:38:00 AM	Bromacil	n/a	DNQ	1.6	µg/L	EPA 525.2	0.076	2	WKL	
MO-OJA	2018/19-2	Wet	11/29/2018 6:10:00 AM	12/16/2018 12:38:00 AM	Butachlor	n/a	<	0.034	µg/L	EPA 525.2	0.034	0.4	WKL	
MO-OJA	2018/19-2	Wet	11/29/2018 6:10:00 AM	12/16/2018 12:38:00 AM	Captan	n/a	<	1.7	µg/L	EPA 525.2	1.7	2	WKL	
MO-OJA	2018/19-2	Wet	11/29/2018 6:10:00 AM	12/27/2018 2:04:00 AM	Chlordane (technical)	n/a	<	0.8	µg/L	EPA 608	0.8	1	WKL	
MO-OJA	2018/19-2	Wet	11/29/2018 6:10:00 AM	12/16/2018 12:38:00 AM	Chlorpropham	n/a	<	0.02	µg/L	EPA 525.2	0.02	0.2	WKL	
MO-OJA	2018/19-2	Wet	11/29/2018 6:10:00 AM	12/19/2018 3:28:00 PM	Chlorpyrifos	n/a	<	0.0069	µg/L	EPA 525.2m	0.0069	0.01	WKL	
MO-OJA	2018/19-2	Wet	11/29/2018 6:10:00 AM	12/19/2018 3:28:00 PM	Coumaphos	n/a	<	0.0051	µg/L	EPA 525.2m	0.0051	0.01	WKL	
MO-OJA	2018/19-2	Wet	11/29/2018 6:10:00 AM	12/16/2018 12:38:00 AM	Cyanazine	n/a	<	0.048	µg/L	EPA 525.2	0.048	0.2	WKL	
MO-OJA	2018/19-2	Wet	11/29/2018 6:10:00 AM	12/19/2018 3:48:00 AM	Dalapon	n/a	<	0.1	µg/L	EPA 515.3	0.1	0.4	WKL	
MO-OJA	2018/19-2	Wet	11/29/2018 6:10:00 AM	12/19/2018 3:48:00 AM	DCPA (Dacthal)	n/a	<	0.07	µg/L	EPA 515.3	0.07	0.1	WKL	
MO-OJA	2018/19-2	Wet	11/29/2018 6:10:00 AM	12/27/2018 2:04:00 AM	delta-BHC	n/a	<	0.025	µg/L	EPA 608	0.025	0.05	WKL	
MO-OJA	2018/19-2	Wet	11/29/2018 6:10:00 AM	12/19/2018 3:28:00 PM	Demeton-O	n/a	<	0.01	µg/L	EPA 525.2m	0.01	0.01	WKL	
MO-OJA	2018/19-2	Wet	11/29/2018 6:10:00 AM	12/19/2018 3:28:00 PM	Demeton-S	n/a	<	0.01	µg/L	EPA 525.2m	0.01	0.01	WKL	
MO-OJA	2018/19-2	Wet	11/29/2018 6:10:00 AM	12/16/2018 12:38:00 AM	Diazinon	n/a	<	0.19	µg/L	EPA 525.2	0.19	0.2	WKL	
MO-OJA	2018/19-2	Wet	11/29/2018 6:10:00 AM	12/19/2018 3:28:00 PM	Diazinon	n/a	<	0.0052	µg/L	EPA 525.2m	0.0052	0.01	WKL	
MO-OJA	2018/19-2	Wet	11/29/2018 6:10:00 AM	12/19/2018 3:48:00 AM	Dicamba	n/a	<	0.12	µg/L	EPA 515.3	0.12	0.6	WKL	
MO-OJA	2018/19-2	Wet	11/29/2018 6:10:00 AM	12/19/2018 3:48:00 AM	Dichlorprop	n/a	<	0.08	µg/L	EPA 515.3	0.08	0.3	WKL	
MO-OJA	2018/19-2	Wet	11/29/2018 6:10:00 AM	12/19/2018 3:48:00 PM	Dichlorvos	n/a	<	0.0029	µg/L	EPA 525.2m	0.0029	0.01	WKL	
MO-OJA	2018/19-2	Wet	11/29/2018 6:10:00 AM	12/27/2018 2:04:00 AM	Dieldrin	n/a	<	0.021	µg/L	EPA 608	0.021	0.1	WKL	
MO-OJA	2018/19-2	Wet	11/29/2018 6:10:00 AM	12/19/2018 3:28:00 PM	Dimethoate	n/a	<	0.0062	µg/L	EPA 525.2m	0.0062	0.01	WKL	
MO-OJA	2018/19-2	Wet	11/29/2018 6:10:00 AM	12/16/2018 12:38:00 AM	Dimethoate	n/a	<	0.048	µg/L	EPA 525.2	0.048	0.4	WKL	
MO-OJA	2018/19-2	Wet	11/29/2018 6:10:00 AM	12/19/2018 3:48:00 AM	Dinoseb	n/a	<	0.14	µg/L	EPA 515.3	0.14	0.4	WKL	
MO-OJA	2018/19-2	Wet	11/29/2018 6:10:00 AM	12/16/2018 12:38:00 AM	Diphenamid	n/a	<	0.048	µg/L	EPA 525.2	0.048	0.2	WKL	
MO-OJA	2018/19-2	Wet	11/29/2018 6:10:00 AM	12/16/2018 12:38:00 AM	Disulfoton	n/a	<	0.062	µg/L	EPA 525.2	0.062	0.2	WKL	
MO-OJA	2018/19-2	Wet	11/29/2018 6:10:00 AM	12/19/2018 3:28:00 PM	Disulfoton	n/a	<	0.01	µg/L	EPA 525.2m	0.01	0.01	WKL	
MO-OJA	2018/19-2	Wet	11/29/2018 6:10:00 AM	12/27/2018 2:04:00 AM	Endosulfan I	n/a	<	0.017	µg/L	EPA 608	0.017	0.2	WKL	
MO-OJA	2018/19-2	Wet	11/29/2018 6:10:00 AM	12/27/2018 2:04:00 AM	Endosulfan II	n/a	<	0.019	µg/L	EPA 608	0.019	0.1	WKL	
MO-OJA	2018/19-2	Wet	11/29/2018 6:10:00 AM	12/27/2018 2:04:00 AM	Endosulfan sulfate	n/a	<	0.08	µg/L	EPA 608	0.08	0.5	WKL	
MO-OJA	2018/19-2	Wet	11/29/2018 6:10:00 AM	12/27/2018 2:04:00 AM	Endrin	n/a	<	0.028	µg/L	EPA 608	0.028	0.1	WKL	
MO-OJA	2018/19-2	Wet	11/29/2018 6:10:00 AM	12/27/2018 2:04:00 AM	Endrin aldehyde	n/a	<	0.03	µg/L	EPA 608	0.03	0.1	WKL	
MO-OJA	2018/19-2	Wet	11/29/2018 6:10:00 AM	12/16/2018 12:38:00 AM	EPTC	n/a	<	0.034	µg/L	EPA 525.2	0.034	2	WKL	
MO-OJA	2018/19-2	Wet	11/29/2018 6:10:00 AM	12/19/2018 3:28:00 PM	Ethoprop	n/a	<	0.0067	µg/L	EPA 525.2m	0.0067	0.01	WKL	
MO-OJA	2018/19-2	Wet	11/29/2018 6:10:00 AM	12/19/2018 3:28:00 PM	Ethyl parathion	n/a	<	0.0054	µg/L	EPA 525.2m	0.0054	0.01	WKL	
MO-OJA	2018/19-2	Wet	11/29/2018 6:10:00 AM	12/19/2018 3:28:00 PM	Fensulfothion	n/a	<	0.0029	µg/L	EPA 525.2m	0.0029	0.01	WKL	
MO-OJA	2018/19-2	Wet	11/29/2018 6:10:00 AM	12/19/2018 3:28:00 PM	Fenthion	n/a	<	0.0038	µg/L	EPA 525.2m	0.0038	0.01	WKL	
MO-OJA	2018/19-2	Wet	11/29/2018 6:10:00 AM	12/27/2018 2:04:00 AM	gamma-BHC (Lindane)	n/a	<	0.021	µg/L	EPA 608	0.021	0.2	WKL	
MO-OJA	2018/19-2	Wet	11/29/2018 6:10:00 AM	12/27/2018 2:04:00 AM	gamma-Chlordane	n/a	<	0.044	µg/L	EPA 608	0.044	0.1	WKL	
MO-OJA	2018/19-2	Wet	11/29/2018 6:10:00 AM	12/7/2018 11:18:00 AM	Glyphosate	n/a	<	18	µg/L	EPA 547	18	50	WKL	
MO-OJA	2018/19-2	Wet	11/29/2018 6:10:00 AM	12/27/2018 2:04:00 AM	Heptachlor	n/a	<	0.017	µg/L	EPA 608	0.017	0.1	WKL	
MO-OJA	2018/19-2	Wet	11/29/2018 6:10:00 AM	12/27/2018 2:04:00 AM	Heptachlor epoxide	n/a	<	0.019	µg/L	EPA 608	0.019	0.1	WKL	
MO-OJA	2018/19-2	Wet	11/29/2018 6:10:00 AM	12/19/2018 3:28:00 PM	Malathion	n/a	<	0.0076	µg/L	EPA 525.2m	0.0076	0.01	WKL	
MO-OJA	2018/19-2	Wet	11/29/2018 6:10:00 AM	12/19/2018 3:28:00 PM	Merphos	n/a	<	0.0058	µg/L	EPA 525.2m	0.0058	0.01	WKL	
MO-OJA	2018/19-2	Wet	11/29/2018 6:10:00 AM	12/27/2018 2:04:00 AM	Methoxychlor	n/a	<	0.054	µg/L	EPA 608	0.054	0.2	WKL	
MO-OJA	2018/19-2	Wet	11/29/2018 6:10:00 AM	12/19/2018 3:28:00 PM	Methyl parathion	n/a	<	0.0063	µg/L	EPA 525.2m	0.0063	0.01	WKL	
MO-OJA	2018/19-2	Wet	11/29/2018 6:10:00 AM	12/16/2018 12:38:00 AM	Metolachlor	n/a	<	0.024	µg/L	EPA 525.2	0.024	0.2	WKL	
MO-OJA	2018/19-2	Wet	11/29/2018 6:10:00 AM	12/16/2018 12:38:00 AM	Metribuzin	n/a	DNQ	0.16	µg/L	EPA 525.2	0.03	0.2	WKL	
MO-OJA	2018/19-2	Wet	11/29/2018 6:10:00 AM	12/19/2018 3:28:00 PM	Mevinphos	n/a	<	0.0042	µg/L	EPA 525.2m	0.0042	0.01	WKL	
MO-OJA	2018/19-2	Wet	11/29/2018 6:10:00 AM	12/16/2018 12:38:00 AM	Molinate	n/a	<	0.078	µg/L	EPA 525.2	0.078	0.2	WKL	

Appendix G
Laboratory Environmental Analysis Results

Site ID	Event	Event Type	Sample Date	Analysis Date	Constituent	Fraction	Sign	Result	Units	Method	MDL	Reporting Limit	Analyzing Laboratory	Qualifier
MO-OJA	2018/19-2	Wet	11/29/2018 6:10:00 AM	12/19/2018 3:28:00 PM	Naled	n/a	<	0.0076	µg/L	EPA 525.2m	0.0076	0.01	WKL	
MO-OJA	2018/19-2	Wet	11/29/2018 6:10:00 AM	1/11/2019 12:20:00 PM	Pentachlorophenol	n/a	DNQ	0.83	µg/L	EPA 8270C	0.15	1	WKL	UL-MB
MO-OJA	2018/19-2	Wet	11/29/2018 6:10:00 AM	12/19/2018 3:48:00 AM	Pentachlorophenol	n/a	=	0.23	µg/L	EPA 515.3	0.04	0.2	WKL	
MO-OJA	2018/19-2	Wet	11/29/2018 6:10:00 AM	1/6/2019 11:03:00 PM	Pentachlorophenol	n/a	DNQ	2.7	µg/L	EPA 625	0.95	5	WKL	
MO-OJA	2018/19-2	Wet	11/29/2018 6:10:00 AM	12/19/2018 3:28:00 PM	Phorate	n/a	<	0.003	µg/L	EPA 525.2m	0.003	0.01	WKL	
MO-OJA	2018/19-2	Wet	11/29/2018 6:10:00 AM	12/19/2018 3:48:00 AM	Picloram	n/a	<	0.05	µg/L	EPA 515.3	0.05	0.6	WKL	
MO-OJA	2018/19-2	Wet	11/29/2018 6:10:00 AM	12/16/2018 12:38:00 AM	Prometon	n/a	<	0.048	µg/L	EPA 525.2	0.048	0.4	WKL	
MO-OJA	2018/19-2	Wet	11/29/2018 6:10:00 AM	12/16/2018 12:38:00 AM	Prometryn	n/a	<	0.072	µg/L	EPA 525.2	0.072	0.2	WKL	
MO-OJA	2018/19-2	Wet	11/29/2018 6:10:00 AM	12/19/2018 3:28:00 PM	Ronnel (Fenchlorphos)	n/a	<	0.0041	µg/L	EPA 525.2m	0.0041	0.01	WKL	
MO-OJA	2018/19-2	Wet	11/29/2018 6:10:00 AM	12/16/2018 12:38:00 AM	Simazine	n/a	<	0.03	µg/L	EPA 525.2	0.03	0.2	WKL	
MO-OJA	2018/19-2	Wet	11/29/2018 6:10:00 AM	12/19/2018 3:28:00 PM	Stirophos (Tetrachlorvinphos)	n/a	<	0.0031	µg/L	EPA 525.2m	0.0031	0.01	WKL	
MO-OJA	2018/19-2	Wet	11/29/2018 6:10:00 AM	12/16/2018 12:38:00 AM	Terbacil	n/a	<	1.1	µg/L	EPA 525.2	1.1	4	WKL	
MO-OJA	2018/19-2	Wet	11/29/2018 6:10:00 AM	12/16/2018 12:38:00 AM	Thiobencarb	n/a	<	0.05	µg/L	EPA 525.2	0.05	0.4	WKL	
MO-OJA	2018/19-2	Wet	11/29/2018 6:10:00 AM	12/19/2018 6:10:00 AM	Tokuthion	n/a	<	0.0078	µg/L	EPA 525.2m	0.0078	0.01	WKL	
MO-OJA	2018/19-2	Wet	11/29/2018 6:10:00 AM	12/27/2018 2:04:00 AM	Toxaphene	n/a	<	1.2	µg/L	EPA 608	1.2	5	WKL	
MO-OJA	2018/19-2	Wet	11/29/2018 6:10:00 AM	12/19/2018 3:28:00 PM	Trichloronate	n/a	<	0.0067	µg/L	EPA 525.2m	0.0067	0.01	WKL	
MO-OJA	2018/19-2	Wet	11/29/2018 6:10:00 AM	12/16/2018 12:38:00 AM	Trithion	n/a	<	0.024	µg/L	EPA 525.2	0.024	0.2	WKL	
MO-OJA	2018/19-3	Wet	1/5/2019 7:15:00 PM	1/6/2019 5:20:00 PM	E. Coli	n/a	=	19863	MPN/100 mL	MMO-MUG	10	10	VCHCA	
MO-OJA	2018/19-3	Wet	1/5/2019 7:15:00 PM	1/6/2019 5:20:00 PM	Total Coliform	n/a	=	111990	MPN/100 mL	MMO-MUG	100	100	VCHCA	
MO-OJA	2018/19-3	Wet	1/5/2019 7:15:00 PM	1/5/2019 7:15:00 PM	Conductivity	n/a	=	37.1	µmhos/cm	Field Meter	-88	1	Field Crew	
MO-OJA	2018/19-3	Wet	1/5/2019 7:15:00 PM	1/11/2019 4:34:00 PM	Cyanide	Total	DNQ	0.0006	mg/L	ASTM D7511	0.0005	0.002	WKL	
MO-OJA	2018/19-3	Wet	1/5/2019 7:15:00 PM	1/5/2019 7:15:00 PM	DO	n/a	=	95.9	%	Field Meter	-88	0.1	Field Crew	
MO-OJA	2018/19-3	Wet	1/5/2019 7:15:00 PM	1/5/2019 7:15:00 PM	DO	n/a	=	10.86	mg/L	Field Meter	-88	0.3	Field Crew	
MO-OJA	2018/19-3	Wet	1/5/2019 7:15:00 PM	1/5/2019 7:15:00 PM	pH	n/a	=	7.09	pH Units	Field Meter	-88	0.01	Field Crew	
MO-OJA	2018/19-3	Wet	1/5/2019 7:15:00 PM	1/5/2019 7:15:00 PM	Salinity	n/a	<	100	mg/L	Field Meter	-88	100	Field Crew	
MO-OJA	2018/19-3	Wet	1/5/2019 7:15:00 PM	1/5/2019 7:15:00 PM	Specific Conductance	n/a	=	52.3	µmhos/cm	Field Meter	-88	1	Field Crew	
MO-OJA	2018/19-3	Wet	1/5/2019 7:15:00 PM	1/5/2019 7:15:00 PM	Temperature	n/a	=	9.9	°C	Field Meter	-88	0.1	Field Crew	
MO-OJA	2018/19-3	Wet	1/5/2019 7:15:00 PM	1/12/2019 8:00:00 AM	Gasoline Range Organics	n/a	<	0.012	mg/L	LUFT GC/MS	0.012	0.1	WKL	
MO-OJA	2018/19-3	Wet	1/5/2019 7:15:00 PM	1/11/2019 3:00:00 PM	Oil and Grease	n/a	<	1.3	mg/L	EPA 1664A	1.3	5	WKL	
MO-OJA	2018/19-3	Wet	1/5/2019 7:15:00 PM	1/8/2019 6:41:00 PM	2-Chloroethyl vinyl ether	n/a	<	0.28	µg/L	EPA 624	0.28	1	WKL	
MO-OJA	2018/19-3	Wet	1/5/2019 7:15:00 PM	1/8/2019 6:41:00 PM	Methyl tert-butyl ether (MTBE)	n/a	<	0.25	µg/L	EPA 624	0.25	1	WKL	
MO-OJA	2018/19-3	Wet	1/6/2019 8:36:00 AM	1/15/2019 10:00:00 PM	Chloride	n/a	=	3	mg/L	EPA 300.0	0.1	0.5	WKL	
MO-OJA	2018/19-3	Wet	1/6/2019 8:36:00 AM	1/15/2019 10:00:00 PM	Fluoride	n/a	DNQ	0.029	mg/L	EPA 300.0	0.02	0.1	WKL	
MO-OJA	2018/19-3	Wet	1/6/2019 8:36:00 AM	1/9/2019 5:32:00 AM	Perchlorate	n/a	<	0.95	µg/L	EPA 314.0	0.95	2	WKL	
MO-OJA	2018/19-3	Wet	1/6/2019 8:36:00 AM	1/15/2019 10:00:00 PM	Sulfate	Total	=	4.9	mg/L	EPA 300.0	0.1	0.5	WKL	
MO-OJA	2018/19-3	Wet	1/6/2019 8:36:00 AM	1/30/2019 9:58:00 PM	Calcium	Total	=	9.66	mg/L	EPA 200.7	0.016	0.1	WKL	
MO-OJA	2018/19-3	Wet	1/6/2019 8:36:00 AM	1/30/2019 9:58:00 PM	Magnesium	Total	=	2.5	mg/L	EPA 200.7	0.012	0.1	WKL	
MO-OJA	2018/19-3	Wet	1/6/2019 8:36:00 AM	1/30/2019 9:58:00 PM	Potassium	Total	=	3.8	mg/L	EPA 200.7	0.081	0.1	WKL	
MO-OJA	2018/19-3	Wet	1/6/2019 8:36:00 AM	1/30/2019 9:58:00 PM	Sodium	Total	=	2.8	mg/L	EPA 200.7	0.015	0.5	WKL	
MO-OJA	2018/19-3	Wet	1/6/2019 8:36:00 AM	1/11/2019 3:58:00 PM	Alkalinity as CaCO3	n/a	=	29	mg/L	SM 2320 B	0.56	2	WKL	
MO-OJA	2018/19-3	Wet	1/6/2019 8:36:00 AM	1/12/2019 12:27:00 PM	BOD	n/a	=	17	mg/L	SM 5210 B	2	2	WKL	
MO-OJA	2018/19-3	Wet	1/6/2019 8:36:00 AM	1/17/2019 11:30:00 AM	COD	n/a	=	84	mg/L	EPA 410.4	0.73	5	WKL	
MO-OJA	2018/19-3	Wet	1/6/2019 8:36:00 AM	1/31/2019 4:14:00 AM	Dissolved Inorganic Carbon	Dissolved	=	7	mg/L	SM 5310 B	0.65	1	TestAmerica	
MO-OJA	2018/19-3	Wet	1/6/2019 8:36:00 AM	1/31/2019 12:16:14 PM	Dissolved Organic Carbon	Dissolved	=	12	mg/L	SM 5310 B	0.65	1	TestAmerica	
MO-OJA	2018/19-3	Wet	1/6/2019 8:36:00 AM	1/30/2019 9:58:00 PM	Hardness as CaCO3	Total	=	34.4	mg/L	EPA 200.7	0.0894	0.662	WKL	
MO-OJA	2018/19-3	Wet	1/6/2019 8:36:00 AM	1/7/2019 2:48:00 PM	MBAS	n/a	=	0.1	mg/L	SM 5540 C	0.019	0.05	WKL	
MO-OJA	2018/19-3	Wet	1/6/2019 8:36:00 AM	1/17/2019 5:46:00 PM	Phenolics	n/a	=	0.017	mg/L	EPA 420.4	0.0042	0.01	WKL	
MO-OJA	2018/19-3	Wet	1/6/2019 8:36:00 AM	1/16/2019 2:10:00 PM	Specific Conductance	n/a	=	87	µmhos/cm	SM 2510 B	0.23	2	WKL	

Appendix G
Laboratory Environmental Analysis Results

Site ID	Event	Event Type	Sample Date	Analysis Date	Constituent	Fraction	Sign	Result	Units	Method	MDL	Reporting Limit	Analyzing Laboratory	Qualifier
MO-OJA	2018/19-3	Wet	1/6/2019 8:36:00 AM	1/7/2019 6:56:00 PM	Total Chlorine Residual	n/a	DNQ	0.006	mg/L	SM 4500-Cl G	0.0015	0.05	WKL	EST-HT, UL-MB
MO-OJA	2018/19-3	Wet	1/6/2019 8:36:00 AM	1/10/2019 2:32:00 PM	Total Dissolved Solids	n/a	=	67	mg/L	SM 2540 C	4	10	WKL	
MO-OJA	2018/19-3	Wet	1/6/2019 8:36:00 AM	1/31/2019 2:19:00 PM	Total Organic Carbon	n/a	=	13	mg/L	SM 5310 B	0.21	0.3	MCA	
MO-OJA	2018/19-3	Wet	1/6/2019 8:36:00 AM	1/8/2019 1:30:00 PM	Total Suspended Solids	n/a	=	220	mg/L	SM 2540 D	-88	5	WKL	
MO-OJA	2018/19-3	Wet	1/6/2019 8:36:00 AM	1/7/2019 11:44:00 AM	Turbidity	n/a	=	100	NTU	EPA 180.1	0.12	0.5	WKL	
MO-OJA	2018/19-3	Wet	1/6/2019 8:36:00 AM	1/8/2019 1:30:00 PM	Volatile Suspended Solids	n/a	=	51	mg/L	EPA 160.4	3.1	5	WKL	
MO-OJA	2018/19-3	Wet	1/6/2019 8:36:00 AM	1/23/2019 12:24:00 AM	Diesel Range Organics	n/a	DNQ	0.25	mg/L	EPA 8015D	0.12	0.5	WKL	UL-MB
MO-OJA	2018/19-3	Wet	1/6/2019 8:36:00 AM	1/23/2019 12:24:00 AM	Oil Range Organics	n/a	<	1.6	mg/L	EPA 8015D	1.6	2.5	WKL	
MO-OJA	2018/19-3	Wet	1/6/2019 8:36:00 AM	2/4/2019 5:08:00 PM	Aluminum	Dissolved	=	58	µg/L	EPA 200.8	1.3	5	WKL	
MO-OJA	2018/19-3	Wet	1/6/2019 8:36:00 AM	2/4/2019 5:15:00 PM	Aluminum	Total	=	3800	µg/L	EPA 200.8	1.3	5	WKL	HB-MSR
MO-OJA	2018/19-3	Wet	1/6/2019 8:36:00 AM	2/4/2019 5:08:00 PM	Antimony	Dissolved	DNQ	0.24	µg/L	EPA 200.8	0.045	0.5	WKL	
MO-OJA	2018/19-3	Wet	1/6/2019 8:36:00 AM	2/4/2019 5:15:00 PM	Antimony	Total	=	0.5	µg/L	EPA 200.8	0.045	0.5	WKL	
MO-OJA	2018/19-3	Wet	1/6/2019 8:36:00 AM	2/4/2019 5:08:00 PM	Arsenic	Dissolved	=	0.56	µg/L	EPA 200.8	0.074	0.4	WKL	
MO-OJA	2018/19-3	Wet	1/6/2019 8:36:00 AM	2/4/2019 5:15:00 PM	Arsenic	Total	=	1.6	µg/L	EPA 200.8	0.074	0.4	WKL	
MO-OJA	2018/19-3	Wet	1/6/2019 8:36:00 AM	2/4/2019 5:15:00 PM	Barium	Total	=	59	µg/L	EPA 200.8	0.071	0.5	WKL	
MO-OJA	2018/19-3	Wet	1/6/2019 8:36:00 AM	2/4/2019 5:08:00 PM	Beryllium	Dissolved	<	0.033	µg/L	EPA 200.8	0.033	0.1	WKL	
MO-OJA	2018/19-3	Wet	1/6/2019 8:36:00 AM	2/4/2019 5:15:00 PM	Beryllium	Total	=	0.14	µg/L	EPA 200.8	0.033	0.1	WKL	
MO-OJA	2018/19-3	Wet	1/6/2019 8:36:00 AM	2/4/2019 5:08:00 PM	Cadmium	Dissolved	<	0.041	µg/L	EPA 200.8	0.041	0.1	WKL	
MO-OJA	2018/19-3	Wet	1/6/2019 8:36:00 AM	2/4/2019 5:15:00 PM	Cadmium	Total	=	0.12	µg/L	EPA 200.8	0.041	0.1	WKL	
MO-OJA	2018/19-3	Wet	1/6/2019 8:36:00 AM	2/4/2019 5:08:00 PM	Chromium	Dissolved	=	0.34	µg/L	EPA 200.8	0.035	0.2	WKL	
MO-OJA	2018/19-3	Wet	1/6/2019 8:36:00 AM	2/4/2019 5:15:00 PM	Chromium	Total	=	5	µg/L	EPA 200.8	0.035	0.2	WKL	
MO-OJA	2018/19-3	Wet	1/6/2019 8:36:00 AM	1/18/2019 5:04:00 PM	Chromium VI	n/a	=	0.17	µg/L	EPA 218.6	0.0096	0.04	WKL	
MO-OJA	2018/19-3	Wet	1/6/2019 8:36:00 AM	2/4/2019 5:08:00 PM	Copper	Dissolved	=	5.1	µg/L	EPA 200.8	0.13	0.5	WKL	
MO-OJA	2018/19-3	Wet	1/6/2019 8:36:00 AM	2/4/2019 5:15:00 PM	Copper	Total	=	14	µg/L	EPA 200.8	0.13	0.5	WKL	
MO-OJA	2018/19-3	Wet	1/6/2019 8:36:00 AM	1/30/2019 9:15:00 PM	Iron	Dissolved	=	82	µg/L	EPA 200.7	1.1	10	WKL	
MO-OJA	2018/19-3	Wet	1/6/2019 8:36:00 AM	1/30/2019 9:58:00 PM	Iron	Total	=	4700	µg/L	EPA 200.7	1.1	10	WKL	
MO-OJA	2018/19-3	Wet	1/6/2019 8:36:00 AM	2/4/2019 5:08:00 PM	Lead	Dissolved	=	0.29	µg/L	EPA 200.8	0.031	0.2	WKL	
MO-OJA	2018/19-3	Wet	1/6/2019 8:36:00 AM	2/4/2019 5:15:00 PM	Lead	Total	=	5.2	µg/L	EPA 200.8	0.031	0.2	WKL	
MO-OJA	2018/19-3	Wet	1/6/2019 8:36:00 AM	1/10/2019 4:00:00 PM	Mercury	Dissolved	<	17	ng/L	EPA 245.1	17	50	WKL	
MO-OJA	2018/19-3	Wet	1/6/2019 8:36:00 AM	1/10/2019 4:02:00 PM	Mercury	Total	DNQ	24	ng/L	EPA 245.1	17	50	WKL	
MO-OJA	2018/19-3	Wet	1/6/2019 8:36:00 AM	2/4/2019 5:08:00 PM	Nickel	Dissolved	=	1.2	µg/L	EPA 200.8	0.045	0.8	WKL	
MO-OJA	2018/19-3	Wet	1/6/2019 8:36:00 AM	2/4/2019 5:15:00 PM	Nickel	Total	=	6.6	µg/L	EPA 200.8	0.045	0.8	WKL	
MO-OJA	2018/19-3	Wet	1/6/2019 8:36:00 AM	2/4/2019 5:08:00 PM	Selenium	Dissolved	<	0.14	µg/L	EPA 200.8	0.14	0.4	WKL	
MO-OJA	2018/19-3	Wet	1/6/2019 8:36:00 AM	2/4/2019 5:15:00 PM	Selenium	Total	DNQ	0.14	µg/L	EPA 200.8	0.14	0.4	WKL	
MO-OJA	2018/19-3	Wet	1/6/2019 8:36:00 AM	2/4/2019 5:08:00 PM	Silver	Dissolved	<	0.062	µg/L	EPA 200.8	0.062	0.2	WKL	
MO-OJA	2018/19-3	Wet	1/6/2019 8:36:00 AM	2/4/2019 5:15:00 PM	Silver	Total	<	0.062	µg/L	EPA 200.8	0.062	0.2	WKL	
MO-OJA	2018/19-3	Wet	1/6/2019 8:36:00 AM	2/4/2019 5:08:00 PM	Thallium	Dissolved	<	0.014	µg/L	EPA 200.8	0.014	0.2	WKL	
MO-OJA	2018/19-3	Wet	1/6/2019 8:36:00 AM	2/4/2019 5:15:00 PM	Thallium	Total	DNQ	0.04	µg/L	EPA 200.8	0.014	0.2	WKL	
MO-OJA	2018/19-3	Wet	1/6/2019 8:36:00 AM	2/4/2019 5:08:00 PM	Zinc	Dissolved	=	12	µg/L	EPA 200.8	0.94	5	WKL	
MO-OJA	2018/19-3	Wet	1/6/2019 8:36:00 AM	2/4/2019 5:15:00 PM	Zinc	Total	=	70	µg/L	EPA 200.8	0.94	5	WKL	
MO-OJA	2018/19-3	Wet	1/6/2019 8:36:00 AM	1/15/2019 6:47:00 PM	Ammonia as N	n/a	=	0.37	mg/L	EPA 350.1	0.048	0.1	WKL	
MO-OJA	2018/19-3	Wet	1/6/2019 8:36:00 AM	1/12/2019 10:04:00 AM	Nitrate + Nitrite as N	n/a	=	0.45	mg/L	EPA 353.2	0.083	0.2	WKL	
MO-OJA	2018/19-3	Wet	1/6/2019 8:36:00 AM	1/17/2019 6:42:00 PM	Phosphorus as P	Dissolved	=	0.21	mg/L	EPA 200.7	0.012	0.02	WKL	
MO-OJA	2018/19-3	Wet	1/6/2019 8:36:00 AM	1/17/2019 6:45:00 PM	Phosphorus as P	Total	=	0.49	mg/L	EPA 200.7	0.012	0.02	WKL	
MO-OJA	2018/19-3	Wet	1/6/2019 8:36:00 AM	1/12/2019 1:50:00 PM	TKN	n/a	=	1.1	mg/L	EPA 351.2	0.05	0.1	WKL	
MO-OJA	2018/19-3	Wet	1/6/2019 8:36:00 AM	1/30/2019 8:36:00 AM	1,2,4-Trichlorobenzene	n/a	<	2.8	µg/L	EPA 625	2.8	5	WKL	
MO-OJA	2018/19-3	Wet	1/6/2019 8:36:00 AM	1/30/2019 2:47:00 AM	1,2-Dichlorobenzene	n/a	<	2.8	µg/L	EPA 625	2.8	5	WKL	
MO-OJA	2018/19-3	Wet	1/6/2019 8:36:00 AM	1/30/2019 2:47:00 AM	1,2-Diphenylhydrazine	n/a	<	1.2	µg/L	EPA 625	1.2	5	WKL	

Appendix G
Laboratory Environmental Analysis Results

Site ID	Event	Event Type	Sample Date	Analysis Date	Constituent	Fraction	Sign	Result	Units	Method	MDL	Reporting Limit	Analyzing Laboratory	Qualifier
MO-OJA	2018/19-3	Wet	1/6/2019 8:36:00 AM	1/30/2019 2:47:00 AM	1,3-Dichlorobenzene	n/a	<	2.6	µg/L	EPA 625	2.6	5	WKL	
MO-OJA	2018/19-3	Wet	1/6/2019 8:36:00 AM	1/30/2019 2:47:00 AM	1,4-Dichlorobenzene	n/a	<	2.8	µg/L	EPA 625	2.8	5	WKL	
MO-OJA	2018/19-3	Wet	1/6/2019 8:36:00 AM	2/1/2019 10:33:00 PM	1-Methylnaphthalene	n/a	<	0.5	µg/L	EPA 8270C	0.5	0.5	WKL	
MO-OJA	2018/19-3	Wet	1/6/2019 8:36:00 AM	2/5/2019 10:52:00 PM	2,4,5-Trichlorophenol	n/a	<	1.4	µg/L	EPA 8270C	1.4	5	WKL	
MO-OJA	2018/19-3	Wet	1/6/2019 8:36:00 AM	2/5/2019 10:52:00 PM	2,4,6-Trichlorophenol	n/a	<	1.5	µg/L	EPA 8270C	1.5	5	WKL	
MO-OJA	2018/19-3	Wet	1/6/2019 8:36:00 AM	1/30/2019 2:47:00 AM	2,4,6-Trichlorophenol	n/a	<	1.1	µg/L	EPA 625	1.1	5	WKL	
MO-OJA	2018/19-3	Wet	1/6/2019 8:36:00 AM	1/30/2019 2:47:00 AM	2,4-Dichlorophenol	n/a	<	1.3	µg/L	EPA 625	1.3	5	WKL	
MO-OJA	2018/19-3	Wet	1/6/2019 8:36:00 AM	2/5/2019 10:52:00 PM	2,4-Dichlorophenol	n/a	<	2.6	µg/L	EPA 8270C	2.6	5	WKL	
MO-OJA	2018/19-3	Wet	1/6/2019 8:36:00 AM	1/30/2019 2:47:00 AM	2,4-Dimethylphenol	n/a	<	1.5	µg/L	EPA 625	1.5	5	WKL	
MO-OJA	2018/19-3	Wet	1/6/2019 8:36:00 AM	2/5/2019 10:52:00 PM	2,4-Dimethylphenol	n/a	<	5	µg/L	EPA 8270C	5	10	WKL	
MO-OJA	2018/19-3	Wet	1/6/2019 8:36:00 AM	2/5/2019 10:52:00 PM	2,4-Dinitrophenol	n/a	<	5	µg/L	EPA 8270C	5	10	WKL	
MO-OJA	2018/19-3	Wet	1/6/2019 8:36:00 AM	1/30/2019 2:47:00 AM	2,4-Dinitrophenol	n/a	<	7.9	µg/L	EPA 625	7.9	50	WKL	
MO-OJA	2018/19-3	Wet	1/6/2019 8:36:00 AM	1/30/2019 2:47:00 AM	2,4-Dinitrotoluene	n/a	<	0.9	µg/L	EPA 625	0.9	5	WKL	
MO-OJA	2018/19-3	Wet	1/6/2019 8:36:00 AM	1/30/2019 2:47:00 AM	2,6-Dinitrotoluene	n/a	<	1.4	µg/L	EPA 625	1.4	5	WKL	
MO-OJA	2018/19-3	Wet	1/6/2019 8:36:00 AM	1/30/2019 2:47:00 AM	2-Chloronaphthalene	n/a	<	2.2	µg/L	EPA 625	2.2	5	WKL	
MO-OJA	2018/19-3	Wet	1/6/2019 8:36:00 AM	2/5/2019 10:52:00 PM	2-Chlorophenol	n/a	<	3.2	µg/L	EPA 8270C	3.2	5	WKL	
MO-OJA	2018/19-3	Wet	1/6/2019 8:36:00 AM	1/30/2019 2:47:00 AM	2-Chlorophenol	n/a	<	1.4	µg/L	EPA 625	1.4	5	WKL	
MO-OJA	2018/19-3	Wet	1/6/2019 8:36:00 AM	2/1/2019 10:33:00 PM	2-Methylnaphthalene	n/a	<	0.5	µg/L	EPA 8270C	0.5	0.5	WKL	
MO-OJA	2018/19-3	Wet	1/6/2019 8:36:00 AM	2/5/2019 10:52:00 PM	2-Methylphenol	n/a	<	1.7	µg/L	EPA 8270C	1.7	5	WKL	
MO-OJA	2018/19-3	Wet	1/6/2019 8:36:00 AM	1/30/2019 2:47:00 AM	2-Nitrophenol	n/a	<	1.3	µg/L	EPA 625	1.3	5	WKL	
MO-OJA	2018/19-3	Wet	1/6/2019 8:36:00 AM	2/5/2019 10:52:00 PM	2-Nitrophenol	n/a	<	3.6	µg/L	EPA 8270C	3.6	5	WKL	
MO-OJA	2018/19-3	Wet	1/6/2019 8:36:00 AM	1/30/2019 2:47:00 AM	3,3'-Dichlorobenzidine	n/a	<	6	µg/L	EPA 625	6	25	WKL	
MO-OJA	2018/19-3	Wet	1/6/2019 8:36:00 AM	2/5/2019 10:52:00 PM	3-/4-Methylphenol	n/a	<	1.5	µg/L	EPA 8270C	1.5	5	WKL	
MO-OJA	2018/19-3	Wet	1/6/2019 8:36:00 AM	1/30/2019 2:47:00 AM	4,6-Dinitro-2-methylphenol	n/a	<	8.6	µg/L	EPA 625	8.6	25	WKL	
MO-OJA	2018/19-3	Wet	1/6/2019 8:36:00 AM	2/5/2019 10:52:00 PM	4,6-Dinitro-2-methylphenol	n/a	<	0.7	µg/L	EPA 8270C	0.7	5	WKL	
MO-OJA	2018/19-3	Wet	1/6/2019 8:36:00 AM	1/30/2019 2:47:00 AM	4-Bromophenyl phenyl ether	n/a	<	1.8	µg/L	EPA 625	1.8	5	WKL	
MO-OJA	2018/19-3	Wet	1/6/2019 8:36:00 AM	1/30/2019 2:47:00 AM	4-Chloro-3-methylphenol	n/a	<	1.2	µg/L	EPA 625	1.2	5	WKL	
MO-OJA	2018/19-3	Wet	1/6/2019 8:36:00 AM	2/5/2019 10:52:00 PM	4-Chloro-3-methylphenol	n/a	<	1.8	µg/L	EPA 8270C	1.8	5	WKL	
MO-OJA	2018/19-3	Wet	1/6/2019 8:36:00 AM	1/30/2019 2:47:00 AM	4-Chlorophenyl phenyl ether	n/a	<	2	µg/L	EPA 625	2	5	WKL	
MO-OJA	2018/19-3	Wet	1/6/2019 8:36:00 AM	1/30/2019 2:47:00 AM	4-Nitrophenol	n/a	<	2.2	µg/L	EPA 625	2.2	25	WKL	
MO-OJA	2018/19-3	Wet	1/6/2019 8:36:00 AM	2/5/2019 10:52:00 PM	4-Nitrophenol	n/a	<	5	µg/L	EPA 8270C	5	10	WKL	
MO-OJA	2018/19-3	Wet	1/6/2019 8:36:00 AM	2/1/2019 10:33:00 PM	Acenaphthene	n/a	<	0.5	µg/L	EPA 8270C	0.5	0.5	WKL	
MO-OJA	2018/19-3	Wet	1/6/2019 8:36:00 AM	1/30/2019 2:47:00 AM	Acenaphthene	n/a	<	1.9	µg/L	EPA 625	1.9	5	WKL	
MO-OJA	2018/19-3	Wet	1/6/2019 8:36:00 AM	1/30/2019 2:47:00 AM	Acenaphthylene	n/a	<	2	µg/L	EPA 625	2	5	WKL	
MO-OJA	2018/19-3	Wet	1/6/2019 8:36:00 AM	2/1/2019 10:33:00 PM	Acenaphthylene	n/a	<	0.5	µg/L	EPA 8270C	0.5	0.5	WKL	
MO-OJA	2018/19-3	Wet	1/6/2019 8:36:00 AM	1/30/2019 2:47:00 AM	Anthracene	n/a	<	1.7	µg/L	EPA 625	1.7	5	WKL	
MO-OJA	2018/19-3	Wet	1/6/2019 8:36:00 AM	2/1/2019 10:33:00 PM	Anthracene	n/a	<	0.5	µg/L	EPA 8270C	0.5	0.5	WKL	
MO-OJA	2018/19-3	Wet	1/6/2019 8:36:00 AM	1/30/2019 8:36:00 AM	Benz(a)anthracene	n/a	<	0.95	µg/L	EPA 625	0.95	5	WKL	
MO-OJA	2018/19-3	Wet	1/6/2019 8:36:00 AM	2/1/2019 10:33:00 PM	Benz(a)anthracene	n/a	<	0.5	µg/L	EPA 8270C	0.5	0.5	WKL	
MO-OJA	2018/19-3	Wet	1/6/2019 8:36:00 AM	1/30/2019 2:47:00 AM	Benzenzidine	n/a	<	18	µg/L	EPA 625	18	50	WKL	
MO-OJA	2018/19-3	Wet	1/6/2019 8:36:00 AM	2/1/2019 10:50:00 PM	Benzo(a)pyrene	n/a	<	0.35	µg/L	EPA 525.2	0.35	0.5	WKL	
MO-OJA	2018/19-3	Wet	1/6/2019 8:36:00 AM	2/1/2019 10:33:00 PM	Benzo(a)pyrene	n/a	<	0.5	µg/L	EPA 8270C	0.5	0.5	WKL	
MO-OJA	2018/19-3	Wet	1/6/2019 8:36:00 AM	1/30/2019 2:47:00 AM	Benzo(a)pyrene	n/a	<	0.65	µg/L	EPA 625	0.65	5	WKL	
MO-OJA	2018/19-3	Wet	1/6/2019 8:36:00 AM	1/30/2019 2:47:00 AM	Benzo(b)fluoranthene	n/a	<	0.7	µg/L	EPA 625	0.7	5	WKL	
MO-OJA	2018/19-3	Wet	1/6/2019 8:36:00 AM	2/1/2019 10:33:00 PM	Benzo(b)fluoranthene	n/a	<	0.5	µg/L	EPA 8270C	0.5	0.5	WKL	
MO-OJA	2018/19-3	Wet	1/6/2019 8:36:00 AM	1/30/2019 2:47:00 AM	Benzo(g,h,i)perylene	n/a	<	0.5	µg/L	EPA 625	0.5	10	WKL	
MO-OJA	2018/19-3	Wet	1/6/2019 8:36:00 AM	2/1/2019 10:33:00 PM	Benzo(g,h,i)perylene	n/a	<	0.5	µg/L	EPA 8270C	0.5	0.5	WKL	
MO-OJA	2018/19-3	Wet	1/6/2019 8:36:00 AM	1/30/2019 2:47:00 AM	Benzo(k)fluoranthene	n/a	<	1.1	µg/L	EPA 625	1.1	5	WKL	

Appendix G
Laboratory Environmental Analysis Results

Site ID	Event	Event Type	Sample Date	Analysis Date	Constituent	Fraction	Sign	Result	Units	Method	MDL	Reporting Limit	Analyzing Laboratory	Qualifier
MO-OJA	2018/19-3	Wet	1/6/2019 8:36:00 AM	2/1/2019 10:33:00 PM	Benzo(k)fluoranthene	n/a	<	0.5	µg/L	EPA 8270C	0.5	0.5	WKL	
MO-OJA	2018/19-3	Wet	1/6/2019 8:36:00 AM	1/30/2019 2:47:00 AM	Bis(2-chloroethoxy)methane	n/a	<	1.2	µg/L	EPA 625	1.2	5	WKL	
MO-OJA	2018/19-3	Wet	1/6/2019 8:36:00 AM	1/30/2019 2:47:00 AM	Bis(2-chloroethyl)ether	n/a	<	1.4	µg/L	EPA 625	1.4	5	WKL	
MO-OJA	2018/19-3	Wet	1/6/2019 8:36:00 AM	1/30/2019 2:47:00 AM	Bis(2-chloroisopropyl)ether	n/a	<	1.9	µg/L	EPA 625	1.9	5	WKL	
MO-OJA	2018/19-3	Wet	1/6/2019 8:36:00 AM	2/1/2019 10:50:00 PM	Bis(2-ethylhexyl)adipate	n/a	<	0.52	µg/L	EPA 525.2	0.52	25	WKL	
MO-OJA	2018/19-3	Wet	1/6/2019 8:36:00 AM	1/30/2019 2:47:00 AM	Bis(2-ethylhexyl)phthalate	n/a	<	12	µg/L	EPA 625	12	25	WKL	
MO-OJA	2018/19-3	Wet	1/6/2019 8:36:00 AM	2/1/2019 10:50:00 PM	Bis(2-ethylhexyl)phthalate	n/a	<	5.3	µg/L	EPA 525.2	5.3	15	WKL	
MO-OJA	2018/19-3	Wet	1/6/2019 8:36:00 AM	1/30/2019 2:47:00 AM	Butyl benzyl phthalate	n/a	<	0.9	µg/L	EPA 625	0.9	5	WKL	
MO-OJA	2018/19-3	Wet	1/6/2019 8:36:00 AM	1/30/2019 2:47:00 AM	Chrysene	n/a	<	0.95	µg/L	EPA 625	0.95	5	WKL	
MO-OJA	2018/19-3	Wet	1/6/2019 8:36:00 AM	2/1/2019 10:33:00 PM	Chrysene	n/a	<	0.5	µg/L	EPA 8270C	0.5	0.5	WKL	
MO-OJA	2018/19-3	Wet	1/6/2019 8:36:00 AM	1/30/2019 2:47:00 AM	Dibenz(a,h)anthracene	n/a	<	0.4	µg/L	EPA 625	0.4	10	WKL	
MO-OJA	2018/19-3	Wet	1/6/2019 8:36:00 AM	2/1/2019 10:33:00 PM	Dibenz(a,h)anthracene	n/a	<	0.5	µg/L	EPA 8270C	0.5	0.5	WKL	
MO-OJA	2018/19-3	Wet	1/6/2019 8:36:00 AM	1/30/2019 2:47:00 AM	Diethyl phthalate	n/a	<	0.75	µg/L	EPA 625	0.75	5	WKL	
MO-OJA	2018/19-3	Wet	1/6/2019 8:36:00 AM	1/30/2019 2:47:00 AM	Dimethyl phthalate	n/a	<	0.9	µg/L	EPA 625	0.9	5	WKL	
MO-OJA	2018/19-3	Wet	1/6/2019 8:36:00 AM	1/30/2019 2:47:00 AM	Di-n-butylphthalate	n/a	<	1.2	µg/L	EPA 625	1.2	5	WKL	
MO-OJA	2018/19-3	Wet	1/6/2019 8:36:00 AM	1/30/2019 2:47:00 AM	Di-n-octylphthalate	n/a	<	0.95	µg/L	EPA 625	0.95	5	WKL	
MO-OJA	2018/19-3	Wet	1/6/2019 8:36:00 AM	1/30/2019 2:47:00 AM	Fluoranthene	n/a	<	1.1	µg/L	EPA 625	1.1	5	WKL	
MO-OJA	2018/19-3	Wet	1/6/2019 8:36:00 AM	2/1/2019 10:33:00 PM	Fluoranthene	n/a	<	0.5	µg/L	EPA 8270C	0.5	0.5	WKL	
MO-OJA	2018/19-3	Wet	1/6/2019 8:36:00 AM	1/30/2019 2:47:00 AM	Fluorene	n/a	<	1.8	µg/L	EPA 625	1.8	5	WKL	
MO-OJA	2018/19-3	Wet	1/6/2019 8:36:00 AM	2/1/2019 10:33:00 PM	Fluorene	n/a	<	0.5	µg/L	EPA 8270C	0.5	0.5	WKL	
MO-OJA	2018/19-3	Wet	1/6/2019 8:36:00 AM	1/30/2019 2:47:00 AM	Hexachlorobenzene	n/a	<	2.4	µg/L	EPA 625	2.4	5	WKL	
MO-OJA	2018/19-3	Wet	1/6/2019 8:36:00 AM	1/30/2019 2:47:00 AM	Hexachlorobutadiene	n/a	<	2.4	µg/L	EPA 625	2.4	5	WKL	
MO-OJA	2018/19-3	Wet	1/6/2019 8:36:00 AM	1/30/2019 2:47:00 AM	Hexachlorocyclopentadiene	n/a	<	7.3	µg/L	EPA 625	7.3	25	WKL	
MO-OJA	2018/19-3	Wet	1/6/2019 8:36:00 AM	1/30/2019 2:47:00 AM	Hexachloroethane	n/a	<	2.6	µg/L	EPA 625	2.6	5	WKL	
MO-OJA	2018/19-3	Wet	1/6/2019 8:36:00 AM	1/30/2019 2:47:00 AM	Indeno(1,2,3-cd)pyrene	n/a	<	0.6	µg/L	EPA 625	0.6	10	WKL	
MO-OJA	2018/19-3	Wet	1/6/2019 8:36:00 AM	2/1/2019 10:33:00 PM	Indeno(1,2,3-cd)pyrene	n/a	<	0.5	µg/L	EPA 8270C	0.5	0.5	WKL	
MO-OJA	2018/19-3	Wet	1/6/2019 8:36:00 AM	1/30/2019 2:47:00 AM	Isophorone	n/a	<	1	µg/L	EPA 625	1	5	WKL	
MO-OJA	2018/19-3	Wet	1/6/2019 8:36:00 AM	1/30/2019 2:47:00 AM	Naphthalene	n/a	<	2.4	µg/L	EPA 625	2.4	5	WKL	
MO-OJA	2018/19-3	Wet	1/6/2019 8:36:00 AM	2/1/2019 10:33:00 PM	Naphthalene	n/a	<	0.5	µg/L	EPA 8270C	0.5	0.5	WKL	
MO-OJA	2018/19-3	Wet	1/6/2019 8:36:00 AM	1/30/2019 2:47:00 AM	Nitrobenzene	n/a	<	1.8	µg/L	EPA 625	1.8	5	WKL	
MO-OJA	2018/19-3	Wet	1/6/2019 8:36:00 AM	1/30/2019 2:47:00 AM	N-Nitrosodimethylamine	n/a	<	0.7	µg/L	EPA 625	0.7	5	WKL	
MO-OJA	2018/19-3	Wet	1/6/2019 8:36:00 AM	1/30/2019 2:47:00 AM	N-Nitrosodi-N-propylamine	n/a	<	1.3	µg/L	EPA 625	1.3	5	WKL	
MO-OJA	2018/19-3	Wet	1/6/2019 8:36:00 AM	1/30/2019 2:47:00 AM	N-Nitrosodiphenylamine	n/a	<	0.95	µg/L	EPA 625	0.95	5	WKL	
MO-OJA	2018/19-3	Wet	1/6/2019 8:36:00 AM	2/1/2019 10:33:00 PM	Phenanthrene	n/a	<	0.5	µg/L	EPA 8270C	0.5	0.5	WKL	
MO-OJA	2018/19-3	Wet	1/6/2019 8:36:00 AM	1/30/2019 2:47:00 AM	Phenanthrene	n/a	<	1.6	µg/L	EPA 625	1.6	5	WKL	
MO-OJA	2018/19-3	Wet	1/6/2019 8:36:00 AM	2/5/2019 10:52:00 PM	Phenol	n/a	<	1.8	µg/L	EPA 8270C	1.8	5	WKL	
MO-OJA	2018/19-3	Wet	1/6/2019 8:36:00 AM	1/30/2019 2:47:00 AM	Phenol	n/a	<	0.8	µg/L	EPA 625	0.8	5	WKL	
MO-OJA	2018/19-3	Wet	1/6/2019 8:36:00 AM	1/30/2019 2:47:00 AM	Pyrene	n/a	<	1.2	µg/L	EPA 625	1.2	5	WKL	
MO-OJA	2018/19-3	Wet	1/6/2019 8:36:00 AM	2/1/2019 10:33:00 PM	Pyrene	n/a	<	0.5	µg/L	EPA 8270C	0.5	0.5	WKL	
MO-OJA	2018/19-3	Wet	1/6/2019 8:36:00 AM	1/30/2019 9:36:00 PM	PCB Aroclor 1016	n/a	<	1	µg/L	EPA 608	1	10	WKL	
MO-OJA	2018/19-3	Wet	1/6/2019 8:36:00 AM	1/30/2019 9:36:00 PM	PCB Aroclor 1221	n/a	<	1.2	µg/L	EPA 608	1.2	10	WKL	
MO-OJA	2018/19-3	Wet	1/6/2019 8:36:00 AM	1/30/2019 9:36:00 PM	PCB Aroclor 1232	n/a	<	3	µg/L	EPA 608	3	10	WKL	
MO-OJA	2018/19-3	Wet	1/6/2019 8:36:00 AM	1/30/2019 9:36:00 PM	PCB Aroclor 1242	n/a	<	1.4	µg/L	EPA 608	1.4	10	WKL	
MO-OJA	2018/19-3	Wet	1/6/2019 8:36:00 AM	1/30/2019 9:36:00 PM	PCB Aroclor 1248	n/a	<	1.2	µg/L	EPA 608	1.2	10	WKL	
MO-OJA	2018/19-3	Wet	1/6/2019 8:36:00 AM	1/30/2019 9:36:00 PM	PCB Aroclor 1254	n/a	<	0.8	µg/L	EPA 608	0.8	10	WKL	
MO-OJA	2018/19-3	Wet	1/6/2019 8:36:00 AM	1/30/2019 9:36:00 PM	PCB Aroclor 1260	n/a	<	0.8	µg/L	EPA 608	0.8	10	WKL	
MO-OJA	2018/19-3	Wet	1/6/2019 8:36:00 AM	1/16/2019 6:21:00 AM	2,4,5-T	n/a	<	0.07	µg/L	EPA 515.3	0.07	0.2	WKL	
MO-OJA	2018/19-3	Wet	1/6/2019 8:36:00 AM	1/16/2019 6:21:00 AM	2,4,5-TP	n/a	<	0.09	µg/L	EPA 515.3	0.09	0.2	WKL	

Appendix G
Laboratory Environmental Analysis Results

Site ID	Event	Event Type	Sample Date	Analysis Date	Constituent	Fraction	Sign	Result	Units	Method	MDL	Reporting Limit	Analyzing Laboratory	Qualifier
MO-OJA	2018/19-3	Wet	1/6/2019 8:36:00 AM	1/16/2019 6:21:00 AM	2,4-D	n/a	<	0.07	µg/L	EPA 515.3	0.07	0.4	WKL	
MO-OJA	2018/19-3	Wet	1/6/2019 8:36:00 AM	1/16/2019 6:21:00 AM	2,4-DB	n/a	DNQ	0.39	µg/L	EPA 515.3	0.07	2	WKL	
MO-OJA	2018/19-3	Wet	1/6/2019 8:36:00 AM	1/16/2019 6:21:00 AM	3,5-Dichlorobenzoic acid	n/a	<	0.09	µg/L	EPA 515.3	0.09	1	WKL	
MO-OJA	2018/19-3	Wet	1/6/2019 8:36:00 AM	1/30/2019 9:36:00 PM	4,4'-DDD	n/a	<	0.06	µg/L	EPA 608	0.06	1	WKL	
MO-OJA	2018/19-3	Wet	1/6/2019 8:36:00 AM	1/30/2019 9:36:00 PM	4,4'-DDE	n/a	<	0.05	µg/L	EPA 608	0.05	1	WKL	
MO-OJA	2018/19-3	Wet	1/6/2019 8:36:00 AM	1/30/2019 9:36:00 PM	4,4'-DDT	n/a	<	0.062	µg/L	EPA 608	0.062	0.2	WKL	
MO-OJA	2018/19-3	Wet	1/6/2019 8:36:00 AM	1/16/2019 6:21:00 AM	Acifluorfen	n/a	<	0.06	µg/L	EPA 515.3	0.06	0.4	WKL	
MO-OJA	2018/19-3	Wet	1/6/2019 8:36:00 AM	2/1/2019 10:50:00 PM	Alachlor	n/a	<	0.11	µg/L	EPA 525.2	0.11	0.5	WKL	
MO-OJA	2018/19-3	Wet	1/6/2019 8:36:00 AM	1/30/2019 9:36:00 PM	Aldrin	n/a	<	0.03	µg/L	EPA 608	0.03	0.1	WKL	
MO-OJA	2018/19-3	Wet	1/6/2019 8:36:00 AM	1/30/2019 9:36:00 PM	alpha-BHC	n/a	<	0.036	µg/L	EPA 608	0.036	0.2	WKL	
MO-OJA	2018/19-3	Wet	1/6/2019 8:36:00 AM	1/30/2019 9:36:00 PM	alpha-Chlordane	n/a	<	0.082	µg/L	EPA 608	0.082	0.2	WKL	
MO-OJA	2018/19-3	Wet	1/6/2019 8:36:00 AM	2/1/2019 10:50:00 PM	Atrazine	n/a	<	0.17	µg/L	EPA 525.2	0.17	0.5	WKL	
MO-OJA	2018/19-3	Wet	1/6/2019 8:36:00 AM	1/26/2019 12:47:00 AM	Azinphos methyl	n/a	<	0.055	µg/L	EPA 525.2m	0.055	0.1	WKL	
MO-OJA	2018/19-3	Wet	1/6/2019 8:36:00 AM	1/16/2019 6:21:00 AM	Bentazon	n/a	<	0.11	µg/L	EPA 515.3	0.11	2	WKL	
MO-OJA	2018/19-3	Wet	1/6/2019 8:36:00 AM	1/30/2019 9:36:00 PM	beta-BHC	n/a	<	0.062	µg/L	EPA 608	0.062	0.1	WKL	
MO-OJA	2018/19-3	Wet	1/6/2019 8:36:00 AM	1/26/2019 12:47:00 AM	Bolstar	n/a	<	0.046	µg/L	EPA 525.2m	0.046	0.1	WKL	
MO-OJA	2018/19-3	Wet	1/6/2019 8:36:00 AM	2/1/2019 10:50:00 PM	Bromacil	n/a	<	0.19	µg/L	EPA 525.2	0.19	5	WKL	
MO-OJA	2018/19-3	Wet	1/6/2019 8:36:00 AM	2/1/2019 10:50:00 PM	Butachlor	n/a	<	0.085	µg/L	EPA 525.2	0.085	1	WKL	
MO-OJA	2018/19-3	Wet	1/6/2019 8:36:00 AM	2/1/2019 10:50:00 PM	Captan	n/a	<	4.3	µg/L	EPA 525.2	4.3	5	WKL	LB-LCSR
MO-OJA	2018/19-3	Wet	1/6/2019 8:36:00 AM	1/30/2019 9:36:00 PM	Chlordane (technical)	n/a	<	1.6	µg/L	EPA 608	1.6	2	WKL	
MO-OJA	2018/19-3	Wet	1/6/2019 8:36:00 AM	2/1/2019 10:50:00 PM	Chlorpropham	n/a	<	0.05	µg/L	EPA 525.2	0.05	0.5	WKL	
MO-OJA	2018/19-3	Wet	1/6/2019 8:36:00 AM	1/26/2019 12:47:00 AM	Chlorpyrifos	n/a	<	0.069	µg/L	EPA 525.2m	0.069	0.1	WKL	
MO-OJA	2018/19-3	Wet	1/6/2019 8:36:00 AM	1/26/2019 12:47:00 AM	Coumaphos	n/a	<	0.051	µg/L	EPA 525.2m	0.051	0.1	WKL	
MO-OJA	2018/19-3	Wet	1/6/2019 8:36:00 AM	2/1/2019 10:50:00 PM	Cyanazine	n/a	<	0.12	µg/L	EPA 525.2	0.12	0.5	WKL	
MO-OJA	2018/19-3	Wet	1/6/2019 8:36:00 AM	1/16/2019 6:21:00 AM	Dalapon	n/a	<	0.1	µg/L	EPA 515.3	0.1	0.4	WKL	
MO-OJA	2018/19-3	Wet	1/6/2019 8:36:00 AM	1/16/2019 6:21:00 AM	DCCA (Dacthal)	n/a	<	0.07	µg/L	EPA 515.3	0.07	0.1	WKL	
MO-OJA	2018/19-3	Wet	1/6/2019 8:36:00 AM	1/30/2019 9:36:00 PM	delta-BHC	n/a	<	0.05	µg/L	EPA 608	0.05	0.1	WKL	
MO-OJA	2018/19-3	Wet	1/6/2019 8:36:00 AM	1/26/2019 12:47:00 AM	Demeton-O	n/a	<	0.1	µg/L	EPA 525.2m	0.1	0.1	WKL	
MO-OJA	2018/19-3	Wet	1/6/2019 8:36:00 AM	1/26/2019 12:47:00 AM	Demeton-S	n/a	<	0.1	µg/L	EPA 525.2m	0.1	0.1	WKL	
MO-OJA	2018/19-3	Wet	1/6/2019 8:36:00 AM	1/26/2019 12:47:00 AM	Diazinon	n/a	<	0.052	µg/L	EPA 525.2m	0.052	0.1	WKL	
MO-OJA	2018/19-3	Wet	1/6/2019 8:36:00 AM	2/1/2019 10:50:00 PM	Diazinon	n/a	<	0.48	µg/L	EPA 525.2	0.48	0.5	WKL	
MO-OJA	2018/19-3	Wet	1/6/2019 8:36:00 AM	1/16/2019 6:21:00 AM	Dicamba	n/a	<	0.12	µg/L	EPA 515.3	0.12	0.6	WKL	
MO-OJA	2018/19-3	Wet	1/6/2019 8:36:00 AM	1/16/2019 6:21:00 AM	Dichlorprop	n/a	<	0.08	µg/L	EPA 515.3	0.08	0.3	WKL	
MO-OJA	2018/19-3	Wet	1/6/2019 8:36:00 AM	1/26/2019 12:47:00 AM	Dichlorvos	n/a	<	0.029	µg/L	EPA 525.2m	0.029	0.1	WKL	
MO-OJA	2018/19-3	Wet	1/6/2019 8:36:00 AM	1/30/2019 9:36:00 PM	Dieldrin	n/a	<	0.042	µg/L	EPA 608	0.042	0.2	WKL	
MO-OJA	2018/19-3	Wet	1/6/2019 8:36:00 AM	2/1/2019 10:50:00 PM	Dimethoate	n/a	<	0.12	µg/L	EPA 525.2	0.12	1	WKL	
MO-OJA	2018/19-3	Wet	1/6/2019 8:36:00 AM	1/26/2019 12:47:00 AM	Dimethoate	n/a	<	0.062	µg/L	EPA 525.2m	0.062	0.1	WKL	
MO-OJA	2018/19-3	Wet	1/6/2019 8:36:00 AM	1/16/2019 6:21:00 AM	Dinoseb	n/a	<	0.14	µg/L	EPA 515.3	0.14	0.4	WKL	
MO-OJA	2018/19-3	Wet	1/6/2019 8:36:00 AM	2/1/2019 10:50:00 PM	Diphenamid	n/a	<	0.12	µg/L	EPA 525.2	0.12	0.5	WKL	
MO-OJA	2018/19-3	Wet	1/6/2019 8:36:00 AM	2/1/2019 10:50:00 PM	Disulfoton	n/a	<	0.16	µg/L	EPA 525.2	0.16	0.5	WKL	
MO-OJA	2018/19-3	Wet	1/6/2019 8:36:00 AM	1/26/2019 12:47:00 AM	Disulfoton	n/a	<	0.1	µg/L	EPA 525.2m	0.1	0.1	WKL	
MO-OJA	2018/19-3	Wet	1/6/2019 8:36:00 AM	1/30/2019 9:36:00 PM	Endosulfan I	n/a	<	0.034	µg/L	EPA 608	0.034	0.4	WKL	
MO-OJA	2018/19-3	Wet	1/6/2019 8:36:00 AM	1/30/2019 9:36:00 PM	Endosulfan II	n/a	<	0.038	µg/L	EPA 608	0.038	0.2	WKL	
MO-OJA	2018/19-3	Wet	1/6/2019 8:36:00 AM	1/30/2019 9:36:00 PM	Endosulfan sulfate	n/a	<	0.16	µg/L	EPA 608	0.16	1	WKL	
MO-OJA	2018/19-3	Wet	1/6/2019 8:36:00 AM	1/30/2019 9:36:00 PM	Endrin	n/a	<	0.056	µg/L	EPA 608	0.056	0.2	WKL	
MO-OJA	2018/19-3	Wet	1/6/2019 8:36:00 AM	1/30/2019 9:36:00 PM	Endrin aldehyde	n/a	<	0.06	µg/L	EPA 608	0.06	0.2	WKL	LB-LCSR
MO-OJA	2018/19-3	Wet	1/6/2019 8:36:00 AM	2/1/2019 10:50:00 PM	EPTC	n/a	<	0.085	µg/L	EPA 525.2	0.085	5	WKL	
MO-OJA	2018/19-3	Wet	1/6/2019 8:36:00 AM	1/26/2019 12:47:00 AM	Ethoprop	n/a	<	0.067	µg/L	EPA 525.2m	0.067	0.1	WKL	

Appendix G
Laboratory Environmental Analysis Results

Site ID	Event	Event Type	Sample Date	Analysis Date	Constituent	Fraction	Sign	Result	Units	Method	MDL	Reporting Limit	Analyzing Laboratory	Qualifier
MO-OJA	2018/19-3	Wet	1/6/2019 8:36:00 AM	1/26/2019 12:47:00 AM	Ethyl parathion	n/a	<	0.054	µg/L	EPA 525.2m	0.054	0.1	WKL	
MO-OJA	2018/19-3	Wet	1/6/2019 8:36:00 AM	1/26/2019 12:47:00 AM	Fensulfiothion	n/a	<	0.029	µg/L	EPA 525.2m	0.029	0.1	WKL	
MO-OJA	2018/19-3	Wet	1/6/2019 8:36:00 AM	1/26/2019 12:47:00 AM	Fenthion	n/a	<	0.038	µg/L	EPA 525.2m	0.038	0.1	WKL	
MO-OJA	2018/19-3	Wet	1/6/2019 8:36:00 AM	1/30/2019 9:36:00 PM	gamma-BHC (Lindane)	n/a	<	0.042	µg/L	EPA 608	0.042	0.4	WKL	
MO-OJA	2018/19-3	Wet	1/6/2019 8:36:00 AM	1/30/2019 9:36:00 PM	gamma-Chlordane	n/a	<	0.088	µg/L	EPA 608	0.088	0.2	WKL	
MO-OJA	2018/19-3	Wet	1/6/2019 8:36:00 AM	1/10/2019 3:34:00 AM	Glyphosate	n/a	DNQ	3.5	µg/L	EPA 547	1.8	5	WKL	
MO-OJA	2018/19-3	Wet	1/6/2019 8:36:00 AM	1/30/2019 9:36:00 PM	Heptachlor	n/a	<	0.034	µg/L	EPA 608	0.034	0.2	WKL	
MO-OJA	2018/19-3	Wet	1/6/2019 8:36:00 AM	1/30/2019 9:36:00 PM	Heptachlor epoxide	n/a	<	0.038	µg/L	EPA 608	0.038	0.2	WKL	
MO-OJA	2018/19-3	Wet	1/6/2019 8:36:00 AM	1/26/2019 12:47:00 AM	Malathion	n/a	<	0.076	µg/L	EPA 525.2m	0.076	0.1	WKL	
MO-OJA	2018/19-3	Wet	1/6/2019 8:36:00 AM	1/26/2019 12:47:00 AM	Merphos	n/a	<	0.058	µg/L	EPA 525.2m	0.058	0.1	WKL	
MO-OJA	2018/19-3	Wet	1/6/2019 8:36:00 AM	1/30/2019 9:36:00 PM	Methoxychlor	n/a	<	0.11	µg/L	EPA 608	0.11	0.4	WKL	
MO-OJA	2018/19-3	Wet	1/6/2019 8:36:00 AM	1/26/2019 12:47:00 AM	Methyl parathion	n/a	<	0.063	µg/L	EPA 525.2m	0.063	0.1	WKL	
MO-OJA	2018/19-3	Wet	1/6/2019 8:36:00 AM	2/1/2019 10:50:00 PM	Metolachlor	n/a	<	0.06	µg/L	EPA 525.2	0.06	0.5	WKL	
MO-OJA	2018/19-3	Wet	1/6/2019 8:36:00 AM	2/1/2019 10:50:00 PM	Metribuzin	n/a	DNQ	0.24	µg/L	EPA 525.2	0.075	0.5	WKL	
MO-OJA	2018/19-3	Wet	1/6/2019 8:36:00 AM	1/26/2019 12:47:00 AM	Mevinphos	n/a	<	0.042	µg/L	EPA 525.2m	0.042	0.1	WKL	
MO-OJA	2018/19-3	Wet	1/6/2019 8:36:00 AM	2/1/2019 10:50:00 PM	Molinate	n/a	<	0.2	µg/L	EPA 525.2	0.2	0.5	WKL	
MO-OJA	2018/19-3	Wet	1/6/2019 8:36:00 AM	1/26/2019 12:47:00 AM	Naled	n/a	<	0.076	µg/L	EPA 525.2m	0.076	0.1	WKL	
MO-OJA	2018/19-3	Wet	1/6/2019 8:36:00 AM	1/16/2019 6:21:00 AM	Pentachlorophenol	n/a	=	0.29	µg/L	EPA 515.3	0.04	0.2	WKL	
MO-OJA	2018/19-3	Wet	1/6/2019 8:36:00 AM	1/30/2019 2:47:00 AM	Pentachlorophenol	n/a	DNQ	2.6	µg/L	EPA 625	0.95	5	WKL	
MO-OJA	2018/19-3	Wet	1/6/2019 8:36:00 AM	2/5/2019 10:52:00 PM	Pentachlorophenol	n/a	DNQ	2.8	µg/L	EPA 8270C	0.75	5	WKL	
MO-OJA	2018/19-3	Wet	1/6/2019 8:36:00 AM	1/26/2019 12:47:00 AM	Phorate	n/a	<	0.03	µg/L	EPA 525.2m	0.03	0.1	WKL	
MO-OJA	2018/19-3	Wet	1/6/2019 8:36:00 AM	1/16/2019 6:21:00 AM	Picloram	n/a	<	0.05	µg/L	EPA 515.3	0.05	0.6	WKL	
MO-OJA	2018/19-3	Wet	1/6/2019 8:36:00 AM	2/1/2019 10:50:00 PM	Prometon	n/a	<	0.12	µg/L	EPA 525.2	0.12	1	WKL	
MO-OJA	2018/19-3	Wet	1/6/2019 8:36:00 AM	2/1/2019 10:50:00 PM	Prometryn	n/a	DNQ	0.21	µg/L	EPA 525.2	0.18	0.5	WKL	
MO-OJA	2018/19-3	Wet	1/6/2019 8:36:00 AM	1/26/2019 12:47:00 AM	Ronnel (Fenchlorphos)	n/a	<	0.041	µg/L	EPA 525.2m	0.041	0.1	WKL	
MO-OJA	2018/19-3	Wet	1/6/2019 8:36:00 AM	2/1/2019 10:50:00 PM	Simazine	n/a	<	0.075	µg/L	EPA 525.2	0.075	0.5	WKL	
MO-OJA	2018/19-3	Wet	1/6/2019 8:36:00 AM	1/26/2019 12:47:00 AM	Stirophos (Tetrachlorvinphos)	n/a	<	0.031	µg/L	EPA 525.2m	0.031	0.1	WKL	
MO-OJA	2018/19-3	Wet	1/6/2019 8:36:00 AM	2/1/2019 10:50:00 PM	Terbacil	n/a	<	2.8	µg/L	EPA 525.2	2.8	10	WKL	
MO-OJA	2018/19-3	Wet	1/6/2019 8:36:00 AM	2/1/2019 10:50:00 PM	Thiobencarb	n/a	<	0.12	µg/L	EPA 525.2	0.12	1	WKL	
MO-OJA	2018/19-3	Wet	1/6/2019 8:36:00 AM	1/26/2019 12:47:00 AM	Tokuthion	n/a	<	0.078	µg/L	EPA 525.2m	0.078	0.1	WKL	
MO-OJA	2018/19-3	Wet	1/6/2019 8:36:00 AM	1/30/2019 9:36:00 PM	Toxaphene	n/a	<	2.4	µg/L	EPA 608	2.4	10	WKL	
MO-OJA	2018/19-3	Wet	1/6/2019 8:36:00 AM	1/26/2019 12:47:00 AM	Trichloronate	n/a	<	0.067	µg/L	EPA 525.2m	0.067	0.1	WKL	
MO-OJA	2018/19-3	Wet	1/6/2019 8:36:00 AM	2/1/2019 10:50:00 PM	Trithion	n/a	<	0.06	µg/L	EPA 525.2	0.06	0.5	WKL	
MO-OJA	2018/19-5	Dry	5/8/2019 9:10:00 AM	5/13/2019 10:00:00 PM	Chloride	n/a	=	200	mg/L	EPA 300.0	0.1	0.5	WKL	
MO-OJA	2018/19-5	Dry	5/8/2019 9:10:00 AM	5/13/2019 10:00:00 PM	Fluoride	n/a	=	0.54	mg/L	EPA 300.0	0.02	0.1	WKL	
MO-OJA	2018/19-5	Dry	5/8/2019 9:10:00 AM	5/18/2019 6:13:00 AM	Perchlorate	n/a	<	1.9	µg/L	EPA 314.0	1.9	4	WKL	
MO-OJA	2018/19-5	Dry	5/8/2019 9:10:00 AM	5/13/2019 10:00:00 PM	Sulfate	Total	=	450	mg/L	EPA 300.0	0.4	2	WKL	
MO-OJA	2018/19-5	Dry	5/8/2019 9:10:00 AM	5/9/2019 8:00:00 AM	E. Coli	n/a	=	1483	MPN/100 mL	MMO-MUG	10	10	VCHCA	
MO-OJA	2018/19-5	Dry	5/8/2019 9:10:00 AM	5/9/2019 8:00:00 AM	Total Coliform	n/a	=	24196	MPN/100 mL	MMO-MUG	10	10	VCHCA	
MO-OJA	2018/19-5	Dry	5/8/2019 9:10:00 AM	5/16/2019 6:45:00 PM	Calcium	Total	=	192	mg/L	EPA 200.7	0.016	0.1	WKL	
MO-OJA	2018/19-5	Dry	5/8/2019 9:10:00 AM	5/16/2019 6:45:00 PM	Magnesium	Total	=	80.4	mg/L	EPA 200.7	0.012	0.1	WKL	
MO-OJA	2018/19-5	Dry	5/8/2019 9:10:00 AM	5/21/2019 5:38:00 PM	Potassium	Total	=	1.8	mg/L	EPA 200.7	0.081	0.1	WKL	
MO-OJA	2018/19-5	Dry	5/8/2019 9:10:00 AM	5/16/2019 6:45:00 PM	Sodium	Total	=	140	mg/L	EPA 200.7	0.015	0.5	WKL	
MO-OJA	2018/19-5	Dry	5/8/2019 9:10:00 AM	5/10/2019 2:24:00 PM	Alkalinity as CaCO3	n/a	=	320	mg/L	SM 2320 B	0.56	2	WKL	
MO-OJA	2018/19-5	Dry	5/8/2019 9:10:00 AM	5/14/2019 6:25:00 PM	BOD	n/a	=	2.1	mg/L	SM 5210 B	2	2	WKL	
MO-OJA	2018/19-5	Dry	5/8/2019 9:10:00 AM	5/16/2019 11:39:00 AM	COD	n/a	=	16	mg/L	EPA 410.4	0.73	5	WKL	
MO-OJA	2018/19-5	Dry	5/8/2019 9:10:00 AM	5/8/2019 9:10:00 AM	Conductivity	n/a	=	1478	µmhos/cm	Field Meter	-88	1	Field Crew	
MO-OJA	2018/19-5	Dry	5/8/2019 9:10:00 AM	5/16/2019 5:10:00 PM	Cyanide	Total	<	0.0005	mg/L	ASTM D7511	0.0005	0.002	WKL	

Appendix G
Laboratory Environmental Analysis Results

Site ID	Event	Event Type	Sample Date	Analysis Date	Constituent	Fraction	Sign	Result	Units	Method	MDL	Reporting Limit	Analyzing Laboratory	Qualifier
MO-OJA	2018/19-5	Dry	5/8/2019 9:10:00 AM	5/17/2019 2:14:00 PM	Dissolved Inorganic Carbon	Dissolved	=	75	mg/L	SM 5310 B	0.016	0.1	WKL	
MO-OJA	2018/19-5	Dry	5/8/2019 9:10:00 AM	5/9/2019 4:20:00 PM	Dissolved Organic Carbon	Dissolved	=	4.9	mg/L	SM 5310 B	0.013	0.3	WKL	
MO-OJA	2018/19-5	Dry	5/8/2019 9:10:00 AM	5/8/2019 9:10:00 AM	DO	n/a	=	14.2	mg/L	Field Meter	-88	0.3	Field Crew	
MO-OJA	2018/19-5	Dry	5/8/2019 9:10:00 AM	5/8/2019 9:10:00 AM	DO	n/a	=	146.5	%	Field Meter	-88	0.1	Field Crew	
MO-OJA	2018/19-5	Dry	5/8/2019 9:10:00 AM	5/16/2019 6:45:00 PM	Hardness as CaCO3	Total	=	810	mg/L	EPA 200.7	0.0894	0.662	WKL	
MO-OJA	2018/19-5	Dry	5/8/2019 9:10:00 AM	5/9/2019 7:38:00 PM	MBAS	n/a	DNQ	0.037	mg/L	SM 5540 C	0.019	0.05	WKL	
MO-OJA	2018/19-5	Dry	5/8/2019 9:10:00 AM	5/8/2019 9:10:00 AM	pH	n/a	=	8.74	pH Units	Field Meter	-88	0.01	Field Crew	
MO-OJA	2018/19-5	Dry	5/8/2019 9:10:00 AM	5/16/2019 5:07:00 PM	Phenolics	n/a	<	0.0042	mg/L	EPA 420.4	0.0042	0.01	WKL	
MO-OJA	2018/19-5	Dry	5/8/2019 9:10:00 AM	5/8/2019 9:10:00 AM	Salinity	n/a	=	900	mg/L	Field Meter	-88	100	Field Crew	
MO-OJA	2018/19-5	Dry	5/8/2019 9:10:00 AM	5/8/2019 9:10:00 AM	Specific Conductance	n/a	=	1768	µmhos/cm	Field Meter	-88	1	Field Crew	
MO-OJA	2018/19-5	Dry	5/8/2019 9:10:00 AM	5/9/2019 2:51:00 PM	Specific Conductance	n/a	=	2100	µmhos/cm	SM 2510 B	2.8	6	WKL	
MO-OJA	2018/19-5	Dry	5/8/2019 9:10:00 AM	5/8/2019 9:10:00 AM	Temperature	n/a	=	16.4	°C	Field Meter	-88	0.1	Field Crew	
MO-OJA	2018/19-5	Dry	5/8/2019 9:10:00 AM	5/9/2019 4:12:00 PM	Total Chlorine Residual	n/a	DNQ	0.019	mg/L	SM 4500-Cl G	0.0015	0.05	WKL	EST-HT
MO-OJA	2018/19-5	Dry	5/8/2019 9:10:00 AM	5/13/2019 4:44:00 PM	Total Dissolved Solids	n/a	=	1200	mg/L	SM 2540 C	4	10	WKL	
MO-OJA	2018/19-5	Dry	5/8/2019 9:10:00 AM	5/13/2019 1:47:00 PM	Total Organic Carbon	n/a	=	4.1	mg/L	SM 5310 B	0.009	0.3	WKL	
MO-OJA	2018/19-5	Dry	5/8/2019 9:10:00 AM	5/13/2019 12:24:00 PM	Total Suspended Solids	n/a	=	5	mg/L	SM 2540 D	-88	5	WKL	
MO-OJA	2018/19-5	Dry	5/8/2019 9:10:00 AM	5/9/2019 3:46:00 PM	Turbidity	n/a	=	0.69	NTU	EPA 180.1	0.024	0.1	WKL	
MO-OJA	2018/19-5	Dry	5/8/2019 9:10:00 AM	5/13/2019 9:24:00 PM	Volatile Suspended Solids	n/a	<	3.1	mg/L	EPA 160.4	3.1	5	WKL	
MO-OJA	2018/19-5	Dry	5/8/2019 9:10:00 AM	5/18/2019 10:28:00 AM	Diesel Range Organics	n/a	DNQ	0.052	mg/L	EPA 8015D	0.024	0.1	WKL	UL-MB
MO-OJA	2018/19-5	Dry	5/8/2019 9:10:00 AM	5/12/2019 7:38:00 PM	Gasoline Range Organics	n/a	DNQ	0.02	mg/L	LUFT GC/MS	0.012	0.1	WKL	UL-MB
MO-OJA	2018/19-5	Dry	5/8/2019 9:10:00 AM	5/13/2019 11:04:00 AM	Oil and Grease	n/a	<	1.3	mg/L	EPA 1664A	1.3	5	WKL	
MO-OJA	2018/19-5	Dry	5/8/2019 9:10:00 AM	5/18/2019 10:28:00 AM	Oil Range Organics	n/a	<	0.33	mg/L	EPA 8015D	0.33	0.5	WKL	
MO-OJA	2018/19-5	Dry	5/8/2019 9:10:00 AM	5/21/2019 5:37:00 PM	Aluminum	Dissolved	DNQ	4.2	µg/L	EPA 200.8	1.3	5	WKL	UL-MB
MO-OJA	2018/19-5	Dry	5/8/2019 9:10:00 AM	5/21/2019 5:32:00 PM	Aluminum	Total	DNQ	4.9	µg/L	EPA 200.8	1.3	5	WKL	UL-MB
MO-OJA	2018/19-5	Dry	5/8/2019 9:10:00 AM	5/17/2019 1:31:00 PM	Antimony	Dissolved	DNQ	0.14	µg/L	EPA 200.8	0.045	0.5	WKL	
MO-OJA	2018/19-5	Dry	5/8/2019 9:10:00 AM	5/17/2019 1:39:00 PM	Antimony	Total	DNQ	0.15	µg/L	EPA 200.8	0.045	0.5	WKL	
MO-OJA	2018/19-5	Dry	5/8/2019 9:10:00 AM	5/17/2019 1:31:00 PM	Arsenic	Dissolved	=	0.63	µg/L	EPA 200.8	0.074	0.4	WKL	
MO-OJA	2018/19-5	Dry	5/8/2019 9:10:00 AM	5/17/2019 1:39:00 PM	Arsenic	Total	=	0.62	µg/L	EPA 200.8	0.074	0.4	WKL	
MO-OJA	2018/19-5	Dry	5/8/2019 9:10:00 AM	5/17/2019 1:39:00 PM	Barium	Total	=	73	µg/L	EPA 200.8	0.071	0.5	WKL	
MO-OJA	2018/19-5	Dry	5/8/2019 9:10:00 AM	5/22/2019 5:21:00 PM	Beryllium	Dissolved	<	0.033	µg/L	EPA 200.8	0.033	0.1	WKL	
MO-OJA	2018/19-5	Dry	5/8/2019 9:10:00 AM	5/22/2019 5:24:00 PM	Beryllium	Total	<	0.033	µg/L	EPA 200.8	0.033	0.1	WKL	
MO-OJA	2018/19-5	Dry	5/8/2019 9:10:00 AM	5/17/2019 1:31:00 PM	Cadmium	Dissolved	DNQ	0.05	µg/L	EPA 200.8	0.041	0.1	WKL	
MO-OJA	2018/19-5	Dry	5/8/2019 9:10:00 AM	5/17/2019 1:39:00 PM	Cadmium	Total	DNQ	0.07	µg/L	EPA 200.8	0.041	0.1	WKL	
MO-OJA	2018/19-5	Dry	5/8/2019 9:10:00 AM	5/17/2019 1:31:00 PM	Chromium	Dissolved	DNQ	0.19	µg/L	EPA 200.8	0.035	0.2	WKL	
MO-OJA	2018/19-5	Dry	5/8/2019 9:10:00 AM	5/17/2019 1:39:00 PM	Chromium	Total	=	0.2	µg/L	EPA 200.8	0.035	0.2	WKL	
MO-OJA	2018/19-5	Dry	5/8/2019 9:10:00 AM	5/15/2019 12:10:00 PM	Chromium VI	n/a	=	0.15	µg/L	EPA 218.6	0.0048	0.02	WKL	
MO-OJA	2018/19-5	Dry	5/8/2019 9:10:00 AM	5/17/2019 1:31:00 PM	Copper	Dissolved	=	1.3	µg/L	EPA 200.8	0.13	0.5	WKL	
MO-OJA	2018/19-5	Dry	5/8/2019 9:10:00 AM	5/17/2019 1:39:00 PM	Copper	Total	=	1.6	µg/L	EPA 200.8	0.13	0.5	WKL	
MO-OJA	2018/19-5	Dry	5/8/2019 9:10:00 AM	5/16/2019 6:30:00 PM	Iron	Dissolved	DNQ	2	µg/L	EPA 200.7	1.1	10	WKL	UL-MB
MO-OJA	2018/19-5	Dry	5/8/2019 9:10:00 AM	5/16/2019 6:45:00 PM	Iron	Total	DNQ	5	µg/L	EPA 200.7	1.1	10	WKL	UL-MB
MO-OJA	2018/19-5	Dry	5/8/2019 9:10:00 AM	5/17/2019 1:31:00 PM	Lead	Dissolved	<	0.031	µg/L	EPA 200.8	0.031	0.2	WKL	
MO-OJA	2018/19-5	Dry	5/8/2019 9:10:00 AM	5/17/2019 1:39:00 PM	Lead	Total	<	0.031	µg/L	EPA 200.8	0.031	0.2	WKL	
MO-OJA	2018/19-5	Dry	5/8/2019 9:10:00 AM	5/18/2019 12:05:00 PM	Mercury	Dissolved	<	17	ng/L	EPA 245.1	17	50	WKL	
MO-OJA	2018/19-5	Dry	5/8/2019 9:10:00 AM	5/18/2019 12:07:00 PM	Mercury	Total	<	17	ng/L	EPA 245.1	17	50	WKL	
MO-OJA	2018/19-5	Dry	5/8/2019 9:10:00 AM	5/17/2019 1:31:00 PM	Nickel	Dissolved	DNQ	0.77	µg/L	EPA 200.8	0.045	0.8	WKL	
MO-OJA	2018/19-5	Dry	5/8/2019 9:10:00 AM	5/17/2019 1:39:00 PM	Nickel	Total	=	0.93	µg/L	EPA 200.8	0.045	0.8	WKL	
MO-OJA	2018/19-5	Dry	5/8/2019 9:10:00 AM	5/17/2019 1:31:00 PM	Selenium	Dissolved	=	1.9	µg/L	EPA 200.8	0.14	0.4	WKL	
MO-OJA	2018/19-5	Dry	5/8/2019 9:10:00 AM	5/17/2019 1:39:00 PM	Selenium	Total	=	2	µg/L	EPA 200.8	0.14	0.4	WKL	

Appendix G
Laboratory Environmental Analysis Results

Site ID	Event	Event Type	Sample Date	Analysis Date	Constituent	Fraction	Sign	Result	Units	Method	MDL	Reporting Limit	Analyzing Laboratory	Qualifier
MO-OJA	2018/19-5	Dry	5/8/2019 9:10:00 AM	5/17/2019 1:31:00 PM	Silver	Dissolved	<	0.062	µg/L	EPA 200.8	0.062	0.2	WKL	
MO-OJA	2018/19-5	Dry	5/8/2019 9:10:00 AM	5/17/2019 1:39:00 PM	Silver	Total	<	0.062	µg/L	EPA 200.8	0.062	0.2	WKL	
MO-OJA	2018/19-5	Dry	5/8/2019 9:10:00 AM	5/17/2019 1:31:00 PM	Thallium	Dissolved	<	0.014	µg/L	EPA 200.8	0.014	0.2	WKL	
MO-OJA	2018/19-5	Dry	5/8/2019 9:10:00 AM	5/17/2019 1:39:00 PM	Thallium	Total	<	0.014	µg/L	EPA 200.8	0.014	0.2	WKL	
MO-OJA	2018/19-5	Dry	5/8/2019 9:10:00 AM	5/17/2019 1:31:00 PM	Zinc	Dissolved	DNQ	1.8	µg/L	EPA 200.8	0.94	5	WKL	
MO-OJA	2018/19-5	Dry	5/8/2019 9:10:00 AM	5/17/2019 1:39:00 PM	Zinc	Total	DNQ	2.2	µg/L	EPA 200.8	0.94	5	WKL	
MO-OJA	2018/19-5	Dry	5/8/2019 9:10:00 AM	5/10/2019 11:40:00 AM	Ammonia as N	n/a	<	0.048	mg/L	EPA 350.1	0.048	0.1	WKL	
MO-OJA	2018/19-5	Dry	5/8/2019 9:10:00 AM	5/9/2019 3:40:00 PM	Nitrate + Nitrite as N	n/a	=	3.5	mg/L	EPA 353.2	0.083	0.2	WKL	
MO-OJA	2018/19-5	Dry	5/8/2019 9:10:00 AM	5/9/2019 3:40:00 PM	Nitrate as N	n/a	=	3.4	mg/L	EPA 353.2	0.083	0.2	WKL	
MO-OJA	2018/19-5	Dry	5/8/2019 9:10:00 AM	5/16/2019 6:30:00 PM	Phosphorus as P	Dissolved	<	0.012	mg/L	EPA 200.7	0.012	0.02	WKL	
MO-OJA	2018/19-5	Dry	5/8/2019 9:10:00 AM	5/16/2019 6:45:00 PM	Phosphorus as P	Total	<	0.012	mg/L	EPA 200.7	0.012	0.02	WKL	
MO-OJA	2018/19-5	Dry	5/8/2019 9:10:00 AM	5/11/2019 11:10:00 AM	TKN	n/a	=	0.58	mg/L	EPA 351.2	0.05	0.1	WKL	
MO-OJA	2018/19-5	Dry	5/8/2019 9:10:00 AM	6/3/2019 9:44:00 PM	1,2,4-Trichlorobenzene	n/a	<	0.55	µg/L	EPA 625	0.55	1	WKL	
MO-OJA	2018/19-5	Dry	5/8/2019 9:10:00 AM	6/3/2019 9:44:00 PM	1,2-Dichlorobenzene	n/a	<	0.57	µg/L	EPA 625	0.57	1	WKL	
MO-OJA	2018/19-5	Dry	5/8/2019 9:10:00 AM	6/3/2019 9:44:00 PM	1,2-Diphenylhydrazine	n/a	<	0.25	µg/L	EPA 625	0.25	1	WKL	
MO-OJA	2018/19-5	Dry	5/8/2019 9:10:00 AM	6/3/2019 9:44:00 PM	1,3-Dichlorobenzene	n/a	<	0.53	µg/L	EPA 625	0.53	1	WKL	
MO-OJA	2018/19-5	Dry	5/8/2019 9:10:00 AM	6/3/2019 9:44:00 PM	1,4-Dichlorobenzene	n/a	<	0.55	µg/L	EPA 625	0.55	1	WKL	
MO-OJA	2018/19-5	Dry	5/8/2019 9:10:00 AM	6/8/2019 5:08:00 AM	1-Methylnaphthalene	n/a	<	0.2	µg/L	EPA 8270C	0.2	0.2	WKL	
MO-OJA	2018/19-5	Dry	5/8/2019 9:10:00 AM	5/22/2019 2:02:00 AM	2,4,5-Trichlorophenol	n/a	<	0.58	µg/L	EPA 8270C	0.58	2	WKL	
MO-OJA	2018/19-5	Dry	5/8/2019 9:10:00 AM	5/22/2019 2:02:00 AM	2,4,6-Trichlorophenol	n/a	<	0.6	µg/L	EPA 8270C	0.6	2	WKL	
MO-OJA	2018/19-5	Dry	5/8/2019 9:10:00 AM	6/3/2019 9:44:00 PM	2,4,6-Trichlorophenol	n/a	<	0.22	µg/L	EPA 625	0.22	1	WKL	
MO-OJA	2018/19-5	Dry	5/8/2019 9:10:00 AM	5/22/2019 2:02:00 AM	2,4-Dichlorophenol	n/a	<	1	µg/L	EPA 8270C	1	2	WKL	
MO-OJA	2018/19-5	Dry	5/8/2019 9:10:00 AM	6/3/2019 9:44:00 PM	2,4-Dichlorophenol	n/a	<	0.26	µg/L	EPA 625	0.26	1	WKL	
MO-OJA	2018/19-5	Dry	5/8/2019 9:10:00 AM	5/22/2019 2:02:00 AM	2,4-Dimethylphenol	n/a	<	2	µg/L	EPA 8270C	2	4	WKL	
MO-OJA	2018/19-5	Dry	5/8/2019 9:10:00 AM	6/3/2019 9:44:00 PM	2,4-Dimethylphenol	n/a	<	0.3	µg/L	EPA 625	0.3	1	WKL	
MO-OJA	2018/19-5	Dry	5/8/2019 9:10:00 AM	5/22/2019 2:02:00 AM	2,4-Dinitrophenol	n/a	<	2	µg/L	EPA 8270C	2	4	WKL	
MO-OJA	2018/19-5	Dry	5/8/2019 9:10:00 AM	6/3/2019 9:44:00 PM	2,4-Dinitrophenol	n/a	<	1.6	µg/L	EPA 625	1.6	10	WKL	
MO-OJA	2018/19-5	Dry	5/8/2019 9:10:00 AM	6/3/2019 9:44:00 PM	2,4-Dinitrotoluene	n/a	<	0.18	µg/L	EPA 625	0.18	1	WKL	
MO-OJA	2018/19-5	Dry	5/8/2019 9:10:00 AM	6/3/2019 9:44:00 PM	2,6-Dinitrotoluene	n/a	<	0.27	µg/L	EPA 625	0.27	1	WKL	
MO-OJA	2018/19-5	Dry	5/8/2019 9:10:00 AM	5/10/2019 4:10:00 PM	2-Chloroethyl vinyl ether	n/a	<	0.28	µg/L	EPA 624	0.28	1	WKL	
MO-OJA	2018/19-5	Dry	5/8/2019 9:10:00 AM	6/3/2019 9:44:00 PM	2-Chloronaphthalene	n/a	<	0.45	µg/L	EPA 625	0.45	1	WKL	
MO-OJA	2018/19-5	Dry	5/8/2019 9:10:00 AM	6/3/2019 9:44:00 PM	2-Chlorophenol	n/a	<	0.28	µg/L	EPA 625	0.28	1	WKL	
MO-OJA	2018/19-5	Dry	5/8/2019 9:10:00 AM	5/22/2019 2:02:00 AM	2-Chlorophenol	n/a	<	1.3	µg/L	EPA 8270C	1.3	2	WKL	
MO-OJA	2018/19-5	Dry	5/8/2019 9:10:00 AM	6/8/2019 5:08:00 AM	2-Methylnaphthalene	n/a	<	0.2	µg/L	EPA 8270C	0.2	0.2	WKL	
MO-OJA	2018/19-5	Dry	5/8/2019 9:10:00 AM	5/22/2019 2:02:00 AM	2-Methylphenol	n/a	<	0.68	µg/L	EPA 8270C	0.68	2	WKL	
MO-OJA	2018/19-5	Dry	5/8/2019 9:10:00 AM	6/3/2019 9:44:00 PM	2-Nitrophenol	n/a	<	0.26	µg/L	EPA 625	0.26	1	WKL	
MO-OJA	2018/19-5	Dry	5/8/2019 9:10:00 AM	5/22/2019 2:02:00 AM	2-Nitrophenol	n/a	<	1.4	µg/L	EPA 8270C	1.4	2	WKL	
MO-OJA	2018/19-5	Dry	5/8/2019 9:10:00 AM	6/3/2019 9:44:00 PM	3,3'-Dichlorobenzidine	n/a	<	1.2	µg/L	EPA 625	1.2	5	WKL	
MO-OJA	2018/19-5	Dry	5/8/2019 9:10:00 AM	5/22/2019 2:02:00 AM	3-/4-Methylphenol	n/a	<	0.6	µg/L	EPA 8270C	0.6	2	WKL	
MO-OJA	2018/19-5	Dry	5/8/2019 9:10:00 AM	6/3/2019 9:44:00 PM	4,6-Dinitro-2-methylphenol	n/a	<	1.7	µg/L	EPA 625	1.7	5	WKL	
MO-OJA	2018/19-5	Dry	5/8/2019 9:10:00 AM	5/22/2019 2:02:00 AM	4,6-Dinitro-2-methylphenol	n/a	<	0.28	µg/L	EPA 8270C	0.28	2	WKL	
MO-OJA	2018/19-5	Dry	5/8/2019 9:10:00 AM	6/3/2019 9:44:00 PM	4-Bromophenyl phenyl ether	n/a	<	0.36	µg/L	EPA 625	0.36	1	WKL	
MO-OJA	2018/19-5	Dry	5/8/2019 9:10:00 AM	6/3/2019 9:44:00 PM	4-Chloro-3-methylphenol	n/a	<	0.23	µg/L	EPA 625	0.23	1	WKL	
MO-OJA	2018/19-5	Dry	5/8/2019 9:10:00 AM	5/22/2019 2:02:00 AM	4-Chloro-3-methylphenol	n/a	<	0.74	µg/L	EPA 8270C	0.74	2	WKL	
MO-OJA	2018/19-5	Dry	5/8/2019 9:10:00 AM	6/3/2019 9:44:00 PM	4-Chlorophenyl phenyl ether	n/a	<	0.41	µg/L	EPA 625	0.41	1	WKL	
MO-OJA	2018/19-5	Dry	5/8/2019 9:10:00 AM	6/3/2019 9:44:00 PM	4-Nitrophenol	n/a	<	0.45	µg/L	EPA 625	0.45	5	WKL	
MO-OJA	2018/19-5	Dry	5/8/2019 9:10:00 AM	5/22/2019 2:02:00 AM	4-Nitrophenol	n/a	<	2	µg/L	EPA 8270C	2	4	WKL	
MO-OJA	2018/19-5	Dry	5/8/2019 9:10:00 AM	6/3/2019 9:44:00 PM	Acenaphthene	n/a	<	0.38	µg/L	EPA 625	0.38	1	WKL	

Appendix G
Laboratory Environmental Analysis Results

Site ID	Event	Event Type	Sample Date	Analysis Date	Constituent	Fraction	Sign	Result	Units	Method	MDL	Reporting Limit	Analyzing Laboratory	Qualifier
MO-OJA	2018/19-5	Dry	5/8/2019 9:10:00 AM	6/8/2019 5:08:00 AM	Acenaphthene	n/a	<	0.2	µg/L	EPA 8270C	0.2	0.2	WKL	
MO-OJA	2018/19-5	Dry	5/8/2019 9:10:00 AM	6/3/2019 9:44:00 PM	Acenaphthylene	n/a	<	0.4	µg/L	EPA 625	0.4	1	WKL	
MO-OJA	2018/19-5	Dry	5/8/2019 9:10:00 AM	6/8/2019 5:08:00 AM	Acenaphthylene	n/a	<	0.2	µg/L	EPA 8270C	0.2	0.2	WKL	
MO-OJA	2018/19-5	Dry	5/8/2019 9:10:00 AM	6/3/2019 9:44:00 PM	Anthracene	n/a	<	0.34	µg/L	EPA 625	0.34	1	WKL	
MO-OJA	2018/19-5	Dry	5/8/2019 9:10:00 AM	6/8/2019 5:08:00 AM	Anthracene	n/a	<	0.2	µg/L	EPA 8270C	0.2	0.2	WKL	
MO-OJA	2018/19-5	Dry	5/8/2019 9:10:00 AM	6/3/2019 9:44:00 PM	Benz(a)anthracene	n/a	<	0.19	µg/L	EPA 625	0.19	1	WKL	
MO-OJA	2018/19-5	Dry	5/8/2019 9:10:00 AM	6/8/2019 5:08:00 AM	Benz(a)anthracene	n/a	<	0.2	µg/L	EPA 8270C	0.2	0.2	WKL	
MO-OJA	2018/19-5	Dry	5/8/2019 9:10:00 AM	6/3/2019 9:44:00 PM	Benzdine	n/a	<	3.7	µg/L	EPA 625	3.7	10	WKL	
MO-OJA	2018/19-5	Dry	5/8/2019 9:10:00 AM	5/15/2019 5:07:00 AM	Benzo(a)pyrene	n/a	<	0.07	µg/L	EPA 525.2	0.07	0.1	WKL	
MO-OJA	2018/19-5	Dry	5/8/2019 9:10:00 AM	6/3/2019 9:44:00 PM	Benzo(a)pyrene	n/a	<	0.13	µg/L	EPA 625	0.13	1	WKL	
MO-OJA	2018/19-5	Dry	5/8/2019 9:10:00 AM	6/8/2019 5:08:00 AM	Benzo(a)pyrene	n/a	<	0.2	µg/L	EPA 8270C	0.2	0.2	WKL	
MO-OJA	2018/19-5	Dry	5/8/2019 9:10:00 AM	6/3/2019 9:44:00 PM	Benzo(b)fluoranthene	n/a	<	0.14	µg/L	EPA 625	0.14	1	WKL	
MO-OJA	2018/19-5	Dry	5/8/2019 9:10:00 AM	6/8/2019 5:08:00 AM	Benzo(b)fluoranthene	n/a	<	0.2	µg/L	EPA 8270C	0.2	0.2	WKL	
MO-OJA	2018/19-5	Dry	5/8/2019 9:10:00 AM	6/8/2019 5:08:00 AM	Benzo(g,h,i)perylene	n/a	<	0.2	µg/L	EPA 8270C	0.2	0.2	WKL	
MO-OJA	2018/19-5	Dry	5/8/2019 9:10:00 AM	6/3/2019 9:44:00 PM	Benzo(g,h,i)perylene	n/a	<	0.1	µg/L	EPA 625	0.1	2	WKL	
MO-OJA	2018/19-5	Dry	5/8/2019 9:10:00 AM	6/3/2019 9:44:00 PM	Benzo(k)fluoranthene	n/a	<	0.22	µg/L	EPA 625	0.22	1	WKL	
MO-OJA	2018/19-5	Dry	5/8/2019 9:10:00 AM	6/8/2019 5:08:00 AM	Benzo(k)fluoranthene	n/a	<	0.2	µg/L	EPA 8270C	0.2	0.2	WKL	
MO-OJA	2018/19-5	Dry	5/8/2019 9:10:00 AM	6/3/2019 9:44:00 PM	Bis(2-chloroethoxy)methane	n/a	<	0.25	µg/L	EPA 625	0.25	1	WKL	
MO-OJA	2018/19-5	Dry	5/8/2019 9:10:00 AM	6/3/2019 9:44:00 PM	Bis(2-chloroethyl)ether	n/a	<	0.27	µg/L	EPA 625	0.27	1	WKL	
MO-OJA	2018/19-5	Dry	5/8/2019 9:10:00 AM	6/3/2019 9:44:00 PM	Bis(2-chloroisopropyl)ether	n/a	<	0.38	µg/L	EPA 625	0.38	1	WKL	
MO-OJA	2018/19-5	Dry	5/8/2019 9:10:00 AM	5/15/2019 5:07:00 AM	Bis(2-ethylhexyl)adipate	n/a	<	0.1	µg/L	EPA 525.2	0.1	5	WKL	
MO-OJA	2018/19-5	Dry	5/8/2019 9:10:00 AM	5/15/2019 5:07:00 AM	Bis(2-ethylhexyl)phthalate	n/a	<	1.1	µg/L	EPA 525.2	1.1	3	WKL	
MO-OJA	2018/19-5	Dry	5/8/2019 9:10:00 AM	6/3/2019 9:44:00 PM	Bis(2-ethylhexyl)phthalate	n/a	<	2.3	µg/L	EPA 625	2.3	5	WKL	
MO-OJA	2018/19-5	Dry	5/8/2019 9:10:00 AM	6/3/2019 9:44:00 PM	Butyl benzyl phthalate	n/a	<	0.18	µg/L	EPA 625	0.18	1	WKL	
MO-OJA	2018/19-5	Dry	5/8/2019 9:10:00 AM	6/3/2019 9:44:00 PM	Chrysene	n/a	<	0.19	µg/L	EPA 625	0.19	1	WKL	
MO-OJA	2018/19-5	Dry	5/8/2019 9:10:00 AM	6/8/2019 5:08:00 AM	Chrysene	n/a	<	0.2	µg/L	EPA 8270C	0.2	0.2	WKL	
MO-OJA	2018/19-5	Dry	5/8/2019 9:10:00 AM	6/8/2019 5:08:00 AM	Dibenz(a,h)anthracene	n/a	<	0.2	µg/L	EPA 8270C	0.2	0.2	WKL	
MO-OJA	2018/19-5	Dry	5/8/2019 9:10:00 AM	6/3/2019 9:44:00 PM	Dibenz(a,h)anthracene	n/a	<	0.08	µg/L	EPA 625	0.08	2	WKL	
MO-OJA	2018/19-5	Dry	5/8/2019 9:10:00 AM	6/3/2019 9:44:00 PM	Diethyl phthalate	n/a	<	0.15	µg/L	EPA 625	0.15	1	WKL	
MO-OJA	2018/19-5	Dry	5/8/2019 9:10:00 AM	6/3/2019 9:44:00 PM	Dimethyl phthalate	n/a	<	0.18	µg/L	EPA 625	0.18	1	WKL	
MO-OJA	2018/19-5	Dry	5/8/2019 9:10:00 AM	6/3/2019 9:44:00 PM	Di-n-butylphthalate	n/a	<	0.24	µg/L	EPA 625	0.24	1	WKL	
MO-OJA	2018/19-5	Dry	5/8/2019 9:10:00 AM	6/3/2019 9:44:00 PM	Di-n-octylphthalate	n/a	<	0.19	µg/L	EPA 625	0.19	1	WKL	
MO-OJA	2018/19-5	Dry	5/8/2019 9:10:00 AM	6/8/2019 5:08:00 AM	Fluoranthene	n/a	<	0.2	µg/L	EPA 8270C	0.2	0.2	WKL	
MO-OJA	2018/19-5	Dry	5/8/2019 9:10:00 AM	6/3/2019 9:44:00 PM	Fluoranthene	n/a	<	0.22	µg/L	EPA 625	0.22	1	WKL	
MO-OJA	2018/19-5	Dry	5/8/2019 9:10:00 AM	6/8/2019 5:08:00 AM	Fluorene	n/a	<	0.2	µg/L	EPA 8270C	0.2	0.2	WKL	
MO-OJA	2018/19-5	Dry	5/8/2019 9:10:00 AM	6/3/2019 9:44:00 PM	Fluorene	n/a	<	0.35	µg/L	EPA 625	0.35	1	WKL	
MO-OJA	2018/19-5	Dry	5/8/2019 9:10:00 AM	6/3/2019 9:44:00 PM	Hexachlorobenzene	n/a	<	0.49	µg/L	EPA 625	0.49	1	WKL	
MO-OJA	2018/19-5	Dry	5/8/2019 9:10:00 AM	6/3/2019 9:44:00 PM	Hexachlorobutadiene	n/a	<	0.47	µg/L	EPA 625	0.47	1	WKL	
MO-OJA	2018/19-5	Dry	5/8/2019 9:10:00 AM	6/3/2019 9:44:00 PM	Hexachlorocyclopentadiene	n/a	<	1.5	µg/L	EPA 625	1.5	5	WKL	
MO-OJA	2018/19-5	Dry	5/8/2019 9:10:00 AM	6/3/2019 9:44:00 PM	Hexachloroethane	n/a	<	0.52	µg/L	EPA 625	0.52	1	WKL	
MO-OJA	2018/19-5	Dry	5/8/2019 9:10:00 AM	6/3/2019 9:44:00 PM	Indeno(1,2,3-cd)pyrene	n/a	<	0.12	µg/L	EPA 625	0.12	2	WKL	
MO-OJA	2018/19-5	Dry	5/8/2019 9:10:00 AM	6/8/2019 5:08:00 AM	Indeno(1,2,3-cd)pyrene	n/a	<	0.2	µg/L	EPA 8270C	0.2	0.2	WKL	
MO-OJA	2018/19-5	Dry	5/8/2019 9:10:00 AM	6/3/2019 9:44:00 PM	Isophorone	n/a	<	0.21	µg/L	EPA 625	0.21	1	WKL	
MO-OJA	2018/19-5	Dry	5/8/2019 9:10:00 AM	5/10/2019 4:10:00 PM	Methyl tert-butyl ether (MTBE)	n/a	<	0.25	µg/L	EPA 624	0.25	1	WKL	
MO-OJA	2018/19-5	Dry	5/8/2019 9:10:00 AM	6/3/2019 9:44:00 PM	Naphthalene	n/a	<	0.49	µg/L	EPA 625	0.49	1	WKL	
MO-OJA	2018/19-5	Dry	5/8/2019 9:10:00 AM	6/8/2019 5:08:00 AM	Naphthalene	n/a	<	0.2	µg/L	EPA 8270C	0.2	0.2	WKL	
MO-OJA	2018/19-5	Dry	5/8/2019 9:10:00 AM	6/3/2019 9:44:00 PM	Nitrobenzene	n/a	<	0.36	µg/L	EPA 625	0.36	1	WKL	
MO-OJA	2018/19-5	Dry	5/8/2019 9:10:00 AM	6/3/2019 9:44:00 PM	N-Nitrosodimethylamine	n/a	<	0.14	µg/L	EPA 625	0.14	1	WKL	

Appendix G
Laboratory Environmental Analysis Results

Site ID	Event	Event Type	Sample Date	Analysis Date	Constituent	Fraction	Sign	Result	Units	Method	MDL	Reporting Limit	Analyzing Laboratory	Qualifier
MO-OJA	2018/19-5	Dry	5/8/2019 9:10:00 AM	6/3/2019 9:44:00 PM	N-Nitrosodi-N-propylamine	n/a	<	0.26	µg/L	EPA 625	0.26	1	WKL	
MO-OJA	2018/19-5	Dry	5/8/2019 9:10:00 AM	6/3/2019 9:44:00 PM	N-Nitrosodiphenylamine	n/a	<	0.19	µg/L	EPA 625	0.19	1	WKL	
MO-OJA	2018/19-5	Dry	5/8/2019 9:10:00 AM	6/8/2019 5:08:00 AM	Phenanthrene	n/a	<	0.2	µg/L	EPA 8270C	0.2	0.2	WKL	
MO-OJA	2018/19-5	Dry	5/8/2019 9:10:00 AM	6/3/2019 9:44:00 PM	Phenanthrene	n/a	<	0.32	µg/L	EPA 625	0.32	1	WKL	
MO-OJA	2018/19-5	Dry	5/8/2019 9:10:00 AM	5/22/2019 2:02:00 AM	Phenol	n/a	<	0.7	µg/L	EPA 8270C	0.7	2	WKL	
MO-OJA	2018/19-5	Dry	5/8/2019 9:10:00 AM	6/3/2019 9:44:00 PM	Phenol	n/a	DNQ	0.16	µg/L	EPA 625	0.16	1	WKL	
MO-OJA	2018/19-5	Dry	5/8/2019 9:10:00 AM	6/3/2019 9:44:00 PM	Pyrene	n/a	<	0.25	µg/L	EPA 625	0.25	1	WKL	
MO-OJA	2018/19-5	Dry	5/8/2019 9:10:00 AM	6/8/2019 5:08:00 AM	Pyrene	n/a	<	0.2	µg/L	EPA 8270C	0.2	0.2	WKL	
MO-OJA	2018/19-5	Dry	5/8/2019 9:10:00 AM	5/14/2019 8:47:00 PM	PCB Aroclor 1016	n/a	<	0.5	µg/L	EPA 608	0.5	5	WKL	
MO-OJA	2018/19-5	Dry	5/8/2019 9:10:00 AM	5/14/2019 8:47:00 PM	PCB Aroclor 1221	n/a	<	0.6	µg/L	EPA 608	0.6	5	WKL	
MO-OJA	2018/19-5	Dry	5/8/2019 9:10:00 AM	5/14/2019 8:47:00 PM	PCB Aroclor 1232	n/a	<	1.5	µg/L	EPA 608	1.5	5	WKL	
MO-OJA	2018/19-5	Dry	5/8/2019 9:10:00 AM	5/14/2019 8:47:00 PM	PCB Aroclor 1242	n/a	<	0.7	µg/L	EPA 608	0.7	5	WKL	
MO-OJA	2018/19-5	Dry	5/8/2019 9:10:00 AM	5/14/2019 8:47:00 PM	PCB Aroclor 1248	n/a	<	0.6	µg/L	EPA 608	0.6	5	WKL	
MO-OJA	2018/19-5	Dry	5/8/2019 9:10:00 AM	5/14/2019 8:47:00 PM	PCB Aroclor 1254	n/a	<	0.4	µg/L	EPA 608	0.4	5	WKL	
MO-OJA	2018/19-5	Dry	5/8/2019 9:10:00 AM	5/14/2019 8:47:00 PM	PCB Aroclor 1260	n/a	<	0.4	µg/L	EPA 608	0.4	5	WKL	
MO-OJA	2018/19-5	Dry	5/8/2019 9:10:00 AM	5/16/2019 5:49:00 AM	2,4,5-T	n/a	<	0.07	µg/L	EPA 515.4	0.07	0.2	WKL	
MO-OJA	2018/19-5	Dry	5/8/2019 9:10:00 AM	5/16/2019 5:49:00 AM	2,4,5-TP	n/a	<	0.09	µg/L	EPA 515.4	0.09	0.2	WKL	
MO-OJA	2018/19-5	Dry	5/8/2019 9:10:00 AM	5/16/2019 5:49:00 AM	2,4-D	n/a	<	0.07	µg/L	EPA 515.4	0.07	0.4	WKL	
MO-OJA	2018/19-5	Dry	5/8/2019 9:10:00 AM	5/16/2019 5:49:00 AM	2,4-DB	n/a	<	0.07	µg/L	EPA 515.4	0.07	2	WKL	
MO-OJA	2018/19-5	Dry	5/8/2019 9:10:00 AM	5/16/2019 5:49:00 AM	3,5-Dichlorobenzoic acid	n/a	<	0.09	µg/L	EPA 515.4	0.09	1	WKL	
MO-OJA	2018/19-5	Dry	5/8/2019 9:10:00 AM	5/14/2019 8:47:00 PM	4,4'-DDD	n/a	<	0.03	µg/L	EPA 608	0.03	0.5	WKL	
MO-OJA	2018/19-5	Dry	5/8/2019 9:10:00 AM	5/14/2019 8:47:00 PM	4,4'-DDE	n/a	<	0.025	µg/L	EPA 608	0.025	0.5	WKL	
MO-OJA	2018/19-5	Dry	5/8/2019 9:10:00 AM	5/14/2019 8:47:00 PM	4,4'-DDT	n/a	<	0.031	µg/L	EPA 608	0.031	0.1	WKL	
MO-OJA	2018/19-5	Dry	5/8/2019 9:10:00 AM	5/16/2019 5:49:00 AM	Acifluorfen	n/a	<	0.06	µg/L	EPA 515.4	0.06	0.4	WKL	
MO-OJA	2018/19-5	Dry	5/8/2019 9:10:00 AM	5/15/2019 5:07:00 AM	Alachlor	n/a	<	0.022	µg/L	EPA 525.2	0.022	0.1	WKL	
MO-OJA	2018/19-5	Dry	5/8/2019 9:10:00 AM	5/14/2019 8:47:00 PM	Aldrin	n/a	<	0.015	µg/L	EPA 608	0.015	0.05	WKL	
MO-OJA	2018/19-5	Dry	5/8/2019 9:10:00 AM	5/14/2019 8:47:00 PM	alpha-BHC	n/a	<	0.018	µg/L	EPA 608	0.018	0.1	WKL	
MO-OJA	2018/19-5	Dry	5/8/2019 9:10:00 AM	5/14/2019 8:47:00 PM	alpha-Chlordane	n/a	<	0.041	µg/L	EPA 608	0.041	0.1	WKL	
MO-OJA	2018/19-5	Dry	5/8/2019 9:10:00 AM	5/15/2019 5:07:00 AM	Atrazine	n/a	DNQ	0.051	µg/L	EPA 525.2	0.034	0.1	WKL	
MO-OJA	2018/19-5	Dry	5/8/2019 9:10:00 AM	5/22/2019 11:35:00 AM	Azinphos methyl	n/a	<	0.0055	µg/L	EPA 525.2m	0.0055	0.01	WKL	
MO-OJA	2018/19-5	Dry	5/8/2019 9:10:00 AM	5/16/2019 5:49:00 AM	Bentazon	n/a	<	0.11	µg/L	EPA 515.4	0.11	2	WKL	
MO-OJA	2018/19-5	Dry	5/8/2019 9:10:00 AM	5/14/2019 8:47:00 PM	beta-BHC	n/a	<	0.031	µg/L	EPA 608	0.031	0.05	WKL	
MO-OJA	2018/19-5	Dry	5/8/2019 9:10:00 AM	5/22/2019 11:35:00 AM	Bolstar	n/a	<	0.0046	µg/L	EPA 525.2m	0.0046	0.01	WKL	
MO-OJA	2018/19-5	Dry	5/8/2019 9:10:00 AM	5/15/2019 5:07:00 AM	Bromacil	n/a	<	0.038	µg/L	EPA 525.2	0.038	1	WKL	
MO-OJA	2018/19-5	Dry	5/8/2019 9:10:00 AM	5/15/2019 5:07:00 AM	Butachlor	n/a	<	0.017	µg/L	EPA 525.2	0.017	0.2	WKL	
MO-OJA	2018/19-5	Dry	5/8/2019 9:10:00 AM	5/15/2019 5:07:00 AM	Captan	n/a	<	0.86	µg/L	EPA 525.2	0.86	1	WKL	
MO-OJA	2018/19-5	Dry	5/8/2019 9:10:00 AM	5/14/2019 8:47:00 PM	Chlordane (technical)	n/a	<	0.8	µg/L	EPA 608	0.8	1	WKL	
MO-OJA	2018/19-5	Dry	5/8/2019 9:10:00 AM	5/15/2019 5:07:00 AM	Chloroprotham	n/a	<	0.01	µg/L	EPA 525.2	0.01	0.1	WKL	
MO-OJA	2018/19-5	Dry	5/8/2019 9:10:00 AM	5/22/2019 11:35:00 AM	Chlorpyrifos	n/a	<	0.0069	µg/L	EPA 525.2m	0.0069	0.01	WKL	
MO-OJA	2018/19-5	Dry	5/8/2019 9:10:00 AM	5/22/2019 11:35:00 AM	Coumaphos	n/a	<	0.0051	µg/L	EPA 525.2m	0.0051	0.01	WKL	
MO-OJA	2018/19-5	Dry	5/8/2019 9:10:00 AM	5/15/2019 5:07:00 AM	Cyanazine	n/a	<	0.024	µg/L	EPA 525.2	0.024	0.1	WKL	
MO-OJA	2018/19-5	Dry	5/8/2019 9:10:00 AM	5/16/2019 5:49:00 AM	Dalapon	n/a	<	0.1	µg/L	EPA 515.4	0.1	0.4	WKL	
MO-OJA	2018/19-5	Dry	5/8/2019 9:10:00 AM	5/16/2019 5:49:00 AM	DCPA (Dacthal)	n/a	<	0.07	µg/L	EPA 515.4	0.07	0.1	WKL	
MO-OJA	2018/19-5	Dry	5/8/2019 9:10:00 AM	5/14/2019 8:47:00 PM	delta-BHC	n/a	<	0.025	µg/L	EPA 608	0.025	0.05	WKL	
MO-OJA	2018/19-5	Dry	5/8/2019 9:10:00 AM	5/22/2019 11:35:00 AM	Demeton-O	n/a	<	0.01	µg/L	EPA 525.2m	0.01	0.01	WKL	
MO-OJA	2018/19-5	Dry	5/8/2019 9:10:00 AM	5/22/2019 11:35:00 AM	Demeton-S	n/a	<	0.01	µg/L	EPA 525.2m	0.01	0.01	WKL	
MO-OJA	2018/19-5	Dry	5/8/2019 9:10:00 AM	5/15/2019 5:07:00 AM	Diazinon	n/a	<	0.096	µg/L	EPA 525.2	0.096	0.1	WKL	
MO-OJA	2018/19-5	Dry	5/8/2019 9:10:00 AM	5/22/2019 11:35:00 AM	Diazinon	n/a	<	0.0052	µg/L	EPA 525.2m	0.0052	0.01	WKL	

Appendix G
Laboratory Environmental Analysis Results

Site ID	Event	Event Type	Sample Date	Analysis Date	Constituent	Fraction	Sign	Result	Units	Method	MDL	Reporting Limit	Analyzing Laboratory	Qualifier
MO-OJA	2018/19-5	Dry	5/8/2019 9:10:00 AM	5/16/2019 5:49:00 AM	Dicamba	n/a	<	0.12	µg/L	EPA 515.4	0.12	0.6	WKL	
MO-OJA	2018/19-5	Dry	5/8/2019 9:10:00 AM	5/16/2019 5:49:00 AM	Dichlorprop	n/a	<	0.08	µg/L	EPA 515.4	0.08	0.3	WKL	
MO-OJA	2018/19-5	Dry	5/8/2019 9:10:00 AM	5/22/2019 11:35:00 AM	Dichlorvos	n/a	<	0.0029	µg/L	EPA 525.2m	0.0029	0.01	WKL	
MO-OJA	2018/19-5	Dry	5/8/2019 9:10:00 AM	5/14/2019 8:47:00 PM	Dieldrin	n/a	<	0.021	µg/L	EPA 608	0.021	0.1	WKL	
MO-OJA	2018/19-5	Dry	5/8/2019 9:10:00 AM	5/22/2019 11:35:00 AM	Dimethoate	n/a	<	0.0062	µg/L	EPA 525.2m	0.0062	0.01	WKL	
MO-OJA	2018/19-5	Dry	5/8/2019 9:10:00 AM	5/15/2019 5:07:00 AM	Dimethoate	n/a	<	0.024	µg/L	EPA 525.2	0.024	0.2	WKL	
MO-OJA	2018/19-5	Dry	5/8/2019 9:10:00 AM	5/16/2019 5:49:00 AM	Dinoseb	n/a	<	0.14	µg/L	EPA 515.4	0.14	0.4	WKL	
MO-OJA	2018/19-5	Dry	5/8/2019 9:10:00 AM	5/15/2019 5:07:00 AM	Diphenamid	n/a	<	0.024	µg/L	EPA 525.2	0.024	0.1	WKL	
MO-OJA	2018/19-5	Dry	5/8/2019 9:10:00 AM	5/15/2019 5:07:00 AM	Disulfoton	n/a	<	0.031	µg/L	EPA 525.2	0.031	0.1	WKL	
MO-OJA	2018/19-5	Dry	5/8/2019 9:10:00 AM	5/22/2019 11:35:00 AM	Disulfoton	n/a	<	0.01	µg/L	EPA 525.2m	0.01	0.01	WKL	
MO-OJA	2018/19-5	Dry	5/8/2019 9:10:00 AM	5/14/2019 8:47:00 PM	Endosulfan I	n/a	<	0.017	µg/L	EPA 608	0.017	0.2	WKL	
MO-OJA	2018/19-5	Dry	5/8/2019 9:10:00 AM	5/14/2019 8:47:00 PM	Endosulfan II	n/a	<	0.019	µg/L	EPA 608	0.019	0.1	WKL	
MO-OJA	2018/19-5	Dry	5/8/2019 9:10:00 AM	5/14/2019 8:47:00 PM	Endosulfan sulfate	n/a	<	0.08	µg/L	EPA 608	0.08	0.5	WKL	
MO-OJA	2018/19-5	Dry	5/8/2019 9:10:00 AM	5/14/2019 8:47:00 PM	Endrin	n/a	<	0.028	µg/L	EPA 608	0.028	0.1	WKL	
MO-OJA	2018/19-5	Dry	5/8/2019 9:10:00 AM	5/14/2019 8:47:00 PM	Endrin aldehyde	n/a	<	0.03	µg/L	EPA 608	0.03	0.1	WKL	
MO-OJA	2018/19-5	Dry	5/8/2019 9:10:00 AM	5/15/2019 5:07:00 AM	EPTC	n/a	<	0.017	µg/L	EPA 525.2	0.017	1	WKL	
MO-OJA	2018/19-5	Dry	5/8/2019 9:10:00 AM	5/22/2019 11:35:00 AM	Ethoprop	n/a	<	0.0067	µg/L	EPA 525.2m	0.0067	0.01	WKL	
MO-OJA	2018/19-5	Dry	5/8/2019 9:10:00 AM	5/22/2019 11:35:00 AM	Ethyl parathion	n/a	<	0.0054	µg/L	EPA 525.2m	0.0054	0.01	WKL	
MO-OJA	2018/19-5	Dry	5/8/2019 9:10:00 AM	5/22/2019 11:35:00 AM	Fensulfothion	n/a	<	0.0029	µg/L	EPA 525.2m	0.0029	0.01	WKL	
MO-OJA	2018/19-5	Dry	5/8/2019 9:10:00 AM	5/22/2019 11:35:00 AM	Fenthion	n/a	<	0.0038	µg/L	EPA 525.2m	0.0038	0.01	WKL	
MO-OJA	2018/19-5	Dry	5/8/2019 9:10:00 AM	5/14/2019 8:47:00 PM	gamma-BHC (Lindane)	n/a	<	0.021	µg/L	EPA 608	0.021	0.2	WKL	
MO-OJA	2018/19-5	Dry	5/8/2019 9:10:00 AM	5/14/2019 8:47:00 PM	gamma-Chlordane	n/a	<	0.044	µg/L	EPA 608	0.044	0.1	WKL	
MO-OJA	2018/19-5	Dry	5/8/2019 9:10:00 AM	5/9/2019 10:30:00 PM	Glyphosate	n/a	<	1.8	µg/L	EPA 547	1.8	5	WKL	
MO-OJA	2018/19-5	Dry	5/8/2019 9:10:00 AM	5/14/2019 8:47:00 PM	Heptachlor	n/a	<	0.017	µg/L	EPA 608	0.017	0.1	WKL	
MO-OJA	2018/19-5	Dry	5/8/2019 9:10:00 AM	5/14/2019 8:47:00 PM	Heptachlor epoxide	n/a	<	0.019	µg/L	EPA 608	0.019	0.1	WKL	
MO-OJA	2018/19-5	Dry	5/8/2019 9:10:00 AM	5/22/2019 11:35:00 AM	Malathion	n/a	<	0.0076	µg/L	EPA 525.2m	0.0076	0.01	WKL	
MO-OJA	2018/19-5	Dry	5/8/2019 9:10:00 AM	5/22/2019 11:35:00 AM	Merphos	n/a	<	0.0058	µg/L	EPA 525.2m	0.0058	0.01	WKL	
MO-OJA	2018/19-5	Dry	5/8/2019 9:10:00 AM	5/14/2019 8:47:00 PM	Methoxychlor	n/a	<	0.054	µg/L	EPA 608	0.054	0.2	WKL	
MO-OJA	2018/19-5	Dry	5/8/2019 9:10:00 AM	5/22/2019 11:35:00 AM	Methyl parathion	n/a	<	0.0063	µg/L	EPA 525.2m	0.0063	0.01	WKL	
MO-OJA	2018/19-5	Dry	5/8/2019 9:10:00 AM	5/15/2019 5:07:00 AM	Metolachlor	n/a	<	0.012	µg/L	EPA 525.2	0.012	0.1	WKL	
MO-OJA	2018/19-5	Dry	5/8/2019 9:10:00 AM	5/15/2019 5:07:00 AM	Metribuzin	n/a	<	0.015	µg/L	EPA 525.2	0.015	0.1	WKL	
MO-OJA	2018/19-5	Dry	5/8/2019 9:10:00 AM	5/22/2019 11:35:00 AM	Mevinphos	n/a	<	0.0042	µg/L	EPA 525.2m	0.0042	0.01	WKL	
MO-OJA	2018/19-5	Dry	5/8/2019 9:10:00 AM	5/15/2019 5:07:00 AM	Molinate	n/a	<	0.039	µg/L	EPA 525.2	0.039	0.1	WKL	
MO-OJA	2018/19-5	Dry	5/8/2019 9:10:00 AM	5/22/2019 11:35:00 AM	Naled	n/a	<	0.0076	µg/L	EPA 525.2m	0.0076	0.01	WKL	
MO-OJA	2018/19-5	Dry	5/8/2019 9:10:00 AM	5/16/2019 5:49:00 AM	Pentachlorophenol	n/a	<	0.04	µg/L	EPA 515.4	0.04	0.2	WKL	
MO-OJA	2018/19-5	Dry	5/8/2019 9:10:00 AM	6/3/2019 9:44:00 PM	Pentachlorophenol	n/a	<	0.19	µg/L	EPA 625	0.19	1	WKL	
MO-OJA	2018/19-5	Dry	5/8/2019 9:10:00 AM	5/22/2019 2:02:00 AM	Pentachlorophenol	n/a	<	0.3	µg/L	EPA 8270C	0.3	2	WKL	
MO-OJA	2018/19-5	Dry	5/8/2019 9:10:00 AM	5/22/2019 11:35:00 AM	Phorate	n/a	<	0.003	µg/L	EPA 525.2m	0.003	0.01	WKL	
MO-OJA	2018/19-5	Dry	5/8/2019 9:10:00 AM	5/16/2019 5:49:00 AM	Picloram	n/a	<	0.05	µg/L	EPA 515.4	0.05	0.6	WKL	
MO-OJA	2018/19-5	Dry	5/8/2019 9:10:00 AM	5/15/2019 5:07:00 AM	Prometon	n/a	<	0.024	µg/L	EPA 525.2	0.024	0.2	WKL	
MO-OJA	2018/19-5	Dry	5/8/2019 9:10:00 AM	5/15/2019 5:07:00 AM	Prometryn	n/a	<	0.036	µg/L	EPA 525.2	0.036	0.1	WKL	
MO-OJA	2018/19-5	Dry	5/8/2019 9:10:00 AM	5/22/2019 11:35:00 AM	Ronnel (Fenchlorphos)	n/a	<	0.0041	µg/L	EPA 525.2m	0.0041	0.01	WKL	
MO-OJA	2018/19-5	Dry	5/8/2019 9:10:00 AM	5/15/2019 5:07:00 AM	Simazine	n/a	<	0.015	µg/L	EPA 525.2	0.015	0.1	WKL	
MO-OJA	2018/19-5	Dry	5/8/2019 9:10:00 AM	5/22/2019 11:35:00 AM	Stirophos (Tetrachlorvinphos)	n/a	<	0.0031	µg/L	EPA 525.2m	0.0031	0.01	WKL	
MO-OJA	2018/19-5	Dry	5/8/2019 9:10:00 AM	5/15/2019 5:07:00 AM	Terbacil	n/a	<	0.55	µg/L	EPA 525.2	0.55	2	WKL	
MO-OJA	2018/19-5	Dry	5/8/2019 9:10:00 AM	5/15/2019 5:07:00 AM	Thiobencarb	n/a	<	0.025	µg/L	EPA 525.2	0.025	0.2	WKL	
MO-OJA	2018/19-5	Dry	5/8/2019 9:10:00 AM	5/22/2019 11:35:00 AM	Tokuthion	n/a	<	0.0078	µg/L	EPA 525.2m	0.0078	0.01	WKL	
MO-OJA	2018/19-5	Dry	5/8/2019 9:10:00 AM	5/14/2019 8:47:00 PM	Toxaphene	n/a	<	1.2	µg/L	EPA 608	1.2	5	WKL	

Appendix G
Laboratory Environmental Analysis Results

Site ID	Event	Event Type	Sample Date	Analysis Date	Constituent	Fraction	Sign	Result	Units	Method	MDL	Reporting Limit	Analyzing Laboratory	Qualifier
MO-OJA	2018/19-5	Dry	5/8/2019 9:10:00 AM	5/22/2019 11:35:00 AM	Trichloronate	n/a	<	0.0067	µg/L	EPA 525.2m	0.0067	0.01	WKL	
MO-OJA	2018/19-5	Dry	5/8/2019 9:10:00 AM	5/15/2019 5:07:00 AM	Trithion	n/a	<	0.012	µg/L	EPA 525.2	0.012	0.1	WKL	
MO-OXN	2018/19-1	Wet	11/21/2018 11:40:00 PM	11/22/2018 9:00:00 PM	E. Coli	n/a	=	5794	MPN/100 mL	MMO-MUG	10	10	VCHCA	
MO-OXN	2018/19-1	Wet	11/21/2018 11:40:00 PM	11/22/2018 9:00:00 PM	Total Coliform	n/a	=	173290	MPN/100 mL	MMO-MUG	100	100	VCHCA	
MO-OXN	2018/19-1	Wet	11/21/2018 11:40:00 PM	11/21/2018 11:40:00 PM	Conductivity	n/a	=	237.7	µmhos/cm	Field Meter	-88	1	Field Crew	
MO-OXN	2018/19-1	Wet	11/21/2018 11:40:00 PM	11/28/2018 5:16:00 PM	Cyanide	Total	=	0.0077	mg/L	ASTM D7511	0.0005	0.002	WKL	
MO-OXN	2018/19-1	Wet	11/21/2018 11:40:00 PM	11/21/2018 11:40:00 PM	DO	n/a	=	96.1	%	Field Meter	-88	0.1	Field Crew	
MO-OXN	2018/19-1	Wet	11/21/2018 11:40:00 PM	11/21/2018 11:40:00 PM	DO	n/a	=	9.19	mg/L	Field Meter	-88	0.3	Field Crew	
MO-OXN	2018/19-1	Wet	11/21/2018 11:40:00 PM	11/21/2018 11:40:00 PM	pH	n/a	=	6.85	pH Units	Field Meter	-88	0.01	Field Crew	
MO-OXN	2018/19-1	Wet	11/21/2018 11:40:00 PM	11/21/2018 11:40:00 PM	Salinity	n/a	=	100	mg/L	Field Meter	-88	100	Field Crew	
MO-OXN	2018/19-1	Wet	11/21/2018 11:40:00 PM	11/21/2018 11:40:00 PM	Specific Conductance	n/a	=	279.7	µmhos/cm	Field Meter	-88	1	Field Crew	
MO-OXN	2018/19-1	Wet	11/21/2018 11:40:00 PM	11/21/2018 11:40:00 PM	Temperature	n/a	=	17.2	°C	Field Meter	-88	0.1	Field Crew	
MO-OXN	2018/19-1	Wet	11/21/2018 11:40:00 PM	11/30/2018 7:30:00 PM	Gasoline Range Organics	n/a	<	0.012	mg/L	LUFT GC/MS	0.012	0.1	WKL	
MO-OXN	2018/19-1	Wet	11/21/2018 11:40:00 PM	11/28/2018 5:00:00 PM	Oil and Grease	n/a	DNQ	2.6	mg/L	EPA 1664A	1.3	5	WKL	
MO-OXN	2018/19-1	Wet	11/21/2018 11:40:00 PM	11/26/2018 9:26:00 PM	2-Chloroethyl vinyl ether	n/a	<	0.28	µg/L	EPA 624	0.28	1	WKL	
MO-OXN	2018/19-1	Wet	11/21/2018 11:40:00 PM	11/26/2018 9:26:00 PM	Methyl tert-butyl ether (MTBE)	n/a	<	0.25	µg/L	EPA 624	0.25	1	WKL	
MO-OXN	2018/19-1	Wet	11/22/2018 9:04:00 AM	11/28/2018 9:00:00 PM	Chloride	n/a	=	24	mg/L	EPA 300.0	0.2	1	WKL	
MO-OXN	2018/19-1	Wet	11/22/2018 9:04:00 AM	11/28/2018 9:00:00 PM	Fluoride	n/a	=	0.36	mg/L	EPA 300.0	0.04	0.2	WKL	
MO-OXN	2018/19-1	Wet	11/22/2018 9:04:00 AM	11/29/2018 8:11:00 PM	Perchlorate	n/a	<	0.95	µg/L	EPA 314.0	0.95	2	WKL	
MO-OXN	2018/19-1	Wet	11/22/2018 9:04:00 AM	11/28/2018 9:00:00 PM	Sulfate	Total	=	52	mg/L	EPA 300.0	0.2	1	WKL	
MO-OXN	2018/19-1	Wet	11/22/2018 9:04:00 AM	11/27/2018 4:04:00 PM	Calcium	Total	=	27.1	mg/L	EPA 200.7	0.016	0.1	WKL	
MO-OXN	2018/19-1	Wet	11/22/2018 9:04:00 AM	11/27/2018 4:04:00 PM	Magnesium	Total	=	6.74	mg/L	EPA 200.7	0.012	0.1	WKL	
MO-OXN	2018/19-1	Wet	11/22/2018 9:04:00 AM	11/27/2018 4:04:00 PM	Potassium	Total	=	8.4	mg/L	EPA 200.7	0.081	0.1	WKL	
MO-OXN	2018/19-1	Wet	11/22/2018 9:04:00 AM	11/27/2018 4:04:00 PM	Sodium	Total	=	22	mg/L	EPA 200.7	0.015	0.5	WKL	
MO-OXN	2018/19-1	Wet	11/22/2018 9:04:00 AM	11/27/2018 2:45:00 PM	Alkalinity as CaCO3	n/a	=	56	mg/L	SM 2320 B	0.56	2	WKL	
MO-OXN	2018/19-1	Wet	11/22/2018 9:04:00 AM	11/28/2018 7:04:00 PM	BOD	n/a	=	58	mg/L	SM 5210 B	2	2	WKL	
MO-OXN	2018/19-1	Wet	11/22/2018 9:04:00 AM	11/27/2018 2:52:00 PM	COD	n/a	=	290	mg/L	EPA 410.4	0.73	5	WKL	
MO-OXN	2018/19-1	Wet	11/22/2018 9:04:00 AM	12/4/2018 2:24:00 PM	Dissolved Inorganic Carbon	Dissolved	=	14	mg/L	SM 5310 B	0.016	0.1	WKL	
MO-OXN	2018/19-1	Wet	11/22/2018 9:04:00 AM	12/3/2018 11:13:00 AM	Dissolved Organic Carbon	Dissolved	=	56	mg/L	SM 5310 B	0.013	0.3	WKL	
MO-OXN	2018/19-1	Wet	11/22/2018 9:04:00 AM	11/27/2018 4:04:00 PM	Hardness as CaCO3	Total	=	95.4	mg/L	EPA 200.7	0.0894	0.662	WKL	
MO-OXN	2018/19-1	Wet	11/22/2018 9:04:00 AM	11/23/2018 6:32:00 PM	MBAS	n/a	=	1.4	mg/L	SM 5540 C	0.095	0.25	WKL	
MO-OXN	2018/19-1	Wet	11/22/2018 9:04:00 AM	12/6/2018 6:19:00 PM	Phenolics	n/a	=	0.055	mg/L	EPA 420.4	0.0084	0.02	WKL	
MO-OXN	2018/19-1	Wet	11/22/2018 9:04:00 AM	11/28/2018 6:35:00 PM	Specific Conductance	n/a	=	320	µmhos/cm	SM 2510 B	0.23	2	WKL	
MO-OXN	2018/19-1	Wet	11/22/2018 9:04:00 AM	11/27/2018 6:57:00 PM	Total Dissolved Solids	n/a	=	260	mg/L	SM 2540 C	4	10	WKL	
MO-OXN	2018/19-1	Wet	11/22/2018 9:04:00 AM	11/30/2018 12:03:00 PM	Total Organic Carbon	n/a	=	70	mg/L	SM 5310 B	0.016	0.1	WKL	
MO-OXN	2018/19-1	Wet	11/22/2018 9:04:00 AM	11/26/2018 12:37:00 PM	Total Suspended Solids	n/a	=	180	mg/L	SM 2540 D	-88	5	WKL	
MO-OXN	2018/19-1	Wet	11/22/2018 9:04:00 AM	11/23/2018 6:35:00 PM	Turbidity	n/a	=	58	NTU	EPA 180.1	0.12	0.5	WKL	
MO-OXN	2018/19-1	Wet	11/22/2018 9:04:00 AM	11/26/2018 12:37:00 PM	Volatile Suspended Solids	n/a	=	56	mg/L	EPA 160.4	3.1	5	WKL	
MO-OXN	2018/19-1	Wet	11/22/2018 9:04:00 AM	12/1/2018 1:41:00 AM	Diesel Range Organics	n/a	=	1.5	mg/L	EPA 8015D	0.12	0.5	WKL	
MO-OXN	2018/19-1	Wet	11/22/2018 9:04:00 AM	12/1/2018 1:41:00 AM	Oil Range Organics	n/a	DNQ	1.9	mg/L	EPA 8015D	1.6	2.5	WKL	
MO-OXN	2018/19-1	Wet	11/22/2018 9:04:00 AM	11/28/2018 3:00:00 PM	Aluminum	Dissolved	=	84	µg/L	EPA 200.8	1.3	5	WKL	
MO-OXN	2018/19-1	Wet	11/22/2018 9:04:00 AM	11/28/2018 3:00:00 PM	Aluminum	Total	=	2200	µg/L	EPA 200.8	1.3	5	WKL	
MO-OXN	2018/19-1	Wet	11/22/2018 9:04:00 AM	11/28/2018 3:00:00 PM	Antimony	Dissolved	=	2.2	µg/L	EPA 200.8	0.045	0.5	WKL	
MO-OXN	2018/19-1	Wet	11/22/2018 9:04:00 AM	11/28/2018 1:47:00 PM	Antimony	Total	=	3.5	µg/L	EPA 200.8	0.045	0.5	WKL	
MO-OXN	2018/19-1	Wet	11/22/2018 9:04:00 AM	11/28/2018 3:00:00 PM	Arsenic	Dissolved	=	1.5	µg/L	EPA 200.8	0.074	0.4	WKL	
MO-OXN	2018/19-1	Wet	11/22/2018 9:04:00 AM	11/28/2018 1:47:00 PM	Arsenic	Total	=	2.5	µg/L	EPA 200.8	0.074	0.4	WKL	
MO-OXN	2018/19-1	Wet	11/22/2018 9:04:00 AM	11/28/2018 1:47:00 PM	Barium	Total	=	58	µg/L	EPA 200.8	0.071	0.5	WKL	
MO-OXN	2018/19-1	Wet	11/22/2018 9:04:00 AM	11/28/2018 3:00:00 PM	Beryllium	Dissolved	<	0.033	µg/L	EPA 200.8	0.033	0.1	WKL	

Appendix G
Laboratory Environmental Analysis Results

Site ID	Event	Event Type	Sample Date	Analysis Date	Constituent	Fraction	Sign	Result	Units	Method	MDL	Reporting Limit	Analyzing Laboratory	Qualifier
MO-OXN	2018/19-1	Wet	11/22/2018 9:04:00 AM	11/28/2018 1:47:00 PM	Beryllium	Total	=	0.1	µg/L	EPA 200.8	0.033	0.1	WKL	
MO-OXN	2018/19-1	Wet	11/22/2018 9:04:00 AM	11/28/2018 3:00:00 PM	Cadmium	Dissolved	=	0.13	µg/L	EPA 200.8	0.041	0.1	WKL	
MO-OXN	2018/19-1	Wet	11/22/2018 9:04:00 AM	11/28/2018 3:00:00 PM	Cadmium	Total	=	0.4	µg/L	EPA 200.8	0.041	0.1	WKL	
MO-OXN	2018/19-1	Wet	11/22/2018 9:04:00 AM	11/28/2018 3:00:00 PM	Chromium	Dissolved	=	1.6	µg/L	EPA 200.8	0.035	0.2	WKL	
MO-OXN	2018/19-1	Wet	11/22/2018 9:04:00 AM	11/28/2018 1:47:00 PM	Chromium	Total	=	6.1	µg/L	EPA 200.8	0.035	0.2	WKL	
MO-OXN	2018/19-1	Wet	11/22/2018 9:04:00 AM	12/1/2018 12:22:00 AM	Chromium VI	n/a	=	0.7	µg/L	EPA 218.6	0.096	0.4	WKL	
MO-OXN	2018/19-1	Wet	11/22/2018 9:04:00 AM	11/28/2018 3:00:00 PM	Copper	Dissolved	=	25	µg/L	EPA 200.8	0.13	0.5	WKL	
MO-OXN	2018/19-1	Wet	11/22/2018 9:04:00 AM	11/28/2018 1:47:00 PM	Copper	Total	=	52	µg/L	EPA 200.8	0.13	0.5	WKL	
MO-OXN	2018/19-1	Wet	11/22/2018 9:04:00 AM	11/27/2018 3:55:00 PM	Iron	Dissolved	=	200	µg/L	EPA 200.7	1.1	10	WKL	
MO-OXN	2018/19-1	Wet	11/22/2018 9:04:00 AM	11/27/2018 4:04:00 PM	Iron	Total	=	3700	µg/L	EPA 200.7	1.1	10	WKL	
MO-OXN	2018/19-1	Wet	11/22/2018 9:04:00 AM	11/28/2018 3:00:00 PM	Lead	Dissolved	=	1.4	µg/L	EPA 200.8	0.031	0.2	WKL	
MO-OXN	2018/19-1	Wet	11/22/2018 9:04:00 AM	11/28/2018 1:47:00 PM	Lead	Total	=	18	µg/L	EPA 200.8	0.031	0.2	WKL	
MO-OXN	2018/19-1	Wet	11/22/2018 9:04:00 AM	11/28/2018 4:13:00 PM	Mercury	Dissolved	<	17	ng/L	EPA 245.1	17	50	WKL	
MO-OXN	2018/19-1	Wet	11/22/2018 9:04:00 AM	11/28/2018 4:15:00 PM	Mercury	Total	DNQ	21	ng/L	EPA 245.1	17	50	WKL	
MO-OXN	2018/19-1	Wet	11/22/2018 9:04:00 AM	11/28/2018 3:00:00 PM	Nickel	Dissolved	=	9.8	µg/L	EPA 200.8	0.045	0.8	WKL	
MO-OXN	2018/19-1	Wet	11/22/2018 9:04:00 AM	11/28/2018 1:47:00 PM	Nickel	Total	=	14	µg/L	EPA 200.8	0.045	0.8	WKL	
MO-OXN	2018/19-1	Wet	11/22/2018 9:04:00 AM	11/28/2018 3:00:00 PM	Selenium	Dissolved	=	0.94	µg/L	EPA 200.8	0.14	0.4	WKL	
MO-OXN	2018/19-1	Wet	11/22/2018 9:04:00 AM	11/28/2018 4:47:00 PM	Selenium	Total	=	1.2	µg/L	EPA 200.8	0.14	0.4	WKL	
MO-OXN	2018/19-1	Wet	11/22/2018 9:04:00 AM	11/28/2018 3:00:00 PM	Silver	Dissolved	<	0.062	µg/L	EPA 200.8	0.062	0.2	WKL	
MO-OXN	2018/19-1	Wet	11/22/2018 9:04:00 AM	11/28/2018 1:47:00 PM	Silver	Total	<	0.062	µg/L	EPA 200.8	0.062	0.2	WKL	
MO-OXN	2018/19-1	Wet	11/22/2018 9:04:00 AM	11/28/2018 3:00:00 PM	Thallium	Dissolved	<	0.014	µg/L	EPA 200.8	0.014	0.2	WKL	
MO-OXN	2018/19-1	Wet	11/22/2018 9:04:00 AM	11/28/2018 1:47:00 PM	Thallium	Total	DNQ	0.03	µg/L	EPA 200.8	0.014	0.2	WKL	
MO-OXN	2018/19-1	Wet	11/22/2018 9:04:00 AM	11/28/2018 3:00:00 PM	Zinc	Dissolved	=	160	µg/L	EPA 200.8	0.94	5	WKL	
MO-OXN	2018/19-1	Wet	11/22/2018 9:04:00 AM	11/28/2018 1:47:00 PM	Zinc	Total	=	330	µg/L	EPA 200.8	0.94	5	WKL	
MO-OXN	2018/19-1	Wet	11/22/2018 9:04:00 AM	11/27/2018 4:38:00 PM	Ammonia as N	n/a	=	1.6	mg/L	EPA 350.1	0.048	0.1	WKL	
MO-OXN	2018/19-1	Wet	11/22/2018 9:04:00 AM	12/17/2018 1:13:00 PM	Nitrate + Nitrite as N	n/a	=	1.5	mg/L	EPA 353.2	0.083	0.2	WKL	
MO-OXN	2018/19-1	Wet	11/22/2018 9:04:00 AM	1/17/2019 2:19:00 PM	Phosphorus as P	Dissolved	=	0.57	mg/L	EPA 200.7	0.012	0.02	WKL	
MO-OXN	2018/19-1	Wet	11/22/2018 9:04:00 AM	1/17/2019 2:22:00 PM	Phosphorus as P	Total	=	1	mg/L	EPA 200.7	0.012	0.02	WKL	
MO-OXN	2018/19-1	Wet	11/22/2018 9:04:00 AM	12/19/2018 8:36:00 PM	TKN	n/a	=	5.3	mg/L	EPA 351.2	0.1	0.2	WKL	
MO-OXN	2018/19-1	Wet	11/22/2018 9:04:00 AM	12/29/2018 2:53:00 AM	1,2,4-Trichlorobenzene	n/a	<	5.5	µg/L	EPA 625	5.5	10	WKL	
MO-OXN	2018/19-1	Wet	11/22/2018 9:04:00 AM	12/29/2018 2:53:00 AM	1,2-Dichlorobenzene	n/a	<	5.7	µg/L	EPA 625	5.7	10	WKL	
MO-OXN	2018/19-1	Wet	11/22/2018 9:04:00 AM	12/29/2018 2:53:00 AM	1,2-Diphenylhydrazine	n/a	<	2.5	µg/L	EPA 625	2.5	10	WKL	
MO-OXN	2018/19-1	Wet	11/22/2018 9:04:00 AM	12/29/2018 2:53:00 AM	1,3-Dichlorobenzene	n/a	<	5.3	µg/L	EPA 625	5.3	10	WKL	
MO-OXN	2018/19-1	Wet	11/22/2018 9:04:00 AM	12/29/2018 2:53:00 AM	1,4-Dichlorobenzene	n/a	<	5.5	µg/L	EPA 625	5.5	10	WKL	
MO-OXN	2018/19-1	Wet	11/22/2018 9:04:00 AM	1/4/2019 9:44:00 AM	1-Methylnaphthalene	n/a	<	0.5	µg/L	EPA 8270C	0.5	0.5	WKL	
MO-OXN	2018/19-1	Wet	11/22/2018 9:04:00 AM	1/2/2019 11:30:00 PM	2,4,5-Trichlorophenol	n/a	<	1.4	µg/L	EPA 8270C	1.4	5	WKL	
MO-OXN	2018/19-1	Wet	11/22/2018 9:04:00 AM	1/2/2019 11:30:00 PM	2,4,6-Trichlorophenol	n/a	<	1.5	µg/L	EPA 8270C	1.5	5	WKL	
MO-OXN	2018/19-1	Wet	11/22/2018 9:04:00 AM	12/29/2018 2:53:00 AM	2,4,6-Trichlorophenol	n/a	<	2.2	µg/L	EPA 625	2.2	10	WKL	
MO-OXN	2018/19-1	Wet	11/22/2018 9:04:00 AM	1/2/2019 11:30:00 PM	2,4-Dichlorophenol	n/a	<	2.6	µg/L	EPA 8270C	2.6	5	WKL	
MO-OXN	2018/19-1	Wet	11/22/2018 9:04:00 AM	12/29/2018 2:53:00 AM	2,4-Dichlorophenol	n/a	<	2.6	µg/L	EPA 625	2.6	10	WKL	
MO-OXN	2018/19-1	Wet	11/22/2018 9:04:00 AM	1/2/2019 11:30:00 PM	2,4-Dimethylphenol	n/a	<	5	µg/L	EPA 8270C	5	10	WKL	
MO-OXN	2018/19-1	Wet	11/22/2018 9:04:00 AM	12/29/2018 2:53:00 AM	2,4-Dimethylphenol	n/a	<	3	µg/L	EPA 625	3	10	WKL	
MO-OXN	2018/19-1	Wet	11/22/2018 9:04:00 AM	12/29/2018 2:53:00 AM	2,4-Dinitrophenol	n/a	<	16	µg/L	EPA 625	16	100	WKL	
MO-OXN	2018/19-1	Wet	11/22/2018 9:04:00 AM	1/2/2019 11:30:00 PM	2,4-Dinitrophenol	n/a	<	5	µg/L	EPA 8270C	5	10	WKL	
MO-OXN	2018/19-1	Wet	11/22/2018 9:04:00 AM	12/29/2018 2:53:00 AM	2,4-Dinitrotoluene	n/a	<	1.8	µg/L	EPA 625	1.8	10	WKL	
MO-OXN	2018/19-1	Wet	11/22/2018 9:04:00 AM	12/29/2018 2:53:00 AM	2,6-Dinitrotoluene	n/a	<	2.7	µg/L	EPA 625	2.7	10	WKL	
MO-OXN	2018/19-1	Wet	11/22/2018 9:04:00 AM	12/29/2018 2:53:00 AM	2-Chloronaphthalene	n/a	<	4.5	µg/L	EPA 625	4.5	10	WKL	
MO-OXN	2018/19-1	Wet	11/22/2018 9:04:00 AM	1/2/2019 11:30:00 PM	2-Chlorophenol	n/a	<	3.2	µg/L	EPA 8270C	3.2	5	WKL	

Appendix G
Laboratory Environmental Analysis Results

Site ID	Event	Event Type	Sample Date	Analysis Date	Constituent	Fraction	Sign	Result	Units	Method	MDL	Reporting Limit	Analyzing Laboratory	Qualifier
MO-OXN	2018/19-1	Wet	11/22/2018 9:04:00 AM	12/29/2018 2:53:00 AM	2-Chlorophenol	n/a	<	2.8	µg/L	EPA 625	2.8	10	WKL	
MO-OXN	2018/19-1	Wet	11/22/2018 9:04:00 AM	1/4/2019 9:44:00 AM	2-Methylnaphthalene	n/a	<	0.5	µg/L	EPA 8270C	0.5	0.5	WKL	
MO-OXN	2018/19-1	Wet	11/22/2018 9:04:00 AM	1/2/2019 11:30:00 PM	2-Methylphenol	n/a	<	1.7	µg/L	EPA 8270C	1.7	5	WKL	
MO-OXN	2018/19-1	Wet	11/22/2018 9:04:00 AM	12/29/2018 2:53:00 AM	2-Nitrophenol	n/a	<	2.6	µg/L	EPA 625	2.6	10	WKL	
MO-OXN	2018/19-1	Wet	11/22/2018 9:04:00 AM	1/2/2019 11:30:00 PM	2-Nitrophenol	n/a	<	3.6	µg/L	EPA 8270C	3.6	5	WKL	
MO-OXN	2018/19-1	Wet	11/22/2018 9:04:00 AM	12/29/2018 2:53:00 AM	3,3'-Dichlorobenzidine	n/a	<	12	µg/L	EPA 625	12	50	WKL	
MO-OXN	2018/19-1	Wet	11/22/2018 9:04:00 AM	1/2/2019 11:30:00 PM	3-/4-Methylphenol	n/a	<	1.5	µg/L	EPA 8270C	1.5	5	WKL	
MO-OXN	2018/19-1	Wet	11/22/2018 9:04:00 AM	1/2/2019 11:30:00 PM	4,6-Dinitro-2-methylphenol	n/a	<	0.7	µg/L	EPA 8270C	0.7	5	WKL	
MO-OXN	2018/19-1	Wet	11/22/2018 9:04:00 AM	12/29/2018 2:53:00 AM	4,6-Dinitro-2-methylphenol	n/a	<	17	µg/L	EPA 625	17	50	WKL	
MO-OXN	2018/19-1	Wet	11/22/2018 9:04:00 AM	12/29/2018 2:53:00 AM	4-Bromophenyl phenyl ether	n/a	<	3.6	µg/L	EPA 625	3.6	10	WKL	
MO-OXN	2018/19-1	Wet	11/22/2018 9:04:00 AM	1/2/2019 11:30:00 PM	4-Chloro-3-methylphenol	n/a	<	1.8	µg/L	EPA 8270C	1.8	5	WKL	
MO-OXN	2018/19-1	Wet	11/22/2018 9:04:00 AM	12/29/2018 2:53:00 AM	4-Chloro-3-methylphenol	n/a	<	2.3	µg/L	EPA 625	2.3	10	WKL	
MO-OXN	2018/19-1	Wet	11/22/2018 9:04:00 AM	12/29/2018 2:53:00 AM	4-Chlorophenyl phenyl ether	n/a	<	4.1	µg/L	EPA 625	4.1	10	WKL	
MO-OXN	2018/19-1	Wet	11/22/2018 9:04:00 AM	1/2/2019 11:30:00 PM	4-Nitrophenol	n/a	<	5	µg/L	EPA 8270C	5	10	WKL	
MO-OXN	2018/19-1	Wet	11/22/2018 9:04:00 AM	12/29/2018 2:53:00 AM	4-Nitrophenol	n/a	<	4.5	µg/L	EPA 625	4.5	50	WKL	
MO-OXN	2018/19-1	Wet	11/22/2018 9:04:00 AM	12/29/2018 2:53:00 AM	Acenaphthene	n/a	<	3.8	µg/L	EPA 625	3.8	10	WKL	
MO-OXN	2018/19-1	Wet	11/22/2018 9:04:00 AM	1/4/2019 9:44:00 AM	Acenaphthene	n/a	<	0.5	µg/L	EPA 8270C	0.5	0.5	WKL	
MO-OXN	2018/19-1	Wet	11/22/2018 9:04:00 AM	12/29/2018 2:53:00 AM	Acenaphthylene	n/a	<	4	µg/L	EPA 625	4	10	WKL	
MO-OXN	2018/19-1	Wet	11/22/2018 9:04:00 AM	1/4/2019 9:44:00 AM	Acenaphthylene	n/a	<	0.5	µg/L	EPA 8270C	0.5	0.5	WKL	
MO-OXN	2018/19-1	Wet	11/22/2018 9:04:00 AM	12/29/2018 2:53:00 AM	Anthracene	n/a	<	3.4	µg/L	EPA 625	3.4	10	WKL	
MO-OXN	2018/19-1	Wet	11/22/2018 9:04:00 AM	1/4/2019 9:44:00 AM	Anthracene	n/a	<	0.5	µg/L	EPA 8270C	0.5	0.5	WKL	
MO-OXN	2018/19-1	Wet	11/22/2018 9:04:00 AM	12/29/2018 2:53:00 AM	Benz(a)anthracene	n/a	<	1.9	µg/L	EPA 625	1.9	10	WKL	
MO-OXN	2018/19-1	Wet	11/22/2018 9:04:00 AM	1/4/2019 9:44:00 AM	Benz(a)anthracene	n/a	<	0.5	µg/L	EPA 8270C	0.5	0.5	WKL	
MO-OXN	2018/19-1	Wet	11/22/2018 9:04:00 AM	12/29/2018 2:53:00 AM	Benzidine	n/a	<	37	µg/L	EPA 625	37	100	WKL	
MO-OXN	2018/19-1	Wet	11/22/2018 9:04:00 AM	1/4/2019 9:44:00 AM	Benzo(a)pyrene	n/a	<	0.5	µg/L	EPA 8270C	0.5	0.5	WKL	
MO-OXN	2018/19-1	Wet	11/22/2018 9:04:00 AM	12/29/2018 2:53:00 AM	Benzo(a)pyrene	n/a	<	1.3	µg/L	EPA 625	1.3	10	WKL	
MO-OXN	2018/19-1	Wet	11/22/2018 9:04:00 AM	12/14/2018 7:53:00 AM	Benzo(a)pyrene	n/a	<	0.14	µg/L	EPA 525.2	0.14	0.2	WKL	
MO-OXN	2018/19-1	Wet	11/22/2018 9:04:00 AM	12/29/2018 2:53:00 AM	Benzo(b)fluoranthene	n/a	<	1.4	µg/L	EPA 625	1.4	10	WKL	
MO-OXN	2018/19-1	Wet	11/22/2018 9:04:00 AM	1/4/2019 9:44:00 AM	Benzo(b)fluoranthene	n/a	<	0.5	µg/L	EPA 8270C	0.5	0.5	WKL	
MO-OXN	2018/19-1	Wet	11/22/2018 9:04:00 AM	12/29/2018 2:53:00 AM	Benzo(g,h,i)perylene	n/a	<	1	µg/L	EPA 625	1	20	WKL	
MO-OXN	2018/19-1	Wet	11/22/2018 9:04:00 AM	1/4/2019 9:44:00 AM	Benzo(g,h,i)perylene	n/a	<	0.5	µg/L	EPA 8270C	0.5	0.5	WKL	
MO-OXN	2018/19-1	Wet	11/22/2018 9:04:00 AM	1/4/2019 9:44:00 AM	Benzo(k)fluoranthene	n/a	<	0.5	µg/L	EPA 8270C	0.5	0.5	WKL	
MO-OXN	2018/19-1	Wet	11/22/2018 9:04:00 AM	12/29/2018 2:53:00 AM	Benzo(k)fluoranthene	n/a	<	2.2	µg/L	EPA 625	2.2	10	WKL	
MO-OXN	2018/19-1	Wet	11/22/2018 9:04:00 AM	12/29/2018 2:53:00 AM	Bis(2-chloroethoxy)methane	n/a	<	2.5	µg/L	EPA 625	2.5	10	WKL	
MO-OXN	2018/19-1	Wet	11/22/2018 9:04:00 AM	12/29/2018 2:53:00 AM	Bis(2-chloroethyl)ether	n/a	<	2.7	µg/L	EPA 625	2.7	10	WKL	
MO-OXN	2018/19-1	Wet	11/22/2018 9:04:00 AM	12/29/2018 2:53:00 AM	Bis(2-chloroisopropyl)ether	n/a	<	3.8	µg/L	EPA 625	3.8	10	WKL	
MO-OXN	2018/19-1	Wet	11/22/2018 9:04:00 AM	12/14/2018 7:53:00 AM	Bis(2-ethylhexyl)adipate	n/a	<	0.21	µg/L	EPA 525.2	0.21	10	WKL	
MO-OXN	2018/19-1	Wet	11/22/2018 9:04:00 AM	12/29/2018 2:53:00 AM	Bis(2-ethylhexyl)phthalate	n/a	<	2.3	µg/L	EPA 625	2.3	50	WKL	
MO-OXN	2018/19-1	Wet	11/22/2018 9:04:00 AM	12/14/2018 7:53:00 AM	Bis(2-ethylhexyl)phthalate	n/a	<	2.1	µg/L	EPA 525.2	2.1	6	WKL	
MO-OXN	2018/19-1	Wet	11/22/2018 9:04:00 AM	12/29/2018 2:53:00 AM	Butyl benzyl phthalate	n/a	DNQ	1.9	µg/L	EPA 625	1.8	10	WKL	UL-MB
MO-OXN	2018/19-1	Wet	11/22/2018 9:04:00 AM	1/4/2019 9:44:00 AM	Chrysene	n/a	<	0.5	µg/L	EPA 8270C	0.5	0.5	WKL	
MO-OXN	2018/19-1	Wet	11/22/2018 9:04:00 AM	12/29/2018 2:53:00 AM	Chrysene	n/a	<	1.9	µg/L	EPA 625	1.9	10	WKL	
MO-OXN	2018/19-1	Wet	11/22/2018 9:04:00 AM	1/4/2019 9:44:00 AM	Dibenz(a,h)anthracene	n/a	<	0.5	µg/L	EPA 8270C	0.5	0.5	WKL	
MO-OXN	2018/19-1	Wet	11/22/2018 9:04:00 AM	12/29/2018 2:53:00 AM	Dibenz(a,h)anthracene	n/a	<	0.8	µg/L	EPA 625	0.8	20	WKL	
MO-OXN	2018/19-1	Wet	11/22/2018 9:04:00 AM	12/29/2018 2:53:00 AM	Diethyl phthalate	n/a	<	1.5	µg/L	EPA 625	1.5	10	WKL	
MO-OXN	2018/19-1	Wet	11/22/2018 9:04:00 AM	12/29/2018 2:53:00 AM	Dimethyl phthalate	n/a	<	1.8	µg/L	EPA 625	1.8	10	WKL	
MO-OXN	2018/19-1	Wet	11/22/2018 9:04:00 AM	12/29/2018 2:53:00 AM	Di-n-butylphthalate	n/a	<	2.4	µg/L	EPA 625	2.4	10	WKL	
MO-OXN	2018/19-1	Wet	11/22/2018 9:04:00 AM	12/29/2018 2:53:00 AM	Di-n-octylphthalate	n/a	<	1.9	µg/L	EPA 625	1.9	10	WKL	

Appendix G
Laboratory Environmental Analysis Results

Site ID	Event	Event Type	Sample Date	Analysis Date	Constituent	Fraction	Sign	Result	Units	Method	MDL	Reporting Limit	Analyzing Laboratory	Qualifier
MO-OXN	2018/19-1	Wet	11/22/2018 9:04:00 AM	12/29/2018 2:53:00 AM	Fluoranthene	n/a	<	2.2	µg/L	EPA 625	2.2	10	WKL	
MO-OXN	2018/19-1	Wet	11/22/2018 9:04:00 AM	1/4/2019 9:44:00 AM	Fluoranthene	n/a	<	0.5	µg/L	EPA 8270C	0.5	0.5	WKL	
MO-OXN	2018/19-1	Wet	11/22/2018 9:04:00 AM	12/29/2018 2:53:00 AM	Fluorene	n/a	<	3.5	µg/L	EPA 625	3.5	10	WKL	
MO-OXN	2018/19-1	Wet	11/22/2018 9:04:00 AM	1/4/2019 9:44:00 AM	Fluorene	n/a	<	0.5	µg/L	EPA 8270C	0.5	0.5	WKL	
MO-OXN	2018/19-1	Wet	11/22/2018 9:04:00 AM	12/29/2018 2:53:00 AM	Hexachlorobenzene	n/a	<	4.9	µg/L	EPA 625	4.9	10	WKL	
MO-OXN	2018/19-1	Wet	11/22/2018 9:04:00 AM	12/29/2018 2:53:00 AM	Hexachlorobutadiene	n/a	<	4.7	µg/L	EPA 625	4.7	10	WKL	
MO-OXN	2018/19-1	Wet	11/22/2018 9:04:00 AM	12/29/2018 2:53:00 AM	Hexachlorocyclopentadiene	n/a	<	15	µg/L	EPA 625	15	50	WKL	
MO-OXN	2018/19-1	Wet	11/22/2018 9:04:00 AM	12/29/2018 2:53:00 AM	Hexachloroethane	n/a	<	5.2	µg/L	EPA 625	5.2	10	WKL	
MO-OXN	2018/19-1	Wet	11/22/2018 9:04:00 AM	12/29/2018 2:53:00 AM	Indeno(1,2,3-cd)pyrene	n/a	<	1.2	µg/L	EPA 625	1.2	20	WKL	
MO-OXN	2018/19-1	Wet	11/22/2018 9:04:00 AM	1/4/2019 9:44:00 AM	Indeno(1,2,3-cd)pyrene	n/a	<	0.5	µg/L	EPA 8270C	0.5	0.5	WKL	
MO-OXN	2018/19-1	Wet	11/22/2018 9:04:00 AM	12/29/2018 2:53:00 AM	Isophorone	n/a	<	2.1	µg/L	EPA 625	2.1	10	WKL	
MO-OXN	2018/19-1	Wet	11/22/2018 9:04:00 AM	12/29/2018 2:53:00 AM	Naphthalene	n/a	<	4.9	µg/L	EPA 625	4.9	10	WKL	
MO-OXN	2018/19-1	Wet	11/22/2018 9:04:00 AM	1/4/2019 9:44:00 AM	Naphthalene	n/a	<	0.5	µg/L	EPA 8270C	0.5	0.5	WKL	
MO-OXN	2018/19-1	Wet	11/22/2018 9:04:00 AM	12/29/2018 2:53:00 AM	Nitrobenzene	n/a	<	3.6	µg/L	EPA 625	3.6	10	WKL	
MO-OXN	2018/19-1	Wet	11/22/2018 9:04:00 AM	12/29/2018 2:53:00 AM	N-Nitrosodimethylamine	n/a	<	1.4	µg/L	EPA 625	1.4	10	WKL	
MO-OXN	2018/19-1	Wet	11/22/2018 9:04:00 AM	12/29/2018 2:53:00 AM	N-Nitrosodi-N-propylamine	n/a	<	2.6	µg/L	EPA 625	2.6	10	WKL	
MO-OXN	2018/19-1	Wet	11/22/2018 9:04:00 AM	12/29/2018 2:53:00 AM	N-Nitrosodiphenylamine	n/a	<	1.9	µg/L	EPA 625	1.9	10	WKL	
MO-OXN	2018/19-1	Wet	11/22/2018 9:04:00 AM	12/29/2018 2:53:00 AM	Phenanthrene	n/a	<	3.2	µg/L	EPA 625	3.2	10	WKL	
MO-OXN	2018/19-1	Wet	11/22/2018 9:04:00 AM	1/4/2019 9:44:00 AM	Phenanthrene	n/a	<	0.5	µg/L	EPA 8270C	0.5	0.5	WKL	
MO-OXN	2018/19-1	Wet	11/22/2018 9:04:00 AM	12/29/2018 2:53:00 AM	Phenol	n/a	<	1.6	µg/L	EPA 625	1.6	10	WKL	
MO-OXN	2018/19-1	Wet	11/22/2018 9:04:00 AM	1/2/2019 11:30:00 PM	Phenol	n/a	<	1.8	µg/L	EPA 8270C	1.8	5	WKL	
MO-OXN	2018/19-1	Wet	11/22/2018 9:04:00 AM	1/4/2019 9:44:00 AM	Pyrene	n/a	<	0.5	µg/L	EPA 8270C	0.5	0.5	WKL	
MO-OXN	2018/19-1	Wet	11/22/2018 9:04:00 AM	12/29/2018 2:53:00 AM	Pyrene	n/a	<	2.5	µg/L	EPA 625	2.5	10	WKL	
MO-OXN	2018/19-1	Wet	11/22/2018 9:04:00 AM	12/20/2018 8:49:00 AM	PCB Aroclor 1016	n/a	<	1	µg/L	EPA 608	1	10	WKL	
MO-OXN	2018/19-1	Wet	11/22/2018 9:04:00 AM	12/20/2018 8:49:00 AM	PCB Aroclor 1221	n/a	<	1.2	µg/L	EPA 608	1.2	10	WKL	
MO-OXN	2018/19-1	Wet	11/22/2018 9:04:00 AM	12/20/2018 8:49:00 AM	PCB Aroclor 1232	n/a	<	3	µg/L	EPA 608	3	10	WKL	
MO-OXN	2018/19-1	Wet	11/22/2018 9:04:00 AM	12/20/2018 8:49:00 AM	PCB Aroclor 1242	n/a	<	1.4	µg/L	EPA 608	1.4	10	WKL	
MO-OXN	2018/19-1	Wet	11/22/2018 9:04:00 AM	12/20/2018 8:49:00 AM	PCB Aroclor 1248	n/a	<	1.2	µg/L	EPA 608	1.2	10	WKL	
MO-OXN	2018/19-1	Wet	11/22/2018 9:04:00 AM	12/20/2018 8:49:00 AM	PCB Aroclor 1254	n/a	<	0.8	µg/L	EPA 608	0.8	10	WKL	
MO-OXN	2018/19-1	Wet	11/22/2018 9:04:00 AM	12/20/2018 8:49:00 AM	PCB Aroclor 1260	n/a	<	0.8	µg/L	EPA 608	0.8	10	WKL	
MO-OXN	2018/19-1	Wet	11/22/2018 9:04:00 AM	12/15/2018 9:26:00 AM	2,4,5-T	n/a	<	0.07	µg/L	EPA 515.3	0.07	0.2	WKL	
MO-OXN	2018/19-1	Wet	11/22/2018 9:04:00 AM	12/15/2018 9:26:00 AM	2,4,5-TP	n/a	<	0.09	µg/L	EPA 515.3	0.09	0.2	WKL	
MO-OXN	2018/19-1	Wet	11/22/2018 9:04:00 AM	12/15/2018 9:26:00 AM	2,4-D	n/a	<	0.07	µg/L	EPA 515.3	0.07	0.4	WKL	
MO-OXN	2018/19-1	Wet	11/22/2018 9:04:00 AM	12/15/2018 9:26:00 AM	2,4-DB	n/a	<	9	µg/L	EPA 515.3	9	9	WKL	
MO-OXN	2018/19-1	Wet	11/22/2018 9:04:00 AM	12/15/2018 9:26:00 AM	3,5-Dichlorobenzoic acid	n/a	<	0.09	µg/L	EPA 515.3	0.09	1	WKL	
MO-OXN	2018/19-1	Wet	11/22/2018 9:04:00 AM	12/20/2018 8:49:00 AM	4,4'-DDD	n/a	<	0.06	µg/L	EPA 608	0.06	1	WKL	
MO-OXN	2018/19-1	Wet	11/22/2018 9:04:00 AM	12/20/2018 8:49:00 AM	4,4'-DDE	n/a	<	0.05	µg/L	EPA 608	0.05	1	WKL	
MO-OXN	2018/19-1	Wet	11/22/2018 9:04:00 AM	12/20/2018 8:49:00 AM	4,4'-DDT	n/a	<	0.062	µg/L	EPA 608	0.062	0.2	WKL	
MO-OXN	2018/19-1	Wet	11/22/2018 9:04:00 AM	12/15/2018 9:26:00 AM	Acifluorfen	n/a	<	0.06	µg/L	EPA 515.3	0.06	0.4	WKL	
MO-OXN	2018/19-1	Wet	11/22/2018 9:04:00 AM	12/14/2018 7:53:00 AM	Alachlor	n/a	<	0.044	µg/L	EPA 525.2	0.044	0.2	WKL	
MO-OXN	2018/19-1	Wet	11/22/2018 9:04:00 AM	12/20/2018 8:49:00 AM	Aldrin	n/a	<	0.03	µg/L	EPA 608	0.03	0.1	WKL	
MO-OXN	2018/19-1	Wet	11/22/2018 9:04:00 AM	12/20/2018 8:49:00 AM	alpha-BHC	n/a	<	0.036	µg/L	EPA 608	0.036	0.2	WKL	
MO-OXN	2018/19-1	Wet	11/22/2018 9:04:00 AM	12/20/2018 8:49:00 AM	alpha-Chlordane	n/a	<	0.082	µg/L	EPA 608	0.082	0.2	WKL	
MO-OXN	2018/19-1	Wet	11/22/2018 9:04:00 AM	12/14/2018 7:53:00 AM	Atrazine	n/a	<	0.068	µg/L	EPA 525.2	0.068	0.2	WKL	
MO-OXN	2018/19-1	Wet	11/22/2018 9:04:00 AM	12/12/2018 9:25:00 AM	Azinphos methyl	n/a	<	0.011	µg/L	EPA 525.2m	0.011	0.02	WKL	
MO-OXN	2018/19-1	Wet	11/22/2018 9:04:00 AM	12/15/2018 9:26:00 AM	Bentazon	n/a	<	0.11	µg/L	EPA 515.3	0.11	2	WKL	
MO-OXN	2018/19-1	Wet	11/22/2018 9:04:00 AM	12/20/2018 8:49:00 AM	beta-BHC	n/a	<	0.062	µg/L	EPA 608	0.062	0.1	WKL	
MO-OXN	2018/19-1	Wet	11/22/2018 9:04:00 AM	12/12/2018 9:25:00 AM	Bolstar	n/a	<	0.0092	µg/L	EPA 525.2m	0.0092	0.02	WKL	

Appendix G
Laboratory Environmental Analysis Results

Site ID	Event	Event Type	Sample Date	Analysis Date	Constituent	Fraction	Sign	Result	Units	Method	MDL	Reporting Limit	Analyzing Laboratory	Qualifier
MO-OXN	2018/19-1	Wet	11/22/2018 9:04:00 AM	12/14/2018 7:53:00 AM	Bromacil	n/a	<	0.076	µg/L	EPA 525.2	0.076	2	WKL	
MO-OXN	2018/19-1	Wet	11/22/2018 9:04:00 AM	12/14/2018 7:53:00 AM	Butachlor	n/a	<	0.034	µg/L	EPA 525.2	0.034	0.4	WKL	
MO-OXN	2018/19-1	Wet	11/22/2018 9:04:00 AM	12/14/2018 7:53:00 AM	Captan	n/a	<	1.7	µg/L	EPA 525.2	1.7	2	WKL	
MO-OXN	2018/19-1	Wet	11/22/2018 9:04:00 AM	12/20/2018 8:49:00 AM	Chlordane (technical)	n/a	<	1.6	µg/L	EPA 608	1.6	2	WKL	
MO-OXN	2018/19-1	Wet	11/22/2018 9:04:00 AM	12/14/2018 7:53:00 AM	Chlorpropham	n/a	<	0.02	µg/L	EPA 525.2	0.02	0.2	WKL	
MO-OXN	2018/19-1	Wet	11/22/2018 9:04:00 AM	12/12/2018 9:25:00 AM	Chlorpyrifos	n/a	=	0.12	µg/L	EPA 525.2m	0.014	0.02	WKL	
MO-OXN	2018/19-1	Wet	11/22/2018 9:04:00 AM	12/12/2018 9:25:00 AM	Coumaphos	n/a	<	0.01	µg/L	EPA 525.2m	0.01	0.02	WKL	
MO-OXN	2018/19-1	Wet	11/22/2018 9:04:00 AM	12/14/2018 7:53:00 AM	Cyanazine	n/a	<	0.048	µg/L	EPA 525.2	0.048	0.2	WKL	
MO-OXN	2018/19-1	Wet	11/22/2018 9:04:00 AM	12/15/2018 9:26:00 AM	Dalapon	n/a	<	0.1	µg/L	EPA 515.3	0.1	0.4	WKL	
MO-OXN	2018/19-1	Wet	11/22/2018 9:04:00 AM	12/15/2018 9:26:00 AM	DPCA (Dacthal)	n/a	<	0.07	µg/L	EPA 515.3	0.07	0.1	WKL	
MO-OXN	2018/19-1	Wet	11/22/2018 9:04:00 AM	12/20/2018 8:49:00 AM	delta-BHC	n/a	<	0.05	µg/L	EPA 608	0.05	0.1	WKL	
MO-OXN	2018/19-1	Wet	11/22/2018 9:04:00 AM	12/12/2018 9:25:00 AM	Demeton-O	n/a	<	0.02	µg/L	EPA 525.2m	0.02	0.02	WKL	
MO-OXN	2018/19-1	Wet	11/22/2018 9:04:00 AM	12/12/2018 9:25:00 AM	Demeton-S	n/a	<	0.02	µg/L	EPA 525.2m	0.02	0.02	WKL	
MO-OXN	2018/19-1	Wet	11/22/2018 9:04:00 AM	12/14/2018 7:53:00 AM	Diazinon	n/a	<	0.19	µg/L	EPA 525.2	0.19	0.2	WKL	
MO-OXN	2018/19-1	Wet	11/22/2018 9:04:00 AM	12/12/2018 9:25:00 AM	Diazinon	n/a	<	0.01	µg/L	EPA 525.2m	0.01	0.02	WKL	
MO-OXN	2018/19-1	Wet	11/22/2018 9:04:00 AM	12/15/2018 9:26:00 AM	Dicamba	n/a	<	0.12	µg/L	EPA 515.3	0.12	0.6	WKL	
MO-OXN	2018/19-1	Wet	11/22/2018 9:04:00 AM	12/15/2018 9:26:00 AM	Dichlorprop	n/a	<	0.08	µg/L	EPA 515.3	0.08	0.3	WKL	
MO-OXN	2018/19-1	Wet	11/22/2018 9:04:00 AM	12/12/2018 8:49:00 AM	Dichlorvos	n/a	=	0.043	µg/L	EPA 525.2m	0.0058	0.02	WKL	
MO-OXN	2018/19-1	Wet	11/22/2018 9:04:00 AM	12/20/2018 8:49:00 AM	Dieldrin	n/a	<	0.042	µg/L	EPA 608	0.042	0.2	WKL	
MO-OXN	2018/19-1	Wet	11/22/2018 9:04:00 AM	12/14/2018 7:53:00 AM	Dimethoate	n/a	<	0.048	µg/L	EPA 525.2	0.048	0.4	WKL	
MO-OXN	2018/19-1	Wet	11/22/2018 9:04:00 AM	12/12/2018 9:25:00 AM	Dimethoate	n/a	<	0.012	µg/L	EPA 525.2m	0.012	0.02	WKL	
MO-OXN	2018/19-1	Wet	11/22/2018 9:04:00 AM	12/15/2018 9:26:00 AM	Dinoseb	n/a	<	0.14	µg/L	EPA 515.3	0.14	0.4	WKL	
MO-OXN	2018/19-1	Wet	11/22/2018 9:04:00 AM	12/14/2018 7:53:00 AM	Diphenamid	n/a	<	0.048	µg/L	EPA 525.2	0.048	0.2	WKL	
MO-OXN	2018/19-1	Wet	11/22/2018 9:04:00 AM	12/12/2018 9:25:00 AM	Disulfoton	n/a	<	0.02	µg/L	EPA 525.2m	0.02	0.02	WKL	
MO-OXN	2018/19-1	Wet	11/22/2018 9:04:00 AM	12/14/2018 7:53:00 AM	Disulfoton	n/a	<	0.062	µg/L	EPA 525.2	0.062	0.2	WKL	
MO-OXN	2018/19-1	Wet	11/22/2018 9:04:00 AM	12/20/2018 8:49:00 AM	Endosulfan I	n/a	<	0.034	µg/L	EPA 608	0.034	0.4	WKL	
MO-OXN	2018/19-1	Wet	11/22/2018 9:04:00 AM	12/20/2018 8:49:00 AM	Endosulfan II	n/a	<	0.038	µg/L	EPA 608	0.038	0.2	WKL	
MO-OXN	2018/19-1	Wet	11/22/2018 9:04:00 AM	12/20/2018 8:49:00 AM	Endosulfan sulfate	n/a	<	0.16	µg/L	EPA 608	0.16	1	WKL	
MO-OXN	2018/19-1	Wet	11/22/2018 9:04:00 AM	12/20/2018 8:49:00 AM	Endrin	n/a	<	0.056	µg/L	EPA 608	0.056	0.2	WKL	
MO-OXN	2018/19-1	Wet	11/22/2018 9:04:00 AM	12/20/2018 8:49:00 AM	Endrin aldehyde	n/a	<	0.06	µg/L	EPA 608	0.06	0.2	WKL	
MO-OXN	2018/19-1	Wet	11/22/2018 9:04:00 AM	12/14/2018 7:53:00 AM	EPTC	n/a	<	0.034	µg/L	EPA 525.2	0.034	2	WKL	
MO-OXN	2018/19-1	Wet	11/22/2018 9:04:00 AM	12/12/2018 9:25:00 AM	Ethoprop	n/a	<	0.013	µg/L	EPA 525.2m	0.013	0.02	WKL	
MO-OXN	2018/19-1	Wet	11/22/2018 9:04:00 AM	12/12/2018 9:25:00 AM	Ethyl parathion	n/a	<	0.011	µg/L	EPA 525.2m	0.011	0.02	WKL	
MO-OXN	2018/19-1	Wet	11/22/2018 9:04:00 AM	12/12/2018 9:25:00 AM	Fensulfothion	n/a	<	0.0058	µg/L	EPA 525.2m	0.0058	0.02	WKL	
MO-OXN	2018/19-1	Wet	11/22/2018 9:04:00 AM	12/12/2018 9:25:00 AM	Fenthion	n/a	<	0.0076	µg/L	EPA 525.2m	0.0076	0.02	WKL	
MO-OXN	2018/19-1	Wet	11/22/2018 9:04:00 AM	12/20/2018 8:49:00 AM	gamma-BHC (Lindane)	n/a	<	0.042	µg/L	EPA 608	0.042	0.4	WKL	
MO-OXN	2018/19-1	Wet	11/22/2018 9:04:00 AM	12/20/2018 8:49:00 AM	gamma-Chlordane	n/a	<	0.088	µg/L	EPA 608	0.088	0.2	WKL	
MO-OXN	2018/19-1	Wet	11/29/2018 1:42:00 AM	11/29/2018 1:42:00 AM	Glyphosate	n/a	DNQ	27	µg/L	EPA 547	18	50	WKL	
MO-OXN	2018/19-1	Wet	11/22/2018 9:04:00 AM	12/20/2018 8:49:00 AM	Heptachlor	n/a	<	0.034	µg/L	EPA 608	0.034	0.2	WKL	
MO-OXN	2018/19-1	Wet	11/22/2018 9:04:00 AM	12/20/2018 8:49:00 AM	Heptachlor epoxide	n/a	<	0.038	µg/L	EPA 608	0.038	0.2	WKL	
MO-OXN	2018/19-1	Wet	11/22/2018 9:04:00 AM	12/12/2018 9:25:00 AM	Malathion	n/a	=	0.19	µg/L	EPA 525.2m	0.015	0.02	WKL	
MO-OXN	2018/19-1	Wet	11/22/2018 9:04:00 AM	12/12/2018 9:25:00 AM	Merphos	n/a	<	0.012	µg/L	EPA 525.2m	0.012	0.02	WKL	
MO-OXN	2018/19-1	Wet	11/22/2018 9:04:00 AM	12/20/2018 8:49:00 AM	Methoxychlor	n/a	<	0.11	µg/L	EPA 608	0.11	0.4	WKL	
MO-OXN	2018/19-1	Wet	11/22/2018 9:04:00 AM	12/12/2018 9:25:00 AM	Methyl parathion	n/a	<	0.013	µg/L	EPA 525.2m	0.013	0.02	WKL	
MO-OXN	2018/19-1	Wet	11/22/2018 9:04:00 AM	12/14/2018 7:53:00 AM	Metolachlor	n/a	<	0.024	µg/L	EPA 525.2	0.024	0.2	WKL	
MO-OXN	2018/19-1	Wet	11/22/2018 9:04:00 AM	12/14/2018 7:53:00 AM	Metribuzin	n/a	<	0.03	µg/L	EPA 525.2	0.03	0.2	WKL	
MO-OXN	2018/19-1	Wet	11/22/2018 9:04:00 AM	12/12/2018 9:25:00 AM	Mevinphos	n/a	<	0.0084	µg/L	EPA 525.2m	0.0084	0.02	WKL	
MO-OXN	2018/19-1	Wet	11/22/2018 9:04:00 AM	12/14/2018 7:53:00 AM	Molinate	n/a	<	0.078	µg/L	EPA 525.2	0.078	0.2	WKL	

Appendix G
Laboratory Environmental Analysis Results

Site ID	Event	Event Type	Sample Date	Analysis Date	Constituent	Fraction	Sign	Result	Units	Method	MDL	Reporting Limit	Analyzing Laboratory	Qualifier
MO-OXN	2018/19-1	Wet	11/22/2018 9:04:00 AM	12/12/2018 9:25:00 AM	Naled	n/a	<	0.015	µg/L	EPA 525.2m	0.015	0.02	WKL	
MO-OXN	2018/19-1	Wet	11/22/2018 9:04:00 AM	1/2/2019 11:30:00 PM	Pentachlorophenol	n/a	DNQ	4.5	µg/L	EPA 8270C	0.75	5	WKL	
MO-OXN	2018/19-1	Wet	11/22/2018 9:04:00 AM	12/29/2018 2:53:00 AM	Pentachlorophenol	n/a	<	1.9	µg/L	EPA 625	1.9	10	WKL	
MO-OXN	2018/19-1	Wet	11/22/2018 9:04:00 AM	12/15/2018 9:26:00 AM	Pentachlorophenol	n/a	<	0.04	µg/L	EPA 515.3	0.04	0.2	WKL	
MO-OXN	2018/19-1	Wet	11/22/2018 9:04:00 AM	12/12/2018 9:25:00 AM	Phorate	n/a	<	0.006	µg/L	EPA 525.2m	0.006	0.02	WKL	
MO-OXN	2018/19-1	Wet	11/22/2018 9:04:00 AM	12/15/2018 9:26:00 AM	Picloram	n/a	<	0.05	µg/L	EPA 515.3	0.05	0.6	WKL	
MO-OXN	2018/19-1	Wet	11/22/2018 9:04:00 AM	12/14/2018 7:53:00 AM	Prometon	n/a	<	0.048	µg/L	EPA 525.2	0.048	0.4	WKL	
MO-OXN	2018/19-1	Wet	11/22/2018 9:04:00 AM	12/14/2018 7:53:00 AM	Prometryn	n/a	<	0.072	µg/L	EPA 525.2	0.072	0.2	WKL	
MO-OXN	2018/19-1	Wet	11/22/2018 9:04:00 AM	12/12/2018 9:25:00 AM	Ronnel (Fenchlorphos)	n/a	<	0.0082	µg/L	EPA 525.2m	0.0082	0.02	WKL	
MO-OXN	2018/19-1	Wet	11/22/2018 9:04:00 AM	12/14/2018 7:53:00 AM	Simazine	n/a	<	0.03	µg/L	EPA 525.2	0.03	0.2	WKL	
MO-OXN	2018/19-1	Wet	11/22/2018 9:04:00 AM	12/12/2018 9:25:00 AM	Stirophos (Tetrachlorvinphos)	n/a	<	0.0062	µg/L	EPA 525.2m	0.0062	0.02	WKL	
MO-OXN	2018/19-1	Wet	11/22/2018 9:04:00 AM	12/14/2018 7:53:00 AM	Terbacil	n/a	<	1.1	µg/L	EPA 525.2	1.1	4	WKL	
MO-OXN	2018/19-1	Wet	11/22/2018 9:04:00 AM	12/14/2018 7:53:00 AM	Thiobencarb	n/a	<	0.05	µg/L	EPA 525.2	0.05	0.4	WKL	
MO-OXN	2018/19-1	Wet	11/22/2018 9:04:00 AM	12/12/2018 9:25:00 AM	Tokuthion	n/a	<	0.016	µg/L	EPA 525.2m	0.016	0.02	WKL	
MO-OXN	2018/19-1	Wet	11/22/2018 9:04:00 AM	12/20/2018 8:49:00 AM	Toxaphene	n/a	<	2.4	µg/L	EPA 608	2.4	10	WKL	
MO-OXN	2018/19-1	Wet	11/22/2018 9:04:00 AM	12/12/2018 9:25:00 AM	Trichloronate	n/a	<	0.013	µg/L	EPA 525.2m	0.013	0.02	WKL	
MO-OXN	2018/19-1	Wet	11/22/2018 9:04:00 AM	12/14/2018 7:53:00 AM	Trithion	n/a	<	0.024	µg/L	EPA 525.2	0.024	0.2	WKL	
MO-OXN	2018/19-2	Wet	11/29/2018	11/30/2018 4:05:00 AM	E. Coli	n/a	=	8164	MPN/100 mL	MMO-MUG	100	100	VCHCA	
MO-OXN	2018/19-2	Wet	11/29/2018	11/30/2018 4:05:00 AM	Total Coliform	n/a	=	410600	MPN/100 mL	MMO-MUG	1000	1000	VCHCA	
MO-OXN	2018/19-2	Wet	11/29/2018	11/29/2018	Conductivity	n/a	=	3.6	µmhos/cm	Field Meter	-88	1	Field Crew	
MO-OXN	2018/19-2	Wet	11/29/2018	12/11/2018 8:10:00 PM	Cyanide	Total	=	0.0039	mg/L	ASTM D7511	0.0005	0.002	WKL	
MO-OXN	2018/19-2	Wet	11/29/2018	11/29/2018	DO	n/a	=	6.82	mg/L	Field Meter	-88	0.3	Field Crew	
MO-OXN	2018/19-2	Wet	11/29/2018	11/29/2018	DO	n/a	=	59	%	Field Meter	-88	0.1	Field Crew	
MO-OXN	2018/19-2	Wet	11/29/2018	11/29/2018	pH	n/a	=	6.88	pH Units	Field Meter	-88	0.01	Field Crew	
MO-OXN	2018/19-2	Wet	11/29/2018	11/29/2018	Salinity	n/a	<	100	mg/L	Field Meter	-88	100	Field Crew	
MO-OXN	2018/19-2	Wet	11/29/2018	11/29/2018	Specific Conductance	n/a	=	4.1	µmhos/cm	Field Meter	-88	1	Field Crew	
MO-OXN	2018/19-2	Wet	11/29/2018	11/29/2018	Temperature	n/a	=	16.8	°C	Field Meter	-88	0.1	Field Crew	
MO-OXN	2018/19-2	Wet	11/29/2018	12/1/2018 8:24:00 AM	Gasoline Range Organics	n/a	DNQ	0.04	mg/L	LUFT GC/MS	0.012	0.1	WKL	
MO-OXN	2018/19-2	Wet	11/29/2018	12/14/2018 4:48:00 PM	Oil and Grease	n/a	<	1.3	mg/L	EPA 1664A	1.3	5	WKL	
MO-OXN	2018/19-2	Wet	11/29/2018	12/3/2018 6:35:00 PM	2-Chloroethyl vinyl ether	n/a	<	0.28	µg/L	EPA 624	0.28	1	WKL	
MO-OXN	2018/19-2	Wet	11/29/2018	12/3/2018 6:35:00 PM	Methyl tert-butyl ether (MTBE)	n/a	<	0.25	µg/L	EPA 624	0.25	1	WKL	
MO-OXN	2018/19-2	Wet	11/29/2018 3:45:00 PM	12/4/2018	Chloride	n/a	=	12	mg/L	EPA 300.0	0.1	0.5	WKL	
MO-OXN	2018/19-2	Wet	11/29/2018 3:45:00 PM	12/4/2018	Fluoride	n/a	=	0.12	mg/L	EPA 300.0	0.02	0.1	WKL	
MO-OXN	2018/19-2	Wet	11/29/2018 3:45:00 PM	12/2/2018 8:14:00 AM	Perchlorate	n/a	<	0.95	µg/L	EPA 314.0	0.95	2	WKL	
MO-OXN	2018/19-2	Wet	11/29/2018 3:45:00 PM	12/4/2018	Sulfate	Total	=	16	mg/L	EPA 300.0	0.1	0.5	WKL	
MO-OXN	2018/19-2	Wet	11/29/2018 3:45:00 PM	12/7/2018 4:07:00 PM	Calcium	Total	=	11.5	mg/L	EPA 200.7	0.016	0.1	WKL	
MO-OXN	2018/19-2	Wet	11/29/2018 3:45:00 PM	12/7/2018 4:07:00 PM	Magnesium	Total	=	3.05	mg/L	EPA 200.7	0.012	0.1	WKL	
MO-OXN	2018/19-2	Wet	11/29/2018 3:45:00 PM	12/7/2018 4:07:00 PM	Potassium	Total	=	3.7	mg/L	EPA 200.7	0.081	0.1	WKL	
MO-OXN	2018/19-2	Wet	11/29/2018 3:45:00 PM	12/7/2018 4:07:00 PM	Sodium	Total	=	8.3	mg/L	EPA 200.7	0.015	0.5	WKL	
MO-OXN	2018/19-2	Wet	11/29/2018 3:45:00 PM	12/6/2018 2:32:00 PM	Alkalinity as CaCO3	n/a	=	23	mg/L	SM 2320 B	0.56	2	WKL	
MO-OXN	2018/19-2	Wet	11/29/2018 3:45:00 PM	12/6/2018 2:34:00 PM	BOD	n/a	=	21	mg/L	SM 5210 B	2	2	WKL	
MO-OXN	2018/19-2	Wet	11/29/2018 3:45:00 PM	12/5/2018 4:19:00 PM	COD	n/a	=	100	mg/L	EPA 410.4	0.73	5	WKL	
MO-OXN	2018/19-2	Wet	11/29/2018 3:45:00 PM	12/20/2018 9:28:00 AM	Dissolved Inorganic Carbon	Dissolved	=	6.4	mg/L	SM 5310 B	0.016	0.5	WKL	
MO-OXN	2018/19-2	Wet	11/29/2018 3:45:00 PM	12/18/2018 1:32:00 PM	Dissolved Organic Carbon	Dissolved	=	14	mg/L	SM 5310 B	0.013	0.3	WKL	
MO-OXN	2018/19-2	Wet	11/29/2018 3:45:00 PM	12/7/2018 4:07:00 PM	Hardness as CaCO3	Total	=	41.3	mg/L	EPA 200.7	0.0894	0.662	WKL	
MO-OXN	2018/19-2	Wet	11/29/2018 3:45:00 PM	11/30/2018 7:22:00 PM	MBAS	n/a	=	3.3	mg/L	SM 5540 C	0.19	0.5	WKL	
MO-OXN	2018/19-2	Wet	11/29/2018 3:45:00 PM	12/19/2018 5:56:00 PM	Phenolics	n/a	=	0.027	mg/L	EPA 420.4	0.0042	0.01	WKL	
MO-OXN	2018/19-2	Wet	11/29/2018 3:45:00 PM	12/12/2018 5:17:00 PM	Specific Conductance	n/a	=	140	µmhos/cm	SM 2510 B	0.23	2	WKL	

Appendix G
Laboratory Environmental Analysis Results

Site ID	Event	Event Type	Sample Date	Analysis Date	Constituent	Fraction	Sign	Result	Units	Method	MDL	Reporting Limit	Analyzing Laboratory	Qualifier
MO-OXN	2018/19-2	Wet	11/29/2018 3:45:00 PM	12/1/2018 10:20:00 PM	Total Chlorine Residual	n/a	DNQ	0.023	mg/L	SM 4500-Cl G	0.0015	0.05	WKL	EST-HT
MO-OXN	2018/19-2	Wet	11/29/2018 3:45:00 PM	12/6/2018 5:33:00 PM	Total Dissolved Solids	n/a	=	96	mg/L	SM 2540 C	4	10	WKL	
MO-OXN	2018/19-2	Wet	11/29/2018 3:45:00 PM	12/12/2018 12:06:00 PM	Total Organic Carbon	n/a	=	17	mg/L	SM 5310 B	0.009	0.3	WKL	
MO-OXN	2018/19-2	Wet	11/29/2018 3:45:00 PM	12/3/2018 11:39:00 AM	Total Suspended Solids	n/a	=	160	mg/L	SM 2540 D	-88	5	WKL	
MO-OXN	2018/19-2	Wet	11/29/2018 3:45:00 PM	11/30/2018 5:37:00 PM	Turbidity	n/a	=	69	NTU	EPA 180.1	0.048	0.2	WKL	
MO-OXN	2018/19-2	Wet	11/29/2018 3:45:00 PM	12/3/2018 11:39:00 AM	Volatile Suspended Solids	n/a	=	60	mg/L	EPA 160.4	3.1	5	WKL	
MO-OXN	2018/19-2	Wet	11/29/2018 3:45:00 PM	12/19/2018 5:37:00 AM	Diesel Range Organics	n/a	DNQ	0.33	mg/L	EPA 8015D	0.12	0.5	WKL	UL-MB
MO-OXN	2018/19-2	Wet	11/29/2018 3:45:00 PM	12/19/2018 5:37:00 AM	Oil Range Organics	n/a	<	1.6	mg/L	EPA 8015D	1.6	2.5	WKL	
MO-OXN	2018/19-2	Wet	11/29/2018 3:45:00 PM	12/11/2018 1:56:00 PM	Aluminum	Dissolved	=	41	µg/L	EPA 200.8	1.3	5	WKL	
MO-OXN	2018/19-2	Wet	11/29/2018 3:45:00 PM	12/11/2018 2:04:00 PM	Aluminum	Total	=	2400	µg/L	EPA 200.8	1.3	5	WKL	LB-MSR
MO-OXN	2018/19-2	Wet	11/29/2018 3:45:00 PM	12/11/2018 1:56:00 PM	Antimony	Dissolved	=	0.97	µg/L	EPA 200.8	0.045	0.5	WKL	
MO-OXN	2018/19-2	Wet	11/29/2018 3:45:00 PM	12/11/2018 2:04:00 PM	Antimony	Total	=	2.1	µg/L	EPA 200.8	0.045	0.5	WKL	
MO-OXN	2018/19-2	Wet	11/29/2018 3:45:00 PM	12/11/2018 1:56:00 PM	Arsenic	Dissolved	=	0.93	µg/L	EPA 200.8	0.074	0.4	WKL	
MO-OXN	2018/19-2	Wet	11/29/2018 3:45:00 PM	12/11/2018 2:04:00 PM	Arsenic	Total	=	1.9	µg/L	EPA 200.8	0.074	0.4	WKL	
MO-OXN	2018/19-2	Wet	11/29/2018 3:45:00 PM	12/11/2018 2:04:00 PM	Barium	Total	=	50	µg/L	EPA 200.8	0.071	0.5	WKL	
MO-OXN	2018/19-2	Wet	11/29/2018 3:45:00 PM	12/11/2018 1:56:00 PM	Beryllium	Dissolved	<	0.033	µg/L	EPA 200.8	0.033	0.1	WKL	
MO-OXN	2018/19-2	Wet	11/29/2018 3:45:00 PM	12/11/2018 2:04:00 PM	Beryllium	Total	DNQ	0.08	µg/L	EPA 200.8	0.033	0.1	WKL	
MO-OXN	2018/19-2	Wet	11/29/2018 3:45:00 PM	12/11/2018 2:04:00 PM	Cadmium	Dissolved	DNQ	0.09	µg/L	EPA 200.8	0.041	0.1	WKL	
MO-OXN	2018/19-2	Wet	11/29/2018 3:45:00 PM	12/11/2018 2:04:00 PM	Cadmium	Total	=	0.26	µg/L	EPA 200.8	0.041	0.1	WKL	
MO-OXN	2018/19-2	Wet	11/29/2018 3:45:00 PM	12/11/2018 1:56:00 PM	Chromium	Dissolved	=	1.2	µg/L	EPA 200.8	0.035	0.2	WKL	
MO-OXN	2018/19-2	Wet	11/29/2018 3:45:00 PM	12/11/2018 2:04:00 PM	Chromium	Total	=	5.8	µg/L	EPA 200.8	0.035	0.2	WKL	
MO-OXN	2018/19-2	Wet	11/29/2018 3:45:00 PM	12/13/2018 4:04:00 PM	Chromium VI	n/a	=	1.2	µg/L	EPA 218.6	0.096	0.4	WKL	
MO-OXN	2018/19-2	Wet	11/29/2018 3:45:00 PM	12/11/2018 1:56:00 PM	Copper	Dissolved	=	11	µg/L	EPA 200.8	0.13	0.5	WKL	
MO-OXN	2018/19-2	Wet	11/29/2018 3:45:00 PM	12/11/2018 2:04:00 PM	Copper	Total	=	27	µg/L	EPA 200.8	0.13	0.5	WKL	
MO-OXN	2018/19-2	Wet	11/29/2018 3:45:00 PM	12/7/2018 4:02:00 PM	Iron	Dissolved	=	91	µg/L	EPA 200.7	1.1	10	WKL	
MO-OXN	2018/19-2	Wet	11/29/2018 3:45:00 PM	12/7/2018 4:07:00 PM	Iron	Total	=	3500	µg/L	EPA 200.7	1.1	10	WKL	
MO-OXN	2018/19-2	Wet	11/29/2018 3:45:00 PM	12/11/2018 1:56:00 PM	Lead	Dissolved	=	0.37	µg/L	EPA 200.8	0.031	0.2	WKL	
MO-OXN	2018/19-2	Wet	11/29/2018 3:45:00 PM	12/11/2018 2:04:00 PM	Lead	Total	=	8.7	µg/L	EPA 200.8	0.031	0.2	WKL	
MO-OXN	2018/19-2	Wet	11/29/2018 3:45:00 PM	12/12/2018 1:16:00 PM	Mercury	Dissolved	<	17	ng/L	EPA 245.1	17	50	WKL	
MO-OXN	2018/19-2	Wet	11/29/2018 3:45:00 PM	12/12/2018 1:18:00 PM	Mercury	Total	DNQ	18	ng/L	EPA 245.1	17	50	WKL	
MO-OXN	2018/19-2	Wet	11/29/2018 3:45:00 PM	12/11/2018 1:56:00 PM	Nickel	Dissolved	=	3	µg/L	EPA 200.8	0.045	0.8	WKL	
MO-OXN	2018/19-2	Wet	11/29/2018 3:45:00 PM	12/11/2018 2:04:00 PM	Nickel	Total	=	7.4	µg/L	EPA 200.8	0.045	0.8	WKL	
MO-OXN	2018/19-2	Wet	11/29/2018 3:45:00 PM	12/11/2018 1:56:00 PM	Selenium	Dissolved	DNQ	0.25	µg/L	EPA 200.8	0.14	0.4	WKL	
MO-OXN	2018/19-2	Wet	11/29/2018 3:45:00 PM	12/11/2018 2:04:00 PM	Selenium	Total	=	0.42	µg/L	EPA 200.8	0.14	0.4	WKL	
MO-OXN	2018/19-2	Wet	11/29/2018 3:45:00 PM	12/11/2018 1:56:00 PM	Silver	Dissolved	<	0.062	µg/L	EPA 200.8	0.062	0.2	WKL	
MO-OXN	2018/19-2	Wet	11/29/2018 3:45:00 PM	12/11/2018 2:04:00 PM	Silver	Total	<	0.062	µg/L	EPA 200.8	0.062	0.2	WKL	
MO-OXN	2018/19-2	Wet	11/29/2018 3:45:00 PM	12/11/2018 1:56:00 PM	Thallium	Dissolved	DNQ	0.02	µg/L	EPA 200.8	0.014	0.2	WKL	
MO-OXN	2018/19-2	Wet	11/29/2018 3:45:00 PM	12/11/2018 2:04:00 PM	Thallium	Total	DNQ	0.04	µg/L	EPA 200.8	0.014	0.2	WKL	
MO-OXN	2018/19-2	Wet	11/29/2018 3:45:00 PM	12/11/2018 1:56:00 PM	Zinc	Dissolved	=	75	µg/L	EPA 200.8	0.94	5	WKL	
MO-OXN	2018/19-2	Wet	11/29/2018 3:45:00 PM	12/11/2018 2:04:00 PM	Zinc	Total	=	180	µg/L	EPA 200.8	0.94	5	WKL	
MO-OXN	2018/19-2	Wet	11/29/2018 3:45:00 PM	12/6/2018 6:08:00 PM	Ammonia as N	n/a	=	0.42	mg/L	EPA 350.1	0.048	0.1	WKL	
MO-OXN	2018/19-2	Wet	11/29/2018 3:45:00 PM	12/21/2018 11:26:00 AM	Nitrate + Nitrite as N	n/a	=	0.45	mg/L	EPA 353.2	0.083	0.2	WKL	
MO-OXN	2018/19-2	Wet	11/29/2018 3:45:00 PM	1/16/2019 5:58:00 PM	Phosphorus as P	Dissolved	=	1.5	mg/L	EPA 200.7	0.012	0.02	WKL	
MO-OXN	2018/19-2	Wet	11/29/2018 3:45:00 PM	1/16/2019 6:01:00 PM	Phosphorus as P	Total	=	1.9	mg/L	EPA 200.7	0.012	0.02	WKL	
MO-OXN	2018/19-2	Wet	11/29/2018 3:45:00 PM	12/18/2018 3:13:00 PM	TKN	n/a	=	1.4	mg/L	EPA 351.2	0.05	0.1	WKL	
MO-OXN	2018/19-2	Wet	11/29/2018 3:45:00 PM	1/7/2019 5:59:00 AM	1,2,4-Trichlorobenzene	n/a	<	5.5	µg/L	EPA 625	5.5	10	WKL	
MO-OXN	2018/19-2	Wet	11/29/2018 3:45:00 PM	1/7/2019 5:59:00 AM	1,2-Dichlorobenzene	n/a	<	5.7	µg/L	EPA 625	5.7	10	WKL	
MO-OXN	2018/19-2	Wet	11/29/2018 3:45:00 PM	1/7/2019 5:59:00 AM	1,2-Diphenylhydrazine	n/a	<	2.5	µg/L	EPA 625	2.5	10	WKL	

Appendix G
Laboratory Environmental Analysis Results

Site ID	Event	Event Type	Sample Date	Analysis Date	Constituent	Fraction	Sign	Result	Units	Method	MDL	Reporting Limit	Analyzing Laboratory	Qualifier
MO-OXN	2018/19-2	Wet	11/29/2018 3:45:00 PM	1/7/2019 5:59:00 AM	1,3-Dichlorobenzene	n/a	<	5.3	µg/L	EPA 625	5.3	10	WKL	
MO-OXN	2018/19-2	Wet	11/29/2018 3:45:00 PM	1/7/2019 5:59:00 AM	1,4-Dichlorobenzene	n/a	<	5.5	µg/L	EPA 625	5.5	10	WKL	
MO-OXN	2018/19-2	Wet	11/29/2018 3:45:00 PM	1/12/2019 2:27:00 AM	1-Methylnaphthalene	n/a	<	1	µg/L	EPA 8270C	1	1	WKL	
MO-OXN	2018/19-2	Wet	11/29/2018 3:45:00 PM	1/11/2019 6:30:00 AM	2,4,5-Trichlorophenol	n/a	<	2.9	µg/L	EPA 8270C	2.9	10	WKL	
MO-OXN	2018/19-2	Wet	11/29/2018 3:45:00 PM	1/7/2019 5:59:00 AM	2,4,6-Trichlorophenol	n/a	<	2.2	µg/L	EPA 625	2.2	10	WKL	
MO-OXN	2018/19-2	Wet	11/29/2018 3:45:00 PM	1/11/2019 6:30:00 AM	2,4,6-Trichlorophenol	n/a	<	3	µg/L	EPA 8270C	3	10	WKL	
MO-OXN	2018/19-2	Wet	11/29/2018 3:45:00 PM	1/11/2019 6:30:00 AM	2,4-Dichlorophenol	n/a	<	5.1	µg/L	EPA 8270C	5.1	10	WKL	
MO-OXN	2018/19-2	Wet	11/29/2018 3:45:00 PM	1/7/2019 5:59:00 AM	2,4-Dichlorophenol	n/a	<	2.6	µg/L	EPA 625	2.6	10	WKL	
MO-OXN	2018/19-2	Wet	11/29/2018 3:45:00 PM	1/11/2019 6:30:00 AM	2,4-Dimethylphenol	n/a	<	10	µg/L	EPA 8270C	10	20	WKL	
MO-OXN	2018/19-2	Wet	11/29/2018 3:45:00 PM	1/7/2019 5:59:00 AM	2,4-Dimethylphenol	n/a	<	3	µg/L	EPA 625	3	10	WKL	
MO-OXN	2018/19-2	Wet	11/29/2018 3:45:00 PM	1/11/2019 6:30:00 AM	2,4-Dinitrophenol	n/a	<	10	µg/L	EPA 8270C	10	20	WKL	
MO-OXN	2018/19-2	Wet	11/29/2018 3:45:00 PM	1/7/2019 5:59:00 AM	2,4-Dinitrophenol	n/a	<	16	µg/L	EPA 625	16	100	WKL	
MO-OXN	2018/19-2	Wet	11/29/2018 3:45:00 PM	1/7/2019 5:59:00 AM	2,4-Dinitrotoluene	n/a	<	1.8	µg/L	EPA 625	1.8	10	WKL	
MO-OXN	2018/19-2	Wet	11/29/2018 3:45:00 PM	1/7/2019 5:59:00 AM	2,6-Dinitrotoluene	n/a	<	2.7	µg/L	EPA 625	2.7	10	WKL	
MO-OXN	2018/19-2	Wet	11/29/2018 3:45:00 PM	1/7/2019 5:59:00 AM	2-Chloronaphthalene	n/a	<	4.5	µg/L	EPA 625	4.5	10	WKL	
MO-OXN	2018/19-2	Wet	11/29/2018 3:45:00 PM	1/11/2019 6:30:00 AM	2-Chlorophenol	n/a	<	6.5	µg/L	EPA 8270C	6.5	10	WKL	
MO-OXN	2018/19-2	Wet	11/29/2018 3:45:00 PM	1/7/2019 5:59:00 AM	2-Chlorophenol	n/a	<	2.8	µg/L	EPA 625	2.8	10	WKL	
MO-OXN	2018/19-2	Wet	11/29/2018 3:45:00 PM	1/12/2019 2:27:00 AM	2-Methylnaphthalene	n/a	<	1	µg/L	EPA 8270C	1	1	WKL	
MO-OXN	2018/19-2	Wet	11/29/2018 3:45:00 PM	1/11/2019 6:30:00 AM	2-Methylphenol	n/a	<	3.4	µg/L	EPA 8270C	3.4	10	WKL	
MO-OXN	2018/19-2	Wet	11/29/2018 3:45:00 PM	1/11/2019 6:30:00 AM	2-Nitrophenol	n/a	<	7.1	µg/L	EPA 8270C	7.1	10	WKL	
MO-OXN	2018/19-2	Wet	11/29/2018 3:45:00 PM	1/7/2019 5:59:00 AM	2-Nitrophenol	n/a	<	2.6	µg/L	EPA 625	2.6	10	WKL	
MO-OXN	2018/19-2	Wet	11/29/2018 3:45:00 PM	1/7/2019 5:59:00 AM	3,3'-Dichlorobenzidine	n/a	<	12	µg/L	EPA 625	12	50	WKL	
MO-OXN	2018/19-2	Wet	11/29/2018 3:45:00 PM	1/11/2019 6:30:00 AM	3-/4-Methylphenol	n/a	<	3	µg/L	EPA 8270C	3	10	WKL	
MO-OXN	2018/19-2	Wet	11/29/2018 3:45:00 PM	1/7/2019 5:59:00 AM	4,6-Dinitro-2-methylphenol	n/a	<	17	µg/L	EPA 625	17	50	WKL	
MO-OXN	2018/19-2	Wet	11/29/2018 3:45:00 PM	1/11/2019 6:30:00 AM	4,6-Dinitro-2-methylphenol	n/a	<	1.4	µg/L	EPA 8270C	1.4	10	WKL	
MO-OXN	2018/19-2	Wet	11/29/2018 3:45:00 PM	1/7/2019 5:59:00 AM	4-Bromophenyl phenyl ether	n/a	<	3.6	µg/L	EPA 625	3.6	10	WKL	
MO-OXN	2018/19-2	Wet	11/29/2018 3:45:00 PM	1/11/2019 6:30:00 AM	4-Chloro-3-methylphenol	n/a	<	3.7	µg/L	EPA 8270C	3.7	10	WKL	
MO-OXN	2018/19-2	Wet	11/29/2018 3:45:00 PM	1/7/2019 5:59:00 AM	4-Chloro-3-methylphenol	n/a	<	2.3	µg/L	EPA 625	2.3	10	WKL	
MO-OXN	2018/19-2	Wet	11/29/2018 3:45:00 PM	1/7/2019 5:59:00 AM	4-Chlorophenyl phenyl ether	n/a	<	4.1	µg/L	EPA 625	4.1	10	WKL	
MO-OXN	2018/19-2	Wet	11/29/2018 3:45:00 PM	1/11/2019 6:30:00 AM	4-Nitrophenol	n/a	<	10	µg/L	EPA 8270C	10	20	WKL	
MO-OXN	2018/19-2	Wet	11/29/2018 3:45:00 PM	1/7/2019 5:59:00 AM	4-Nitrophenol	n/a	<	4.5	µg/L	EPA 625	4.5	50	WKL	
MO-OXN	2018/19-2	Wet	11/29/2018 3:45:00 PM	1/7/2019 5:59:00 AM	Acenaphthene	n/a	<	3.8	µg/L	EPA 625	3.8	10	WKL	
MO-OXN	2018/19-2	Wet	11/29/2018 3:45:00 PM	1/12/2019 2:27:00 AM	Acenaphthene	n/a	<	1	µg/L	EPA 8270C	1	1	WKL	
MO-OXN	2018/19-2	Wet	11/29/2018 3:45:00 PM	1/12/2019 2:27:00 AM	Acenaphthylene	n/a	<	1	µg/L	EPA 8270C	1	1	WKL	
MO-OXN	2018/19-2	Wet	11/29/2018 3:45:00 PM	1/7/2019 5:59:00 AM	Acenaphthylene	n/a	<	4	µg/L	EPA 625	4	10	WKL	
MO-OXN	2018/19-2	Wet	11/29/2018 3:45:00 PM	1/12/2019 2:27:00 AM	Anthracene	n/a	<	1	µg/L	EPA 8270C	1	1	WKL	
MO-OXN	2018/19-2	Wet	11/29/2018 3:45:00 PM	1/7/2019 5:59:00 AM	Anthracene	n/a	<	3.4	µg/L	EPA 625	3.4	10	WKL	
MO-OXN	2018/19-2	Wet	11/29/2018 3:45:00 PM	1/7/2019 5:59:00 AM	Benz(a)anthracene	n/a	<	1.9	µg/L	EPA 625	1.9	10	WKL	
MO-OXN	2018/19-2	Wet	11/29/2018 3:45:00 PM	1/12/2019 2:27:00 AM	Benz(a)anthracene	n/a	<	1	µg/L	EPA 8270C	1	1	WKL	
MO-OXN	2018/19-2	Wet	11/29/2018 3:45:00 PM	1/7/2019 5:59:00 AM	Benzidine	n/a	<	37	µg/L	EPA 625	37	100	WKL	
MO-OXN	2018/19-2	Wet	11/29/2018 3:45:00 PM	12/14/2018 10:04:00 PM	Benzo(a)pyrene	n/a	<	0.14	µg/L	EPA 525.2	0.14	0.2	WKL	
MO-OXN	2018/19-2	Wet	11/29/2018 3:45:00 PM	1/7/2019 5:59:00 AM	Benzo(a)pyrene	n/a	<	1.3	µg/L	EPA 625	1.3	10	WKL	
MO-OXN	2018/19-2	Wet	11/29/2018 3:45:00 PM	1/12/2019 2:27:00 AM	Benzo(a)pyrene	n/a	<	1	µg/L	EPA 8270C	1	1	WKL	
MO-OXN	2018/19-2	Wet	11/29/2018 3:45:00 PM	1/12/2019 2:27:00 AM	Benzo(b)fluoranthene	n/a	<	1	µg/L	EPA 8270C	1	1	WKL	
MO-OXN	2018/19-2	Wet	11/29/2018 3:45:00 PM	1/7/2019 5:59:00 AM	Benzo(b)fluoranthene	n/a	<	1.4	µg/L	EPA 625	1.4	10	WKL	
MO-OXN	2018/19-2	Wet	11/29/2018 3:45:00 PM	1/12/2019 2:27:00 AM	Benzo(g,h,i)perylene	n/a	<	1	µg/L	EPA 8270C	1	1	WKL	
MO-OXN	2018/19-2	Wet	11/29/2018 3:45:00 PM	1/7/2019 5:59:00 AM	Benzo(g,h,i)perylene	n/a	<	1	µg/L	EPA 625	1	20	WKL	
MO-OXN	2018/19-2	Wet	11/29/2018 3:45:00 PM	1/7/2019 5:59:00 AM	Benzo(k)fluoranthene	n/a	<	2.2	µg/L	EPA 625	2.2	10	WKL	

Appendix G
Laboratory Environmental Analysis Results

Site ID	Event	Event Type	Sample Date	Analysis Date	Constituent	Fraction	Sign	Result	Units	Method	MDL	Reporting Limit	Analyzing Laboratory	Qualifier
MO-OXN	2018/19-2	Wet	11/29/2018 3:45:00 PM	1/12/2019 2:27:00 AM	Benzo(k)fluoranthene	n/a	<	1	µg/L	EPA 8270C	1	1	WKL	
MO-OXN	2018/19-2	Wet	11/29/2018 3:45:00 PM	1/7/2019 5:59:00 AM	Bis(2-chloroethoxy)methane	n/a	<	2.5	µg/L	EPA 625	2.5	10	WKL	
MO-OXN	2018/19-2	Wet	11/29/2018 3:45:00 PM	1/7/2019 5:59:00 AM	Bis(2-chloroethyl)ether	n/a	<	2.7	µg/L	EPA 625	2.7	10	WKL	
MO-OXN	2018/19-2	Wet	11/29/2018 3:45:00 PM	1/7/2019 5:59:00 AM	Bis(2-chloroisopropyl)ether	n/a	<	3.8	µg/L	EPA 625	3.8	10	WKL	
MO-OXN	2018/19-2	Wet	11/29/2018 3:45:00 PM	12/14/2018 10:04:00 PM	Bis(2-ethylhexyl)adipate	n/a	<	0.21	µg/L	EPA 525.2	0.21	10	WKL	
MO-OXN	2018/19-2	Wet	11/29/2018 3:45:00 PM	12/14/2018 10:04:00 PM	Bis(2-ethylhexyl)phthalate	n/a	<	2.1	µg/L	EPA 525.2	2.1	6	WKL	
MO-OXN	2018/19-2	Wet	11/29/2018 3:45:00 PM	1/7/2019 5:59:00 AM	Bis(2-ethylhexyl)phthalate	n/a	DNQ	24	µg/L	EPA 625	23	50	WKL	UL-MB
MO-OXN	2018/19-2	Wet	11/29/2018 3:45:00 PM	1/7/2019 5:59:00 AM	Butyl benzyl phthalate	n/a	<	1.8	µg/L	EPA 625	1.8	10	WKL	
MO-OXN	2018/19-2	Wet	11/29/2018 3:45:00 PM	1/12/2019 2:27:00 AM	Chrysene	n/a	<	1	µg/L	EPA 8270C	1	1	WKL	
MO-OXN	2018/19-2	Wet	11/29/2018 3:45:00 PM	1/7/2019 5:59:00 AM	Chrysene	n/a	<	1.9	µg/L	EPA 625	1.9	10	WKL	
MO-OXN	2018/19-2	Wet	11/29/2018 3:45:00 PM	1/12/2019 2:27:00 AM	Dibenz(a,h)anthracene	n/a	<	1	µg/L	EPA 8270C	1	1	WKL	
MO-OXN	2018/19-2	Wet	11/29/2018 3:45:00 PM	1/7/2019 5:59:00 AM	Dibenz(a,h)anthracene	n/a	<	0.8	µg/L	EPA 625	0.8	20	WKL	
MO-OXN	2018/19-2	Wet	11/29/2018 3:45:00 PM	1/7/2019 5:59:00 AM	Diethyl phthalate	n/a	<	1.5	µg/L	EPA 625	1.5	10	WKL	
MO-OXN	2018/19-2	Wet	11/29/2018 3:45:00 PM	1/7/2019 5:59:00 AM	Dimethyl phthalate	n/a	<	1.8	µg/L	EPA 625	1.8	10	WKL	
MO-OXN	2018/19-2	Wet	11/29/2018 3:45:00 PM	1/7/2019 5:59:00 AM	Di-n-butylphthalate	n/a	<	2.4	µg/L	EPA 625	2.4	10	WKL	
MO-OXN	2018/19-2	Wet	11/29/2018 3:45:00 PM	1/7/2019 5:59:00 AM	Di-n-octylphthalate	n/a	<	1.9	µg/L	EPA 625	1.9	10	WKL	
MO-OXN	2018/19-2	Wet	11/29/2018 3:45:00 PM	1/7/2019 5:59:00 AM	Fluoranthene	n/a	<	2.2	µg/L	EPA 625	2.2	10	WKL	
MO-OXN	2018/19-2	Wet	11/29/2018 3:45:00 PM	1/12/2019 2:27:00 AM	Fluoranthene	n/a	<	1	µg/L	EPA 8270C	1	1	WKL	
MO-OXN	2018/19-2	Wet	11/29/2018 3:45:00 PM	1/7/2019 5:59:00 AM	Fluorene	n/a	<	3.5	µg/L	EPA 625	3.5	10	WKL	
MO-OXN	2018/19-2	Wet	11/29/2018 3:45:00 PM	1/12/2019 2:27:00 AM	Fluorene	n/a	<	1	µg/L	EPA 8270C	1	1	WKL	
MO-OXN	2018/19-2	Wet	11/29/2018 3:45:00 PM	1/7/2019 5:59:00 AM	Hexachlorobenzene	n/a	<	4.9	µg/L	EPA 625	4.9	10	WKL	
MO-OXN	2018/19-2	Wet	11/29/2018 3:45:00 PM	1/7/2019 5:59:00 AM	Hexachlorobutadiene	n/a	<	4.7	µg/L	EPA 625	4.7	10	WKL	
MO-OXN	2018/19-2	Wet	11/29/2018 3:45:00 PM	1/7/2019 5:59:00 AM	Hexachlorocyclopentadiene	n/a	<	15	µg/L	EPA 625	15	50	WKL	
MO-OXN	2018/19-2	Wet	11/29/2018 3:45:00 PM	1/7/2019 5:59:00 AM	Hexachloroethane	n/a	<	5.2	µg/L	EPA 625	5.2	10	WKL	
MO-OXN	2018/19-2	Wet	11/29/2018 3:45:00 PM	1/12/2019 2:27:00 AM	Indeno(1,2,3-cd)pyrene	n/a	<	1	µg/L	EPA 8270C	1	1	WKL	
MO-OXN	2018/19-2	Wet	11/29/2018 3:45:00 PM	1/7/2019 5:59:00 AM	Indeno(1,2,3-cd)pyrene	n/a	<	1.2	µg/L	EPA 625	1.2	20	WKL	
MO-OXN	2018/19-2	Wet	11/29/2018 3:45:00 PM	1/7/2019 5:59:00 AM	Isophorone	n/a	<	2.1	µg/L	EPA 625	2.1	10	WKL	
MO-OXN	2018/19-2	Wet	11/29/2018 3:45:00 PM	1/7/2019 5:59:00 AM	Naphthalene	n/a	<	4.9	µg/L	EPA 625	4.9	10	WKL	
MO-OXN	2018/19-2	Wet	11/29/2018 3:45:00 PM	1/12/2019 2:27:00 AM	Naphthalene	n/a	<	1	µg/L	EPA 8270C	1	1	WKL	
MO-OXN	2018/19-2	Wet	11/29/2018 3:45:00 PM	1/7/2019 5:59:00 AM	Nitrobenzene	n/a	<	3.6	µg/L	EPA 625	3.6	10	WKL	
MO-OXN	2018/19-2	Wet	11/29/2018 3:45:00 PM	1/7/2019 5:59:00 AM	N-Nitrosodimethylamine	n/a	<	1.4	µg/L	EPA 625	1.4	10	WKL	
MO-OXN	2018/19-2	Wet	11/29/2018 3:45:00 PM	1/7/2019 5:59:00 AM	N-Nitrosodi-N-propylamine	n/a	<	2.6	µg/L	EPA 625	2.6	10	WKL	
MO-OXN	2018/19-2	Wet	11/29/2018 3:45:00 PM	1/7/2019 5:59:00 AM	N-Nitrosodiphenylamine	n/a	<	1.9	µg/L	EPA 625	1.9	10	WKL	
MO-OXN	2018/19-2	Wet	11/29/2018 3:45:00 PM	1/12/2019 2:27:00 AM	Phenanthrene	n/a	<	1	µg/L	EPA 8270C	1	1	WKL	
MO-OXN	2018/19-2	Wet	11/29/2018 3:45:00 PM	1/7/2019 5:59:00 AM	Phenanthrene	n/a	<	3.2	µg/L	EPA 625	3.2	10	WKL	
MO-OXN	2018/19-2	Wet	11/29/2018 3:45:00 PM	1/7/2019 5:59:00 AM	Phenol	n/a	<	1.6	µg/L	EPA 625	1.6	10	WKL	
MO-OXN	2018/19-2	Wet	11/29/2018 3:45:00 PM	1/11/2019 6:30:00 AM	Phenol	n/a	<	3.5	µg/L	EPA 8270C	3.5	10	WKL	
MO-OXN	2018/19-2	Wet	11/29/2018 3:45:00 PM	1/7/2019 5:59:00 AM	Pyrene	n/a	<	2.5	µg/L	EPA 625	2.5	10	WKL	
MO-OXN	2018/19-2	Wet	11/29/2018 3:45:00 PM	1/12/2019 2:27:00 AM	Pyrene	n/a	<	1	µg/L	EPA 8270C	1	1	WKL	
MO-OXN	2018/19-2	Wet	11/29/2018 3:45:00 PM	1/12/2019 3:01:00 PM	PCB Aroclor 1016	n/a	<	1	µg/L	EPA 608	1	10	WKL	
MO-OXN	2018/19-2	Wet	11/29/2018 3:45:00 PM	1/12/2019 3:01:00 PM	PCB Aroclor 1221	n/a	<	1.2	µg/L	EPA 608	1.2	10	WKL	
MO-OXN	2018/19-2	Wet	11/29/2018 3:45:00 PM	1/12/2019 3:01:00 PM	PCB Aroclor 1232	n/a	<	3	µg/L	EPA 608	3	10	WKL	
MO-OXN	2018/19-2	Wet	11/29/2018 3:45:00 PM	1/12/2019 3:01:00 PM	PCB Aroclor 1242	n/a	<	1.4	µg/L	EPA 608	1.4	10	WKL	
MO-OXN	2018/19-2	Wet	11/29/2018 3:45:00 PM	1/12/2019 3:01:00 PM	PCB Aroclor 1248	n/a	<	1.2	µg/L	EPA 608	1.2	10	WKL	
MO-OXN	2018/19-2	Wet	11/29/2018 3:45:00 PM	1/12/2019 3:01:00 PM	PCB Aroclor 1254	n/a	<	0.8	µg/L	EPA 608	0.8	10	WKL	
MO-OXN	2018/19-2	Wet	11/29/2018 3:45:00 PM	1/12/2019 3:01:00 PM	PCB Aroclor 1260	n/a	<	0.8	µg/L	EPA 608	0.8	10	WKL	
MO-OXN	2018/19-2	Wet	11/29/2018 3:45:00 PM	12/27/2018 11:49:00 PM	2,4,5-T	n/a	<	0.07	µg/L	EPA 515.3	0.07	0.2	WKL	
MO-OXN	2018/19-2	Wet	11/29/2018 3:45:00 PM	12/27/2018 11:49:00 PM	2,4,5-TP	n/a	<	0.09	µg/L	EPA 515.3	0.09	0.2	WKL	

Appendix G
Laboratory Environmental Analysis Results

Site ID	Event	Event Type	Sample Date	Analysis Date	Constituent	Fraction	Sign	Result	Units	Method	MDL	Reporting Limit	Analyzing Laboratory	Qualifier
MO-OXN	2018/19-2	Wet	11/29/2018 3:45:00 PM	12/27/2018 11:49:00 PM	2,4-D	n/a	<	0.07	µg/L	EPA 515.3	0.07	0.4	WKL	
MO-OXN	2018/19-2	Wet	11/29/2018 3:45:00 PM	12/27/2018 11:49:00 PM	2,4-DB	n/a	DNQ	0.93	µg/L	EPA 515.3	0.07	2	WKL	
MO-OXN	2018/19-2	Wet	11/29/2018 3:45:00 PM	12/27/2018 11:49:00 PM	3,5-Dichlorobenzoic acid	n/a	<	0.09	µg/L	EPA 515.3	0.09	1	WKL	
MO-OXN	2018/19-2	Wet	11/29/2018 3:45:00 PM	1/12/2019 3:01:00 PM	4,4'-DDD	n/a	<	0.06	µg/L	EPA 608	0.06	1	WKL	
MO-OXN	2018/19-2	Wet	11/29/2018 3:45:00 PM	1/12/2019 3:01:00 PM	4,4'-DDE	n/a	<	0.05	µg/L	EPA 608	0.05	1	WKL	
MO-OXN	2018/19-2	Wet	11/29/2018 3:45:00 PM	1/12/2019 3:01:00 PM	4,4'-DDT	n/a	<	0.062	µg/L	EPA 608	0.062	0.2	WKL	
MO-OXN	2018/19-2	Wet	11/29/2018 3:45:00 PM	12/27/2018 11:49:00 PM	Acifluorfen	n/a	<	0.06	µg/L	EPA 515.3	0.06	0.4	WKL	
MO-OXN	2018/19-2	Wet	11/29/2018 3:45:00 PM	12/14/2018 10:04:00 PM	Alachlor	n/a	<	0.044	µg/L	EPA 525.2	0.044	0.2	WKL	
MO-OXN	2018/19-2	Wet	11/29/2018 3:45:00 PM	1/12/2019 3:01:00 PM	Aldrin	n/a	<	0.03	µg/L	EPA 608	0.03	0.1	WKL	
MO-OXN	2018/19-2	Wet	11/29/2018 3:45:00 PM	1/12/2019 3:01:00 PM	alpha-BHC	n/a	<	0.036	µg/L	EPA 608	0.036	0.2	WKL	
MO-OXN	2018/19-2	Wet	11/29/2018 3:45:00 PM	1/12/2019 3:01:00 PM	alpha-Chlordane	n/a	<	0.082	µg/L	EPA 608	0.082	0.2	WKL	
MO-OXN	2018/19-2	Wet	11/29/2018 3:45:00 PM	12/14/2018 10:04:00 PM	Atrazine	n/a	<	0.068	µg/L	EPA 525.2	0.068	0.2	WKL	
MO-OXN	2018/19-2	Wet	11/29/2018 3:45:00 PM	12/19/2018 9:00:00 PM	Azinphos methyl	n/a	<	0.011	µg/L	EPA 525.2m	0.011	0.02	WKL	
MO-OXN	2018/19-2	Wet	11/29/2018 3:45:00 PM	12/27/2018 11:49:00 PM	Bentazon	n/a	<	0.11	µg/L	EPA 515.3	0.11	2	WKL	
MO-OXN	2018/19-2	Wet	11/29/2018 3:45:00 PM	1/12/2019 3:01:00 PM	beta-BHC	n/a	<	0.062	µg/L	EPA 608	0.062	0.1	WKL	
MO-OXN	2018/19-2	Wet	11/29/2018 3:45:00 PM	12/19/2018 9:00:00 PM	Bolstar	n/a	<	0.0092	µg/L	EPA 525.2m	0.0092	0.02	WKL	
MO-OXN	2018/19-2	Wet	11/29/2018 3:45:00 PM	12/14/2018 10:04:00 PM	Bromacil	n/a	<	0.076	µg/L	EPA 525.2	0.076	2	WKL	
MO-OXN	2018/19-2	Wet	11/29/2018 3:45:00 PM	12/14/2018 10:04:00 PM	Butachlor	n/a	<	0.034	µg/L	EPA 525.2	0.034	0.4	WKL	
MO-OXN	2018/19-2	Wet	11/29/2018 3:45:00 PM	12/14/2018 10:04:00 PM	Captan	n/a	<	1.7	µg/L	EPA 525.2	1.7	2	WKL	
MO-OXN	2018/19-2	Wet	11/29/2018 3:45:00 PM	1/12/2019 3:01:00 PM	Chlordane (technical)	n/a	<	1.6	µg/L	EPA 608	1.6	2	WKL	
MO-OXN	2018/19-2	Wet	11/29/2018 3:45:00 PM	12/14/2018 10:04:00 PM	Chlorpropham	n/a	<	0.02	µg/L	EPA 525.2	0.02	0.2	WKL	
MO-OXN	2018/19-2	Wet	11/29/2018 3:45:00 PM	12/19/2018 9:00:00 PM	Chlorpyrifos	n/a	=	0.073	µg/L	EPA 525.2m	0.073	0.02	WKL	
MO-OXN	2018/19-2	Wet	11/29/2018 3:45:00 PM	12/19/2018 9:00:00 PM	Coumaphos	n/a	<	0.01	µg/L	EPA 525.2m	0.01	0.02	WKL	
MO-OXN	2018/19-2	Wet	11/29/2018 3:45:00 PM	12/14/2018 10:04:00 PM	Cyanazine	n/a	<	0.048	µg/L	EPA 525.2	0.048	0.2	WKL	
MO-OXN	2018/19-2	Wet	11/29/2018 3:45:00 PM	12/27/2018 11:49:00 PM	Dalapon	n/a	<	0.1	µg/L	EPA 515.3	0.1	0.4	WKL	
MO-OXN	2018/19-2	Wet	11/29/2018 3:45:00 PM	12/27/2018 11:49:00 PM	DCCA (Dacthal)	n/a	<	0.07	µg/L	EPA 515.3	0.07	0.1	WKL	
MO-OXN	2018/19-2	Wet	11/29/2018 3:45:00 PM	1/12/2019 3:01:00 PM	delta-BHC	n/a	<	0.05	µg/L	EPA 608	0.05	0.1	WKL	
MO-OXN	2018/19-2	Wet	11/29/2018 3:45:00 PM	12/19/2018 9:00:00 PM	Demeton-O	n/a	<	0.02	µg/L	EPA 525.2m	0.02	0.02	WKL	
MO-OXN	2018/19-2	Wet	11/29/2018 3:45:00 PM	12/19/2018 9:00:00 PM	Demeton-S	n/a	<	0.02	µg/L	EPA 525.2m	0.02	0.02	WKL	
MO-OXN	2018/19-2	Wet	11/29/2018 3:45:00 PM	12/19/2018 9:00:00 PM	Diazinon	n/a	<	0.01	µg/L	EPA 525.2m	0.01	0.02	WKL	
MO-OXN	2018/19-2	Wet	11/29/2018 3:45:00 PM	12/14/2018 10:04:00 PM	Diazinon	n/a	<	0.19	µg/L	EPA 525.2	0.19	0.2	WKL	
MO-OXN	2018/19-2	Wet	11/29/2018 3:45:00 PM	12/27/2018 11:49:00 PM	Dicamba	n/a	<	0.12	µg/L	EPA 515.3	0.12	0.6	WKL	
MO-OXN	2018/19-2	Wet	11/29/2018 3:45:00 PM	12/27/2018 11:49:00 PM	Dichlorprop	n/a	<	0.08	µg/L	EPA 515.3	0.08	0.3	WKL	
MO-OXN	2018/19-2	Wet	11/29/2018 3:45:00 PM	12/19/2018 9:00:00 PM	Dichlorvos	n/a	=	0.039	µg/L	EPA 525.2m	0.0058	0.02	WKL	
MO-OXN	2018/19-2	Wet	11/29/2018 3:45:00 PM	1/12/2019 3:01:00 PM	Dieldrin	n/a	<	0.042	µg/L	EPA 608	0.042	0.2	WKL	
MO-OXN	2018/19-2	Wet	11/29/2018 3:45:00 PM	12/19/2018 9:00:00 PM	Dimethoate	n/a	<	0.012	µg/L	EPA 525.2m	0.012	0.02	WKL	
MO-OXN	2018/19-2	Wet	11/29/2018 3:45:00 PM	12/14/2018 10:04:00 PM	Dimethoate	n/a	<	0.048	µg/L	EPA 525.2	0.048	0.4	WKL	
MO-OXN	2018/19-2	Wet	11/29/2018 3:45:00 PM	12/27/2018 11:49:00 PM	Dinoseb	n/a	<	0.14	µg/L	EPA 515.3	0.14	0.4	WKL	
MO-OXN	2018/19-2	Wet	11/29/2018 3:45:00 PM	12/14/2018 10:04:00 PM	Diphenamid	n/a	<	0.048	µg/L	EPA 525.2	0.048	0.2	WKL	
MO-OXN	2018/19-2	Wet	11/29/2018 3:45:00 PM	12/19/2018 9:00:00 PM	Disulfoton	n/a	<	0.02	µg/L	EPA 525.2m	0.02	0.02	WKL	
MO-OXN	2018/19-2	Wet	11/29/2018 3:45:00 PM	12/14/2018 10:04:00 PM	Disulfoton	n/a	<	0.062	µg/L	EPA 525.2	0.062	0.2	WKL	
MO-OXN	2018/19-2	Wet	11/29/2018 3:45:00 PM	1/12/2019 3:01:00 PM	Endosulfan I	n/a	<	0.034	µg/L	EPA 608	0.034	0.4	WKL	
MO-OXN	2018/19-2	Wet	11/29/2018 3:45:00 PM	1/12/2019 3:01:00 PM	Endosulfan II	n/a	<	0.038	µg/L	EPA 608	0.038	0.2	WKL	
MO-OXN	2018/19-2	Wet	11/29/2018 3:45:00 PM	1/12/2019 3:01:00 PM	Endosulfan sulfate	n/a	<	0.16	µg/L	EPA 608	0.16	1	WKL	
MO-OXN	2018/19-2	Wet	11/29/2018 3:45:00 PM	1/12/2019 3:01:00 PM	Endrin	n/a	<	0.056	µg/L	EPA 608	0.056	0.2	WKL	
MO-OXN	2018/19-2	Wet	11/29/2018 3:45:00 PM	1/12/2019 3:01:00 PM	Endrin aldehyde	n/a	<	0.06	µg/L	EPA 608	0.06	0.2	WKL	
MO-OXN	2018/19-2	Wet	11/29/2018 3:45:00 PM	12/14/2018 10:04:00 PM	EPTC	n/a	<	0.034	µg/L	EPA 525.2	0.034	2	WKL	
MO-OXN	2018/19-2	Wet	11/29/2018 3:45:00 PM	12/19/2018 9:00:00 PM	Ethoprop	n/a	<	0.013	µg/L	EPA 525.2m	0.013	0.02	WKL	

Appendix G
Laboratory Environmental Analysis Results

Site ID	Event	Event Type	Sample Date	Analysis Date	Constituent	Fraction	Sign	Result	Units	Method	MDL	Reporting Limit	Analyzing Laboratory	Qualifier
MO-OXN	2018/19-2	Wet	11/29/2018 3:45:00 PM	12/19/2018 9:00:00 PM	Ethyl parathion	n/a	<	0.011	µg/L	EPA 525.2m	0.011	0.02	WKL	
MO-OXN	2018/19-2	Wet	11/29/2018 3:45:00 PM	12/19/2018 9:00:00 PM	Fensulfothion	n/a	<	0.0058	µg/L	EPA 525.2m	0.0058	0.02	WKL	
MO-OXN	2018/19-2	Wet	11/29/2018 3:45:00 PM	12/19/2018 9:00:00 PM	Fenthion	n/a	<	0.0076	µg/L	EPA 525.2m	0.0076	0.02	WKL	
MO-OXN	2018/19-2	Wet	11/29/2018 3:45:00 PM	1/12/2019 3:01:00 PM	gamma-BHC (Lindane)	n/a	<	0.042	µg/L	EPA 608	0.042	0.4	WKL	
MO-OXN	2018/19-2	Wet	11/29/2018 3:45:00 PM	1/12/2019 3:01:00 PM	gamma-Chlordane	n/a	<	0.088	µg/L	EPA 608	0.088	0.2	WKL	
MO-OXN	2018/19-2	Wet	11/29/2018 3:45:00 PM	12/10/2018 10:04:00 PM	Glyphosate	n/a	=	13	µg/L	EPA 547	1.8	5	WKL	
MO-OXN	2018/19-2	Wet	11/29/2018 3:45:00 PM	1/12/2019 3:01:00 PM	Heptachlor	n/a	<	0.034	µg/L	EPA 608	0.034	0.2	WKL	
MO-OXN	2018/19-2	Wet	11/29/2018 3:45:00 PM	1/12/2019 3:01:00 PM	Heptachlor epoxide	n/a	<	0.038	µg/L	EPA 608	0.038	0.2	WKL	
MO-OXN	2018/19-2	Wet	11/29/2018 3:45:00 PM	12/19/2018 9:00:00 PM	Malathion	n/a	=	0.19	µg/L	EPA 525.2m	0.015	0.02	WKL	
MO-OXN	2018/19-2	Wet	11/29/2018 3:45:00 PM	12/19/2018 9:00:00 PM	Merphos	n/a	<	0.012	µg/L	EPA 525.2m	0.012	0.02	WKL	
MO-OXN	2018/19-2	Wet	11/29/2018 3:45:00 PM	1/12/2019 3:01:00 PM	Methoxychlor	n/a	<	0.11	µg/L	EPA 608	0.11	0.4	WKL	
MO-OXN	2018/19-2	Wet	11/29/2018 3:45:00 PM	12/19/2018 9:00:00 PM	Methyl parathion	n/a	<	0.013	µg/L	EPA 525.2m	0.013	0.02	WKL	
MO-OXN	2018/19-2	Wet	11/29/2018 3:45:00 PM	12/14/2018 10:04:00 PM	Metolachlor	n/a	<	0.024	µg/L	EPA 525.2	0.024	0.2	WKL	
MO-OXN	2018/19-2	Wet	11/29/2018 3:45:00 PM	12/14/2018 10:04:00 PM	Metribuzin	n/a	<	0.03	µg/L	EPA 525.2	0.03	0.2	WKL	
MO-OXN	2018/19-2	Wet	11/29/2018 3:45:00 PM	12/19/2018 9:00:00 PM	Mevinphos	n/a	<	0.0084	µg/L	EPA 525.2m	0.0084	0.02	WKL	
MO-OXN	2018/19-2	Wet	11/29/2018 3:45:00 PM	12/14/2018 10:04:00 PM	Molinate	n/a	<	0.078	µg/L	EPA 525.2	0.078	0.2	WKL	
MO-OXN	2018/19-2	Wet	11/29/2018 3:45:00 PM	12/19/2018 9:00:00 PM	Naled	n/a	<	0.015	µg/L	EPA 525.2m	0.015	0.02	WKL	
MO-OXN	2018/19-2	Wet	11/29/2018 3:45:00 PM	1/7/2019 5:59:00 AM	Pentachlorophenol	n/a	DNQ	5	µg/L	EPA 625	1.9	10	WKL	
MO-OXN	2018/19-2	Wet	11/29/2018 3:45:00 PM	12/27/2018 11:49:00 PM	Pentachlorophenol	n/a	=	0.21	µg/L	EPA 515.3	0.04	0.2	WKL	
MO-OXN	2018/19-2	Wet	11/29/2018 3:45:00 PM	1/11/2019 6:30:00 AM	Pentachlorophenol	n/a	DNQ	4.8	µg/L	EPA 8270C	1.5	10	WKL	UL-MB
MO-OXN	2018/19-2	Wet	11/29/2018 3:45:00 PM	12/19/2018 9:00:00 PM	Phorate	n/a	<	0.006	µg/L	EPA 525.2m	0.006	0.02	WKL	
MO-OXN	2018/19-2	Wet	11/29/2018 3:45:00 PM	12/27/2018 11:49:00 PM	Picloram	n/a	<	0.05	µg/L	EPA 515.3	0.05	0.6	WKL	
MO-OXN	2018/19-2	Wet	11/29/2018 3:45:00 PM	12/14/2018 10:04:00 PM	Prometon	n/a	<	0.048	µg/L	EPA 525.2	0.048	0.4	WKL	
MO-OXN	2018/19-2	Wet	11/29/2018 3:45:00 PM	12/14/2018 10:04:00 PM	Prometryn	n/a	<	0.072	µg/L	EPA 525.2	0.072	0.2	WKL	
MO-OXN	2018/19-2	Wet	11/29/2018 3:45:00 PM	12/19/2018 9:00:00 PM	Ronnel (Fenchlorphos)	n/a	<	0.0082	µg/L	EPA 525.2m	0.0082	0.02	WKL	
MO-OXN	2018/19-2	Wet	11/29/2018 3:45:00 PM	12/14/2018 10:04:00 PM	Simazine	n/a	<	0.03	µg/L	EPA 525.2	0.03	0.2	WKL	
MO-OXN	2018/19-2	Wet	11/29/2018 3:45:00 PM	12/19/2018 9:00:00 PM	Stirophos (Tetrachlorvinphos)	n/a	<	0.0062	µg/L	EPA 525.2m	0.0062	0.02	WKL	
MO-OXN	2018/19-2	Wet	11/29/2018 3:45:00 PM	12/14/2018 10:04:00 PM	Terbacil	n/a	<	1.1	µg/L	EPA 525.2	1.1	4	WKL	
MO-OXN	2018/19-2	Wet	11/29/2018 3:45:00 PM	12/14/2018 10:04:00 PM	Thiobencarb	n/a	<	0.05	µg/L	EPA 525.2	0.05	0.4	WKL	
MO-OXN	2018/19-2	Wet	11/29/2018 3:45:00 PM	12/19/2018 9:00:00 PM	Tokuthion	n/a	<	0.016	µg/L	EPA 525.2m	0.016	0.02	WKL	
MO-OXN	2018/19-2	Wet	11/29/2018 3:45:00 PM	1/12/2019 3:01:00 PM	Toxaphene	n/a	<	2.4	µg/L	EPA 608	2.4	10	WKL	
MO-OXN	2018/19-2	Wet	11/29/2018 3:45:00 PM	12/19/2018 9:00:00 PM	Trichloronate	n/a	<	0.013	µg/L	EPA 525.2m	0.013	0.02	WKL	
MO-OXN	2018/19-2	Wet	11/29/2018 3:45:00 PM	12/14/2018 10:04:00 PM	Trithion	n/a	<	0.024	µg/L	EPA 525.2	0.024	0.2	WKL	
MO-OXN	2018/19-3	Wet	1/5/2019 6:40:00 PM	1/6/2019 5:20:00 PM	E. Coli	n/a	=	7701	MPN/100 mL	MMO-MUG	10	10	VCHCA	
MO-OXN	2018/19-3	Wet	1/5/2019 6:40:00 PM	1/6/2019 5:20:00 PM	Total Coliform	n/a	=	61310	MPN/100 mL	MMO-MUG	100	100	VCHCA	
MO-OXN	2018/19-3	Wet	1/5/2019 6:40:00 PM	1/5/2019 6:40:00 PM	Conductivity	n/a	=	44.1	µmhos/cm	Field Meter	-88	1	Field Crew	
MO-OXN	2018/19-3	Wet	1/5/2019 6:40:00 PM	1/16/2019 4:44:00 PM	Cyanide	Total	=	0.0023	mg/L	ASTM D7511	0.0005	0.002	WKL	
MO-OXN	2018/19-3	Wet	1/5/2019 6:40:00 PM	1/5/2019 6:40:00 PM	DO	n/a	=	10.24	mg/L	Field Meter	-88	0.3	Field Crew	
MO-OXN	2018/19-3	Wet	1/5/2019 6:40:00 PM	1/5/2019 6:40:00 PM	DO	n/a	=	94.3	%	Field Meter	-88	0.1	Field Crew	
MO-OXN	2018/19-3	Wet	1/5/2019 6:40:00 PM	1/5/2019 6:40:00 PM	pH	n/a	=	6.74	pH Units	Field Meter	-88	0.01	Field Crew	
MO-OXN	2018/19-3	Wet	1/5/2019 6:40:00 PM	1/5/2019 6:40:00 PM	Salinity	n/a	<	100	mg/L	Field Meter	-88	100	Field Crew	
MO-OXN	2018/19-3	Wet	1/5/2019 6:40:00 PM	1/5/2019 6:40:00 PM	Specific Conductance	n/a	=	59.6	µmhos/cm	Field Meter	-88	1	Field Crew	
MO-OXN	2018/19-3	Wet	1/5/2019 6:40:00 PM	1/5/2019 6:40:00 PM	Temperature	n/a	=	11.6	°C	Field Meter	-88	0.1	Field Crew	
MO-OXN	2018/19-3	Wet	1/5/2019 6:40:00 PM	1/12/2019 11:13:00 AM	Gasoline Range Organics	n/a	<	0.012	mg/L	LUFT GC/MS	0.012	0.1	WKL	
MO-OXN	2018/19-3	Wet	1/5/2019 6:40:00 PM	1/11/2019 3:00:00 PM	Oil and Grease	n/a	DNQ	1.4	mg/L	EPA 1664A	1.3	5	WKL	
MO-OXN	2018/19-3	Wet	1/5/2019 6:40:00 PM	1/8/2019 7:52:00 PM	2-Chloroethyl vinyl ether	n/a	<	0.28	µg/L	EPA 624	0.28	1	WKL	
MO-OXN	2018/19-3	Wet	1/5/2019 6:40:00 PM	1/8/2019 7:52:00 PM	Methyl tert-butyl ether (MTBE)	n/a	<	0.25	µg/L	EPA 624	0.25	1	WKL	
MO-OXN	2018/19-3	Wet	1/5/2019 9:40:00 PM	1/15/2019 10:00:00 PM	Chloride	n/a	=	9.9	mg/L	EPA 300.0	0.1	0.5	WKL	

Appendix G
Laboratory Environmental Analysis Results

Site ID	Event	Event Type	Sample Date	Analysis Date	Constituent	Fraction	Sign	Result	Units	Method	MDL	Reporting Limit	Analyzing Laboratory	Qualifier
MO-OXN	2018/19-3	Wet	1/5/2019 9:40:00 PM	1/15/2019 10:00:00 PM	Fluoride	n/a	DNQ	0.08	mg/L	EPA 300.0	0.02	0.1	WKL	
MO-OXN	2018/19-3	Wet	1/5/2019 9:40:00 PM	1/9/2019 9:38:00 AM	Perchlorate	n/a	<	0.95	µg/L	EPA 314.0	0.95	2	WKL	
MO-OXN	2018/19-3	Wet	1/5/2019 9:40:00 PM	1/15/2019 10:00:00 PM	Sulfate	Total	=	12	mg/L	EPA 300.0	0.1	0.5	WKL	
MO-OXN	2018/19-3	Wet	1/5/2019 9:40:00 PM	1/30/2019 8:14:00 PM	Calcium	Total	=	14.1	mg/L	EPA 200.7	0.016	0.1	WKL	
MO-OXN	2018/19-3	Wet	1/5/2019 9:40:00 PM	1/30/2019 8:14:00 PM	Magnesium	Total	=	4.2	mg/L	EPA 200.7	0.012	0.1	WKL	
MO-OXN	2018/19-3	Wet	1/5/2019 9:40:00 PM	1/30/2019 8:14:00 PM	Potassium	Total	=	3.9	mg/L	EPA 200.7	0.081	0.1	WKL	
MO-OXN	2018/19-3	Wet	1/5/2019 9:40:00 PM	1/30/2019 8:14:00 PM	Sodium	Total	=	6.6	mg/L	EPA 200.7	0.015	0.5	WKL	
MO-OXN	2018/19-3	Wet	1/5/2019 9:40:00 PM	1/11/2019 3:58:00 PM	Alkalinity as CaCO3	n/a	=	27	mg/L	SM 2320 B	0.56	2	WKL	
MO-OXN	2018/19-3	Wet	1/5/2019 9:40:00 PM	1/12/2019 1:01:00 PM	BOD	n/a	=	20	mg/L	SM 5210 B	2	2	WKL	
MO-OXN	2018/19-3	Wet	1/5/2019 9:40:00 PM	1/17/2019 11:30:00 AM	COD	n/a	=	180	mg/L	EPA 410.4	0.73	5	WKL	
MO-OXN	2018/19-3	Wet	1/5/2019 9:40:00 PM	1/31/2019 4:14:00 AM	Dissolved Inorganic Carbon	Dissolved	=	16	mg/L	SM 5310 B	0.65	1	TestAmerica	
MO-OXN	2018/19-3	Wet	1/5/2019 9:40:00 PM	1/31/2019 3:23:23 PM	Dissolved Organic Carbon	Dissolved	=	12	mg/L	SM 5310 B	0.65	1	TestAmerica	
MO-OXN	2018/19-3	Wet	1/5/2019 9:40:00 PM	1/30/2019 8:14:00 PM	Hardness as CaCO3	Total	=	52.5	mg/L	EPA 200.7	0.0894	0.662	WKL	
MO-OXN	2018/19-3	Wet	1/5/2019 9:40:00 PM	1/7/2019 2:48:00 PM	MBAS	n/a	=	0.14	mg/L	SM 5540 C	0.019	0.05	WKL	
MO-OXN	2018/19-3	Wet	1/5/2019 9:40:00 PM	1/17/2019 5:46:00 PM	Phenolics	n/a	=	0.027	mg/L	EPA 420.4	0.0042	0.01	WKL	
MO-OXN	2018/19-3	Wet	1/5/2019 9:40:00 PM	1/10/2019 11:39:00 AM	Specific Conductance	n/a	=	120	µmhos/cm	SM 2510 B	0.23	2	WKL	
MO-OXN	2018/19-3	Wet	1/5/2019 9:40:00 PM	1/7/2019 6:56:00 PM	Total Chlorine Residual	n/a	<	0.0015	mg/L	SM 4500-Cl G	0.0015	0.05	WKL	EST-HT
MO-OXN	2018/19-3	Wet	1/5/2019 9:40:00 PM	1/10/2019 2:32:00 PM	Total Dissolved Solids	n/a	=	89	mg/L	SM 2540 C	4	10	WKL	
MO-OXN	2018/19-3	Wet	1/5/2019 9:40:00 PM	1/31/2019 4:57:00 PM	Total Organic Carbon	n/a	=	14	mg/L	SM 5310 B	0.21	0.3	MCA	
MO-OXN	2018/19-3	Wet	1/5/2019 9:40:00 PM	1/8/2019 1:30:00 PM	Total Suspended Solids	n/a	=	350	mg/L	SM 2540 D	-88	5	WKL	
MO-OXN	2018/19-3	Wet	1/5/2019 9:40:00 PM	1/7/2019 11:44:00 AM	Turbidity	n/a	=	110	NTU	EPA 180.1	0.12	0.5	WKL	
MO-OXN	2018/19-3	Wet	1/5/2019 9:40:00 PM	1/8/2019 3:00:00 PM	Volatile Suspended Solids	n/a	=	75	mg/L	EPA 160.4	3.1	5	WKL	
MO-OXN	2018/19-3	Wet	1/5/2019 9:40:00 PM	1/23/2019 5:08:00 AM	Diesel Range Organics	n/a	DNQ	0.27	mg/L	EPA 8015D	0.12	0.5	WKL	UL-MB
MO-OXN	2018/19-3	Wet	1/5/2019 9:40:00 PM	1/23/2019 5:08:00 AM	Oil Range Organics	n/a	<	1.6	mg/L	EPA 8015D	1.6	2.5	WKL	
MO-OXN	2018/19-3	Wet	1/5/2019 9:40:00 PM	1/16/2019 6:03:00 PM	Aluminum	Dissolved	=	32	µg/L	EPA 200.8	1.3	5	WKL	
MO-OXN	2018/19-3	Wet	1/5/2019 9:40:00 PM	1/16/2019 6:07:00 PM	Aluminum	Total	=	5200	µg/L	EPA 200.8	1.3	5	WKL	
MO-OXN	2018/19-3	Wet	1/5/2019 9:40:00 PM	1/17/2019 1:42:00 PM	Antimony	Dissolved	=	1.1	µg/L	EPA 200.8	0.045	0.5	WKL	
MO-OXN	2018/19-3	Wet	1/5/2019 9:40:00 PM	1/17/2019 1:45:00 PM	Antimony	Total	=	3.3	µg/L	EPA 200.8	0.045	0.5	WKL	
MO-OXN	2018/19-3	Wet	1/5/2019 9:40:00 PM	1/16/2019 6:03:00 PM	Arsenic	Dissolved	=	0.74	µg/L	EPA 200.8	0.074	0.4	WKL	
MO-OXN	2018/19-3	Wet	1/5/2019 9:40:00 PM	1/16/2019 6:07:00 PM	Arsenic	Total	=	3.1	µg/L	EPA 200.8	0.074	0.4	WKL	
MO-OXN	2018/19-3	Wet	1/5/2019 9:40:00 PM	1/16/2019 6:07:00 PM	Barium	Total	=	100	µg/L	EPA 200.8	0.071	0.5	WKL	
MO-OXN	2018/19-3	Wet	1/5/2019 9:40:00 PM	1/16/2019 6:03:00 PM	Beryllium	Dissolved	<	0.033	µg/L	EPA 200.8	0.033	0.1	WKL	
MO-OXN	2018/19-3	Wet	1/5/2019 9:40:00 PM	1/16/2019 6:07:00 PM	Beryllium	Total	=	0.17	µg/L	EPA 200.8	0.033	0.1	WKL	
MO-OXN	2018/19-3	Wet	1/5/2019 9:40:00 PM	1/16/2019 6:03:00 PM	Cadmium	Dissolved	DNQ	0.056	µg/L	EPA 200.8	0.041	0.1	WKL	
MO-OXN	2018/19-3	Wet	1/5/2019 9:40:00 PM	1/16/2019 6:07:00 PM	Cadmium	Total	=	0.56	µg/L	EPA 200.8	0.041	0.1	WKL	
MO-OXN	2018/19-3	Wet	1/5/2019 9:40:00 PM	1/16/2019 6:03:00 PM	Chromium	Dissolved	=	1.2	µg/L	EPA 200.8	0.035	0.2	WKL	
MO-OXN	2018/19-3	Wet	1/5/2019 9:40:00 PM	1/16/2019 6:07:00 PM	Chromium	Total	=	12	µg/L	EPA 200.8	0.035	0.2	WKL	
MO-OXN	2018/19-3	Wet	1/5/2019 9:40:00 PM	1/18/2019 4:02:00 PM	Chromium VI	n/a	=	0.97	µg/L	EPA 218.6	0.0048	0.02	WKL	
MO-OXN	2018/19-3	Wet	1/5/2019 9:40:00 PM	1/16/2019 6:03:00 PM	Copper	Dissolved	=	10	µg/L	EPA 200.8	0.13	0.5	WKL	
MO-OXN	2018/19-3	Wet	1/5/2019 9:40:00 PM	1/16/2019 6:07:00 PM	Copper	Total	=	53	µg/L	EPA 200.8	0.13	0.5	WKL	
MO-OXN	2018/19-3	Wet	1/5/2019 9:40:00 PM	1/30/2019 8:11:00 PM	Iron	Dissolved	=	69	µg/L	EPA 200.7	1.1	10	WKL	
MO-OXN	2018/19-3	Wet	1/5/2019 9:40:00 PM	1/30/2019 8:14:00 PM	Iron	Total	=	8000	µg/L	EPA 200.7	1.1	10	WKL	
MO-OXN	2018/19-3	Wet	1/5/2019 9:40:00 PM	1/16/2019 6:03:00 PM	Lead	Dissolved	=	0.37	µg/L	EPA 200.8	0.031	0.2	WKL	
MO-OXN	2018/19-3	Wet	1/5/2019 9:40:00 PM	1/16/2019 6:07:00 PM	Lead	Total	=	20	µg/L	EPA 200.8	0.031	0.2	WKL	
MO-OXN	2018/19-3	Wet	1/5/2019 9:40:00 PM	1/11/2019 4:46:00 PM	Mercury	Dissolved	DNQ	18	ng/L	EPA 245.1	17	50	WKL	
MO-OXN	2018/19-3	Wet	1/5/2019 9:40:00 PM	1/11/2019 4:48:00 PM	Mercury	Total	DNQ	45	ng/L	EPA 245.1	17	50	WKL	
MO-OXN	2018/19-3	Wet	1/5/2019 9:40:00 PM	1/16/2019 6:03:00 PM	Nickel	Dissolved	=	2.2	µg/L	EPA 200.8	0.045	0.8	WKL	
MO-OXN	2018/19-3	Wet	1/5/2019 9:40:00 PM	1/16/2019 6:07:00 PM	Nickel	Total	=	13	µg/L	EPA 200.8	0.045	0.8	WKL	

Appendix G
Laboratory Environmental Analysis Results

Site ID	Event	Event Type	Sample Date	Analysis Date	Constituent	Fraction	Sign	Result	Units	Method	MDL	Reporting Limit	Analyzing Laboratory	Qualifier
MO-OXN	2018/19-3	Wet	1/5/2019 9:40:00 PM	1/16/2019 6:03:00 PM	Selenium	Dissolved	DNQ	0.3	µg/L	EPA 200.8	0.14	0.4	WKL	
MO-OXN	2018/19-3	Wet	1/5/2019 9:40:00 PM	1/16/2019 6:07:00 PM	Selenium	Total	=	0.6	µg/L	EPA 200.8	0.14	0.4	WKL	
MO-OXN	2018/19-3	Wet	1/5/2019 9:40:00 PM	1/16/2019 6:03:00 PM	Silver	Dissolved	<	0.062	µg/L	EPA 200.8	0.062	0.2	WKL	
MO-OXN	2018/19-3	Wet	1/5/2019 9:40:00 PM	1/16/2019 6:07:00 PM	Silver	Total	DNQ	0.11	µg/L	EPA 200.8	0.062	0.2	WKL	
MO-OXN	2018/19-3	Wet	1/5/2019 9:40:00 PM	1/16/2019 6:03:00 PM	Thallium	Dissolved	<	0.014	µg/L	EPA 200.8	0.014	0.2	WKL	
MO-OXN	2018/19-3	Wet	1/5/2019 9:40:00 PM	1/16/2019 6:07:00 PM	Thallium	Total	DNQ	0.083	µg/L	EPA 200.8	0.014	0.2	WKL	
MO-OXN	2018/19-3	Wet	1/5/2019 9:40:00 PM	1/16/2019 6:03:00 PM	Zinc	Dissolved	=	59	µg/L	EPA 200.8	0.94	5	WKL	
MO-OXN	2018/19-3	Wet	1/5/2019 9:40:00 PM	1/16/2019 6:07:00 PM	Zinc	Total	=	350	µg/L	EPA 200.8	0.94	5	WKL	
MO-OXN	2018/19-3	Wet	1/5/2019 9:40:00 PM	1/15/2019 6:47:00 PM	Ammonia as N	n/a	=	0.67	mg/L	EPA 350.1	0.048	0.1	WKL	
MO-OXN	2018/19-3	Wet	1/5/2019 9:40:00 PM	1/12/2019 10:16:00 AM	Nitrate + Nitrite as N	n/a	=	0.72	mg/L	EPA 353.2	0.083	0.2	WKL	
MO-OXN	2018/19-3	Wet	1/5/2019 9:40:00 PM	1/31/2019 7:51:00 PM	Phosphorus as P	Dissolved	=	0.12	mg/L	EPA 200.7	0.012	0.02	WKL	
MO-OXN	2018/19-3	Wet	1/5/2019 9:40:00 PM	1/31/2019 8:32:00 PM	Phosphorus as P	Total	=	0.67	mg/L	EPA 200.7	0.012	0.02	WKL	
MO-OXN	2018/19-3	Wet	1/5/2019 9:40:00 PM	1/11/2019 12:29:00 PM	TKN	n/a	=	1.9	mg/L	EPA 351.2	0.05	0.1	WKL	
MO-OXN	2018/19-3	Wet	1/5/2019 9:40:00 PM	1/30/2019 7:08:00 AM	1,2,4-Trichlorobenzene	n/a	<	5.5	µg/L	EPA 625	5.5	10	WKL	
MO-OXN	2018/19-3	Wet	1/5/2019 9:40:00 PM	1/30/2019 7:08:00 AM	1,2-Dichlorobenzene	n/a	<	5.7	µg/L	EPA 625	5.7	10	WKL	
MO-OXN	2018/19-3	Wet	1/5/2019 9:40:00 PM	1/30/2019 7:08:00 AM	1,2-Diphenylhydrazine	n/a	<	2.5	µg/L	EPA 625	2.5	10	WKL	
MO-OXN	2018/19-3	Wet	1/5/2019 9:40:00 PM	1/30/2019 7:08:00 AM	1,3-Dichlorobenzene	n/a	<	5.3	µg/L	EPA 625	5.3	10	WKL	
MO-OXN	2018/19-3	Wet	1/5/2019 9:40:00 PM	1/30/2019 7:08:00 AM	1,4-Dichlorobenzene	n/a	<	5.5	µg/L	EPA 625	5.5	10	WKL	
MO-OXN	2018/19-3	Wet	1/5/2019 9:40:00 PM	2/2/2019 3:18:00 AM	1-Methylnaphthalene	n/a	<	1	µg/L	EPA 8270C	1	1	WKL	
MO-OXN	2018/19-3	Wet	1/5/2019 9:40:00 PM	2/6/2019 2:44:00 AM	2,4,5-Trichlorophenol	n/a	<	2.9	µg/L	EPA 8270C	2.9	10	WKL	
MO-OXN	2018/19-3	Wet	1/5/2019 9:40:00 PM	1/30/2019 7:08:00 AM	2,4,6-Trichlorophenol	n/a	<	2.2	µg/L	EPA 625	2.2	10	WKL	
MO-OXN	2018/19-3	Wet	1/5/2019 9:40:00 PM	2/6/2019 2:44:00 AM	2,4,6-Trichlorophenol	n/a	<	3	µg/L	EPA 8270C	3	10	WKL	
MO-OXN	2018/19-3	Wet	1/5/2019 9:40:00 PM	1/30/2019 7:08:00 AM	2,4-Dichlorophenol	n/a	<	2.6	µg/L	EPA 625	2.6	10	WKL	
MO-OXN	2018/19-3	Wet	1/5/2019 9:40:00 PM	2/6/2019 2:44:00 AM	2,4-Dichlorophenol	n/a	<	5.1	µg/L	EPA 8270C	5.1	10	WKL	
MO-OXN	2018/19-3	Wet	1/5/2019 9:40:00 PM	2/6/2019 2:44:00 AM	2,4-Dimethylphenol	n/a	<	10	µg/L	EPA 8270C	10	20	WKL	
MO-OXN	2018/19-3	Wet	1/5/2019 9:40:00 PM	1/30/2019 7:08:00 AM	2,4-Dimethylphenol	n/a	<	3	µg/L	EPA 625	3	10	WKL	
MO-OXN	2018/19-3	Wet	1/5/2019 9:40:00 PM	2/6/2019 2:44:00 AM	2,4-Dinitrophenol	n/a	<	10	µg/L	EPA 8270C	10	20	WKL	
MO-OXN	2018/19-3	Wet	1/5/2019 9:40:00 PM	1/30/2019 7:08:00 AM	2,4-Dinitrophenol	n/a	<	16	µg/L	EPA 625	16	100	WKL	
MO-OXN	2018/19-3	Wet	1/5/2019 9:40:00 PM	1/30/2019 7:08:00 AM	2,4-Dinitrotoluene	n/a	<	1.8	µg/L	EPA 625	1.8	10	WKL	
MO-OXN	2018/19-3	Wet	1/5/2019 9:40:00 PM	1/30/2019 7:08:00 AM	2,6-Dinitrotoluene	n/a	<	2.7	µg/L	EPA 625	2.7	10	WKL	
MO-OXN	2018/19-3	Wet	1/5/2019 9:40:00 PM	1/30/2019 7:08:00 AM	2-Chloronaphthalene	n/a	<	4.5	µg/L	EPA 625	4.5	10	WKL	
MO-OXN	2018/19-3	Wet	1/5/2019 9:40:00 PM	2/6/2019 2:44:00 AM	2-Chlorophenol	n/a	<	6.5	µg/L	EPA 8270C	6.5	10	WKL	
MO-OXN	2018/19-3	Wet	1/5/2019 9:40:00 PM	1/30/2019 7:08:00 AM	2-Chlorophenol	n/a	<	2.8	µg/L	EPA 625	2.8	10	WKL	
MO-OXN	2018/19-3	Wet	1/5/2019 9:40:00 PM	2/2/2019 3:18:00 AM	2-Methylnaphthalene	n/a	<	1	µg/L	EPA 8270C	1	1	WKL	
MO-OXN	2018/19-3	Wet	1/5/2019 9:40:00 PM	2/6/2019 2:44:00 AM	2-Methylphenol	n/a	<	3.4	µg/L	EPA 8270C	3.4	10	WKL	
MO-OXN	2018/19-3	Wet	1/5/2019 9:40:00 PM	1/30/2019 7:08:00 AM	2-Nitrophenol	n/a	<	2.6	µg/L	EPA 625	2.6	10	WKL	
MO-OXN	2018/19-3	Wet	1/5/2019 9:40:00 PM	2/6/2019 2:44:00 AM	2-Nitrophenol	n/a	<	7.1	µg/L	EPA 8270C	7.1	10	WKL	
MO-OXN	2018/19-3	Wet	1/5/2019 9:40:00 PM	1/30/2019 7:08:00 AM	3,3'-Dichlorobenzidine	n/a	<	12	µg/L	EPA 625	12	50	WKL	
MO-OXN	2018/19-3	Wet	1/5/2019 9:40:00 PM	2/6/2019 2:44:00 AM	3-/4-Methylphenol	n/a	<	3	µg/L	EPA 8270C	3	10	WKL	
MO-OXN	2018/19-3	Wet	1/5/2019 9:40:00 PM	1/30/2019 7:08:00 AM	4,6-Dinitro-2-methylphenol	n/a	<	17	µg/L	EPA 625	17	50	WKL	
MO-OXN	2018/19-3	Wet	1/5/2019 9:40:00 PM	2/6/2019 2:44:00 AM	4,6-Dinitro-2-methylphenol	n/a	<	1.4	µg/L	EPA 8270C	1.4	10	WKL	
MO-OXN	2018/19-3	Wet	1/5/2019 9:40:00 PM	1/30/2019 7:08:00 AM	4-Bromophenyl phenyl ether	n/a	<	3.6	µg/L	EPA 625	3.6	10	WKL	
MO-OXN	2018/19-3	Wet	1/5/2019 9:40:00 PM	1/30/2019 7:08:00 AM	4-Chloro-3-methylphenol	n/a	<	2.3	µg/L	EPA 625	2.3	10	WKL	
MO-OXN	2018/19-3	Wet	1/5/2019 9:40:00 PM	2/6/2019 2:44:00 AM	4-Chloro-3-methylphenol	n/a	<	3.7	µg/L	EPA 8270C	3.7	10	WKL	
MO-OXN	2018/19-3	Wet	1/5/2019 9:40:00 PM	1/30/2019 7:08:00 AM	4-Chlorophenyl phenyl ether	n/a	<	4.1	µg/L	EPA 625	4.1	10	WKL	
MO-OXN	2018/19-3	Wet	1/5/2019 9:40:00 PM	1/30/2019 7:08:00 AM	4-Nitrophenol	n/a	<	4.5	µg/L	EPA 625	4.5	50	WKL	
MO-OXN	2018/19-3	Wet	1/5/2019 9:40:00 PM	2/6/2019 2:44:00 AM	4-Nitrophenol	n/a	<	10	µg/L	EPA 8270C	10	20	WKL	
MO-OXN	2018/19-3	Wet	1/5/2019 9:40:00 PM	1/30/2019 7:08:00 AM	Acenaphthene	n/a	<	3.8	µg/L	EPA 625	3.8	10	WKL	

Appendix G
Laboratory Environmental Analysis Results

Site ID	Event	Event Type	Sample Date	Analysis Date	Constituent	Fraction	Sign	Result	Units	Method	MDL	Reporting Limit	Analyzing Laboratory	Qualifier
MO-OXN	2018/19-3	Wet	1/5/2019 9:40:00 PM	2/2/2019 3:18:00 AM	Acenaphthene	n/a	<	1	µg/L	EPA 8270C	1	1	WKL	
MO-OXN	2018/19-3	Wet	1/5/2019 9:40:00 PM	1/30/2019 7:08:00 AM	Acenaphthylene	n/a	<	4	µg/L	EPA 625	4	10	WKL	
MO-OXN	2018/19-3	Wet	1/5/2019 9:40:00 PM	2/2/2019 3:18:00 AM	Acenaphthylene	n/a	<	1	µg/L	EPA 8270C	1	1	WKL	
MO-OXN	2018/19-3	Wet	1/5/2019 9:40:00 PM	1/30/2019 7:08:00 AM	Anthracene	n/a	<	3.4	µg/L	EPA 625	3.4	10	WKL	
MO-OXN	2018/19-3	Wet	1/5/2019 9:40:00 PM	2/2/2019 3:18:00 AM	Anthracene	n/a	<	1	µg/L	EPA 8270C	1	1	WKL	
MO-OXN	2018/19-3	Wet	1/5/2019 9:40:00 PM	2/2/2019 3:18:00 AM	Benz(a)anthracene	n/a	<	1	µg/L	EPA 8270C	1	1	WKL	
MO-OXN	2018/19-3	Wet	1/5/2019 9:40:00 PM	1/30/2019 7:08:00 AM	Benz(a)anthracene	n/a	<	1.9	µg/L	EPA 625	1.9	10	WKL	
MO-OXN	2018/19-3	Wet	1/5/2019 9:40:00 PM	1/30/2019 7:08:00 AM	Benzenzidine	n/a	<	37	µg/L	EPA 625	37	100	WKL	
MO-OXN	2018/19-3	Wet	1/5/2019 9:40:00 PM	2/1/2019 3:34:00 PM	Benzo(a)pyrene	n/a	<	0.35	µg/L	EPA 525.2	0.35	0.5	WKL	
MO-OXN	2018/19-3	Wet	1/5/2019 9:40:00 PM	1/30/2019 7:08:00 AM	Benzo(a)pyrene	n/a	<	1.3	µg/L	EPA 625	1.3	10	WKL	
MO-OXN	2018/19-3	Wet	1/5/2019 9:40:00 PM	2/2/2019 3:18:00 AM	Benzo(a)pyrene	n/a	<	1	µg/L	EPA 8270C	1	1	WKL	
MO-OXN	2018/19-3	Wet	1/5/2019 9:40:00 PM	1/30/2019 7:08:00 AM	Benzo(b)fluoranthene	n/a	<	1.4	µg/L	EPA 625	1.4	10	WKL	
MO-OXN	2018/19-3	Wet	1/5/2019 9:40:00 PM	2/2/2019 3:18:00 AM	Benzo(b)fluoranthene	n/a	<	1	µg/L	EPA 8270C	1	1	WKL	
MO-OXN	2018/19-3	Wet	1/5/2019 9:40:00 PM	1/30/2019 7:08:00 AM	Benzo(g,h,i)perylene	n/a	<	1	µg/L	EPA 625	1	20	WKL	
MO-OXN	2018/19-3	Wet	1/5/2019 9:40:00 PM	2/2/2019 3:18:00 AM	Benzo(g,h,i)perylene	n/a	<	1	µg/L	EPA 8270C	1	1	WKL	
MO-OXN	2018/19-3	Wet	1/5/2019 9:40:00 PM	1/30/2019 7:08:00 AM	Benzo(k)fluoranthene	n/a	<	2.2	µg/L	EPA 625	2.2	10	WKL	
MO-OXN	2018/19-3	Wet	1/5/2019 9:40:00 PM	2/2/2019 3:18:00 AM	Benzo(k)fluoranthene	n/a	<	1	µg/L	EPA 8270C	1	1	WKL	
MO-OXN	2018/19-3	Wet	1/5/2019 9:40:00 PM	1/30/2019 7:08:00 AM	Bis(2-chloroethoxy)methane	n/a	<	2.5	µg/L	EPA 625	2.5	10	WKL	
MO-OXN	2018/19-3	Wet	1/5/2019 9:40:00 PM	1/30/2019 7:08:00 AM	Bis(2-chloroethyl)ether	n/a	<	2.7	µg/L	EPA 625	2.7	10	WKL	
MO-OXN	2018/19-3	Wet	1/5/2019 9:40:00 PM	1/30/2019 7:08:00 AM	Bis(2-chloroisopropyl)ether	n/a	<	3.8	µg/L	EPA 625	3.8	10	WKL	
MO-OXN	2018/19-3	Wet	1/5/2019 9:40:00 PM	2/1/2019 3:34:00 PM	Bis(2-ethylhexyl)adipate	n/a	<	0.52	µg/L	EPA 525.2	0.52	25	WKL	
MO-OXN	2018/19-3	Wet	1/5/2019 9:40:00 PM	2/1/2019 3:34:00 PM	Bis(2-ethylhexyl)phthalate	n/a	<	5.3	µg/L	EPA 525.2	5.3	15	WKL	
MO-OXN	2018/19-3	Wet	1/5/2019 9:40:00 PM	1/30/2019 7:08:00 AM	Bis(2-ethylhexyl)phthalate	n/a	<	23	µg/L	EPA 625	23	50	WKL	
MO-OXN	2018/19-3	Wet	1/5/2019 9:40:00 PM	1/30/2019 7:08:00 AM	Butyl benzyl phthalate	n/a	<	1.8	µg/L	EPA 625	1.8	10	WKL	
MO-OXN	2018/19-3	Wet	1/5/2019 9:40:00 PM	2/2/2019 3:18:00 AM	Chrysene	n/a	<	1	µg/L	EPA 8270C	1	1	WKL	
MO-OXN	2018/19-3	Wet	1/5/2019 9:40:00 PM	1/30/2019 7:08:00 AM	Chrysene	n/a	<	1.9	µg/L	EPA 625	1.9	10	WKL	
MO-OXN	2018/19-3	Wet	1/5/2019 9:40:00 PM	1/30/2019 7:08:00 AM	Dibenz(a,h)anthracene	n/a	<	0.8	µg/L	EPA 625	0.8	20	WKL	
MO-OXN	2018/19-3	Wet	1/5/2019 9:40:00 PM	2/2/2019 3:18:00 AM	Dibenz(a,h)anthracene	n/a	<	1	µg/L	EPA 8270C	1	1	WKL	
MO-OXN	2018/19-3	Wet	1/5/2019 9:40:00 PM	1/30/2019 7:08:00 AM	Diethyl phthalate	n/a	<	1.5	µg/L	EPA 625	1.5	10	WKL	
MO-OXN	2018/19-3	Wet	1/5/2019 9:40:00 PM	1/30/2019 7:08:00 AM	Dimethyl phthalate	n/a	<	1.8	µg/L	EPA 625	1.8	10	WKL	
MO-OXN	2018/19-3	Wet	1/5/2019 9:40:00 PM	1/30/2019 7:08:00 AM	Di-n-butylphthalate	n/a	<	2.4	µg/L	EPA 625	2.4	10	WKL	
MO-OXN	2018/19-3	Wet	1/5/2019 9:40:00 PM	1/30/2019 7:08:00 AM	Di-n-octylphthalate	n/a	<	1.9	µg/L	EPA 625	1.9	10	WKL	
MO-OXN	2018/19-3	Wet	1/5/2019 9:40:00 PM	1/30/2019 7:08:00 AM	Fluoranthene	n/a	<	2.2	µg/L	EPA 625	2.2	10	WKL	
MO-OXN	2018/19-3	Wet	1/5/2019 9:40:00 PM	2/2/2019 3:18:00 AM	Fluoranthene	n/a	<	1	µg/L	EPA 8270C	1	1	WKL	
MO-OXN	2018/19-3	Wet	1/5/2019 9:40:00 PM	2/2/2019 3:18:00 AM	Fluorene	n/a	<	1	µg/L	EPA 8270C	1	1	WKL	
MO-OXN	2018/19-3	Wet	1/5/2019 9:40:00 PM	1/30/2019 7:08:00 AM	Fluorene	n/a	<	3.5	µg/L	EPA 625	3.5	10	WKL	
MO-OXN	2018/19-3	Wet	1/5/2019 9:40:00 PM	1/30/2019 7:08:00 AM	Hexachlorobenzene	n/a	<	4.9	µg/L	EPA 625	4.9	10	WKL	
MO-OXN	2018/19-3	Wet	1/5/2019 9:40:00 PM	1/30/2019 7:08:00 AM	Hexachlorobutadiene	n/a	<	4.7	µg/L	EPA 625	4.7	10	WKL	
MO-OXN	2018/19-3	Wet	1/5/2019 9:40:00 PM	1/30/2019 7:08:00 AM	Hexachlorocyclopentadiene	n/a	<	15	µg/L	EPA 625	15	50	WKL	
MO-OXN	2018/19-3	Wet	1/5/2019 9:40:00 PM	1/30/2019 7:08:00 AM	Hexachloroethane	n/a	<	5.2	µg/L	EPA 625	5.2	10	WKL	
MO-OXN	2018/19-3	Wet	1/5/2019 9:40:00 PM	1/30/2019 7:08:00 AM	Indeno(1,2,3-cd)pyrene	n/a	<	1.2	µg/L	EPA 625	1.2	20	WKL	
MO-OXN	2018/19-3	Wet	1/5/2019 9:40:00 PM	2/2/2019 3:18:00 AM	Indeno(1,2,3-cd)pyrene	n/a	<	1	µg/L	EPA 8270C	1	1	WKL	
MO-OXN	2018/19-3	Wet	1/5/2019 9:40:00 PM	1/30/2019 7:08:00 AM	Isophorone	n/a	<	2.1	µg/L	EPA 625	2.1	10	WKL	
MO-OXN	2018/19-3	Wet	1/5/2019 9:40:00 PM	1/30/2019 7:08:00 AM	Naphthalene	n/a	<	4.9	µg/L	EPA 625	4.9	10	WKL	
MO-OXN	2018/19-3	Wet	1/5/2019 9:40:00 PM	2/2/2019 3:18:00 AM	Naphthalene	n/a	<	1	µg/L	EPA 8270C	1	1	WKL	
MO-OXN	2018/19-3	Wet	1/5/2019 9:40:00 PM	1/30/2019 7:08:00 AM	Nitrobenzene	n/a	<	3.6	µg/L	EPA 625	3.6	10	WKL	
MO-OXN	2018/19-3	Wet	1/5/2019 9:40:00 PM	1/30/2019 7:08:00 AM	N-Nitrosodimethylamine	n/a	<	1.4	µg/L	EPA 625	1.4	10	WKL	
MO-OXN	2018/19-3	Wet	1/5/2019 9:40:00 PM	1/30/2019 7:08:00 AM	N-Nitrosodi-N-propylamine	n/a	<	2.6	µg/L	EPA 625	2.6	10	WKL	

Appendix G
Laboratory Environmental Analysis Results

Site ID	Event	Event Type	Sample Date	Analysis Date	Constituent	Fraction	Sign	Result	Units	Method	MDL	Reporting Limit	Analyzing Laboratory	Qualifier
MO-OXN	2018/19-3	Wet	1/5/2019 9:40:00 PM	1/30/2019 7:08:00 AM	N-Nitrosodiphenylamine	n/a	<	1.9	µg/L	EPA 625	1.9	10	WKL	
MO-OXN	2018/19-3	Wet	1/5/2019 9:40:00 PM	2/2/2019 3:18:00 AM	Phenanthrene	n/a	<	1	µg/L	EPA 8270C	1	1	WKL	
MO-OXN	2018/19-3	Wet	1/5/2019 9:40:00 PM	1/30/2019 7:08:00 AM	Phenanthrene	n/a	<	3.2	µg/L	EPA 625	3.2	10	WKL	
MO-OXN	2018/19-3	Wet	1/5/2019 9:40:00 PM	1/30/2019 7:08:00 AM	Phenol	n/a	<	1.6	µg/L	EPA 625	1.6	10	WKL	
MO-OXN	2018/19-3	Wet	1/5/2019 9:40:00 PM	2/6/2019 2:44:00 AM	Phenol	n/a	<	3.5	µg/L	EPA 8270C	3.5	10	WKL	
MO-OXN	2018/19-3	Wet	1/5/2019 9:40:00 PM	1/30/2019 7:08:00 AM	Pyrene	n/a	<	2.5	µg/L	EPA 625	2.5	10	WKL	
MO-OXN	2018/19-3	Wet	1/5/2019 9:40:00 PM	2/2/2019 3:18:00 AM	Pyrene	n/a	<	1	µg/L	EPA 8270C	1	1	WKL	
MO-OXN	2018/19-3	Wet	1/5/2019 9:40:00 PM	1/31/2019 5:13:00 AM	PCB Aroclor 1016	n/a	<	1	µg/L	EPA 608	1	10	WKL	
MO-OXN	2018/19-3	Wet	1/5/2019 9:40:00 PM	1/31/2019 5:13:00 AM	PCB Aroclor 1221	n/a	<	1.2	µg/L	EPA 608	1.2	10	WKL	
MO-OXN	2018/19-3	Wet	1/5/2019 9:40:00 PM	1/31/2019 5:13:00 AM	PCB Aroclor 1232	n/a	<	3	µg/L	EPA 608	3	10	WKL	
MO-OXN	2018/19-3	Wet	1/5/2019 9:40:00 PM	1/31/2019 5:13:00 AM	PCB Aroclor 1242	n/a	<	1.4	µg/L	EPA 608	1.4	10	WKL	
MO-OXN	2018/19-3	Wet	1/5/2019 9:40:00 PM	1/31/2019 5:13:00 AM	PCB Aroclor 1248	n/a	<	1.2	µg/L	EPA 608	1.2	10	WKL	
MO-OXN	2018/19-3	Wet	1/5/2019 9:40:00 PM	1/31/2019 5:13:00 AM	PCB Aroclor 1254	n/a	<	0.8	µg/L	EPA 608	0.8	10	WKL	
MO-OXN	2018/19-3	Wet	1/5/2019 9:40:00 PM	1/31/2019 5:13:00 AM	PCB Aroclor 1260	n/a	<	0.8	µg/L	EPA 608	0.8	10	WKL	
MO-OXN	2018/19-3	Wet	1/5/2019 9:40:00 PM	1/16/2019 11:10:00 AM	2,4,5-T	n/a	<	0.07	µg/L	EPA 515.3	0.07	0.2	WKL	
MO-OXN	2018/19-3	Wet	1/5/2019 9:40:00 PM	1/16/2019 11:10:00 AM	2,4,5-TP	n/a	<	0.09	µg/L	EPA 515.3	0.09	0.2	WKL	
MO-OXN	2018/19-3	Wet	1/5/2019 9:40:00 PM	1/16/2019 11:10:00 AM	2,4-D	n/a	<	0.07	µg/L	EPA 515.3	0.07	0.4	WKL	
MO-OXN	2018/19-3	Wet	1/5/2019 9:40:00 PM	1/16/2019 11:10:00 AM	2,4-DB	n/a	DNQ	1.3	µg/L	EPA 515.3	0.07	2	WKL	
MO-OXN	2018/19-3	Wet	1/5/2019 9:40:00 PM	1/16/2019 11:10:00 AM	3,5-Dichlorobenzoic acid	n/a	<	0.09	µg/L	EPA 515.3	0.09	1	WKL	
MO-OXN	2018/19-3	Wet	1/5/2019 9:40:00 PM	1/31/2019 5:13:00 AM	4,4'-DDD	n/a	<	0.06	µg/L	EPA 608	0.06	1	WKL	
MO-OXN	2018/19-3	Wet	1/5/2019 9:40:00 PM	1/31/2019 5:13:00 AM	4,4'-DDE	n/a	<	0.05	µg/L	EPA 608	0.05	1	WKL	
MO-OXN	2018/19-3	Wet	1/5/2019 9:40:00 PM	1/31/2019 5:13:00 AM	4,4'-DDT	n/a	<	0.062	µg/L	EPA 608	0.062	0.2	WKL	
MO-OXN	2018/19-3	Wet	1/5/2019 9:40:00 PM	1/16/2019 11:10:00 AM	Acifluorfen	n/a	<	0.06	µg/L	EPA 515.3	0.06	0.4	WKL	
MO-OXN	2018/19-3	Wet	1/5/2019 9:40:00 PM	2/1/2019 3:34:00 PM	Alachlor	n/a	<	0.11	µg/L	EPA 525.2	0.11	0.5	WKL	
MO-OXN	2018/19-3	Wet	1/5/2019 9:40:00 PM	1/31/2019 5:13:00 AM	Aldrin	n/a	<	0.03	µg/L	EPA 608	0.03	0.1	WKL	
MO-OXN	2018/19-3	Wet	1/5/2019 9:40:00 PM	1/31/2019 5:13:00 AM	alpha-BHC	n/a	<	0.036	µg/L	EPA 608	0.036	0.2	WKL	
MO-OXN	2018/19-3	Wet	1/5/2019 9:40:00 PM	1/31/2019 5:13:00 AM	alpha-Chlordane	n/a	<	0.082	µg/L	EPA 608	0.082	0.2	WKL	
MO-OXN	2018/19-3	Wet	1/5/2019 9:40:00 PM	2/1/2019 3:34:00 PM	Atrazine	n/a	<	0.17	µg/L	EPA 525.2	0.17	0.5	WKL	
MO-OXN	2018/19-3	Wet	1/5/2019 9:40:00 PM	1/26/2019 4:15:00 AM	Azinphos methyl	n/a	<	0.055	µg/L	EPA 525.2m	0.055	0.1	WKL	
MO-OXN	2018/19-3	Wet	1/5/2019 9:40:00 PM	1/16/2019 11:10:00 AM	Bentazon	n/a	<	0.11	µg/L	EPA 515.3	0.11	2	WKL	
MO-OXN	2018/19-3	Wet	1/5/2019 9:40:00 PM	1/31/2019 5:13:00 AM	beta-BHC	n/a	<	0.062	µg/L	EPA 608	0.062	0.1	WKL	
MO-OXN	2018/19-3	Wet	1/5/2019 9:40:00 PM	1/26/2019 4:15:00 AM	Bolstar	n/a	<	0.046	µg/L	EPA 525.2m	0.046	0.1	WKL	
MO-OXN	2018/19-3	Wet	1/5/2019 9:40:00 PM	2/1/2019 3:34:00 PM	Bromacil	n/a	<	0.19	µg/L	EPA 525.2	0.19	5	WKL	
MO-OXN	2018/19-3	Wet	1/5/2019 9:40:00 PM	2/1/2019 3:34:00 PM	Butachlor	n/a	<	0.085	µg/L	EPA 525.2	0.085	1	WKL	
MO-OXN	2018/19-3	Wet	1/5/2019 9:40:00 PM	2/1/2019 3:34:00 PM	Captan	n/a	<	4.3	µg/L	EPA 525.2	4.3	5	WKL	LB-LCSR
MO-OXN	2018/19-3	Wet	1/5/2019 9:40:00 PM	1/31/2019 5:13:00 AM	Chlordane (technical)	n/a	<	1.6	µg/L	EPA 608	1.6	2	WKL	
MO-OXN	2018/19-3	Wet	1/5/2019 9:40:00 PM	2/1/2019 3:34:00 PM	Chlorpropham	n/a	<	0.05	µg/L	EPA 525.2	0.05	0.5	WKL	
MO-OXN	2018/19-3	Wet	1/5/2019 9:40:00 PM	1/26/2019 4:15:00 AM	Chlorpyrifos	n/a	<	0.069	µg/L	EPA 525.2m	0.069	0.1	WKL	
MO-OXN	2018/19-3	Wet	1/5/2019 9:40:00 PM	1/26/2019 4:15:00 AM	Coumaphos	n/a	<	0.051	µg/L	EPA 525.2m	0.051	0.1	WKL	
MO-OXN	2018/19-3	Wet	1/5/2019 9:40:00 PM	2/1/2019 3:34:00 PM	Cyanazine	n/a	<	0.12	µg/L	EPA 525.2	0.12	0.5	WKL	
MO-OXN	2018/19-3	Wet	1/5/2019 9:40:00 PM	1/16/2019 11:10:00 AM	Dalapon	n/a	<	0.1	µg/L	EPA 515.3	0.1	0.4	WKL	
MO-OXN	2018/19-3	Wet	1/5/2019 9:40:00 PM	1/16/2019 11:10:00 AM	DCPA (Dacthal)	n/a	<	0.07	µg/L	EPA 515.3	0.07	0.1	WKL	
MO-OXN	2018/19-3	Wet	1/5/2019 9:40:00 PM	1/31/2019 5:13:00 AM	delta-BHC	n/a	<	0.05	µg/L	EPA 608	0.05	0.1	WKL	
MO-OXN	2018/19-3	Wet	1/5/2019 9:40:00 PM	1/26/2019 4:15:00 AM	Demeton-O	n/a	<	0.1	µg/L	EPA 525.2m	0.1	0.1	WKL	
MO-OXN	2018/19-3	Wet	1/5/2019 9:40:00 PM	1/26/2019 4:15:00 AM	Demeton-S	n/a	<	0.1	µg/L	EPA 525.2m	0.1	0.1	WKL	
MO-OXN	2018/19-3	Wet	1/5/2019 9:40:00 PM	2/1/2019 3:34:00 PM	Diazinon	n/a	<	0.48	µg/L	EPA 525.2	0.48	0.5	WKL	
MO-OXN	2018/19-3	Wet	1/5/2019 9:40:00 PM	1/26/2019 4:15:00 AM	Diazinon	n/a	<	0.052	µg/L	EPA 525.2m	0.052	0.1	WKL	
MO-OXN	2018/19-3	Wet	1/5/2019 9:40:00 PM	1/16/2019 11:10:00 AM	Dicamba	n/a	<	0.12	µg/L	EPA 515.3	0.12	0.6	WKL	

Appendix G
Laboratory Environmental Analysis Results

Site ID	Event	Event Type	Sample Date	Analysis Date	Constituent	Fraction	Sign	Result	Units	Method	MDL	Reporting Limit	Analyzing Laboratory	Qualifier
MO-OXN	2018/19-3	Wet	1/5/2019 9:40:00 PM	1/16/2019 11:10:00 AM	Dichlorprop	n/a	<	0.08	µg/L	EPA 515.3	0.08	0.3	WKL	
MO-OXN	2018/19-3	Wet	1/5/2019 9:40:00 PM	1/26/2019 4:15:00 AM	Dichlorvos	n/a	DNQ	0.029	µg/L	EPA 525.2m	0.029	0.1	WKL	
MO-OXN	2018/19-3	Wet	1/5/2019 9:40:00 PM	1/31/2019 5:13:00 AM	Dieldrin	n/a	<	0.042	µg/L	EPA 608	0.042	0.2	WKL	
MO-OXN	2018/19-3	Wet	1/5/2019 9:40:00 PM	2/1/2019 3:34:00 PM	Dimethoate	n/a	<	0.12	µg/L	EPA 525.2	0.12	1	WKL	
MO-OXN	2018/19-3	Wet	1/5/2019 9:40:00 PM	1/26/2019 4:15:00 AM	Dimethoate	n/a	<	0.062	µg/L	EPA 525.2m	0.062	0.1	WKL	
MO-OXN	2018/19-3	Wet	1/5/2019 9:40:00 PM	1/16/2019 11:10:00 AM	Dinoseb	n/a	<	0.14	µg/L	EPA 515.3	0.14	0.4	WKL	
MO-OXN	2018/19-3	Wet	1/5/2019 9:40:00 PM	2/1/2019 3:34:00 PM	Diphenamid	n/a	<	0.12	µg/L	EPA 525.2	0.12	0.5	WKL	
MO-OXN	2018/19-3	Wet	1/5/2019 9:40:00 PM	2/1/2019 3:34:00 PM	Disulfoton	n/a	<	0.16	µg/L	EPA 525.2	0.16	0.5	WKL	
MO-OXN	2018/19-3	Wet	1/5/2019 9:40:00 PM	1/26/2019 4:15:00 AM	Disulfoton	n/a	<	0.1	µg/L	EPA 525.2m	0.1	0.1	WKL	
MO-OXN	2018/19-3	Wet	1/5/2019 9:40:00 PM	1/31/2019 5:13:00 AM	Endosulfan I	n/a	<	0.034	µg/L	EPA 608	0.034	0.4	WKL	
MO-OXN	2018/19-3	Wet	1/5/2019 9:40:00 PM	1/31/2019 5:13:00 AM	Endosulfan II	n/a	<	0.038	µg/L	EPA 608	0.038	0.2	WKL	
MO-OXN	2018/19-3	Wet	1/5/2019 9:40:00 PM	1/31/2019 5:13:00 AM	Endosulfan sulfate	n/a	<	0.16	µg/L	EPA 608	0.16	1	WKL	
MO-OXN	2018/19-3	Wet	1/5/2019 9:40:00 PM	1/31/2019 5:13:00 AM	Endrin	n/a	<	0.056	µg/L	EPA 608	0.056	0.2	WKL	
MO-OXN	2018/19-3	Wet	1/5/2019 9:40:00 PM	1/31/2019 5:13:00 AM	Endrin aldehyde	n/a	<	0.06	µg/L	EPA 608	0.06	0.2	WKL	LB-LCSR
MO-OXN	2018/19-3	Wet	1/5/2019 9:40:00 PM	2/1/2019 3:34:00 PM	EPTC	n/a	<	0.085	µg/L	EPA 525.2	0.085	5	WKL	
MO-OXN	2018/19-3	Wet	1/5/2019 9:40:00 PM	1/26/2019 4:15:00 AM	Ethoprop	n/a	<	0.067	µg/L	EPA 525.2m	0.067	0.1	WKL	
MO-OXN	2018/19-3	Wet	1/5/2019 9:40:00 PM	1/26/2019 4:15:00 AM	Ethyl parathion	n/a	<	0.054	µg/L	EPA 525.2m	0.054	0.1	WKL	
MO-OXN	2018/19-3	Wet	1/5/2019 9:40:00 PM	1/26/2019 4:15:00 AM	Fensulfothion	n/a	<	0.029	µg/L	EPA 525.2m	0.029	0.1	WKL	
MO-OXN	2018/19-3	Wet	1/5/2019 9:40:00 PM	1/26/2019 4:15:00 AM	Fenthion	n/a	<	0.038	µg/L	EPA 525.2m	0.038	0.1	WKL	
MO-OXN	2018/19-3	Wet	1/5/2019 9:40:00 PM	1/31/2019 5:13:00 AM	gamma-BHC (Lindane)	n/a	<	0.042	µg/L	EPA 608	0.042	0.4	WKL	
MO-OXN	2018/19-3	Wet	1/5/2019 9:40:00 PM	1/31/2019 5:13:00 AM	gamma-Chlordane	n/a	<	0.088	µg/L	EPA 608	0.088	0.2	WKL	
MO-OXN	2018/19-3	Wet	1/5/2019 9:40:00 PM	1/10/2019 5:30:00 AM	Glyphosate	n/a	=	9.2	µg/L	EPA 547	1.8	5	WKL	
MO-OXN	2018/19-3	Wet	1/5/2019 9:40:00 PM	1/31/2019 5:13:00 AM	Heptachlor	n/a	<	0.034	µg/L	EPA 608	0.034	0.2	WKL	
MO-OXN	2018/19-3	Wet	1/5/2019 9:40:00 PM	1/31/2019 5:13:00 AM	Heptachlor epoxide	n/a	<	0.038	µg/L	EPA 608	0.038	0.2	WKL	
MO-OXN	2018/19-3	Wet	1/5/2019 9:40:00 PM	1/26/2019 4:15:00 AM	Malathion	n/a	=	0.1	µg/L	EPA 525.2m	0.076	0.1	WKL	
MO-OXN	2018/19-3	Wet	1/5/2019 9:40:00 PM	1/26/2019 4:15:00 AM	Merphos	n/a	<	0.058	µg/L	EPA 525.2m	0.058	0.1	WKL	
MO-OXN	2018/19-3	Wet	1/5/2019 9:40:00 PM	1/31/2019 5:13:00 AM	Methoxychlor	n/a	<	0.11	µg/L	EPA 608	0.11	0.4	WKL	
MO-OXN	2018/19-3	Wet	1/5/2019 9:40:00 PM	1/26/2019 4:15:00 AM	Methyl parathion	n/a	<	0.063	µg/L	EPA 525.2m	0.063	0.1	WKL	
MO-OXN	2018/19-3	Wet	1/5/2019 9:40:00 PM	2/1/2019 3:34:00 PM	Metolachlor	n/a	<	0.06	µg/L	EPA 525.2	0.06	0.5	WKL	
MO-OXN	2018/19-3	Wet	1/5/2019 9:40:00 PM	2/1/2019 3:34:00 PM	Metribuzin	n/a	<	0.075	µg/L	EPA 525.2	0.075	0.5	WKL	
MO-OXN	2018/19-3	Wet	1/5/2019 9:40:00 PM	1/26/2019 4:15:00 AM	Mevinphos	n/a	<	0.042	µg/L	EPA 525.2m	0.042	0.1	WKL	
MO-OXN	2018/19-3	Wet	1/5/2019 9:40:00 PM	2/1/2019 3:34:00 PM	Molinate	n/a	<	0.2	µg/L	EPA 525.2	0.2	0.5	WKL	
MO-OXN	2018/19-3	Wet	1/5/2019 9:40:00 PM	1/26/2019 4:15:00 AM	Naled	n/a	<	0.076	µg/L	EPA 525.2m	0.076	0.1	WKL	
MO-OXN	2018/19-3	Wet	1/5/2019 9:40:00 PM	2/6/2019 2:44:00 AM	Pentachlorophenol	n/a	<	1.5	µg/L	EPA 8270C	1.5	10	WKL	
MO-OXN	2018/19-3	Wet	1/5/2019 9:40:00 PM	1/16/2019 11:10:00 AM	Pentachlorophenol	n/a	DNQ	0.12	µg/L	EPA 515.3	0.04	0.2	WKL	
MO-OXN	2018/19-3	Wet	1/5/2019 9:40:00 PM	1/30/2019 7:08:00 AM	Pentachlorophenol	n/a	<	1.9	µg/L	EPA 625	1.9	10	WKL	
MO-OXN	2018/19-3	Wet	1/5/2019 9:40:00 PM	1/26/2019 4:15:00 AM	Phorate	n/a	<	0.03	µg/L	EPA 525.2m	0.03	0.1	WKL	
MO-OXN	2018/19-3	Wet	1/5/2019 9:40:00 PM	1/16/2019 11:10:00 AM	Picloram	n/a	<	0.05	µg/L	EPA 515.3	0.05	0.6	WKL	
MO-OXN	2018/19-3	Wet	1/5/2019 9:40:00 PM	2/1/2019 3:34:00 PM	Prometon	n/a	<	0.12	µg/L	EPA 525.2	0.12	1	WKL	
MO-OXN	2018/19-3	Wet	1/5/2019 9:40:00 PM	2/1/2019 3:34:00 PM	Prometryn	n/a	<	0.18	µg/L	EPA 525.2	0.18	0.5	WKL	
MO-OXN	2018/19-3	Wet	1/5/2019 9:40:00 PM	1/26/2019 4:15:00 AM	Ronnel (Fenchlorphos)	n/a	<	0.041	µg/L	EPA 525.2m	0.041	0.1	WKL	
MO-OXN	2018/19-3	Wet	1/5/2019 9:40:00 PM	2/1/2019 3:34:00 PM	Simazine	n/a	<	0.075	µg/L	EPA 525.2	0.075	0.5	WKL	
MO-OXN	2018/19-3	Wet	1/5/2019 9:40:00 PM	1/26/2019 4:15:00 AM	Stirophos (Tetrachlorvinphos)	n/a	<	0.031	µg/L	EPA 525.2m	0.031	0.1	WKL	
MO-OXN	2018/19-3	Wet	1/5/2019 9:40:00 PM	2/1/2019 3:34:00 PM	Terbacil	n/a	<	2.8	µg/L	EPA 525.2	2.8	10	WKL	
MO-OXN	2018/19-3	Wet	1/5/2019 9:40:00 PM	2/1/2019 3:34:00 PM	Thiobencarb	n/a	<	0.12	µg/L	EPA 525.2	0.12	1	WKL	
MO-OXN	2018/19-3	Wet	1/5/2019 9:40:00 PM	1/26/2019 4:15:00 AM	Toxuthion	n/a	<	0.078	µg/L	EPA 525.2m	0.078	0.1	WKL	
MO-OXN	2018/19-3	Wet	1/5/2019 9:40:00 PM	1/31/2019 5:13:00 AM	Toxaphene	n/a	<	2.4	µg/L	EPA 608	2.4	10	WKL	
MO-OXN	2018/19-3	Wet	1/5/2019 9:40:00 PM	1/26/2019 4:15:00 AM	Trichloronate	n/a	<	0.067	µg/L	EPA 525.2m	0.067	0.1	WKL	

Appendix G
Laboratory Environmental Analysis Results

Site ID	Event	Event Type	Sample Date	Analysis Date	Constituent	Fraction	Sign	Result	Units	Method	MDL	Reporting Limit	Analyzing Laboratory	Qualifier
MO-OXN	2018/19-3	Wet	1/5/2019 9:40:00 PM	2/1/2019 3:34:00 PM	Trithion	n/a	<	0.06	µg/L	EPA 525.2	0.06	0.5	WKL	
MO-SIM	2018/19-1	Wet	11/22/2018 1:10:00 AM	11/22/2018 9:00:00 PM	E. Coli	n/a	=	457	MPN/100 mL	MMO-MUG	10	10	VCHCA	
MO-SIM	2018/19-1	Wet	11/22/2018 1:10:00 AM	11/22/2018 9:00:00 PM	Total Coliform	n/a	=	41060	MPN/100 mL	MMO-MUG	100	100	VCHCA	
MO-SIM	2018/19-1	Wet	11/22/2018 1:10:00 AM	11/22/2018 1:10:00 AM	Conductivity	n/a	=	428.3	µmhos/cm	Field Meter	-88	1	Field Crew	
MO-SIM	2018/19-1	Wet	11/22/2018 1:10:00 AM	12/6/2018 6:55:00 PM	Cyanide	Total	=	0.009	mg/L	ASTM D7511	0.0005	0.002	WKL	
MO-SIM	2018/19-1	Wet	11/22/2018 1:10:00 AM	11/22/2018 1:10:00 AM	DO	n/a	=	8.15	mg/L	Field Meter	-88	0.3	Field Crew	
MO-SIM	2018/19-1	Wet	11/22/2018 1:10:00 AM	11/22/2018 1:10:00 AM	DO	n/a	=	83.1	%	Field Meter	-88	0.1	Field Crew	
MO-SIM	2018/19-1	Wet	11/22/2018 1:10:00 AM	11/22/2018 1:10:00 AM	pH	n/a	=	7.53	pH Units	Field Meter	-88	0.01	Field Crew	
MO-SIM	2018/19-1	Wet	11/22/2018 1:10:00 AM	11/22/2018 1:10:00 AM	Salinity	n/a	=	200	mg/L	Field Meter	-88	100	Field Crew	
MO-SIM	2018/19-1	Wet	11/22/2018 1:10:00 AM	11/22/2018 1:10:00 AM	Specific Conductance	n/a	=	514	µmhos/cm	Field Meter	-88	1	Field Crew	
MO-SIM	2018/19-1	Wet	11/22/2018 1:10:00 AM	11/22/2018 1:10:00 AM	Temperature	n/a	=	16.2	°C	Field Meter	-88	0.1	Field Crew	
MO-SIM	2018/19-1	Wet	11/22/2018 1:10:00 AM	11/30/2018 9:07:00 PM	Gasoline Range Organics	n/a	<	0.012	mg/L	LUFT GC/MS	0.012	0.1	WKL	
MO-SIM	2018/19-1	Wet	11/22/2018 1:10:00 AM	12/4/2018 9:18:00 AM	Oil and Grease	n/a	<	1.3	mg/L	EPA 1664A	1.3	5	WKL	
MO-SIM	2018/19-1	Wet	11/22/2018 1:10:00 AM	11/26/2018 10:35:00 PM	2-Chloroethyl vinyl ether	n/a	<	0.28	µg/L	EPA 624	0.28	1	WKL	
MO-SIM	2018/19-1	Wet	11/22/2018 1:10:00 AM	11/26/2018 10:35:00 PM	Methyl tert-butyl ether (MTBE)	n/a	<	0.25	µg/L	EPA 624	0.25	1	WKL	
MO-SIM	2018/19-1	Wet	11/22/2018 1:35:00 AM	11/26/2018 10:00:00 PM	Chloride	n/a	=	35	mg/L	EPA 300.0	0.5	2.5	WKL	
MO-SIM	2018/19-1	Wet	11/22/2018 1:35:00 AM	11/26/2018 10:00:00 PM	Fluoride	n/a	DNQ	0.29	mg/L	EPA 300.0	0.1	0.5	WKL	
MO-SIM	2018/19-1	Wet	11/22/2018 1:35:00 AM	11/29/2018 6:49:00 PM	Perchlorate	n/a	<	0.95	µg/L	EPA 314.0	0.95	2	WKL	
MO-SIM	2018/19-1	Wet	11/22/2018 1:35:00 AM	11/26/2018 10:00:00 PM	Sulfate	Total	=	200	mg/L	EPA 300.0	0.5	2.5	WKL	
MO-SIM	2018/19-1	Wet	11/22/2018 1:35:00 AM	11/26/2018 4:57:00 PM	Calcium	Total	=	88.1	mg/L	EPA 200.7	0.032	0.2	WKL	
MO-SIM	2018/19-1	Wet	11/22/2018 1:35:00 AM	11/26/2018 4:57:00 PM	Magnesium	Total	=	20.9	mg/L	EPA 200.7	0.024	0.2	WKL	
MO-SIM	2018/19-1	Wet	11/22/2018 1:35:00 AM	11/26/2018 4:57:00 PM	Potassium	Total	=	8.5	mg/L	EPA 200.7	0.16	0.2	WKL	
MO-SIM	2018/19-1	Wet	11/22/2018 1:35:00 AM	11/27/2018 1:55:00 PM	Sodium	Total	=	42	mg/L	EPA 200.7	0.03	1	WKL	
MO-SIM	2018/19-1	Wet	11/22/2018 1:35:00 AM	11/27/2018 2:45:00 PM	Alkalinity as CaCO3	n/a	=	100	mg/L	SM 2320 B	0.56	2	WKL	
MO-SIM	2018/19-1	Wet	11/22/2018 1:35:00 AM	11/28/2018 6:45:00 PM	BOD	n/a	=	40	mg/L	SM 5210 B	2	2	WKL	
MO-SIM	2018/19-1	Wet	11/22/2018 1:35:00 AM	11/27/2018 2:52:00 PM	COD	n/a	=	200	mg/L	EPA 410.4	0.73	5	WKL	
MO-SIM	2018/19-1	Wet	11/22/2018 1:35:00 AM	12/4/2018 2:24:00 PM	Dissolved Inorganic Carbon	Dissolved	=	24	mg/L	SM 5310 B	0.016	0.1	WKL	
MO-SIM	2018/19-1	Wet	11/22/2018 1:35:00 AM	12/3/2018 11:13:00 AM	Dissolved Organic Carbon	Dissolved	=	25	mg/L	SM 5310 B	0.013	0.3	WKL	
MO-SIM	2018/19-1	Wet	11/22/2018 1:35:00 AM	11/26/2018 4:57:00 PM	Hardness as CaCO3	Total	=	306	mg/L	EPA 200.7	0.179	1.32	WKL	
MO-SIM	2018/19-1	Wet	11/22/2018 1:35:00 AM	11/23/2018 6:32:00 PM	MBAS	n/a	=	1.1	mg/L	SM 5540 C	0.095	0.25	WKL	
MO-SIM	2018/19-1	Wet	11/22/2018 1:35:00 AM	12/6/2018 6:19:00 PM	Phenolics	n/a	=	0.14	mg/L	EPA 420.4	0.0042	0.01	WKL	
MO-SIM	2018/19-1	Wet	11/22/2018 1:35:00 AM	11/28/2018 6:35:00 PM	Specific Conductance	n/a	=	710	µmhos/cm	SM 2510 B	0.23	2	WKL	
MO-SIM	2018/19-1	Wet	11/22/2018 1:35:00 AM	11/27/2018 6:57:00 PM	Total Dissolved Solids	n/a	=	470	mg/L	SM 2540 C	4	10	WKL	
MO-SIM	2018/19-1	Wet	11/22/2018 1:35:00 AM	11/30/2018 12:03:00 PM	Total Organic Carbon	n/a	=	41	mg/L	SM 5310 B	0.016	0.1	WKL	
MO-SIM	2018/19-1	Wet	11/22/2018 1:35:00 AM	11/26/2018 12:37:00 PM	Total Suspended Solids	n/a	=	430	mg/L	SM 2540 D	-88	5	WKL	
MO-SIM	2018/19-1	Wet	11/22/2018 1:35:00 AM	11/23/2018 6:35:00 PM	Turbidity	n/a	=	66	NTU	EPA 180.1	0.12	0.5	WKL	
MO-SIM	2018/19-1	Wet	11/22/2018 1:35:00 AM	11/26/2018 12:37:00 PM	Volatile Suspended Solids	n/a	=	120	mg/L	EPA 160.4	3.1	5	WKL	
MO-SIM	2018/19-1	Wet	11/22/2018 1:35:00 AM	11/30/2018 11:56:00 PM	Diesel Range Organics	n/a	=	0.8	mg/L	EPA 8015D	0.12	0.5	WKL	
MO-SIM	2018/19-1	Wet	11/22/2018 1:35:00 AM	11/30/2018 11:56:00 PM	Oil Range Organics	n/a	<	1.6	mg/L	EPA 8015D	1.6	2.5	WKL	
MO-SIM	2018/19-1	Wet	11/22/2018 1:35:00 AM	11/29/2018 3:32:00 PM	Aluminum	Dissolved	=	26	µg/L	EPA 200.8	1.3	5	WKL	
MO-SIM	2018/19-1	Wet	11/22/2018 1:35:00 AM	11/29/2018 3:01:00 PM	Aluminum	Total	=	2800	µg/L	EPA 200.8	2.6	10	WKL	
MO-SIM	2018/19-1	Wet	11/22/2018 1:35:00 AM	11/29/2018 3:32:00 PM	Antimony	Dissolved	=	1.3	µg/L	EPA 200.8	0.045	0.5	WKL	
MO-SIM	2018/19-1	Wet	11/22/2018 1:35:00 AM	11/29/2018 3:01:00 PM	Antimony	Total	=	2.4	µg/L	EPA 200.8	0.09	1	WKL	
MO-SIM	2018/19-1	Wet	11/22/2018 1:35:00 AM	11/29/2018 3:32:00 PM	Arsenic	Dissolved	=	1.8	µg/L	EPA 200.8	0.074	0.4	WKL	
MO-SIM	2018/19-1	Wet	11/22/2018 1:35:00 AM	11/29/2018 3:01:00 PM	Arsenic	Total	=	4.2	µg/L	EPA 200.8	0.15	0.8	WKL	
MO-SIM	2018/19-1	Wet	11/22/2018 1:35:00 AM	11/29/2018 3:01:00 PM	Barium	Total	=	61	µg/L	EPA 200.8	0.14	1	WKL	
MO-SIM	2018/19-1	Wet	11/22/2018 1:35:00 AM	11/29/2018 3:32:00 PM	Beryllium	Dissolved	<	0.033	µg/L	EPA 200.8	0.033	0.1	WKL	
MO-SIM	2018/19-1	Wet	11/22/2018 1:35:00 AM	11/29/2018 3:01:00 PM	Beryllium	Total	DNQ	0.13	µg/L	EPA 200.8	0.066	0.2	WKL	

Appendix G
Laboratory Environmental Analysis Results

Site ID	Event	Event Type	Sample Date	Analysis Date	Constituent	Fraction	Sign	Result	Units	Method	MDL	Reporting Limit	Analyzing Laboratory	Qualifier
MO-SIM	2018/19-1	Wet	11/22/2018 1:35:00 AM	11/29/2018 3:32:00 PM	Cadmium	Dissolved	=	0.14	µg/L	EPA 200.8	0.041	0.1	WKL	
MO-SIM	2018/19-1	Wet	11/22/2018 1:35:00 AM	11/29/2018 3:01:00 PM	Cadmium	Total	=	0.89	µg/L	EPA 200.8	0.082	0.2	WKL	
MO-SIM	2018/19-1	Wet	11/22/2018 1:35:00 AM	11/29/2018 3:32:00 PM	Chromium	Dissolved	=	0.82	µg/L	EPA 200.8	0.035	0.2	WKL	
MO-SIM	2018/19-1	Wet	11/22/2018 1:35:00 AM	11/29/2018 3:01:00 PM	Chromium	Total	=	7.5	µg/L	EPA 200.8	0.07	0.4	WKL	
MO-SIM	2018/19-1	Wet	11/22/2018 1:35:00 AM	11/30/2018 11:46:00 PM	Chromium VI	n/a	<	0.096	µg/L	EPA 218.6	0.096	0.4	WKL	
MO-SIM	2018/19-1	Wet	11/22/2018 1:35:00 AM	11/29/2018 3:32:00 PM	Copper	Dissolved	=	8.5	µg/L	EPA 200.8	0.13	0.5	WKL	
MO-SIM	2018/19-1	Wet	11/22/2018 1:35:00 AM	11/29/2018 3:01:00 PM	Copper	Total	=	33	µg/L	EPA 200.8	0.26	1	WKL	
MO-SIM	2018/19-1	Wet	11/22/2018 1:35:00 AM	11/26/2018 4:19:00 PM	Iron	Dissolved	=	170	µg/L	EPA 200.7	1.1	10	WKL	
MO-SIM	2018/19-1	Wet	11/22/2018 1:35:00 AM	11/26/2018 4:57:00 PM	Iron	Total	=	5200	µg/L	EPA 200.7	2.2	20	WKL	
MO-SIM	2018/19-1	Wet	11/22/2018 1:35:00 AM	11/29/2018 3:32:00 PM	Lead	Dissolved	=	0.63	µg/L	EPA 200.8	0.031	0.2	WKL	
MO-SIM	2018/19-1	Wet	11/22/2018 1:35:00 AM	11/29/2018 3:01:00 PM	Lead	Total	=	6.8	µg/L	EPA 200.8	0.062	0.4	WKL	
MO-SIM	2018/19-1	Wet	11/22/2018 1:35:00 AM	11/28/2018 4:02:00 PM	Mercury	Dissolved	<	17	ng/L	EPA 245.1	17	50	WKL	
MO-SIM	2018/19-1	Wet	11/22/2018 1:35:00 AM	11/28/2018 4:03:00 PM	Mercury	Total	<	17	ng/L	EPA 245.1	17	50	WKL	
MO-SIM	2018/19-1	Wet	11/22/2018 1:35:00 AM	11/29/2018 3:32:00 PM	Nickel	Dissolved	=	5.6	µg/L	EPA 200.8	0.045	0.8	WKL	
MO-SIM	2018/19-1	Wet	11/22/2018 1:35:00 AM	11/29/2018 3:01:00 PM	Nickel	Total	=	14	µg/L	EPA 200.8	0.09	1.6	WKL	
MO-SIM	2018/19-1	Wet	11/22/2018 1:35:00 AM	11/29/2018 3:32:00 PM	Selenium	Dissolved	=	3.3	µg/L	EPA 200.8	0.14	0.4	WKL	
MO-SIM	2018/19-1	Wet	11/22/2018 1:35:00 AM	11/29/2018 3:01:00 PM	Selenium	Total	=	3.5	µg/L	EPA 200.8	0.28	0.8	WKL	
MO-SIM	2018/19-1	Wet	11/22/2018 1:35:00 AM	11/29/2018 3:32:00 PM	Silver	Dissolved	<	0.062	µg/L	EPA 200.8	0.062	0.2	WKL	
MO-SIM	2018/19-1	Wet	11/22/2018 1:35:00 AM	11/29/2018 3:01:00 PM	Silver	Total	<	0.12	µg/L	EPA 200.8	0.12	0.4	WKL	
MO-SIM	2018/19-1	Wet	11/22/2018 1:35:00 AM	11/29/2018 3:32:00 PM	Thallium	Dissolved	<	0.014	µg/L	EPA 200.8	0.014	0.2	WKL	
MO-SIM	2018/19-1	Wet	11/22/2018 1:35:00 AM	11/29/2018 3:01:00 PM	Thallium	Total	DNQ	0.046	µg/L	EPA 200.8	0.028	0.4	WKL	
MO-SIM	2018/19-1	Wet	11/22/2018 1:35:00 AM	11/29/2018 3:32:00 PM	Zinc	Dissolved	=	29	µg/L	EPA 200.8	0.94	5	WKL	
MO-SIM	2018/19-1	Wet	11/22/2018 1:35:00 AM	11/29/2018 3:01:00 PM	Zinc	Total	=	130	µg/L	EPA 200.8	1.9	10	WKL	
MO-SIM	2018/19-1	Wet	11/22/2018 1:35:00 AM	11/27/2018 4:38:00 PM	Ammonia as N	n/a	=	1.5	mg/L	EPA 350.1	0.048	0.1	WKL	
MO-SIM	2018/19-1	Wet	11/22/2018 1:35:00 AM	12/17/2018 1:09:00 PM	Nitrate + Nitrite as N	n/a	=	1.4	mg/L	EPA 353.2	0.083	0.2	WKL	
MO-SIM	2018/19-1	Wet	11/22/2018 1:35:00 AM	1/25/2019 3:00:00 PM	Phosphorus as P	Dissolved	=	0.2	mg/L	EPA 200.7	0.012	0.02	WKL	
MO-SIM	2018/19-1	Wet	11/22/2018 1:35:00 AM	1/25/2019 3:03:00 PM	Phosphorus as P	Total	=	0.99	mg/L	EPA 200.7	0.012	0.02	WKL	
MO-SIM	2018/19-1	Wet	11/22/2018 1:35:00 AM	12/12/2018 4:46:00 PM	TKN	n/a	=	3.9	mg/L	EPA 351.2	0.05	0.1	WKL	
MO-SIM	2018/19-1	Wet	11/22/2018 1:35:00 AM	12/29/2018 1:21:00 AM	1,2,4-Trichlorobenzene	n/a	<	2.8	µg/L	EPA 625	2.8	5	WKL	
MO-SIM	2018/19-1	Wet	11/22/2018 1:35:00 AM	12/29/2018 1:21:00 AM	1,2-Dichlorobenzene	n/a	<	2.8	µg/L	EPA 625	2.8	5	WKL	
MO-SIM	2018/19-1	Wet	11/22/2018 1:35:00 AM	12/29/2018 1:21:00 AM	1,2-Diphenylhydrazine	n/a	<	1.2	µg/L	EPA 625	1.2	5	WKL	
MO-SIM	2018/19-1	Wet	11/22/2018 1:35:00 AM	12/29/2018 1:21:00 AM	1,3-Dichlorobenzene	n/a	<	2.6	µg/L	EPA 625	2.6	5	WKL	
MO-SIM	2018/19-1	Wet	11/22/2018 1:35:00 AM	12/29/2018 1:21:00 AM	1,4-Dichlorobenzene	n/a	<	2.8	µg/L	EPA 625	2.8	5	WKL	
MO-SIM	2018/19-1	Wet	11/22/2018 1:35:00 AM	1/4/2019 7:59:00 AM	1-Methylnaphthalene	n/a	<	0.5	µg/L	EPA 8270C	0.5	0.5	WKL	
MO-SIM	2018/19-1	Wet	11/22/2018 1:35:00 AM	1/2/2019 9:59:00 PM	2,4,5-Trichlorophenol	n/a	<	1.4	µg/L	EPA 8270C	1.4	5	WKL	
MO-SIM	2018/19-1	Wet	11/22/2018 1:35:00 AM	1/2/2019 9:59:00 PM	2,4,6-Trichlorophenol	n/a	<	1.5	µg/L	EPA 8270C	1.5	5	WKL	
MO-SIM	2018/19-1	Wet	11/22/2018 1:35:00 AM	12/29/2018 1:21:00 AM	2,4,6-Trichlorophenol	n/a	<	1.1	µg/L	EPA 625	1.1	5	WKL	
MO-SIM	2018/19-1	Wet	11/22/2018 1:35:00 AM	1/2/2019 9:59:00 PM	2,4-Dichlorophenol	n/a	<	2.6	µg/L	EPA 8270C	2.6	5	WKL	
MO-SIM	2018/19-1	Wet	11/22/2018 1:35:00 AM	12/29/2018 1:21:00 AM	2,4-Dichlorophenol	n/a	<	1.3	µg/L	EPA 625	1.3	5	WKL	
MO-SIM	2018/19-1	Wet	11/22/2018 1:35:00 AM	12/29/2018 1:21:00 AM	2,4-Dimethylphenol	n/a	<	1.5	µg/L	EPA 625	1.5	5	WKL	
MO-SIM	2018/19-1	Wet	11/22/2018 1:35:00 AM	1/2/2019 9:59:00 PM	2,4-Dimethylphenol	n/a	<	5	µg/L	EPA 8270C	5	10	WKL	
MO-SIM	2018/19-1	Wet	11/22/2018 1:35:00 AM	1/2/2019 9:59:00 PM	2,4-Dinitrophenol	n/a	<	5	µg/L	EPA 8270C	5	10	WKL	EST
MO-SIM	2018/19-1	Wet	11/22/2018 1:35:00 AM	12/29/2018 1:21:00 AM	2,4-Dinitrophenol	n/a	<	7.9	µg/L	EPA 625	7.9	50	WKL	
MO-SIM	2018/19-1	Wet	11/22/2018 1:35:00 AM	12/29/2018 1:21:00 AM	2,4-Dinitrotoluene	n/a	<	0.9	µg/L	EPA 625	0.9	5	WKL	
MO-SIM	2018/19-1	Wet	11/22/2018 1:35:00 AM	12/29/2018 1:21:00 AM	2,6-Dinitrotoluene	n/a	<	1.4	µg/L	EPA 625	1.4	5	WKL	
MO-SIM	2018/19-1	Wet	11/22/2018 1:35:00 AM	12/29/2018 1:21:00 AM	2-Chloronaphthalene	n/a	<	2.2	µg/L	EPA 625	2.2	5	WKL	
MO-SIM	2018/19-1	Wet	11/22/2018 1:35:00 AM	1/2/2019 9:59:00 PM	2-Chlorophenol	n/a	<	3.2	µg/L	EPA 8270C	3.2	5	WKL	
MO-SIM	2018/19-1	Wet	11/22/2018 1:35:00 AM	12/29/2018 1:21:00 AM	2-Chlorophenol	n/a	<	1.4	µg/L	EPA 625	1.4	5	WKL	

Appendix G
Laboratory Environmental Analysis Results

Site ID	Event	Event Type	Sample Date	Analysis Date	Constituent	Fraction	Sign	Result	Units	Method	MDL	Reporting Limit	Analyzing Laboratory	Qualifier
MO-SIM	2018/19-1	Wet	11/22/2018 1:35:00 AM	1/4/2019 7:59:00 AM	2-Methylnaphthalene	n/a	<	0.5	µg/L	EPA 8270C	0.5	0.5	WKL	
MO-SIM	2018/19-1	Wet	11/22/2018 1:35:00 AM	1/2/2019 9:59:00 PM	2-Methylphenol	n/a	<	1.7	µg/L	EPA 8270C	1.7	5	WKL	
MO-SIM	2018/19-1	Wet	11/22/2018 1:35:00 AM	1/2/2019 9:59:00 PM	2-Nitrophenol	n/a	<	3.6	µg/L	EPA 8270C	3.6	5	WKL	
MO-SIM	2018/19-1	Wet	11/22/2018 1:35:00 AM	12/29/2018 1:21:00 AM	2-Nitrophenol	n/a	<	1.3	µg/L	EPA 625	1.3	5	WKL	
MO-SIM	2018/19-1	Wet	11/22/2018 1:35:00 AM	12/29/2018 1:21:00 AM	3,3'-Dichlorobenzidine	n/a	<	6	µg/L	EPA 625	6	25	WKL	
MO-SIM	2018/19-1	Wet	11/22/2018 1:35:00 AM	1/2/2019 9:59:00 PM	3-/4-Methylphenol	n/a	<	1.5	µg/L	EPA 8270C	1.5	5	WKL	
MO-SIM	2018/19-1	Wet	11/22/2018 1:35:00 AM	1/2/2019 9:59:00 PM	4,6-Dinitro-2-methylphenol	n/a	<	0.7	µg/L	EPA 8270C	0.7	5	WKL	EST
MO-SIM	2018/19-1	Wet	11/22/2018 1:35:00 AM	12/29/2018 1:21:00 AM	4,6-Dinitro-2-methylphenol	n/a	<	8.6	µg/L	EPA 625	8.6	25	WKL	
MO-SIM	2018/19-1	Wet	11/22/2018 1:35:00 AM	12/29/2018 1:21:00 AM	4-Bromophenyl phenyl ether	n/a	<	1.8	µg/L	EPA 625	1.8	5	WKL	
MO-SIM	2018/19-1	Wet	11/22/2018 1:35:00 AM	12/29/2018 1:21:00 AM	4-Chloro-3-methylphenol	n/a	<	1.2	µg/L	EPA 625	1.2	5	WKL	
MO-SIM	2018/19-1	Wet	11/22/2018 1:35:00 AM	1/2/2019 9:59:00 PM	4-Chloro-3-methylphenol	n/a	<	1.8	µg/L	EPA 8270C	1.8	5	WKL	
MO-SIM	2018/19-1	Wet	11/22/2018 1:35:00 AM	12/29/2018 1:21:00 AM	4-Chlorophenyl phenyl ether	n/a	<	2	µg/L	EPA 625	2	5	WKL	
MO-SIM	2018/19-1	Wet	11/22/2018 1:35:00 AM	1/2/2019 9:59:00 PM	4-Nitrophenol	n/a	<	5	µg/L	EPA 8270C	5	10	WKL	EST
MO-SIM	2018/19-1	Wet	11/22/2018 1:35:00 AM	12/29/2018 1:21:00 AM	4-Nitrophenol	n/a	<	2.2	µg/L	EPA 625	2.2	25	WKL	
MO-SIM	2018/19-1	Wet	11/22/2018 1:35:00 AM	12/29/2018 1:21:00 AM	Acenaphthene	n/a	<	1.9	µg/L	EPA 625	1.9	5	WKL	
MO-SIM	2018/19-1	Wet	11/22/2018 1:35:00 AM	1/4/2019 7:59:00 AM	Acenaphthene	n/a	<	0.5	µg/L	EPA 8270C	0.5	0.5	WKL	
MO-SIM	2018/19-1	Wet	11/22/2018 1:35:00 AM	1/4/2019 7:59:00 AM	Acenaphthylene	n/a	<	0.5	µg/L	EPA 8270C	0.5	0.5	WKL	
MO-SIM	2018/19-1	Wet	11/22/2018 1:35:00 AM	12/29/2018 1:21:00 AM	Acenaphthylene	n/a	<	2	µg/L	EPA 625	2	5	WKL	
MO-SIM	2018/19-1	Wet	11/22/2018 1:35:00 AM	1/4/2019 7:59:00 AM	Anthracene	n/a	<	0.5	µg/L	EPA 8270C	0.5	0.5	WKL	
MO-SIM	2018/19-1	Wet	11/22/2018 1:35:00 AM	12/29/2018 1:21:00 AM	Anthracene	n/a	<	1.7	µg/L	EPA 625	1.7	5	WKL	
MO-SIM	2018/19-1	Wet	11/22/2018 1:35:00 AM	1/4/2019 7:59:00 AM	Benz(a)anthracene	n/a	<	0.5	µg/L	EPA 8270C	0.5	0.5	WKL	
MO-SIM	2018/19-1	Wet	11/22/2018 1:35:00 AM	12/29/2018 1:21:00 AM	Benz(a)anthracene	n/a	<	0.95	µg/L	EPA 625	0.95	5	WKL	
MO-SIM	2018/19-1	Wet	11/22/2018 1:35:00 AM	12/29/2018 1:21:00 AM	Benzidine	n/a	<	18	µg/L	EPA 625	18	50	WKL	
MO-SIM	2018/19-1	Wet	11/22/2018 1:35:00 AM	1/4/2019 7:59:00 AM	Benzo(a)pyrene	n/a	<	0.5	µg/L	EPA 8270C	0.5	0.5	WKL	
MO-SIM	2018/19-1	Wet	11/22/2018 1:35:00 AM	12/29/2018 1:21:00 AM	Benzo(a)pyrene	n/a	<	0.65	µg/L	EPA 625	0.65	5	WKL	
MO-SIM	2018/19-1	Wet	11/22/2018 1:35:00 AM	12/14/2018 6:32:00 AM	Benzo(a)pyrene	n/a	<	0.14	µg/L	EPA 525.2	0.14	0.2	WKL	
MO-SIM	2018/19-1	Wet	11/22/2018 1:35:00 AM	1/4/2019 7:59:00 AM	Benzo(b)fluoranthene	n/a	<	0.5	µg/L	EPA 8270C	0.5	0.5	WKL	
MO-SIM	2018/19-1	Wet	11/22/2018 1:35:00 AM	12/29/2018 1:21:00 AM	Benzo(b)fluoranthene	n/a	<	0.7	µg/L	EPA 625	0.7	5	WKL	
MO-SIM	2018/19-1	Wet	11/22/2018 1:35:00 AM	1/4/2019 7:59:00 AM	Benzo(g,h,i)perylene	n/a	<	0.5	µg/L	EPA 8270C	0.5	0.5	WKL	
MO-SIM	2018/19-1	Wet	11/22/2018 1:35:00 AM	12/29/2018 1:21:00 AM	Benzo(g,h,i)perylene	n/a	<	0.5	µg/L	EPA 625	0.5	10	WKL	
MO-SIM	2018/19-1	Wet	11/22/2018 1:35:00 AM	12/29/2018 1:21:00 AM	Benzo(k)fluoranthene	n/a	<	1.1	µg/L	EPA 625	1.1	5	WKL	
MO-SIM	2018/19-1	Wet	11/22/2018 1:35:00 AM	1/4/2019 7:59:00 AM	Benzo(k)fluoranthene	n/a	<	0.5	µg/L	EPA 8270C	0.5	0.5	WKL	
MO-SIM	2018/19-1	Wet	11/22/2018 1:35:00 AM	12/29/2018 1:21:00 AM	Bis(2-chloroethoxy)methane	n/a	<	1.2	µg/L	EPA 625	1.2	5	WKL	
MO-SIM	2018/19-1	Wet	11/22/2018 1:35:00 AM	12/29/2018 1:21:00 AM	Bis(2-chloroethyl)ether	n/a	<	1.4	µg/L	EPA 625	1.4	5	WKL	
MO-SIM	2018/19-1	Wet	11/22/2018 1:35:00 AM	12/29/2018 1:21:00 AM	Bis(2-chloroisopropyl)ether	n/a	<	1.9	µg/L	EPA 625	1.9	5	WKL	
MO-SIM	2018/19-1	Wet	11/22/2018 1:35:00 AM	12/14/2018 6:32:00 AM	Bis(2-ethylhexyl)adipate	n/a	<	0.21	µg/L	EPA 525.2	0.21	10	WKL	
MO-SIM	2018/19-1	Wet	11/22/2018 1:35:00 AM	12/29/2018 1:21:00 AM	Bis(2-ethylhexyl)phthalate	n/a	=	110	µg/L	EPA 625	12	25	WKL	
MO-SIM	2018/19-1	Wet	11/22/2018 1:35:00 AM	12/14/2018 6:32:00 AM	Bis(2-ethylhexyl)phthalate	n/a	<	2.1	µg/L	EPA 525.2	2.1	6	WKL	
MO-SIM	2018/19-1	Wet	11/22/2018 1:35:00 AM	12/29/2018 1:21:00 AM	Butyl benzyl phthalate	n/a	<	0.9	µg/L	EPA 625	0.9	5	WKL	
MO-SIM	2018/19-1	Wet	11/22/2018 1:35:00 AM	12/29/2018 1:21:00 AM	Chrysene	n/a	<	0.95	µg/L	EPA 625	0.95	5	WKL	
MO-SIM	2018/19-1	Wet	11/22/2018 1:35:00 AM	1/4/2019 7:59:00 AM	Chrysene	n/a	<	0.5	µg/L	EPA 8270C	0.5	0.5	WKL	
MO-SIM	2018/19-1	Wet	11/22/2018 1:35:00 AM	1/4/2019 7:59:00 AM	Dibenz(a,h)anthracene	n/a	<	0.5	µg/L	EPA 8270C	0.5	0.5	WKL	
MO-SIM	2018/19-1	Wet	11/22/2018 1:35:00 AM	12/29/2018 1:21:00 AM	Dibenz(a,h)anthracene	n/a	<	0.4	µg/L	EPA 625	0.4	10	WKL	
MO-SIM	2018/19-1	Wet	11/22/2018 1:35:00 AM	12/29/2018 1:21:00 AM	Diethyl phthalate	n/a	<	0.75	µg/L	EPA 625	0.75	5	WKL	
MO-SIM	2018/19-1	Wet	11/22/2018 1:35:00 AM	12/29/2018 1:21:00 AM	Dimethyl phthalate	n/a	<	0.9	µg/L	EPA 625	0.9	5	WKL	
MO-SIM	2018/19-1	Wet	11/22/2018 1:35:00 AM	12/29/2018 1:21:00 AM	Di-n-butylphthalate	n/a	<	1.2	µg/L	EPA 625	1.2	5	WKL	
MO-SIM	2018/19-1	Wet	11/22/2018 1:35:00 AM	12/29/2018 1:21:00 AM	Di-n-octylphthalate	n/a	<	0.95	µg/L	EPA 625	0.95	5	WKL	
MO-SIM	2018/19-1	Wet	11/22/2018 1:35:00 AM	12/29/2018 1:21:00 AM	Fluoranthene	n/a	<	1.1	µg/L	EPA 625	1.1	5	WKL	

Appendix G
Laboratory Environmental Analysis Results

Site ID	Event	Event Type	Sample Date	Analysis Date	Constituent	Fraction	Sign	Result	Units	Method	MDL	Reporting Limit	Analyzing Laboratory	Qualifier
MO-SIM	2018/19-1	Wet	11/22/2018 1:35:00 AM	1/4/2019 7:59:00 AM	Fluoranthene	n/a	<	0.5	µg/L	EPA 8270C	0.5	0.5	WKL	
MO-SIM	2018/19-1	Wet	11/22/2018 1:35:00 AM	12/29/2018 1:21:00 AM	Fluorene	n/a	<	1.8	µg/L	EPA 625	1.8	5	WKL	
MO-SIM	2018/19-1	Wet	11/22/2018 1:35:00 AM	1/4/2019 7:59:00 AM	Fluorene	n/a	<	0.5	µg/L	EPA 8270C	0.5	0.5	WKL	
MO-SIM	2018/19-1	Wet	11/22/2018 1:35:00 AM	12/29/2018 1:21:00 AM	Hexachlorobenzene	n/a	<	2.4	µg/L	EPA 625	2.4	5	WKL	
MO-SIM	2018/19-1	Wet	11/22/2018 1:35:00 AM	12/29/2018 1:21:00 AM	Hexachlorobutadiene	n/a	<	2.4	µg/L	EPA 625	2.4	5	WKL	
MO-SIM	2018/19-1	Wet	11/22/2018 1:35:00 AM	12/29/2018 1:21:00 AM	Hexachlorocyclopentadiene	n/a	<	7.3	µg/L	EPA 625	7.3	25	WKL	
MO-SIM	2018/19-1	Wet	11/22/2018 1:35:00 AM	12/29/2018 1:21:00 AM	Hexachloroethane	n/a	<	2.6	µg/L	EPA 625	2.6	5	WKL	
MO-SIM	2018/19-1	Wet	11/22/2018 1:35:00 AM	1/4/2019 7:59:00 AM	Indeno(1,2,3-cd)pyrene	n/a	<	0.5	µg/L	EPA 8270C	0.5	0.5	WKL	
MO-SIM	2018/19-1	Wet	11/22/2018 1:35:00 AM	12/29/2018 1:21:00 AM	Indeno(1,2,3-cd)pyrene	n/a	<	0.6	µg/L	EPA 625	0.6	10	WKL	
MO-SIM	2018/19-1	Wet	11/22/2018 1:35:00 AM	12/29/2018 1:21:00 AM	Isophorone	n/a	<	1	µg/L	EPA 625	1	5	WKL	
MO-SIM	2018/19-1	Wet	11/22/2018 1:35:00 AM	1/4/2019 7:59:00 AM	Naphthalene	n/a	<	0.5	µg/L	EPA 8270C	0.5	0.5	WKL	
MO-SIM	2018/19-1	Wet	11/22/2018 1:35:00 AM	12/29/2018 1:21:00 AM	Naphthalene	n/a	<	2.4	µg/L	EPA 625	2.4	5	WKL	
MO-SIM	2018/19-1	Wet	11/22/2018 1:35:00 AM	12/29/2018 1:21:00 AM	Nitrobenzene	n/a	<	1.8	µg/L	EPA 625	1.8	5	WKL	
MO-SIM	2018/19-1	Wet	11/22/2018 1:35:00 AM	12/29/2018 1:21:00 AM	N-Nitrosodimethylamine	n/a	<	0.7	µg/L	EPA 625	0.7	5	WKL	
MO-SIM	2018/19-1	Wet	11/22/2018 1:35:00 AM	12/29/2018 1:21:00 AM	N-Nitrosodi-N-propylamine	n/a	<	1.3	µg/L	EPA 625	1.3	5	WKL	
MO-SIM	2018/19-1	Wet	11/22/2018 1:35:00 AM	12/29/2018 1:21:00 AM	N-Nitrosodiphenylamine	n/a	<	0.95	µg/L	EPA 625	0.95	5	WKL	
MO-SIM	2018/19-1	Wet	11/22/2018 1:35:00 AM	12/29/2018 1:21:00 AM	Phenanthrene	n/a	<	1.6	µg/L	EPA 625	1.6	5	WKL	
MO-SIM	2018/19-1	Wet	11/22/2018 1:35:00 AM	1/4/2019 7:59:00 AM	Phenanthrene	n/a	<	0.5	µg/L	EPA 8270C	0.5	0.5	WKL	
MO-SIM	2018/19-1	Wet	11/22/2018 1:35:00 AM	12/29/2018 1:21:00 AM	Phenol	n/a	DNQ	0.89	µg/L	EPA 625	0.8	5	WKL	
MO-SIM	2018/19-1	Wet	11/22/2018 1:35:00 AM	1/2/2019 9:59:00 PM	Phenol	n/a	<	1.8	µg/L	EPA 8270C	1.8	5	WKL	
MO-SIM	2018/19-1	Wet	11/22/2018 1:35:00 AM	12/29/2018 1:21:00 AM	Pyrene	n/a	<	1.2	µg/L	EPA 625	1.2	5	WKL	
MO-SIM	2018/19-1	Wet	11/22/2018 1:35:00 AM	1/4/2019 7:59:00 AM	Pyrene	n/a	<	0.5	µg/L	EPA 8270C	0.5	0.5	WKL	
MO-SIM	2018/19-1	Wet	11/22/2018 1:35:00 AM	12/20/2018 7:17:00 AM	PCB Aroclor 1016	n/a	<	1	µg/L	EPA 608	1	10	WKL	
MO-SIM	2018/19-1	Wet	11/22/2018 1:35:00 AM	12/20/2018 7:17:00 AM	PCB Aroclor 1221	n/a	<	1.2	µg/L	EPA 608	1.2	10	WKL	
MO-SIM	2018/19-1	Wet	11/22/2018 1:35:00 AM	12/20/2018 7:17:00 AM	PCB Aroclor 1232	n/a	<	3	µg/L	EPA 608	3	10	WKL	
MO-SIM	2018/19-1	Wet	11/22/2018 1:35:00 AM	12/20/2018 7:17:00 AM	PCB Aroclor 1242	n/a	<	1.4	µg/L	EPA 608	1.4	10	WKL	
MO-SIM	2018/19-1	Wet	11/22/2018 1:35:00 AM	12/20/2018 7:17:00 AM	PCB Aroclor 1248	n/a	<	1.2	µg/L	EPA 608	1.2	10	WKL	
MO-SIM	2018/19-1	Wet	11/22/2018 1:35:00 AM	12/20/2018 7:17:00 AM	PCB Aroclor 1254	n/a	<	0.8	µg/L	EPA 608	0.8	10	WKL	
MO-SIM	2018/19-1	Wet	11/22/2018 1:35:00 AM	12/20/2018 7:17:00 AM	PCB Aroclor 1260	n/a	<	0.8	µg/L	EPA 608	0.8	10	WKL	
MO-SIM	2018/19-1	Wet	11/22/2018 1:35:00 AM	12/15/2018 7:37:00 AM	2,4,5-T	n/a	<	0.07	µg/L	EPA 515.3	0.07	0.2	WKL	
MO-SIM	2018/19-1	Wet	11/22/2018 1:35:00 AM	12/15/2018 7:37:00 AM	2,4,5-TP	n/a	<	0.09	µg/L	EPA 515.3	0.09	0.2	WKL	
MO-SIM	2018/19-1	Wet	11/22/2018 1:35:00 AM	12/15/2018 7:37:00 AM	2,4-D	n/a	<	0.07	µg/L	EPA 515.3	0.07	0.4	WKL	
MO-SIM	2018/19-1	Wet	11/22/2018 1:35:00 AM	12/15/2018 7:37:00 AM	2,4-DB	n/a	<	4	µg/L	EPA 515.3	4	4	WKL	
MO-SIM	2018/19-1	Wet	11/22/2018 1:35:00 AM	12/15/2018 7:37:00 AM	3,5-Dichlorobenzoic acid	n/a	<	0.09	µg/L	EPA 515.3	0.09	1	WKL	
MO-SIM	2018/19-1	Wet	11/22/2018 1:35:00 AM	12/20/2018 7:17:00 AM	4,4'-DDE	n/a	<	0.06	µg/L	EPA 608	0.06	1	WKL	
MO-SIM	2018/19-1	Wet	11/22/2018 1:35:00 AM	12/20/2018 7:17:00 AM	4,4'-DDE	n/a	<	0.05	µg/L	EPA 608	0.05	1	WKL	
MO-SIM	2018/19-1	Wet	11/22/2018 1:35:00 AM	12/20/2018 7:17:00 AM	4,4'-DDT	n/a	<	0.062	µg/L	EPA 608	0.062	0.2	WKL	
MO-SIM	2018/19-1	Wet	11/22/2018 1:35:00 AM	12/15/2018 7:37:00 AM	Acifluorfen	n/a	<	0.06	µg/L	EPA 515.3	0.06	0.4	WKL	
MO-SIM	2018/19-1	Wet	11/22/2018 1:35:00 AM	12/14/2018 6:32:00 AM	Alachlor	n/a	<	0.044	µg/L	EPA 525.2	0.044	0.2	WKL	
MO-SIM	2018/19-1	Wet	11/22/2018 1:35:00 AM	12/20/2018 7:17:00 AM	Aldrin	n/a	<	0.03	µg/L	EPA 608	0.03	0.1	WKL	
MO-SIM	2018/19-1	Wet	11/22/2018 1:35:00 AM	12/20/2018 7:17:00 AM	alpha-BHC	n/a	<	0.036	µg/L	EPA 608	0.036	0.2	WKL	
MO-SIM	2018/19-1	Wet	11/22/2018 1:35:00 AM	12/20/2018 7:17:00 AM	alpha-Chlordane	n/a	<	0.082	µg/L	EPA 608	0.082	0.2	WKL	
MO-SIM	2018/19-1	Wet	11/22/2018 1:35:00 AM	12/14/2018 6:32:00 AM	Atrazine	n/a	<	0.068	µg/L	EPA 525.2	0.068	0.2	WKL	
MO-SIM	2018/19-1	Wet	11/22/2018 1:35:00 AM	12/12/2018 8:09:00 AM	Azinphos methyl	n/a	<	0.028	µg/L	EPA 525.2m	0.028	0.05	WKL	
MO-SIM	2018/19-1	Wet	11/22/2018 1:35:00 AM	12/15/2018 7:37:00 AM	Bentazon	n/a	<	0.11	µg/L	EPA 515.3	0.11	2	WKL	
MO-SIM	2018/19-1	Wet	11/22/2018 1:35:00 AM	12/20/2018 7:17:00 AM	beta-BHC	n/a	<	0.062	µg/L	EPA 608	0.062	0.1	WKL	
MO-SIM	2018/19-1	Wet	11/22/2018 1:35:00 AM	12/12/2018 8:09:00 AM	Bolstar	n/a	<	0.023	µg/L	EPA 525.2m	0.023	0.05	WKL	
MO-SIM	2018/19-1	Wet	11/22/2018 1:35:00 AM	12/14/2018 6:32:00 AM	Bromacil	n/a	<	0.076	µg/L	EPA 525.2	0.076	2	WKL	

Appendix G
Laboratory Environmental Analysis Results

Site ID	Event	Event Type	Sample Date	Analysis Date	Constituent	Fraction	Sign	Result	Units	Method	MDL	Reporting Limit	Analyzing Laboratory	Qualifier
MO-SIM	2018/19-1	Wet	11/22/2018 1:35:00 AM	12/14/2018 6:32:00 AM	Butachlor	n/a	<	0.034	µg/L	EPA 525.2	0.034	0.4	WKL	
MO-SIM	2018/19-1	Wet	11/22/2018 1:35:00 AM	12/14/2018 6:32:00 AM	Captan	n/a	<	1.7	µg/L	EPA 525.2	1.7	2	WKL	
MO-SIM	2018/19-1	Wet	11/22/2018 1:35:00 AM	12/20/2018 7:17:00 AM	Chlordane (technical)	n/a	<	1.6	µg/L	EPA 608	1.6	2	WKL	
MO-SIM	2018/19-1	Wet	11/22/2018 1:35:00 AM	12/14/2018 6:32:00 AM	Chloropropham	n/a	<	0.02	µg/L	EPA 525.2	0.02	0.2	WKL	
MO-SIM	2018/19-1	Wet	11/22/2018 1:35:00 AM	12/12/2018 8:09:00 AM	Chlorpyrifos	n/a	<	0.034	µg/L	EPA 525.2m	0.034	0.05	WKL	
MO-SIM	2018/19-1	Wet	11/22/2018 1:35:00 AM	12/12/2018 8:09:00 AM	Coumaphos	n/a	<	0.026	µg/L	EPA 525.2m	0.026	0.05	WKL	
MO-SIM	2018/19-1	Wet	11/22/2018 1:35:00 AM	12/14/2018 6:32:00 AM	Cyanazine	n/a	<	0.048	µg/L	EPA 525.2	0.048	0.2	WKL	
MO-SIM	2018/19-1	Wet	11/22/2018 1:35:00 AM	12/15/2018 7:37:00 AM	Dalapon	n/a	<	0.1	µg/L	EPA 515.3	0.1	0.4	WKL	
MO-SIM	2018/19-1	Wet	11/22/2018 1:35:00 AM	12/15/2018 7:37:00 AM	DCPA (Dacthal)	n/a	<	0.07	µg/L	EPA 515.3	0.07	0.1	WKL	
MO-SIM	2018/19-1	Wet	11/22/2018 1:35:00 AM	12/20/2018 7:17:00 AM	delta-BHC	n/a	<	0.05	µg/L	EPA 608	0.05	0.1	WKL	
MO-SIM	2018/19-1	Wet	11/22/2018 1:35:00 AM	12/12/2018 8:09:00 AM	Demeton-O	n/a	<	0.05	µg/L	EPA 525.2m	0.05	0.05	WKL	
MO-SIM	2018/19-1	Wet	11/22/2018 1:35:00 AM	12/12/2018 8:09:00 AM	Demeton-S	n/a	<	0.05	µg/L	EPA 525.2m	0.05	0.05	WKL	
MO-SIM	2018/19-1	Wet	11/22/2018 1:35:00 AM	12/14/2018 6:32:00 AM	Diazinon	n/a	<	0.19	µg/L	EPA 525.2	0.19	0.2	WKL	
MO-SIM	2018/19-1	Wet	11/22/2018 1:35:00 AM	12/12/2018 8:09:00 AM	Diazinon	n/a	<	0.026	µg/L	EPA 525.2m	0.026	0.05	WKL	
MO-SIM	2018/19-1	Wet	11/22/2018 1:35:00 AM	12/15/2018 7:37:00 AM	Dicamba	n/a	=	1.2	µg/L	EPA 515.3	0.12	0.6	WKL	
MO-SIM	2018/19-1	Wet	11/22/2018 1:35:00 AM	12/15/2018 7:37:00 AM	Dichlorprop	n/a	<	0.08	µg/L	EPA 515.3	0.08	0.3	WKL	
MO-SIM	2018/19-1	Wet	11/22/2018 1:35:00 AM	12/12/2018 8:09:00 AM	Dichlorvos	n/a	<	0.014	µg/L	EPA 525.2m	0.014	0.05	WKL	
MO-SIM	2018/19-1	Wet	11/22/2018 1:35:00 AM	12/20/2018 7:17:00 AM	Dieldrin	n/a	<	0.042	µg/L	EPA 608	0.042	0.2	WKL	
MO-SIM	2018/19-1	Wet	11/22/2018 1:35:00 AM	12/12/2018 8:09:00 AM	Dimethoate	n/a	<	0.031	µg/L	EPA 525.2m	0.031	0.05	WKL	
MO-SIM	2018/19-1	Wet	11/22/2018 1:35:00 AM	12/14/2018 6:32:00 AM	Dimethoate	n/a	<	0.048	µg/L	EPA 525.2	0.048	0.4	WKL	
MO-SIM	2018/19-1	Wet	11/22/2018 1:35:00 AM	12/15/2018 7:37:00 AM	Dinoseb	n/a	<	0.14	µg/L	EPA 515.3	0.14	0.4	WKL	
MO-SIM	2018/19-1	Wet	11/22/2018 1:35:00 AM	12/14/2018 6:32:00 AM	Diphenamid	n/a	<	0.048	µg/L	EPA 525.2	0.048	0.2	WKL	
MO-SIM	2018/19-1	Wet	11/22/2018 1:35:00 AM	12/12/2018 8:09:00 AM	Disulfoton	n/a	<	0.05	µg/L	EPA 525.2m	0.05	0.05	WKL	
MO-SIM	2018/19-1	Wet	11/22/2018 1:35:00 AM	12/14/2018 6:32:00 AM	Disulfoton	n/a	<	0.062	µg/L	EPA 525.2	0.062	0.2	WKL	
MO-SIM	2018/19-1	Wet	11/22/2018 1:35:00 AM	12/20/2018 7:17:00 AM	Endosulfan I	n/a	<	0.034	µg/L	EPA 608	0.034	0.4	WKL	
MO-SIM	2018/19-1	Wet	11/22/2018 1:35:00 AM	12/20/2018 7:17:00 AM	Endosulfan II	n/a	<	0.038	µg/L	EPA 608	0.038	0.2	WKL	
MO-SIM	2018/19-1	Wet	11/22/2018 1:35:00 AM	12/20/2018 7:17:00 AM	Endosulfan sulfate	n/a	<	0.16	µg/L	EPA 608	0.16	1	WKL	
MO-SIM	2018/19-1	Wet	11/22/2018 1:35:00 AM	12/20/2018 7:17:00 AM	Endrin	n/a	<	0.056	µg/L	EPA 608	0.056	0.2	WKL	
MO-SIM	2018/19-1	Wet	11/22/2018 1:35:00 AM	12/20/2018 7:17:00 AM	Endrin aldehyde	n/a	<	0.06	µg/L	EPA 608	0.06	0.2	WKL	
MO-SIM	2018/19-1	Wet	11/22/2018 1:35:00 AM	12/14/2018 6:32:00 AM	EPTC	n/a	<	0.034	µg/L	EPA 525.2	0.034	2	WKL	
MO-SIM	2018/19-1	Wet	11/22/2018 1:35:00 AM	12/12/2018 8:09:00 AM	Ethoprop	n/a	<	0.034	µg/L	EPA 525.2m	0.034	0.05	WKL	
MO-SIM	2018/19-1	Wet	11/22/2018 1:35:00 AM	12/12/2018 8:09:00 AM	Ethyl parathion	n/a	<	0.027	µg/L	EPA 525.2m	0.027	0.05	WKL	
MO-SIM	2018/19-1	Wet	11/22/2018 1:35:00 AM	12/12/2018 8:09:00 AM	Fensulfothion	n/a	<	0.014	µg/L	EPA 525.2m	0.014	0.05	WKL	
MO-SIM	2018/19-1	Wet	11/22/2018 1:35:00 AM	12/12/2018 8:09:00 AM	Fenthion	n/a	<	0.019	µg/L	EPA 525.2m	0.019	0.05	WKL	
MO-SIM	2018/19-1	Wet	11/22/2018 1:35:00 AM	12/20/2018 7:17:00 AM	gamma-BHC (Lindane)	n/a	<	0.042	µg/L	EPA 608	0.042	0.4	WKL	
MO-SIM	2018/19-1	Wet	11/22/2018 1:35:00 AM	12/20/2018 7:17:00 AM	gamma-Chlordane	n/a	<	0.088	µg/L	EPA 608	0.088	0.2	WKL	
MO-SIM	2018/19-1	Wet	11/22/2018 1:35:00 AM	11/29/2018 1:04:00 AM	Glyphosate	n/a	DNQ	45	µg/L	EPA 547	18	50	WKL	
MO-SIM	2018/19-1	Wet	11/22/2018 1:35:00 AM	12/20/2018 7:17:00 AM	Heptachlor	n/a	<	0.034	µg/L	EPA 608	0.034	0.2	WKL	
MO-SIM	2018/19-1	Wet	11/22/2018 1:35:00 AM	12/20/2018 7:17:00 AM	Heptachlor epoxide	n/a	<	0.038	µg/L	EPA 608	0.038	0.2	WKL	
MO-SIM	2018/19-1	Wet	11/22/2018 1:35:00 AM	12/12/2018 8:09:00 AM	Malathion	n/a	<	0.038	µg/L	EPA 525.2m	0.038	0.05	WKL	
MO-SIM	2018/19-1	Wet	11/22/2018 1:35:00 AM	12/12/2018 8:09:00 AM	Merphos	n/a	<	0.029	µg/L	EPA 525.2m	0.029	0.05	WKL	
MO-SIM	2018/19-1	Wet	11/22/2018 1:35:00 AM	12/20/2018 7:17:00 AM	Methoxychlor	n/a	<	0.11	µg/L	EPA 608	0.11	0.4	WKL	
MO-SIM	2018/19-1	Wet	11/22/2018 1:35:00 AM	12/12/2018 8:09:00 AM	Methyl parathion	n/a	<	0.032	µg/L	EPA 525.2m	0.032	0.05	WKL	
MO-SIM	2018/19-1	Wet	11/22/2018 1:35:00 AM	12/14/2018 6:32:00 AM	Metolachlor	n/a	<	0.024	µg/L	EPA 525.2	0.024	0.2	WKL	
MO-SIM	2018/19-1	Wet	11/22/2018 1:35:00 AM	12/14/2018 6:32:00 AM	Metribuzin	n/a	<	0.03	µg/L	EPA 525.2	0.03	0.2	WKL	
MO-SIM	2018/19-1	Wet	11/22/2018 1:35:00 AM	12/12/2018 8:09:00 AM	Mevinphos	n/a	<	0.021	µg/L	EPA 525.2m	0.021	0.05	WKL	
MO-SIM	2018/19-1	Wet	11/22/2018 1:35:00 AM	12/14/2018 6:32:00 AM	Molinate	n/a	<	0.078	µg/L	EPA 525.2	0.078	0.2	WKL	
MO-SIM	2018/19-1	Wet	11/22/2018 1:35:00 AM	12/12/2018 8:09:00 AM	Naled	n/a	<	0.038	µg/L	EPA 525.2m	0.038	0.05	WKL	

Appendix G
Laboratory Environmental Analysis Results

Site ID	Event	Event Type	Sample Date	Analysis Date	Constituent	Fraction	Sign	Result	Units	Method	MDL	Reporting Limit	Analyzing Laboratory	Qualifier
MO-SIM	2018/19-1	Wet	11/22/2018 1:35:00 AM	12/15/2018 7:37:00 AM	Pentachlorophenol	n/a	DNQ	0.13	µg/L	EPA 515.3	0.04	0.2	WKL	
MO-SIM	2018/19-1	Wet	11/22/2018 1:35:00 AM	12/29/2018 1:21:00 AM	Pentachlorophenol	n/a	DNQ	2.6	µg/L	EPA 625	0.95	5	WKL	
MO-SIM	2018/19-1	Wet	11/22/2018 1:35:00 AM	1/2/2019 9:59:00 PM	Pentachlorophenol	n/a	DNQ	4.5	µg/L	EPA 8270C	0.75	5	WKL	EST
MO-SIM	2018/19-1	Wet	11/22/2018 1:35:00 AM	12/12/2018 8:09:00 AM	Phorate	n/a	<	0.015	µg/L	EPA 525.2m	0.015	0.05	WKL	
MO-SIM	2018/19-1	Wet	11/22/2018 1:35:00 AM	12/15/2018 7:37:00 AM	Picloram	n/a	<	0.05	µg/L	EPA 515.3	0.05	0.6	WKL	
MO-SIM	2018/19-1	Wet	11/22/2018 1:35:00 AM	12/14/2018 6:32:00 AM	Prometon	n/a	<	0.048	µg/L	EPA 525.2	0.048	0.4	WKL	
MO-SIM	2018/19-1	Wet	11/22/2018 1:35:00 AM	12/14/2018 6:32:00 AM	Prometryn	n/a	<	0.072	µg/L	EPA 525.2	0.072	0.2	WKL	
MO-SIM	2018/19-1	Wet	11/22/2018 1:35:00 AM	12/12/2018 8:09:00 AM	Ronnel (Fenchlorphos)	n/a	<	0.02	µg/L	EPA 525.2m	0.02	0.05	WKL	
MO-SIM	2018/19-1	Wet	11/22/2018 1:35:00 AM	12/14/2018 6:32:00 AM	Simazine	n/a	<	0.03	µg/L	EPA 525.2	0.03	0.2	WKL	
MO-SIM	2018/19-1	Wet	11/22/2018 1:35:00 AM	12/12/2018 8:09:00 AM	Stirophos (Tetrachlorvinphos)	n/a	<	0.016	µg/L	EPA 525.2m	0.016	0.05	WKL	
MO-SIM	2018/19-1	Wet	11/22/2018 1:35:00 AM	12/14/2018 6:32:00 AM	Terbacil	n/a	<	1.1	µg/L	EPA 525.2	1.1	4	WKL	
MO-SIM	2018/19-1	Wet	11/22/2018 1:35:00 AM	12/14/2018 6:32:00 AM	Thiobencarb	n/a	<	0.05	µg/L	EPA 525.2	0.05	0.4	WKL	
MO-SIM	2018/19-1	Wet	11/22/2018 1:35:00 AM	12/12/2018 8:09:00 AM	Toxothion	n/a	<	0.039	µg/L	EPA 525.2m	0.039	0.05	WKL	
MO-SIM	2018/19-1	Wet	11/22/2018 1:35:00 AM	12/20/2018 7:17:00 AM	Toxaphene	n/a	<	2.4	µg/L	EPA 608	2.4	10	WKL	
MO-SIM	2018/19-1	Wet	11/22/2018 1:35:00 AM	12/12/2018 8:09:00 AM	Trichloronate	n/a	<	0.034	µg/L	EPA 525.2m	0.034	0.05	WKL	
MO-SIM	2018/19-1	Wet	11/22/2018 1:35:00 AM	12/14/2018 6:32:00 AM	Trithion	n/a	<	0.024	µg/L	EPA 525.2	0.024	0.2	WKL	
MO-SIM	2018/19-2	Wet	11/29/2018 1:45:00 AM	11/30/2018 3:50:00 AM	E. Coli	n/a	=	14136	MPN/100 mL	MMO-MUG	10	10	VCHCA	
MO-SIM	2018/19-2	Wet	11/29/2018 1:45:00 AM	11/30/2018 3:50:00 AM	Total Coliform	n/a	=	613100	MPN/100 mL	MMO-MUG	1000	1000	VCHCA	
MO-SIM	2018/19-2	Wet	11/29/2018 1:45:00 AM	11/29/2018 1:45:00 AM	Conductivity	n/a	=	979	µmhos/cm	Field Meter	-88	1	Field Crew	
MO-SIM	2018/19-2	Wet	11/29/2018 1:45:00 AM	12/11/2018 8:10:00 PM	Cyanide	Total	DNQ	0.0011	mg/L	ASTM D7511	0.0005	0.002	WKL	
MO-SIM	2018/19-2	Wet	11/29/2018 1:45:00 AM	11/29/2018 1:45:00 AM	DO	n/a	=	7.8	mg/L	Field Meter	-88	0.3	Field Crew	
MO-SIM	2018/19-2	Wet	11/29/2018 1:45:00 AM	11/29/2018 1:45:00 AM	DO	n/a	=	81.2	%	Field Meter	-88	0.1	Field Crew	
MO-SIM	2018/19-2	Wet	11/29/2018 1:45:00 AM	11/29/2018 1:45:00 AM	pH	n/a	=	7.66	pH Units	Field Meter	-88	0.01	Field Crew	
MO-SIM	2018/19-2	Wet	11/29/2018 1:45:00 AM	11/29/2018 1:45:00 AM	Salinity	n/a	=	600	mg/L	Field Meter	-88	100	Field Crew	
MO-SIM	2018/19-2	Wet	11/29/2018 1:45:00 AM	11/29/2018 1:45:00 AM	Specific Conductance	n/a	=	1164	µmhos/cm	Field Meter	-88	1	Field Crew	
MO-SIM	2018/19-2	Wet	11/29/2018 1:45:00 AM	11/29/2018 1:45:00 AM	Temperature	n/a	=	16.5	°C	Field Meter	-88	0.1	Field Crew	
MO-SIM	2018/19-2	Wet	11/29/2018 1:45:00 AM	12/1/2018 10:34:00 AM	Gasoline Range Organics	n/a	<	0.012	mg/L	LUFT GC/MS	0.012	0.1	WKL	
MO-SIM	2018/19-2	Wet	11/29/2018 1:45:00 AM	12/14/2018 4:48:00 PM	Oil and Grease	n/a	<	1.3	mg/L	EPA 1664A	1.3	5	WKL	
MO-SIM	2018/19-2	Wet	11/29/2018 1:45:00 AM	12/3/2018 8:08:00 PM	2-Chloroethyl vinyl ether	n/a	<	0.28	µg/L	EPA 624	0.28	1	WKL	
MO-SIM	2018/19-2	Wet	11/29/2018 1:45:00 AM	12/3/2018 8:08:00 PM	Methyl tert-butyl ether (MTBE)	n/a	<	0.25	µg/L	EPA 624	0.25	1	WKL	
MO-SIM	2018/19-2	Wet	11/30/2018 5:30:00 AM	12/4/2018	Chloride	n/a	=	30	mg/L	EPA 300.0	0.1	0.5	WKL	
MO-SIM	2018/19-2	Wet	11/30/2018 5:30:00 AM	12/4/2018	Fluoride	n/a	=	0.15	mg/L	EPA 300.0	0.02	0.1	WKL	
MO-SIM	2018/19-2	Wet	11/30/2018 5:30:00 AM	12/2/2018 6:25:00 AM	Perchlorate	n/a	<	0.95	µg/L	EPA 314.0	0.95	2	WKL	
MO-SIM	2018/19-2	Wet	11/30/2018 5:30:00 AM	12/4/2018	Sulfate	Total	=	140	mg/L	EPA 300.0	0.1	0.5	WKL	
MO-SIM	2018/19-2	Wet	11/30/2018 5:30:00 AM	12/11/2018 1:12:00 PM	Calcium	Total	=	69.5	mg/L	EPA 200.7	0.016	0.1	WKL	
MO-SIM	2018/19-2	Wet	11/30/2018 5:30:00 AM	12/11/2018 1:12:00 PM	Magnesium	Total	=	18.5	mg/L	EPA 200.7	0.012	0.1	WKL	
MO-SIM	2018/19-2	Wet	11/30/2018 5:30:00 AM	12/11/2018 1:12:00 PM	Potassium	Total	=	7	mg/L	EPA 200.7	0.081	0.1	WKL	
MO-SIM	2018/19-2	Wet	11/30/2018 5:30:00 AM	12/11/2018 1:12:00 PM	Sodium	Total	=	32	mg/L	EPA 200.7	0.015	0.5	WKL	
MO-SIM	2018/19-2	Wet	11/30/2018 5:30:00 AM	12/11/2018 12:20:00 PM	Alkalinity as CaCO3	n/a	=	95	mg/L	SM 2320 B	0.56	2	WKL	
MO-SIM	2018/19-2	Wet	11/30/2018 5:30:00 AM	12/6/2018 2:26:00 PM	BOD	n/a	=	6.8	mg/L	SM 5210 B	2	2	WKL	
MO-SIM	2018/19-2	Wet	11/30/2018 5:30:00 AM	12/5/2018 4:19:00 PM	COD	n/a	=	120	mg/L	EPA 410.4	0.73	5	WKL	
MO-SIM	2018/19-2	Wet	11/30/2018 5:30:00 AM	12/20/2018 9:28:00 AM	Dissolved Inorganic Carbon	Dissolved	=	18	mg/L	SM 5310 B	0.016	0.5	WKL	
MO-SIM	2018/19-2	Wet	11/30/2018 5:30:00 AM	12/18/2018 1:32:00 PM	Dissolved Inorganic Carbon	Dissolved	=	10	mg/L	SM 5310 B	0.013	0.3	WKL	
MO-SIM	2018/19-2	Wet	11/30/2018 5:30:00 AM	12/11/2018 1:12:00 PM	Hardness as CaCO3	Total	=	250	mg/L	EPA 200.7	0.0894	0.662	WKL	
MO-SIM	2018/19-2	Wet	11/30/2018 5:30:00 AM	12/1/2018 7:40:00 PM	MBAS	n/a	DNQ	0.045	mg/L	SM 5540 C	0.019	0.05	WKL	
MO-SIM	2018/19-2	Wet	11/30/2018 5:30:00 AM	12/19/2018 5:56:00 PM	Phenolics	n/a	=	0.013	mg/L	EPA 420.4	0.0042	0.01	WKL	
MO-SIM	2018/19-2	Wet	11/30/2018 5:30:00 AM	12/12/2018 5:17:00 PM	Specific Conductance	n/a	=	560	µmhos/cm	SM 2510 B	0.23	2	WKL	
MO-SIM	2018/19-2	Wet	11/30/2018 5:30:00 AM	12/1/2018 10:20:00 PM	Total Chlorine Residual	n/a	DNQ	0.027	mg/L	SM 4500-Cl G	0.0015	0.05	WKL	EST-HT

Appendix G
Laboratory Environmental Analysis Results

Site ID	Event	Event Type	Sample Date	Analysis Date	Constituent	Fraction	Sign	Result	Units	Method	MDL	Reporting Limit	Analyzing Laboratory	Qualifier
MO-SIM	2018/19-2	Wet	11/30/2018 5:30:00 AM	12/6/2018 5:33:00 PM	Total Dissolved Solids	n/a	=	310	mg/L	SM 2540 C	4	10	WKL	
MO-SIM	2018/19-2	Wet	11/30/2018 5:30:00 AM	12/10/2018 8:52:00 AM	Total Organic Carbon	n/a	=	13	mg/L	SM 5310 B	0.009	0.3	WKL	
MO-SIM	2018/19-2	Wet	11/30/2018 5:30:00 AM	12/6/2018 8:30:00 PM	Total Suspended Solids	n/a	=	600	mg/L	SM 2540 D	-88	5	WKL	
MO-SIM	2018/19-2	Wet	11/30/2018 5:30:00 AM	11/30/2018 5:37:00 PM	Turbidity	n/a	=	150	NTU	EPA 180.1	0.48	2	WKL	
MO-SIM	2018/19-2	Wet	11/30/2018 5:30:00 AM	12/6/2018 8:30:00 PM	Volatile Suspended Solids	n/a	=	95	mg/L	EPA 160.4	3.1	5	WKL	
MO-SIM	2018/19-2	Wet	11/30/2018 5:30:00 AM	12/19/2018 2:39:00 AM	Diesel Range Organics	n/a	=	0.2	mg/L	EPA 8015D	0.048	0.2	WKL	
MO-SIM	2018/19-2	Wet	11/30/2018 5:30:00 AM	12/19/2018 2:39:00 AM	Oil Range Organics	n/a	<	0.66	mg/L	EPA 8015D	0.66	1	WKL	
MO-SIM	2018/19-2	Wet	11/30/2018 5:30:00 AM	12/12/2018 2:11:00 PM	Aluminum	Dissolved	=	19	µg/L	EPA 200.8	1.3	5	WKL	UL-MB
MO-SIM	2018/19-2	Wet	11/30/2018 5:30:00 AM	12/12/2018 2:19:00 PM	Aluminum	Total	=	9100	µg/L	EPA 200.8	1.3	5	WKL	
MO-SIM	2018/19-2	Wet	11/30/2018 5:30:00 AM	12/12/2018 2:19:00 PM	Antimony	Dissolved	=	0.94	µg/L	EPA 200.8	0.045	0.5	WKL	
MO-SIM	2018/19-2	Wet	11/30/2018 5:30:00 AM	12/12/2018 2:19:00 PM	Antimony	Total	=	1.5	µg/L	EPA 200.8	0.045	0.5	WKL	
MO-SIM	2018/19-2	Wet	11/30/2018 5:30:00 AM	12/12/2018 2:11:00 PM	Arsenic	Dissolved	=	1.4	µg/L	EPA 200.8	0.074	0.4	WKL	
MO-SIM	2018/19-2	Wet	11/30/2018 5:30:00 AM	12/12/2018 2:19:00 PM	Arsenic	Total	=	4.9	µg/L	EPA 200.8	0.074	0.4	WKL	
MO-SIM	2018/19-2	Wet	11/30/2018 5:30:00 AM	12/12/2018 2:19:00 PM	Barium	Total	=	110	µg/L	EPA 200.8	0.071	0.5	WKL	
MO-SIM	2018/19-2	Wet	11/30/2018 5:30:00 AM	12/12/2018 2:11:00 PM	Beryllium	Dissolved	<	0.033	µg/L	EPA 200.8	0.033	0.1	WKL	
MO-SIM	2018/19-2	Wet	11/30/2018 5:30:00 AM	12/12/2018 2:19:00 PM	Beryllium	Total	=	0.36	µg/L	EPA 200.8	0.033	0.1	WKL	
MO-SIM	2018/19-2	Wet	11/30/2018 5:30:00 AM	12/12/2018 2:11:00 PM	Cadmium	Dissolved	<	0.041	µg/L	EPA 200.8	0.041	0.1	WKL	
MO-SIM	2018/19-2	Wet	11/30/2018 5:30:00 AM	12/12/2018 2:19:00 PM	Cadmium	Total	=	0.96	µg/L	EPA 200.8	0.041	0.1	WKL	
MO-SIM	2018/19-2	Wet	11/30/2018 5:30:00 AM	12/12/2018 2:11:00 PM	Chromium	Dissolved	=	0.7	µg/L	EPA 200.8	0.035	0.2	WKL	
MO-SIM	2018/19-2	Wet	11/30/2018 5:30:00 AM	12/12/2018 2:19:00 PM	Chromium	Total	=	17	µg/L	EPA 200.8	0.035	0.2	WKL	
MO-SIM	2018/19-2	Wet	11/30/2018 5:30:00 AM	12/13/2018 3:05:00 PM	Chromium VI	n/a	DNQ	0.39	µg/L	EPA 218.6	0.096	0.4	WKL	
MO-SIM	2018/19-2	Wet	11/30/2018 5:30:00 AM	12/12/2018 2:11:00 PM	Copper	Dissolved	=	4.7	µg/L	EPA 200.8	0.13	0.5	WKL	
MO-SIM	2018/19-2	Wet	11/30/2018 5:30:00 AM	12/12/2018 2:19:00 PM	Copper	Total	=	47	µg/L	EPA 200.8	0.13	0.5	WKL	
MO-SIM	2018/19-2	Wet	11/30/2018 5:30:00 AM	12/11/2018 12:34:00 PM	Iron	Dissolved	=	45	µg/L	EPA 200.7	1.1	10	WKL	
MO-SIM	2018/19-2	Wet	11/30/2018 5:30:00 AM	12/11/2018 1:12:00 PM	Iron	Total	=	14000	µg/L	EPA 200.7	1.1	10	WKL	
MO-SIM	2018/19-2	Wet	11/30/2018 5:30:00 AM	12/12/2018 2:11:00 PM	Lead	Dissolved	DNQ	0.15	µg/L	EPA 200.8	0.031	0.2	WKL	
MO-SIM	2018/19-2	Wet	11/30/2018 5:30:00 AM	12/12/2018 2:19:00 PM	Lead	Total	=	24	µg/L	EPA 200.8	0.031	0.2	WKL	
MO-SIM	2018/19-2	Wet	11/30/2018 5:30:00 AM	12/10/2018 1:41:00 PM	Mercury	Dissolved	<	17	ng/L	EPA 245.1	17	50	WKL	
MO-SIM	2018/19-2	Wet	11/30/2018 5:30:00 AM	12/10/2018 1:43:00 PM	Mercury	Total	DNQ	37	ng/L	EPA 245.1	17	50	WKL	
MO-SIM	2018/19-2	Wet	11/30/2018 5:30:00 AM	12/12/2018 2:11:00 PM	Nickel	Dissolved	=	2.1	µg/L	EPA 200.8	0.045	0.8	WKL	
MO-SIM	2018/19-2	Wet	11/30/2018 5:30:00 AM	12/12/2018 2:19:00 PM	Nickel	Total	=	19	µg/L	EPA 200.8	0.045	0.8	WKL	
MO-SIM	2018/19-2	Wet	11/30/2018 5:30:00 AM	12/12/2018 2:11:00 PM	Selenium	Dissolved	=	3.9	µg/L	EPA 200.8	0.14	0.4	WKL	
MO-SIM	2018/19-2	Wet	11/30/2018 5:30:00 AM	12/12/2018 2:19:00 PM	Selenium	Total	=	4.8	µg/L	EPA 200.8	0.14	0.4	WKL	
MO-SIM	2018/19-2	Wet	11/30/2018 5:30:00 AM	12/12/2018 2:11:00 PM	Silver	Dissolved	<	0.062	µg/L	EPA 200.8	0.062	0.2	WKL	
MO-SIM	2018/19-2	Wet	11/30/2018 5:30:00 AM	12/12/2018 2:19:00 PM	Silver	Total	DNQ	0.15	µg/L	EPA 200.8	0.062	0.2	WKL	
MO-SIM	2018/19-2	Wet	11/30/2018 5:30:00 AM	12/12/2018 2:11:00 PM	Thallium	Dissolved	<	0.014	µg/L	EPA 200.8	0.014	0.2	WKL	
MO-SIM	2018/19-2	Wet	11/30/2018 5:30:00 AM	12/12/2018 2:19:00 PM	Thallium	Total	DNQ	0.14	µg/L	EPA 200.8	0.014	0.2	WKL	
MO-SIM	2018/19-2	Wet	11/30/2018 5:30:00 AM	12/12/2018 2:11:00 PM	Zinc	Dissolved	=	8.6	µg/L	EPA 200.8	0.94	5	WKL	
MO-SIM	2018/19-2	Wet	11/30/2018 5:30:00 AM	12/12/2018 2:19:00 PM	Zinc	Total	=	200	µg/L	EPA 200.8	0.94	5	WKL	
MO-SIM	2018/19-2	Wet	11/30/2018 5:30:00 AM	12/6/2018 6:08:00 PM	Ammonia as N	n/a	=	0.59	mg/L	EPA 350.1	0.048	0.1	WKL	
MO-SIM	2018/19-2	Wet	11/30/2018 5:30:00 AM	12/21/2018 11:23:00 AM	Nitrate + Nitrite as N	n/a	=	1.2	mg/L	EPA 353.2	0.083	0.2	WKL	
MO-SIM	2018/19-2	Wet	11/30/2018 5:30:00 AM	1/17/2019 5:26:00 PM	Phosphorus as P	Dissolved	=	0.2	mg/L	EPA 200.7	0.012	0.02	WKL	
MO-SIM	2018/19-2	Wet	11/30/2018 5:30:00 AM	1/17/2019 5:29:00 PM	Phosphorus as P	Total	=	1.1	mg/L	EPA 200.7	0.012	0.02	WKL	
MO-SIM	2018/19-2	Wet	11/30/2018 5:30:00 AM	12/18/2018 3:13:00 PM	TKN	n/a	=	1.4	mg/L	EPA 351.2	0.05	0.1	WKL	
MO-SIM	2018/19-2	Wet	11/30/2018 5:30:00 AM	1/7/2019 4:23:00 AM	1,2,4-Trichlorobenzene	n/a	<	1.1	µg/L	EPA 625	1.1	2	WKL	
MO-SIM	2018/19-2	Wet	11/30/2018 5:30:00 AM	1/7/2019 4:23:00 AM	1,2-Dichlorobenzene	n/a	<	1.1	µg/L	EPA 625	1.1	2	WKL	
MO-SIM	2018/19-2	Wet	11/30/2018 5:30:00 AM	1/7/2019 4:23:00 AM	1,2-Diphenylhydrazine	n/a	<	0.5	µg/L	EPA 625	0.5	2	WKL	
MO-SIM	2018/19-2	Wet	11/30/2018 5:30:00 AM	1/7/2019 4:23:00 AM	1,3-Dichlorobenzene	n/a	<	1.1	µg/L	EPA 625	1.1	2	WKL	

Appendix G
Laboratory Environmental Analysis Results

Site ID	Event	Event Type	Sample Date	Analysis Date	Constituent	Fraction	Sign	Result	Units	Method	MDL	Reporting Limit	Analyzing Laboratory	Qualifier
MO-SIM	2018/19-2	Wet	11/30/2018 5:30:00 AM	1/7/2019 4:23:00 AM	1,4-Dichlorobenzene	n/a	<	1.1	µg/L	EPA 625	1.1	2	WKL	
MO-SIM	2018/19-2	Wet	11/30/2018 5:30:00 AM	1/12/2019 12:35:00 AM	1-Methylnaphthalene	n/a	<	0.5	µg/L	EPA 8270C	0.5	0.5	WKL	
MO-SIM	2018/19-2	Wet	11/30/2018 5:30:00 AM	1/11/2019 5:00:00 AM	2,4,5-Trichlorophenol	n/a	<	1.4	µg/L	EPA 8270C	1.4	5	WKL	
MO-SIM	2018/19-2	Wet	11/30/2018 5:30:00 AM	1/7/2019 4:23:00 AM	2,4,6-Trichlorophenol	n/a	<	0.44	µg/L	EPA 625	0.44	2	WKL	
MO-SIM	2018/19-2	Wet	11/30/2018 5:30:00 AM	1/11/2019 5:00:00 AM	2,4,6-Trichlorophenol	n/a	<	1.5	µg/L	EPA 8270C	1.5	5	WKL	
MO-SIM	2018/19-2	Wet	11/30/2018 5:30:00 AM	1/11/2019 5:00:00 AM	2,4-Dichlorophenol	n/a	<	2.6	µg/L	EPA 8270C	2.6	5	WKL	
MO-SIM	2018/19-2	Wet	11/30/2018 5:30:00 AM	1/7/2019 4:23:00 AM	2,4-Dichlorophenol	n/a	<	0.52	µg/L	EPA 625	0.52	2	WKL	
MO-SIM	2018/19-2	Wet	11/30/2018 5:30:00 AM	1/11/2019 5:00:00 AM	2,4-Dimethylphenol	n/a	<	5	µg/L	EPA 8270C	5	10	WKL	
MO-SIM	2018/19-2	Wet	11/30/2018 5:30:00 AM	1/7/2019 4:23:00 AM	2,4-Dimethylphenol	n/a	<	0.6	µg/L	EPA 625	0.6	2	WKL	
MO-SIM	2018/19-2	Wet	11/30/2018 5:30:00 AM	1/11/2019 5:00:00 AM	2,4-Dinitrophenol	n/a	<	5	µg/L	EPA 8270C	5	10	WKL	
MO-SIM	2018/19-2	Wet	11/30/2018 5:30:00 AM	1/7/2019 4:23:00 AM	2,4-Dinitrophenol	n/a	<	3.2	µg/L	EPA 625	3.2	20	WKL	
MO-SIM	2018/19-2	Wet	11/30/2018 5:30:00 AM	1/7/2019 4:23:00 AM	2,4-Dinitrotoluene	n/a	<	0.36	µg/L	EPA 625	0.36	2	WKL	
MO-SIM	2018/19-2	Wet	11/30/2018 5:30:00 AM	1/7/2019 4:23:00 AM	2,6-Dinitrotoluene	n/a	<	0.54	µg/L	EPA 625	0.54	2	WKL	
MO-SIM	2018/19-2	Wet	11/30/2018 5:30:00 AM	1/7/2019 4:23:00 AM	2-Chloronaphthalene	n/a	<	0.9	µg/L	EPA 625	0.9	2	WKL	
MO-SIM	2018/19-2	Wet	11/30/2018 5:30:00 AM	1/11/2019 5:00:00 AM	2-Chlorophenol	n/a	<	3.2	µg/L	EPA 8270C	3.2	5	WKL	
MO-SIM	2018/19-2	Wet	11/30/2018 5:30:00 AM	1/7/2019 4:23:00 AM	2-Chlorophenol	n/a	<	0.56	µg/L	EPA 625	0.56	2	WKL	
MO-SIM	2018/19-2	Wet	11/30/2018 5:30:00 AM	1/12/2019 12:35:00 AM	2-Methylnaphthalene	n/a	<	0.5	µg/L	EPA 8270C	0.5	0.5	WKL	
MO-SIM	2018/19-2	Wet	11/30/2018 5:30:00 AM	1/11/2019 5:00:00 AM	2-Methylphenol	n/a	<	1.7	µg/L	EPA 8270C	1.7	5	WKL	
MO-SIM	2018/19-2	Wet	11/30/2018 5:30:00 AM	1/7/2019 4:23:00 AM	2-Nitrophenol	n/a	<	0.52	µg/L	EPA 625	0.52	2	WKL	
MO-SIM	2018/19-2	Wet	11/30/2018 5:30:00 AM	1/11/2019 5:00:00 AM	2-Nitrophenol	n/a	<	3.6	µg/L	EPA 8270C	3.6	5	WKL	
MO-SIM	2018/19-2	Wet	11/30/2018 5:30:00 AM	1/7/2019 4:23:00 AM	3,3'-Dichlorobenzidine	n/a	<	2.4	µg/L	EPA 625	2.4	10	WKL	
MO-SIM	2018/19-2	Wet	11/30/2018 5:30:00 AM	1/11/2019 5:00:00 AM	3-/4-Methylphenol	n/a	<	1.5	µg/L	EPA 8270C	1.5	5	WKL	
MO-SIM	2018/19-2	Wet	11/30/2018 5:30:00 AM	1/7/2019 4:23:00 AM	4,6-Dinitro-2-methylphenol	n/a	<	3.4	µg/L	EPA 625	3.4	10	WKL	
MO-SIM	2018/19-2	Wet	11/30/2018 5:30:00 AM	1/11/2019 5:00:00 AM	4,6-Dinitro-2-methylphenol	n/a	<	0.7	µg/L	EPA 8270C	0.7	5	WKL	
MO-SIM	2018/19-2	Wet	11/30/2018 5:30:00 AM	1/7/2019 4:23:00 AM	4-Bromophenyl phenyl ether	n/a	<	0.72	µg/L	EPA 625	0.72	2	WKL	
MO-SIM	2018/19-2	Wet	11/30/2018 5:30:00 AM	1/7/2019 4:23:00 AM	4-Chloro-3-methylphenol	n/a	<	0.46	µg/L	EPA 625	0.46	2	WKL	
MO-SIM	2018/19-2	Wet	11/30/2018 5:30:00 AM	1/11/2019 5:00:00 AM	4-Chloro-3-methylphenol	n/a	<	1.8	µg/L	EPA 8270C	1.8	5	WKL	
MO-SIM	2018/19-2	Wet	11/30/2018 5:30:00 AM	1/7/2019 4:23:00 AM	4-Chlorophenyl phenyl ether	n/a	<	0.82	µg/L	EPA 625	0.82	2	WKL	
MO-SIM	2018/19-2	Wet	11/30/2018 5:30:00 AM	1/7/2019 4:23:00 AM	4-Nitrophenol	n/a	<	0.9	µg/L	EPA 625	0.9	10	WKL	
MO-SIM	2018/19-2	Wet	11/30/2018 5:30:00 AM	1/11/2019 5:00:00 AM	4-Nitrophenol	n/a	<	5	µg/L	EPA 8270C	5	10	WKL	
MO-SIM	2018/19-2	Wet	11/30/2018 5:30:00 AM	1/12/2019 12:35:00 AM	Acenaphthene	n/a	<	0.5	µg/L	EPA 8270C	0.5	0.5	WKL	
MO-SIM	2018/19-2	Wet	11/30/2018 5:30:00 AM	1/7/2019 4:23:00 AM	Acenaphthene	n/a	<	0.76	µg/L	EPA 625	0.76	2	WKL	
MO-SIM	2018/19-2	Wet	11/30/2018 5:30:00 AM	1/12/2019 12:35:00 AM	Acenaphthylene	n/a	<	0.5	µg/L	EPA 8270C	0.5	0.5	WKL	
MO-SIM	2018/19-2	Wet	11/30/2018 5:30:00 AM	1/7/2019 4:23:00 AM	Acenaphthylene	n/a	<	0.8	µg/L	EPA 625	0.8	2	WKL	
MO-SIM	2018/19-2	Wet	11/30/2018 5:30:00 AM	1/7/2019 4:23:00 AM	Anthracene	n/a	<	0.68	µg/L	EPA 625	0.68	2	WKL	
MO-SIM	2018/19-2	Wet	11/30/2018 5:30:00 AM	1/12/2019 12:35:00 AM	Anthracene	n/a	<	0.5	µg/L	EPA 8270C	0.5	0.5	WKL	
MO-SIM	2018/19-2	Wet	11/30/2018 5:30:00 AM	1/7/2019 4:23:00 AM	Benzo(a)anthracene	n/a	<	0.38	µg/L	EPA 625	0.38	2	WKL	
MO-SIM	2018/19-2	Wet	11/30/2018 5:30:00 AM	1/12/2019 12:35:00 AM	Benzo(a)anthracene	n/a	<	0.5	µg/L	EPA 8270C	0.5	0.5	WKL	
MO-SIM	2018/19-2	Wet	11/30/2018 5:30:00 AM	1/7/2019 4:23:00 AM	Benzidine	n/a	<	7.3	µg/L	EPA 625	7.3	20	WKL	
MO-SIM	2018/19-2	Wet	11/30/2018 5:30:00 AM	1/12/2019 12:35:00 AM	Benzo(a)pyrene	n/a	<	0.5	µg/L	EPA 8270C	0.5	0.5	WKL	
MO-SIM	2018/19-2	Wet	11/30/2018 5:30:00 AM	1/7/2019 4:23:00 AM	Benzo(a)pyrene	n/a	<	0.26	µg/L	EPA 625	0.26	2	WKL	
MO-SIM	2018/19-2	Wet	11/30/2018 5:30:00 AM	12/19/2018 5:33:00 AM	Benzo(a)pyrene	n/a	<	0.07	µg/L	EPA 525.2	0.07	0.1	WKL	
MO-SIM	2018/19-2	Wet	11/30/2018 5:30:00 AM	1/12/2019 12:35:00 AM	Benzo(b)fluoranthene	n/a	<	0.5	µg/L	EPA 8270C	0.5	0.5	WKL	
MO-SIM	2018/19-2	Wet	11/30/2018 5:30:00 AM	1/7/2019 4:23:00 AM	Benzo(b)fluoranthene	n/a	<	0.28	µg/L	EPA 625	0.28	2	WKL	
MO-SIM	2018/19-2	Wet	11/30/2018 5:30:00 AM	1/7/2019 4:23:00 AM	Benzo(g,h,i)perylene	n/a	<	0.2	µg/L	EPA 625	0.2	4	WKL	
MO-SIM	2018/19-2	Wet	11/30/2018 5:30:00 AM	1/12/2019 12:35:00 AM	Benzo(g,h,i)perylene	n/a	<	0.5	µg/L	EPA 8270C	0.5	0.5	WKL	
MO-SIM	2018/19-2	Wet	11/30/2018 5:30:00 AM	1/7/2019 4:23:00 AM	Benzo(k)fluoranthene	n/a	<	0.44	µg/L	EPA 625	0.44	2	WKL	
MO-SIM	2018/19-2	Wet	11/30/2018 5:30:00 AM	1/12/2019 12:35:00 AM	Benzo(k)fluoranthene	n/a	<	0.5	µg/L	EPA 8270C	0.5	0.5	WKL	

Appendix G
Laboratory Environmental Analysis Results

Site ID	Event	Event Type	Sample Date	Analysis Date	Constituent	Fraction	Sign	Result	Units	Method	MDL	Reporting Limit	Analyzing Laboratory	Qualifier
MO-SIM	2018/19-2	Wet	11/30/2018 5:30:00 AM	1/7/2019 4:23:00 AM	Bis(2-chloroethoxy)methane	n/a	<	0.5	µg/L	EPA 625	0.5	2	WKL	
MO-SIM	2018/19-2	Wet	11/30/2018 5:30:00 AM	1/7/2019 4:23:00 AM	Bis(2-chloroisopropyl)ether	n/a	<	0.54	µg/L	EPA 625	0.54	2	WKL	
MO-SIM	2018/19-2	Wet	11/30/2018 5:30:00 AM	1/7/2019 4:23:00 AM	Bis(2-chloroisopropyl)ether	n/a	<	0.76	µg/L	EPA 625	0.76	2	WKL	
MO-SIM	2018/19-2	Wet	11/30/2018 5:30:00 AM	12/19/2018 5:33:00 AM	Bis(2-ethylhexyl)adipate	n/a	<	0.1	µg/L	EPA 525.2	0.1	5	WKL	GR, Q
MO-SIM	2018/19-2	Wet	11/30/2018 5:30:00 AM	12/19/2018 5:33:00 AM	Bis(2-ethylhexyl)phthalate	n/a	<	1.1	µg/L	EPA 525.2	1.1	3	WKL	GR, Q
MO-SIM	2018/19-2	Wet	11/30/2018 5:30:00 AM	1/7/2019 4:23:00 AM	Bis(2-ethylhexyl)phthalate	n/a	<	4.6	µg/L	EPA 625	4.6	10	WKL	
MO-SIM	2018/19-2	Wet	11/30/2018 5:30:00 AM	1/7/2019 4:23:00 AM	Butyl benzyl phthalate	n/a	DNQ	0.4	µg/L	EPA 625	0.36	2	WKL	UL-MB
MO-SIM	2018/19-2	Wet	11/30/2018 5:30:00 AM	1/7/2019 4:23:00 AM	Chrysene	n/a	<	0.38	µg/L	EPA 625	0.38	2	WKL	
MO-SIM	2018/19-2	Wet	11/30/2018 5:30:00 AM	1/12/2019 12:35:00 AM	Chrysene	n/a	<	0.5	µg/L	EPA 8270C	0.5	0.5	WKL	
MO-SIM	2018/19-2	Wet	11/30/2018 5:30:00 AM	1/7/2019 4:23:00 AM	Dibenz(a,h)anthracene	n/a	<	0.16	µg/L	EPA 625	0.16	4	WKL	
MO-SIM	2018/19-2	Wet	11/30/2018 5:30:00 AM	1/12/2019 12:35:00 AM	Dibenz(a,h)anthracene	n/a	<	0.5	µg/L	EPA 8270C	0.5	0.5	WKL	
MO-SIM	2018/19-2	Wet	11/30/2018 5:30:00 AM	1/7/2019 4:23:00 AM	Diethyl phthalate	n/a	<	0.3	µg/L	EPA 625	0.3	2	WKL	
MO-SIM	2018/19-2	Wet	11/30/2018 5:30:00 AM	1/7/2019 4:23:00 AM	Dimethyl phthalate	n/a	<	0.36	µg/L	EPA 625	0.36	2	WKL	
MO-SIM	2018/19-2	Wet	11/30/2018 5:30:00 AM	1/7/2019 4:23:00 AM	Di-n-butylphthalate	n/a	<	0.48	µg/L	EPA 625	0.48	2	WKL	
MO-SIM	2018/19-2	Wet	11/30/2018 5:30:00 AM	1/7/2019 4:23:00 AM	Di-n-octylphthalate	n/a	<	0.38	µg/L	EPA 625	0.38	2	WKL	
MO-SIM	2018/19-2	Wet	11/30/2018 5:30:00 AM	1/7/2019 4:23:00 AM	Fluoranthene	n/a	<	0.44	µg/L	EPA 625	0.44	2	WKL	
MO-SIM	2018/19-2	Wet	11/30/2018 5:30:00 AM	1/12/2019 12:35:00 AM	Fluoranthene	n/a	<	0.5	µg/L	EPA 8270C	0.5	0.5	WKL	
MO-SIM	2018/19-2	Wet	11/30/2018 5:30:00 AM	1/12/2019 12:35:00 AM	Fluorene	n/a	<	0.5	µg/L	EPA 8270C	0.5	0.5	WKL	
MO-SIM	2018/19-2	Wet	11/30/2018 5:30:00 AM	1/7/2019 4:23:00 AM	Fluorene	n/a	<	0.7	µg/L	EPA 625	0.7	2	WKL	
MO-SIM	2018/19-2	Wet	11/30/2018 5:30:00 AM	1/7/2019 4:23:00 AM	Hexachlorobenzene	n/a	<	0.98	µg/L	EPA 625	0.98	2	WKL	
MO-SIM	2018/19-2	Wet	11/30/2018 5:30:00 AM	1/7/2019 4:23:00 AM	Hexachlorobutadiene	n/a	<	0.94	µg/L	EPA 625	0.94	2	WKL	
MO-SIM	2018/19-2	Wet	11/30/2018 5:30:00 AM	1/7/2019 4:23:00 AM	Hexachlorocyclopentadiene	n/a	<	2.9	µg/L	EPA 625	2.9	10	WKL	
MO-SIM	2018/19-2	Wet	11/30/2018 5:30:00 AM	1/7/2019 4:23:00 AM	Hexachloroethane	n/a	<	1	µg/L	EPA 625	1	2	WKL	
MO-SIM	2018/19-2	Wet	11/30/2018 5:30:00 AM	1/7/2019 4:23:00 AM	Indeno(1,2,3-cd)pyrene	n/a	<	0.24	µg/L	EPA 625	0.24	4	WKL	
MO-SIM	2018/19-2	Wet	11/30/2018 5:30:00 AM	1/12/2019 12:35:00 AM	Indeno(1,2,3-cd)pyrene	n/a	<	0.5	µg/L	EPA 8270C	0.5	0.5	WKL	
MO-SIM	2018/19-2	Wet	11/30/2018 5:30:00 AM	1/7/2019 4:23:00 AM	Isophorone	n/a	<	0.42	µg/L	EPA 625	0.42	2	WKL	
MO-SIM	2018/19-2	Wet	11/30/2018 5:30:00 AM	1/12/2019 12:35:00 AM	Naphthalene	n/a	<	0.5	µg/L	EPA 8270C	0.5	0.5	WKL	
MO-SIM	2018/19-2	Wet	11/30/2018 5:30:00 AM	1/7/2019 4:23:00 AM	Naphthalene	n/a	<	0.98	µg/L	EPA 625	0.98	2	WKL	
MO-SIM	2018/19-2	Wet	11/30/2018 5:30:00 AM	1/7/2019 4:23:00 AM	Nitrobenzene	n/a	<	0.72	µg/L	EPA 625	0.72	2	WKL	
MO-SIM	2018/19-2	Wet	11/30/2018 5:30:00 AM	1/7/2019 4:23:00 AM	N-Nitrosodimethylamine	n/a	<	0.28	µg/L	EPA 625	0.28	2	WKL	
MO-SIM	2018/19-2	Wet	11/30/2018 5:30:00 AM	1/7/2019 4:23:00 AM	N-Nitrosodi-N-propylamine	n/a	<	0.52	µg/L	EPA 625	0.52	2	WKL	
MO-SIM	2018/19-2	Wet	11/30/2018 5:30:00 AM	1/7/2019 4:23:00 AM	N-Nitrosodiphenylamine	n/a	<	0.38	µg/L	EPA 625	0.38	2	WKL	
MO-SIM	2018/19-2	Wet	11/30/2018 5:30:00 AM	1/12/2019 12:35:00 AM	Phenanthrene	n/a	<	0.5	µg/L	EPA 8270C	0.5	0.5	WKL	
MO-SIM	2018/19-2	Wet	11/30/2018 5:30:00 AM	1/7/2019 4:23:00 AM	Phenanthrene	n/a	<	0.64	µg/L	EPA 625	0.64	2	WKL	
MO-SIM	2018/19-2	Wet	11/30/2018 5:30:00 AM	1/7/2019 4:23:00 AM	Phenol	n/a	<	0.32	µg/L	EPA 625	0.32	2	WKL	
MO-SIM	2018/19-2	Wet	11/30/2018 5:30:00 AM	1/11/2019 5:00:00 AM	Phenol	n/a	<	1.8	µg/L	EPA 8270C	1.8	5	WKL	
MO-SIM	2018/19-2	Wet	11/30/2018 5:30:00 AM	1/7/2019 4:23:00 AM	Pyrene	n/a	<	0.5	µg/L	EPA 625	0.5	2	WKL	
MO-SIM	2018/19-2	Wet	11/30/2018 5:30:00 AM	1/12/2019 12:35:00 AM	Pyrene	n/a	<	0.5	µg/L	EPA 8270C	0.5	0.5	WKL	
MO-SIM	2018/19-2	Wet	11/30/2018 5:30:00 AM	1/12/2019 1:30:00 PM	PCB Aroclor 1016	n/a	<	1	µg/L	EPA 608	1	10	WKL	
MO-SIM	2018/19-2	Wet	11/30/2018 5:30:00 AM	1/12/2019 1:30:00 PM	PCB Aroclor 1221	n/a	<	1.2	µg/L	EPA 608	1.2	10	WKL	
MO-SIM	2018/19-2	Wet	11/30/2018 5:30:00 AM	1/12/2019 1:30:00 PM	PCB Aroclor 1232	n/a	<	3	µg/L	EPA 608	3	10	WKL	
MO-SIM	2018/19-2	Wet	11/30/2018 5:30:00 AM	1/12/2019 1:30:00 PM	PCB Aroclor 1242	n/a	<	1.4	µg/L	EPA 608	1.4	10	WKL	
MO-SIM	2018/19-2	Wet	11/30/2018 5:30:00 AM	1/12/2019 1:30:00 PM	PCB Aroclor 1248	n/a	<	1.2	µg/L	EPA 608	1.2	10	WKL	
MO-SIM	2018/19-2	Wet	11/30/2018 5:30:00 AM	1/12/2019 1:30:00 PM	PCB Aroclor 1254	n/a	<	0.8	µg/L	EPA 608	0.8	10	WKL	
MO-SIM	2018/19-2	Wet	11/30/2018 5:30:00 AM	1/12/2019 1:30:00 PM	PCB Aroclor 1260	n/a	<	0.8	µg/L	EPA 608	0.8	10	WKL	
MO-SIM	2018/19-2	Wet	11/30/2018 5:30:00 AM	12/27/2018 10:00:00 PM	2,4,5-T	n/a	<	0.07	µg/L	EPA 515.3	0.07	0.2	WKL	
MO-SIM	2018/19-2	Wet	11/30/2018 5:30:00 AM	12/27/2018 10:00:00 PM	2,4,5-TP	n/a	<	0.09	µg/L	EPA 515.3	0.09	0.2	WKL	
MO-SIM	2018/19-2	Wet	11/30/2018 5:30:00 AM	12/27/2018 10:00:00 PM	2,4-D	n/a	<	0.07	µg/L	EPA 515.3	0.07	0.4	WKL	

Appendix G
Laboratory Environmental Analysis Results

Site ID	Event	Event Type	Sample Date	Analysis Date	Constituent	Fraction	Sign	Result	Units	Method	MDL	Reporting Limit	Analyzing Laboratory	Qualifier
MO-SIM	2018/19-2	Wet	11/30/2018 5:30:00 AM	12/27/2018 10:00:00 PM	2,4-DB	n/a	DNQ	0.5	µg/L	EPA 515.3	0.07	2	WKL	
MO-SIM	2018/19-2	Wet	11/30/2018 5:30:00 AM	12/27/2018 10:00:00 PM	3,5-Dichlorobenzoic acid	n/a	<	0.09	µg/L	EPA 515.3	0.09	1	WKL	
MO-SIM	2018/19-2	Wet	11/30/2018 5:30:00 AM	1/12/2019 1:30:00 PM	4,4'-DDD	n/a	<	0.06	µg/L	EPA 608	0.06	1	WKL	
MO-SIM	2018/19-2	Wet	11/30/2018 5:30:00 AM	1/12/2019 1:30:00 PM	4,4'-DDE	n/a	<	0.05	µg/L	EPA 608	0.05	1	WKL	
MO-SIM	2018/19-2	Wet	11/30/2018 5:30:00 AM	1/12/2019 1:30:00 PM	4,4'-DDT	n/a	<	0.062	µg/L	EPA 608	0.062	0.2	WKL	
MO-SIM	2018/19-2	Wet	11/30/2018 5:30:00 AM	12/27/2018 10:00:00 PM	Acifluorfen	n/a	<	0.06	µg/L	EPA 515.3	0.06	0.4	WKL	
MO-SIM	2018/19-2	Wet	11/30/2018 5:30:00 AM	12/19/2018 5:33:00 AM	Alachlor	n/a	<	0.022	µg/L	EPA 525.2	0.022	0.1	WKL	
MO-SIM	2018/19-2	Wet	11/30/2018 5:30:00 AM	1/12/2019 1:30:00 PM	Aldrin	n/a	<	0.03	µg/L	EPA 608	0.03	0.1	WKL	
MO-SIM	2018/19-2	Wet	11/30/2018 5:30:00 AM	1/12/2019 1:30:00 PM	alpha-BHC	n/a	<	0.036	µg/L	EPA 608	0.036	0.2	WKL	
MO-SIM	2018/19-2	Wet	11/30/2018 5:30:00 AM	1/12/2019 1:30:00 PM	alpha-Chlordane	n/a	<	0.082	µg/L	EPA 608	0.082	0.2	WKL	
MO-SIM	2018/19-2	Wet	11/30/2018 5:30:00 AM	12/19/2018 5:33:00 AM	Atrazine	n/a	<	0.034	µg/L	EPA 525.2	0.034	0.1	WKL	
MO-SIM	2018/19-2	Wet	11/30/2018 5:30:00 AM	12/20/2018 3:51:00 AM	Azinphos methyl	n/a	<	0.011	µg/L	EPA 525.2m	0.011	0.02	WKL	
MO-SIM	2018/19-2	Wet	11/30/2018 5:30:00 AM	12/27/2018 10:00:00 PM	Bentazon	n/a	<	0.11	µg/L	EPA 515.3	0.11	2	WKL	
MO-SIM	2018/19-2	Wet	11/30/2018 5:30:00 AM	1/12/2019 1:30:00 PM	beta-BHC	n/a	<	0.062	µg/L	EPA 608	0.062	0.1	WKL	
MO-SIM	2018/19-2	Wet	11/30/2018 5:30:00 AM	12/20/2018 3:51:00 AM	Bolstar	n/a	<	0.0092	µg/L	EPA 525.2m	0.0092	0.02	WKL	
MO-SIM	2018/19-2	Wet	11/30/2018 5:30:00 AM	12/19/2018 5:33:00 AM	Bromacil	n/a	<	0.038	µg/L	EPA 525.2	0.038	1	WKL	
MO-SIM	2018/19-2	Wet	11/30/2018 5:30:00 AM	12/19/2018 5:33:00 AM	Butachlor	n/a	<	0.017	µg/L	EPA 525.2	0.017	0.2	WKL	
MO-SIM	2018/19-2	Wet	11/30/2018 5:30:00 AM	12/19/2018 5:33:00 AM	Captan	n/a	<	0.86	µg/L	EPA 525.2	0.86	1	WKL	GR, LB-LCSR, C
MO-SIM	2018/19-2	Wet	11/30/2018 5:30:00 AM	1/12/2019 1:30:00 PM	Chlordane (technical)	n/a	<	1.6	µg/L	EPA 608	1.6	2	WKL	
MO-SIM	2018/19-2	Wet	11/30/2018 5:30:00 AM	12/19/2018 5:33:00 AM	Chlorpropham	n/a	<	0.01	µg/L	EPA 525.2	0.01	0.1	WKL	
MO-SIM	2018/19-2	Wet	11/30/2018 5:30:00 AM	12/20/2018 3:51:00 AM	Chlorpyrifos	n/a	<	0.014	µg/L	EPA 525.2m	0.014	0.02	WKL	
MO-SIM	2018/19-2	Wet	11/30/2018 5:30:00 AM	12/20/2018 3:51:00 AM	Coumaphos	n/a	<	0.01	µg/L	EPA 525.2m	0.01	0.02	WKL	
MO-SIM	2018/19-2	Wet	11/30/2018 5:30:00 AM	12/19/2018 5:33:00 AM	Cyanazine	n/a	<	0.024	µg/L	EPA 525.2	0.024	0.1	WKL	GR, Q
MO-SIM	2018/19-2	Wet	11/30/2018 5:30:00 AM	12/27/2018 10:00:00 PM	Dalapon	n/a	<	0.1	µg/L	EPA 515.3	0.1	0.4	WKL	
MO-SIM	2018/19-2	Wet	11/30/2018 5:30:00 AM	12/27/2018 10:00:00 PM	DCPA (Daacthal)	n/a	<	0.07	µg/L	EPA 515.3	0.07	0.1	WKL	
MO-SIM	2018/19-2	Wet	11/30/2018 5:30:00 AM	1/12/2019 1:30:00 PM	delta-BHC	n/a	<	0.05	µg/L	EPA 608	0.05	0.1	WKL	
MO-SIM	2018/19-2	Wet	11/30/2018 5:30:00 AM	12/20/2018 3:51:00 AM	Demeton-O	n/a	<	0.02	µg/L	EPA 525.2m	0.02	0.02	WKL	
MO-SIM	2018/19-2	Wet	11/30/2018 5:30:00 AM	12/20/2018 3:51:00 AM	Demeton-S	n/a	<	0.02	µg/L	EPA 525.2m	0.02	0.02	WKL	
MO-SIM	2018/19-2	Wet	11/30/2018 5:30:00 AM	12/19/2018 5:33:00 AM	Diazinon	n/a	<	0.096	µg/L	EPA 525.2	0.096	0.1	WKL	
MO-SIM	2018/19-2	Wet	11/30/2018 5:30:00 AM	12/20/2018 3:51:00 AM	Diazinon	n/a	<	0.01	µg/L	EPA 525.2m	0.01	0.02	WKL	
MO-SIM	2018/19-2	Wet	11/30/2018 5:30:00 AM	12/27/2018 10:00:00 PM	Dicamba	n/a	<	0.12	µg/L	EPA 515.3	0.12	0.6	WKL	
MO-SIM	2018/19-2	Wet	11/30/2018 5:30:00 AM	12/27/2018 10:00:00 PM	Dichlorprop	n/a	<	0.08	µg/L	EPA 515.3	0.08	0.3	WKL	
MO-SIM	2018/19-2	Wet	11/30/2018 5:30:00 AM	12/20/2018 3:51:00 AM	Dichlorvos	n/a	<	0.0058	µg/L	EPA 525.2m	0.0058	0.02	WKL	
MO-SIM	2018/19-2	Wet	11/30/2018 5:30:00 AM	1/12/2019 1:30:00 PM	Dieldrin	n/a	<	0.042	µg/L	EPA 608	0.042	0.2	WKL	
MO-SIM	2018/19-2	Wet	11/30/2018 5:30:00 AM	12/20/2018 3:51:00 AM	Dimethoate	n/a	<	0.012	µg/L	EPA 525.2m	0.012	0.02	WKL	
MO-SIM	2018/19-2	Wet	11/30/2018 5:30:00 AM	12/19/2018 5:33:00 AM	Dimethoate	n/a	<	0.024	µg/L	EPA 525.2	0.024	0.2	WKL	
MO-SIM	2018/19-2	Wet	11/30/2018 5:30:00 AM	12/27/2018 10:00:00 PM	Dinoseb	n/a	<	0.14	µg/L	EPA 515.3	0.14	0.4	WKL	
MO-SIM	2018/19-2	Wet	11/30/2018 5:30:00 AM	12/19/2018 5:33:00 AM	Diphenamid	n/a	<	0.024	µg/L	EPA 525.2	0.024	0.1	WKL	GR, Q
MO-SIM	2018/19-2	Wet	11/30/2018 5:30:00 AM	12/19/2018 5:33:00 AM	Disulfoton	n/a	<	0.031	µg/L	EPA 525.2	0.031	0.1	WKL	GR, Q
MO-SIM	2018/19-2	Wet	11/30/2018 5:30:00 AM	12/20/2018 3:51:00 AM	Disulfoton	n/a	<	0.02	µg/L	EPA 525.2m	0.02	0.02	WKL	
MO-SIM	2018/19-2	Wet	11/30/2018 5:30:00 AM	1/12/2019 1:30:00 PM	Endosulfan I	n/a	<	0.034	µg/L	EPA 608	0.034	0.4	WKL	
MO-SIM	2018/19-2	Wet	11/30/2018 5:30:00 AM	1/12/2019 1:30:00 PM	Endosulfan II	n/a	<	0.038	µg/L	EPA 608	0.038	0.2	WKL	
MO-SIM	2018/19-2	Wet	11/30/2018 5:30:00 AM	1/12/2019 1:30:00 PM	Endosulfan sulfate	n/a	<	0.16	µg/L	EPA 608	0.16	1	WKL	
MO-SIM	2018/19-2	Wet	11/30/2018 5:30:00 AM	1/12/2019 1:30:00 PM	Endrin	n/a	<	0.056	µg/L	EPA 608	0.056	0.2	WKL	
MO-SIM	2018/19-2	Wet	11/30/2018 5:30:00 AM	1/12/2019 1:30:00 PM	Endrin aldehyde	n/a	<	0.06	µg/L	EPA 608	0.06	0.2	WKL	
MO-SIM	2018/19-2	Wet	11/30/2018 5:30:00 AM	12/19/2018 5:33:00 AM	EPTC	n/a	<	0.017	µg/L	EPA 525.2	0.017	1	WKL	
MO-SIM	2018/19-2	Wet	11/30/2018 5:30:00 AM	12/20/2018 3:51:00 AM	Ethoprop	n/a	<	0.013	µg/L	EPA 525.2m	0.013	0.02	WKL	
MO-SIM	2018/19-2	Wet	11/30/2018 5:30:00 AM	12/20/2018 3:51:00 AM	Ethyl parathion	n/a	<	0.011	µg/L	EPA 525.2m	0.011	0.02	WKL	

Appendix G
Laboratory Environmental Analysis Results

Site ID	Event	Event Type	Sample Date	Analysis Date	Constituent	Fraction	Sign	Result	Units	Method	MDL	Reporting Limit	Analyzing Laboratory	Qualifier
MO-SIM	2018/19-2	Wet	11/30/2018 5:30:00 AM	12/20/2018 3:51:00 AM	Fensulfothion	n/a	<	0.0058	µg/L	EPA 525.2m	0.0058	0.02	WKL	
MO-SIM	2018/19-2	Wet	11/30/2018 5:30:00 AM	12/20/2018 3:51:00 AM	Fenthion	n/a	<	0.0076	µg/L	EPA 525.2m	0.0076	0.02	WKL	
MO-SIM	2018/19-2	Wet	11/30/2018 5:30:00 AM	1/12/2019 1:30:00 PM	gamma-BHC (Lindane)	n/a	<	0.042	µg/L	EPA 608	0.042	0.4	WKL	
MO-SIM	2018/19-2	Wet	11/30/2018 5:30:00 AM	1/12/2019 1:30:00 PM	gamma-Chlordane	n/a	<	0.088	µg/L	EPA 608	0.088	0.2	WKL	
MO-SIM	2018/19-2	Wet	11/30/2018 5:30:00 AM	12/10/2018 9:26:00 PM	Glyphosate	n/a	=	20	µg/L	EPA 547	1.8	5	WKL	
MO-SIM	2018/19-2	Wet	11/30/2018 5:30:00 AM	1/12/2019 1:30:00 PM	Heptachlor	n/a	<	0.034	µg/L	EPA 608	0.034	0.2	WKL	
MO-SIM	2018/19-2	Wet	11/30/2018 5:30:00 AM	1/12/2019 1:30:00 PM	Heptachlor epoxide	n/a	<	0.038	µg/L	EPA 608	0.038	0.2	WKL	
MO-SIM	2018/19-2	Wet	11/30/2018 5:30:00 AM	12/20/2018 3:51:00 AM	Malathion	n/a	<	0.015	µg/L	EPA 525.2m	0.015	0.02	WKL	
MO-SIM	2018/19-2	Wet	11/30/2018 5:30:00 AM	12/20/2018 3:51:00 AM	Merphos	n/a	<	0.012	µg/L	EPA 525.2m	0.012	0.02	WKL	
MO-SIM	2018/19-2	Wet	11/30/2018 5:30:00 AM	1/12/2019 1:30:00 PM	Methoxychlor	n/a	<	0.11	µg/L	EPA 608	0.11	0.4	WKL	
MO-SIM	2018/19-2	Wet	11/30/2018 5:30:00 AM	12/20/2018 3:51:00 AM	Methyl parathion	n/a	<	0.013	µg/L	EPA 525.2m	0.013	0.02	WKL	
MO-SIM	2018/19-2	Wet	11/30/2018 5:30:00 AM	12/19/2018 5:33:00 AM	Metolachlor	n/a	<	0.012	µg/L	EPA 525.2	0.012	0.1	WKL	
MO-SIM	2018/19-2	Wet	11/30/2018 5:30:00 AM	12/19/2018 5:33:00 AM	Metribuzin	n/a	<	1	µg/L	EPA 525.2	1	1	WKL	
MO-SIM	2018/19-2	Wet	11/30/2018 5:30:00 AM	12/20/2018 3:51:00 AM	Mevinphos	n/a	<	0.0084	µg/L	EPA 525.2m	0.0084	0.02	WKL	
MO-SIM	2018/19-2	Wet	11/30/2018 5:30:00 AM	12/19/2018 5:33:00 AM	Molinat	n/a	<	0.039	µg/L	EPA 525.2	0.039	0.1	WKL	
MO-SIM	2018/19-2	Wet	11/30/2018 5:30:00 AM	12/20/2018 3:51:00 AM	Naled	n/a	<	0.015	µg/L	EPA 525.2m	0.015	0.02	WKL	
MO-SIM	2018/19-2	Wet	11/30/2018 5:30:00 AM	1/7/2019 4:23:00 AM	Pentachlorophenol	n/a	DNQ	1.2	µg/L	EPA 625	0.38	2	WKL	
MO-SIM	2018/19-2	Wet	11/30/2018 5:30:00 AM	1/11/2019 5:00:00 AM	Pentachlorophenol	n/a	DNQ	2.5	µg/L	EPA 8270C	0.75	5	WKL	UL-MB
MO-SIM	2018/19-2	Wet	11/30/2018 5:30:00 AM	12/27/2018 10:00:00 PM	Pentachlorophenol	n/a	=	0.33	µg/L	EPA 515.3	0.04	0.2	WKL	
MO-SIM	2018/19-2	Wet	11/30/2018 5:30:00 AM	12/20/2018 3:51:00 AM	Phorate	n/a	<	0.006	µg/L	EPA 525.2m	0.006	0.02	WKL	
MO-SIM	2018/19-2	Wet	11/30/2018 5:30:00 AM	12/27/2018 10:00:00 PM	Picloram	n/a	<	0.05	µg/L	EPA 515.3	0.05	0.6	WKL	
MO-SIM	2018/19-2	Wet	11/30/2018 5:30:00 AM	12/19/2018 5:33:00 AM	Prometon	n/a	<	0.024	µg/L	EPA 525.2	0.024	0.2	WKL	
MO-SIM	2018/19-2	Wet	11/30/2018 5:30:00 AM	12/19/2018 5:33:00 AM	Prometryn	n/a	<	0.036	µg/L	EPA 525.2	0.036	0.1	WKL	
MO-SIM	2018/19-2	Wet	11/30/2018 5:30:00 AM	12/20/2018 3:51:00 AM	Ronnel (Fenchlorphos)	n/a	<	0.0082	µg/L	EPA 525.2m	0.0082	0.02	WKL	
MO-SIM	2018/19-2	Wet	11/30/2018 5:30:00 AM	12/19/2018 5:33:00 AM	Simazine	n/a	<	0.015	µg/L	EPA 525.2	0.015	0.1	WKL	
MO-SIM	2018/19-2	Wet	11/30/2018 5:30:00 AM	12/20/2018 3:51:00 AM	Stirophos (Tetrachlorvinphos)	n/a	<	0.0062	µg/L	EPA 525.2m	0.0062	0.02	WKL	
MO-SIM	2018/19-2	Wet	11/30/2018 5:30:00 AM	12/19/2018 5:33:00 AM	Tetrabacil	n/a	<	0.55	µg/L	EPA 525.2	0.55	2	WKL	GR, Q
MO-SIM	2018/19-2	Wet	11/30/2018 5:30:00 AM	12/19/2018 5:33:00 AM	Thiobencarb	n/a	<	0.025	µg/L	EPA 525.2	0.025	0.2	WKL	
MO-SIM	2018/19-2	Wet	11/30/2018 5:30:00 AM	12/20/2018 3:51:00 AM	Tokuthion	n/a	<	0.016	µg/L	EPA 525.2m	0.016	0.02	WKL	
MO-SIM	2018/19-2	Wet	11/30/2018 5:30:00 AM	1/12/2019 1:30:00 PM	Toxaphene	n/a	<	2.4	µg/L	EPA 608	2.4	10	WKL	
MO-SIM	2018/19-2	Wet	11/30/2018 5:30:00 AM	12/20/2018 3:51:00 AM	Trichloronate	n/a	<	0.013	µg/L	EPA 525.2m	0.013	0.02	WKL	
MO-SIM	2018/19-2	Wet	11/30/2018 5:30:00 AM	12/19/2018 5:33:00 AM	Trithion	n/a	<	0.012	µg/L	EPA 525.2	0.012	0.1	WKL	
MO-SIM	2018/19-3	Wet	1/5/2019 8:40:00 PM	1/6/2019 5:20:00 PM	E. Coli	n/a	=	11199	MPN/100 mL	MMO-MUG	10	10	VCHCA	
MO-SIM	2018/19-3	Wet	1/5/2019 8:40:00 PM	1/6/2019 5:20:00 PM	Total Coliform	n/a	=	547500	MPN/100 mL	MMO-MUG	1000	1000	VCHCA	
MO-SIM	2018/19-3	Wet	1/5/2019 8:40:00 PM	1/5/2019 8:40:00 PM	Conductivity	n/a	=	331.4	µmhos/cm	Field Meter	-88	1	Field Crew	
MO-SIM	2018/19-3	Wet	1/5/2019 8:40:00 PM	1/16/2019 4:44:00 PM	Cyanide	Total	=	0.025	mg/L	ASTM D7511	0.0005	0.002	WKL	
MO-SIM	2018/19-3	Wet	1/5/2019 8:40:00 PM	1/5/2019 8:40:00 PM	DO	n/a	=	9.62	mg/L	Field Meter	-88	0.3	Field Crew	
MO-SIM	2018/19-3	Wet	1/5/2019 8:40:00 PM	1/5/2019 8:40:00 PM	DO	n/a	=	85.8	%	Field Meter	-88	0.1	Field Crew	
MO-SIM	2018/19-3	Wet	1/5/2019 8:40:00 PM	1/5/2019 8:40:00 PM	pH	n/a	=	7.76	pH Units	Field Meter	-88	0.01	Field Crew	
MO-SIM	2018/19-3	Wet	1/5/2019 8:40:00 PM	1/5/2019 8:40:00 PM	Salinity	n/a	=	200	mg/L	Field Meter	-88	100	Field Crew	
MO-SIM	2018/19-3	Wet	1/5/2019 8:40:00 PM	1/5/2019 8:40:00 PM	Specific Conductance	n/a	=	462.6	µmhos/cm	Field Meter	-88	1	Field Crew	
MO-SIM	2018/19-3	Wet	1/5/2019 8:40:00 PM	1/5/2019 8:40:00 PM	Temperature	n/a	=	11	°C	Field Meter	-88	0.1	Field Crew	
MO-SIM	2018/19-3	Wet	1/5/2019 8:40:00 PM	1/12/2019 1:21:00 PM	Gasoline Range Organics	n/a	<	0.012	mg/L	LUFT GC/MS	0.012	0.1	WKL	LB-LCSR
MO-SIM	2018/19-3	Wet	1/5/2019 8:40:00 PM	1/11/2019 3:00:00 PM	Oil and Grease	n/a	<	1.3	mg/L	EPA 1664A	1.3	5	WKL	
MO-SIM	2018/19-3	Wet	1/5/2019 8:40:00 PM	1/8/2019 9:25:00 PM	2-Chloroethyl vinyl ether	n/a	<	0.28	µg/L	EPA 624	0.28	1	WKL	
MO-SIM	2018/19-3	Wet	1/5/2019 8:40:00 PM	1/8/2019 9:25:00 PM	Methyl tert-butyl ether (MTBE)	n/a	<	0.25	µg/L	EPA 624	0.25	1	WKL	
MO-SIM	2018/19-3	Wet	1/5/2019 8:55:00 PM	1/15/2019 10:00:00 PM	Chloride	n/a	=	20	mg/L	EPA 300.0	0.1	0.5	WKL	
MO-SIM	2018/19-3	Wet	1/5/2019 8:55:00 PM	1/15/2019 10:00:00 PM	Fluoride	n/a	=	0.11	mg/L	EPA 300.0	0.02	0.1	WKL	

Appendix G
Laboratory Environmental Analysis Results

Site ID	Event	Event Type	Sample Date	Analysis Date	Constituent	Fraction	Sign	Result	Units	Method	MDL	Reporting Limit	Analyzing Laboratory	Qualifier
MO-SIM	2018/19-3	Wet	1/5/2019 8:55:00 PM	1/9/2019 8:16:00 AM	Perchlorate	n/a	<	0.95	µg/L	EPA 314.0	0.95	2	WKL	
MO-SIM	2018/19-3	Wet	1/5/2019 8:55:00 PM	1/15/2019 10:00:00 PM	Sulfate	Total	=	78	mg/L	EPA 300.0	0.1	0.5	WKL	
MO-SIM	2018/19-3	Wet	1/5/2019 8:55:00 PM	1/30/2019 10:13:00 PM	Calcium	Total	=	67.8	mg/L	EPA 200.7	0.016	0.1	WKL	
MO-SIM	2018/19-3	Wet	1/5/2019 8:55:00 PM	1/30/2019 10:13:00 PM	Magnesium	Total	=	12.8	mg/L	EPA 200.7	0.012	0.1	WKL	
MO-SIM	2018/19-3	Wet	1/5/2019 8:55:00 PM	1/30/2019 10:13:00 PM	Potassium	Total	=	6.1	mg/L	EPA 200.7	0.081	0.1	WKL	
MO-SIM	2018/19-3	Wet	1/5/2019 8:55:00 PM	1/30/2019 10:13:00 PM	Sodium	Total	=	20	mg/L	EPA 200.7	0.015	0.5	WKL	
MO-SIM	2018/19-3	Wet	1/5/2019 8:55:00 PM	1/11/2019 3:58:00 PM	Alkalinity as CaCO3	n/a	=	69	mg/L	SM 2320 B	0.56	2	WKL	
MO-SIM	2018/19-3	Wet	1/5/2019 8:55:00 PM	1/12/2019 12:46:00 PM	BOD	n/a	=	20	mg/L	SM 5210 B	2	2	WKL	
MO-SIM	2018/19-3	Wet	1/5/2019 8:55:00 PM	1/17/2019 11:30:00 AM	COD	n/a	=	140	mg/L	EPA 410.4	0.73	5	WKL	
MO-SIM	2018/19-3	Wet	1/5/2019 8:55:00 PM	1/31/2019 4:14:00 AM	Dissolved Inorganic Carbon	Dissolved	=	10	mg/L	SM 5310 B	0.65	1	TestAmerica	
MO-SIM	2018/19-3	Wet	1/5/2019 8:55:00 PM	1/31/2019 2:27:24 PM	Dissolved Inorganic Carbon	Dissolved	=	8	mg/L	SM 5310 B	0.65	1	TestAmerica	
MO-SIM	2018/19-3	Wet	1/5/2019 8:55:00 PM	1/30/2019 10:13:00 PM	Hardness as CaCO3	Total	=	222	mg/L	EPA 200.7	0.0894	0.662	WKL	
MO-SIM	2018/19-3	Wet	1/5/2019 8:55:00 PM	1/7/2019 2:48:00 PM	MBAS	n/a	=	0.053	mg/L	SM 5540 C	0.019	0.05	WKL	
MO-SIM	2018/19-3	Wet	1/5/2019 8:55:00 PM	1/17/2019 5:46:00 PM	Phenolics	n/a	=	0.044	mg/L	EPA 420.4	0.0042	0.01	WKL	
MO-SIM	2018/19-3	Wet	1/5/2019 8:55:00 PM	1/10/2019 11:39:00 AM	Specific Conductance	n/a	=	370	µmhos/cm	SM 2510 B	0.23	2	WKL	
MO-SIM	2018/19-3	Wet	1/5/2019 8:55:00 PM	1/7/2019 6:56:00 PM	Total Chlorine Residual	n/a	DNQ	0.025	mg/L	SM 4500-Cl G	0.0015	0.05	WKL	EST-HT, UL-MB
MO-SIM	2018/19-3	Wet	1/5/2019 8:55:00 PM	1/10/2019 2:32:00 PM	Total Dissolved Solids	n/a	=	230	mg/L	SM 2540 C	4	10	WKL	
MO-SIM	2018/19-3	Wet	1/5/2019 8:55:00 PM	1/31/2019 4:00:00 PM	Total Organic Carbon	n/a	=	11	mg/L	SM 5310 B	0.21	0.3	MCA	
MO-SIM	2018/19-3	Wet	1/5/2019 8:55:00 PM	1/8/2019 1:30:00 PM	Total Suspended Solids	n/a	=	640	mg/L	SM 2540 D	-88	5	WKL	
MO-SIM	2018/19-3	Wet	1/5/2019 8:55:00 PM	1/7/2019 11:44:00 AM	Turbidity	n/a	=	100	NTU	EPA 180.1	0.12	0.5	WKL	
MO-SIM	2018/19-3	Wet	1/5/2019 8:55:00 PM	1/8/2019 1:30:00 PM	Volatile Suspended Solids	n/a	=	110	mg/L	EPA 160.4	3.1	5	WKL	
MO-SIM	2018/19-3	Wet	1/5/2019 8:55:00 PM	1/23/2019 3:21:00 AM	Diesel Range Organics	n/a	DNQ	0.34	mg/L	EPA 8015D	0.12	0.5	WKL	UL-MB
MO-SIM	2018/19-3	Wet	1/5/2019 8:55:00 PM	1/23/2019 3:21:00 AM	Oil Range Organics	n/a	<	1.6	mg/L	EPA 8015D	1.6	2.5	WKL	
MO-SIM	2018/19-3	Wet	1/5/2019 8:55:00 PM	2/4/2019 9:35:00 PM	Aluminum	Dissolved	=	25	µg/L	EPA 200.8	1.3	5	WKL	
MO-SIM	2018/19-3	Wet	1/5/2019 8:55:00 PM	2/4/2019 9:42:00 PM	Aluminum	Total	=	11000	µg/L	EPA 200.8	1.3	5	WKL	
MO-SIM	2018/19-3	Wet	1/5/2019 8:55:00 PM	2/4/2019 9:35:00 PM	Antimony	Dissolved	=	0.77	µg/L	EPA 200.8	0.045	0.5	WKL	
MO-SIM	2018/19-3	Wet	1/5/2019 8:55:00 PM	2/4/2019 9:42:00 PM	Antimony	Total	=	2.1	µg/L	EPA 200.8	0.045	0.5	WKL	
MO-SIM	2018/19-3	Wet	1/5/2019 8:55:00 PM	2/4/2019 9:35:00 PM	Arsenic	Dissolved	=	0.9	µg/L	EPA 200.8	0.074	0.4	WKL	
MO-SIM	2018/19-3	Wet	1/5/2019 8:55:00 PM	2/4/2019 9:42:00 PM	Arsenic	Total	=	6	µg/L	EPA 200.8	0.074	0.4	WKL	
MO-SIM	2018/19-3	Wet	1/5/2019 8:55:00 PM	2/4/2019 9:42:00 PM	Barium	Total	=	150	µg/L	EPA 200.8	0.071	0.5	WKL	
MO-SIM	2018/19-3	Wet	1/5/2019 8:55:00 PM	2/4/2019 9:35:00 PM	Beryllium	Dissolved	<	0.033	µg/L	EPA 200.8	0.033	0.1	WKL	
MO-SIM	2018/19-3	Wet	1/5/2019 8:55:00 PM	2/4/2019 9:42:00 PM	Beryllium	Total	=	0.36	µg/L	EPA 200.8	0.033	0.1	WKL	
MO-SIM	2018/19-3	Wet	1/5/2019 8:55:00 PM	2/4/2019 9:35:00 PM	Cadmium	Dissolved	<	0.041	µg/L	EPA 200.8	0.041	0.1	WKL	
MO-SIM	2018/19-3	Wet	1/5/2019 8:55:00 PM	2/4/2019 9:42:00 PM	Cadmium	Total	=	1.1	µg/L	EPA 200.8	0.041	0.1	WKL	
MO-SIM	2018/19-3	Wet	1/5/2019 8:55:00 PM	2/4/2019 9:35:00 PM	Chromium	Dissolved	=	0.51	µg/L	EPA 200.8	0.035	0.2	WKL	
MO-SIM	2018/19-3	Wet	1/5/2019 8:55:00 PM	2/4/2019 9:42:00 PM	Chromium	Total	=	18	µg/L	EPA 200.8	0.035	0.2	WKL	
MO-SIM	2018/19-3	Wet	1/5/2019 8:55:00 PM	1/18/2019 3:03:00 PM	Chromium VI	n/a	=	0.42	µg/L	EPA 218.6	0.0048	0.02	WKL	
MO-SIM	2018/19-3	Wet	1/5/2019 8:55:00 PM	2/4/2019 9:35:00 PM	Copper	Dissolved	=	4.6	µg/L	EPA 200.8	0.13	0.5	WKL	
MO-SIM	2018/19-3	Wet	1/5/2019 8:55:00 PM	2/4/2019 9:42:00 PM	Copper	Total	=	45	µg/L	EPA 200.8	0.13	0.5	WKL	
MO-SIM	2018/19-3	Wet	1/5/2019 8:55:00 PM	1/30/2019 9:30:00 PM	Iron	Dissolved	=	53	µg/L	EPA 200.7	1.1	10	WKL	
MO-SIM	2018/19-3	Wet	1/5/2019 8:55:00 PM	1/30/2019 10:13:00 PM	Iron	Total	=	15000	µg/L	EPA 200.7	1.1	10	WKL	
MO-SIM	2018/19-3	Wet	1/5/2019 8:55:00 PM	2/4/2019 9:35:00 PM	Lead	Dissolved	=	0.32	µg/L	EPA 200.8	0.031	0.2	WKL	
MO-SIM	2018/19-3	Wet	1/5/2019 8:55:00 PM	2/4/2019 9:42:00 PM	Lead	Total	=	31	µg/L	EPA 200.8	0.031	0.2	WKL	
MO-SIM	2018/19-3	Wet	1/5/2019 8:55:00 PM	1/10/2019 4:11:00 PM	Mercury	Dissolved	<	17	ng/L	EPA 245.1	17	50	WKL	
MO-SIM	2018/19-3	Wet	1/5/2019 8:55:00 PM	1/10/2019 4:13:00 PM	Mercury	Total	DNQ	39	ng/L	EPA 245.1	17	50	WKL	
MO-SIM	2018/19-3	Wet	1/5/2019 8:55:00 PM	2/4/2019 9:35:00 PM	Nickel	Dissolved	=	1.5	µg/L	EPA 200.8	0.045	0.8	WKL	
MO-SIM	2018/19-3	Wet	1/5/2019 8:55:00 PM	2/4/2019 9:42:00 PM	Nickel	Total	=	18	µg/L	EPA 200.8	0.045	0.8	WKL	
MO-SIM	2018/19-3	Wet	1/5/2019 8:55:00 PM	2/4/2019 9:35:00 PM	Selenium	Dissolved	=	1.1	µg/L	EPA 200.8	0.14	0.4	WKL	

Appendix G
Laboratory Environmental Analysis Results

Site ID	Event	Event Type	Sample Date	Analysis Date	Constituent	Fraction	Sign	Result	Units	Method	MDL	Reporting Limit	Analyzing Laboratory	Qualifier
MO-SIM	2018/19-3	Wet	1/5/2019 8:55:00 PM	2/4/2019 9:42:00 PM	Selenium	Total	=	1.5	µg/L	EPA 200.8	0.14	0.4	WKL	
MO-SIM	2018/19-3	Wet	1/5/2019 8:55:00 PM	2/4/2019 9:35:00 PM	Silver	Dissolved	<	0.062	µg/L	EPA 200.8	0.062	0.2	WKL	
MO-SIM	2018/19-3	Wet	1/5/2019 8:55:00 PM	2/4/2019 9:42:00 PM	Silver	Total	DNQ	0.15	µg/L	EPA 200.8	0.062	0.2	WKL	
MO-SIM	2018/19-3	Wet	1/5/2019 8:55:00 PM	2/4/2019 9:35:00 PM	Thallium	Dissolved	<	0.014	µg/L	EPA 200.8	0.014	0.2	WKL	
MO-SIM	2018/19-3	Wet	1/5/2019 8:55:00 PM	2/4/2019 9:42:00 PM	Thallium	Total	DNQ	0.15	µg/L	EPA 200.8	0.014	0.2	WKL	
MO-SIM	2018/19-3	Wet	1/5/2019 8:55:00 PM	2/4/2019 9:35:00 PM	Zinc	Dissolved	=	10	µg/L	EPA 200.8	0.94	5	WKL	
MO-SIM	2018/19-3	Wet	1/5/2019 8:55:00 PM	2/4/2019 9:42:00 PM	Zinc	Total	=	230	µg/L	EPA 200.8	0.94	5	WKL	
MO-SIM	2018/19-3	Wet	1/5/2019 8:55:00 PM	1/15/2019 6:47:00 PM	Ammonia as N	n/a	=	0.53	mg/L	EPA 350.1	0.048	0.1	WKL	
MO-SIM	2018/19-3	Wet	1/5/2019 8:55:00 PM	1/12/2019 10:12:00 AM	Nitrate + Nitrite as N	n/a	=	1.1	mg/L	EPA 353.2	0.083	0.2	WKL	
MO-SIM	2018/19-3	Wet	1/5/2019 8:55:00 PM	1/17/2019 7:23:00 PM	Phosphorus as P	Dissolved	=	0.063	mg/L	EPA 200.7	0.012	0.02	WKL	
MO-SIM	2018/19-3	Wet	1/5/2019 8:55:00 PM	1/17/2019 7:25:00 PM	Phosphorus as P	Total	=	1.2	mg/L	EPA 200.7	0.012	0.02	WKL	
MO-SIM	2018/19-3	Wet	1/5/2019 8:55:00 PM	1/12/2019 1:50:00 PM	TKN	n/a	=	1.6	mg/L	EPA 351.2	0.05	0.1	WKL	
MO-SIM	2018/19-3	Wet	1/5/2019 8:55:00 PM	1/30/2019 5:33:00 AM	1,2,4-Trichlorobenzene	n/a	<	2.8	µg/L	EPA 625	2.8	5	WKL	
MO-SIM	2018/19-3	Wet	1/5/2019 8:55:00 PM	1/30/2019 5:33:00 AM	1,2-Dichlorobenzene	n/a	<	2.8	µg/L	EPA 625	2.8	5	WKL	
MO-SIM	2018/19-3	Wet	1/5/2019 8:55:00 PM	1/30/2019 5:33:00 AM	1,2-Diphenylhydrazine	n/a	<	1.2	µg/L	EPA 625	1.2	5	WKL	
MO-SIM	2018/19-3	Wet	1/5/2019 8:55:00 PM	1/30/2019 5:33:00 AM	1,3-Dichlorobenzene	n/a	<	2.6	µg/L	EPA 625	2.6	5	WKL	
MO-SIM	2018/19-3	Wet	1/5/2019 8:55:00 PM	1/30/2019 5:33:00 AM	1,4-Dichlorobenzene	n/a	<	2.8	µg/L	EPA 625	2.8	5	WKL	
MO-SIM	2018/19-3	Wet	1/5/2019 8:55:00 PM	2/2/2019 1:31:00 AM	1-Methylnaphthalene	n/a	<	0.5	µg/L	EPA 8270C	0.5	0.5	WKL	
MO-SIM	2018/19-3	Wet	1/5/2019 8:55:00 PM	2/6/2019 1:18:00 AM	2,4,5-Trichlorophenol	n/a	<	1.4	µg/L	EPA 8270C	1.4	5	WKL	
MO-SIM	2018/19-3	Wet	1/5/2019 8:55:00 PM	1/30/2019 5:33:00 AM	2,4,6-Trichlorophenol	n/a	<	1.1	µg/L	EPA 625	1.1	5	WKL	
MO-SIM	2018/19-3	Wet	1/5/2019 8:55:00 PM	2/6/2019 1:18:00 AM	2,4,6-Trichlorophenol	n/a	<	1.5	µg/L	EPA 8270C	1.5	5	WKL	
MO-SIM	2018/19-3	Wet	1/5/2019 8:55:00 PM	2/6/2019 1:18:00 AM	2,4-Dichlorophenol	n/a	<	2.6	µg/L	EPA 8270C	2.6	5	WKL	
MO-SIM	2018/19-3	Wet	1/5/2019 8:55:00 PM	1/30/2019 5:33:00 AM	2,4-Dichlorophenol	n/a	<	1.3	µg/L	EPA 625	1.3	5	WKL	
MO-SIM	2018/19-3	Wet	1/5/2019 8:55:00 PM	2/6/2019 1:18:00 AM	2,4-Dimethylphenol	n/a	<	5	µg/L	EPA 8270C	5	10	WKL	
MO-SIM	2018/19-3	Wet	1/5/2019 8:55:00 PM	1/30/2019 5:33:00 AM	2,4-Dimethylphenol	n/a	<	1.5	µg/L	EPA 625	1.5	5	WKL	
MO-SIM	2018/19-3	Wet	1/5/2019 8:55:00 PM	2/6/2019 1:18:00 AM	2,4-Dinitrophenol	n/a	<	5	µg/L	EPA 8270C	5	10	WKL	
MO-SIM	2018/19-3	Wet	1/5/2019 8:55:00 PM	1/30/2019 5:33:00 AM	2,4-Dinitrophenol	n/a	<	7.9	µg/L	EPA 625	7.9	50	WKL	
MO-SIM	2018/19-3	Wet	1/5/2019 8:55:00 PM	1/30/2019 5:33:00 AM	2,4-Dinitrotoluene	n/a	<	0.9	µg/L	EPA 625	0.9	5	WKL	
MO-SIM	2018/19-3	Wet	1/5/2019 8:55:00 PM	1/30/2019 5:33:00 AM	2,6-Dinitrotoluene	n/a	<	1.4	µg/L	EPA 625	1.4	5	WKL	
MO-SIM	2018/19-3	Wet	1/5/2019 8:55:00 PM	1/30/2019 5:33:00 AM	2-Chloronaphthalene	n/a	<	2.2	µg/L	EPA 625	2.2	5	WKL	
MO-SIM	2018/19-3	Wet	1/5/2019 8:55:00 PM	2/6/2019 1:18:00 AM	2-Chlorophenol	n/a	<	3.2	µg/L	EPA 8270C	3.2	5	WKL	
MO-SIM	2018/19-3	Wet	1/5/2019 8:55:00 PM	1/30/2019 5:33:00 AM	2-Chlorophenol	n/a	<	1.4	µg/L	EPA 625	1.4	5	WKL	
MO-SIM	2018/19-3	Wet	1/5/2019 8:55:00 PM	2/2/2019 1:31:00 AM	2-Methylnaphthalene	n/a	<	0.5	µg/L	EPA 8270C	0.5	0.5	WKL	
MO-SIM	2018/19-3	Wet	1/5/2019 8:55:00 PM	2/6/2019 1:18:00 AM	2-Methylphenol	n/a	<	1.7	µg/L	EPA 8270C	1.7	5	WKL	
MO-SIM	2018/19-3	Wet	1/5/2019 8:55:00 PM	2/6/2019 1:18:00 AM	2-Nitrophenol	n/a	<	3.6	µg/L	EPA 8270C	3.6	5	WKL	
MO-SIM	2018/19-3	Wet	1/5/2019 8:55:00 PM	1/30/2019 5:33:00 AM	2-Nitrophenol	n/a	<	1.3	µg/L	EPA 625	1.3	5	WKL	
MO-SIM	2018/19-3	Wet	1/5/2019 8:55:00 PM	1/30/2019 5:33:00 AM	3,3'-Dichlorobenzidine	n/a	<	6	µg/L	EPA 625	6	25	WKL	
MO-SIM	2018/19-3	Wet	1/5/2019 8:55:00 PM	2/6/2019 1:18:00 AM	3-/4-Methylphenol	n/a	<	1.5	µg/L	EPA 8270C	1.5	5	WKL	
MO-SIM	2018/19-3	Wet	1/5/2019 8:55:00 PM	2/6/2019 1:18:00 AM	4,6-Dinitro-2-methylphenol	n/a	DNQ	2.5	µg/L	EPA 8270C	0.7	5	WKL	
MO-SIM	2018/19-3	Wet	1/5/2019 8:55:00 PM	1/30/2019 5:33:00 AM	4,6-Dinitro-2-methylphenol	n/a	<	8.6	µg/L	EPA 625	8.6	25	WKL	
MO-SIM	2018/19-3	Wet	1/5/2019 8:55:00 PM	1/30/2019 5:33:00 AM	4-Bromophenyl phenyl ether	n/a	<	1.8	µg/L	EPA 625	1.8	5	WKL	
MO-SIM	2018/19-3	Wet	1/5/2019 8:55:00 PM	1/30/2019 5:33:00 AM	4-Chloro-3-methylphenol	n/a	<	1.2	µg/L	EPA 625	1.2	5	WKL	
MO-SIM	2018/19-3	Wet	1/5/2019 8:55:00 PM	2/6/2019 1:18:00 AM	4-Chloro-3-methylphenol	n/a	<	1.8	µg/L	EPA 8270C	1.8	5	WKL	
MO-SIM	2018/19-3	Wet	1/5/2019 8:55:00 PM	1/30/2019 5:33:00 AM	4-Chlorophenyl phenyl ether	n/a	<	2	µg/L	EPA 625	2	5	WKL	
MO-SIM	2018/19-3	Wet	1/5/2019 8:55:00 PM	1/30/2019 5:33:00 AM	4-Nitrophenol	n/a	<	2.2	µg/L	EPA 625	2.2	25	WKL	
MO-SIM	2018/19-3	Wet	1/5/2019 8:55:00 PM	2/6/2019 1:18:00 AM	4-Nitrophenol	n/a	<	5	µg/L	EPA 8270C	5	10	WKL	
MO-SIM	2018/19-3	Wet	1/5/2019 8:55:00 PM	2/2/2019 1:31:00 AM	Acenaphthene	n/a	<	0.5	µg/L	EPA 8270C	0.5	0.5	WKL	
MO-SIM	2018/19-3	Wet	1/5/2019 8:55:00 PM	1/30/2019 5:33:00 AM	Acenaphthene	n/a	<	1.9	µg/L	EPA 625	1.9	5	WKL	

Appendix G
Laboratory Environmental Analysis Results

Site ID	Event	Event Type	Sample Date	Analysis Date	Constituent	Fraction	Sign	Result	Units	Method	MDL	Reporting Limit	Analyzing Laboratory	Qualifier
MO-SIM	2018/19-3	Wet	1/5/2019 8:55:00 PM	2/2/2019 1:31:00 AM	Acenaphthylene	n/a	<	0.5	µg/L	EPA 8270C	0.5	0.5	WKL	
MO-SIM	2018/19-3	Wet	1/5/2019 8:55:00 PM	1/30/2019 5:33:00 AM	Acenaphthylene	n/a	<	2	µg/L	EPA 625	2	5	WKL	
MO-SIM	2018/19-3	Wet	1/5/2019 8:55:00 PM	2/2/2019 1:31:00 AM	Anthracene	n/a	<	0.5	µg/L	EPA 8270C	0.5	0.5	WKL	
MO-SIM	2018/19-3	Wet	1/5/2019 8:55:00 PM	1/30/2019 5:33:00 AM	Anthracene	n/a	<	1.7	µg/L	EPA 625	1.7	5	WKL	
MO-SIM	2018/19-3	Wet	1/5/2019 8:55:00 PM	1/30/2019 5:33:00 AM	Benz(a)anthracene	n/a	<	0.95	µg/L	EPA 625	0.95	5	WKL	
MO-SIM	2018/19-3	Wet	1/5/2019 8:55:00 PM	2/2/2019 1:31:00 AM	Benz(a)anthracene	n/a	<	0.5	µg/L	EPA 8270C	0.5	0.5	WKL	
MO-SIM	2018/19-3	Wet	1/5/2019 8:55:00 PM	1/30/2019 5:33:00 AM	Benzidine	n/a	<	18	µg/L	EPA 625	18	50	WKL	
MO-SIM	2018/19-3	Wet	1/5/2019 8:55:00 PM	1/30/2019 5:33:00 AM	Benzo(a)pyrene	n/a	<	0.65	µg/L	EPA 625	0.65	5	WKL	
MO-SIM	2018/19-3	Wet	1/5/2019 8:55:00 PM	2/2/2019 1:31:00 AM	Benzo(a)pyrene	n/a	<	0.5	µg/L	EPA 8270C	0.5	0.5	WKL	
MO-SIM	2018/19-3	Wet	1/5/2019 8:55:00 PM	2/2/2019 1:06:00 AM	Benzo(a)pyrene	n/a	<	0.35	µg/L	EPA 525.2	0.35	0.5	WKL	
MO-SIM	2018/19-3	Wet	1/5/2019 8:55:00 PM	2/2/2019 1:31:00 AM	Benzo(b)fluoranthene	n/a	<	0.5	µg/L	EPA 8270C	0.5	0.5	WKL	
MO-SIM	2018/19-3	Wet	1/5/2019 8:55:00 PM	1/30/2019 5:33:00 AM	Benzo(b)fluoranthene	n/a	<	0.7	µg/L	EPA 625	0.7	5	WKL	
MO-SIM	2018/19-3	Wet	1/5/2019 8:55:00 PM	1/30/2019 5:33:00 AM	Benzo(g,h,i)perylene	n/a	<	0.5	µg/L	EPA 625	0.5	10	WKL	
MO-SIM	2018/19-3	Wet	1/5/2019 8:55:00 PM	2/2/2019 1:31:00 AM	Benzo(g,h,i)perylene	n/a	<	0.5	µg/L	EPA 8270C	0.5	0.5	WKL	
MO-SIM	2018/19-3	Wet	1/5/2019 8:55:00 PM	1/30/2019 5:33:00 AM	Benzo(k)fluoranthene	n/a	<	1.1	µg/L	EPA 625	1.1	5	WKL	
MO-SIM	2018/19-3	Wet	1/5/2019 8:55:00 PM	2/2/2019 1:31:00 AM	Benzo(k)fluoranthene	n/a	<	0.5	µg/L	EPA 8270C	0.5	0.5	WKL	
MO-SIM	2018/19-3	Wet	1/5/2019 8:55:00 PM	1/30/2019 5:33:00 AM	Bis(2-chloroethoxy)methane	n/a	<	1.2	µg/L	EPA 625	1.2	5	WKL	
MO-SIM	2018/19-3	Wet	1/5/2019 8:55:00 PM	1/30/2019 5:33:00 AM	Bis(2-chloroethyl)ether	n/a	<	1.4	µg/L	EPA 625	1.4	5	WKL	
MO-SIM	2018/19-3	Wet	1/5/2019 8:55:00 PM	1/30/2019 5:33:00 AM	Bis(2-chloroisopropyl)ether	n/a	<	1.9	µg/L	EPA 625	1.9	5	WKL	
MO-SIM	2018/19-3	Wet	1/5/2019 8:55:00 PM	2/2/2019 1:06:00 AM	Bis(2-ethylhexyl)adipate	n/a	<	0.52	µg/L	EPA 525.2	0.52	25	WKL	
MO-SIM	2018/19-3	Wet	1/5/2019 8:55:00 PM	2/2/2019 1:06:00 AM	Bis(2-ethylhexyl)phthalate	n/a	<	5.3	µg/L	EPA 525.2	5.3	15	WKL	
MO-SIM	2018/19-3	Wet	1/5/2019 8:55:00 PM	1/30/2019 5:33:00 AM	Bis(2-ethylhexyl)phthalate	n/a	<	12	µg/L	EPA 625	12	25	WKL	
MO-SIM	2018/19-3	Wet	1/5/2019 8:55:00 PM	1/30/2019 5:33:00 AM	Butyl benzyl phthalate	n/a	<	0.9	µg/L	EPA 625	0.9	5	WKL	
MO-SIM	2018/19-3	Wet	1/5/2019 8:55:00 PM	1/30/2019 5:33:00 AM	Chrysene	n/a	<	0.95	µg/L	EPA 625	0.95	5	WKL	
MO-SIM	2018/19-3	Wet	1/5/2019 8:55:00 PM	2/2/2019 1:31:00 AM	Chrysene	n/a	<	0.5	µg/L	EPA 8270C	0.5	0.5	WKL	
MO-SIM	2018/19-3	Wet	1/5/2019 8:55:00 PM	1/30/2019 5:33:00 AM	Dibenz(a,h)anthracene	n/a	<	0.4	µg/L	EPA 625	0.4	10	WKL	
MO-SIM	2018/19-3	Wet	1/5/2019 8:55:00 PM	2/2/2019 1:31:00 AM	Dibenz(a,h)anthracene	n/a	<	0.5	µg/L	EPA 8270C	0.5	0.5	WKL	
MO-SIM	2018/19-3	Wet	1/5/2019 8:55:00 PM	1/30/2019 5:33:00 AM	Diethyl phthalate	n/a	<	0.75	µg/L	EPA 625	0.75	5	WKL	
MO-SIM	2018/19-3	Wet	1/5/2019 8:55:00 PM	1/30/2019 5:33:00 AM	Dimethyl phthalate	n/a	<	0.9	µg/L	EPA 625	0.9	5	WKL	
MO-SIM	2018/19-3	Wet	1/5/2019 8:55:00 PM	1/30/2019 5:33:00 AM	Di-n-butylphthalate	n/a	<	1.2	µg/L	EPA 625	1.2	5	WKL	
MO-SIM	2018/19-3	Wet	1/5/2019 8:55:00 PM	1/30/2019 5:33:00 AM	Di-n-octylphthalate	n/a	<	0.95	µg/L	EPA 625	0.95	5	WKL	
MO-SIM	2018/19-3	Wet	1/5/2019 8:55:00 PM	1/30/2019 5:33:00 AM	Fluoranthene	n/a	<	1.1	µg/L	EPA 625	1.1	5	WKL	
MO-SIM	2018/19-3	Wet	1/5/2019 8:55:00 PM	2/2/2019 1:31:00 AM	Fluoranthene	n/a	<	0.5	µg/L	EPA 8270C	0.5	0.5	WKL	
MO-SIM	2018/19-3	Wet	1/5/2019 8:55:00 PM	1/30/2019 5:33:00 AM	Fluorene	n/a	<	1.8	µg/L	EPA 625	1.8	5	WKL	
MO-SIM	2018/19-3	Wet	1/5/2019 8:55:00 PM	2/2/2019 1:31:00 AM	Fluorene	n/a	<	0.5	µg/L	EPA 8270C	0.5	0.5	WKL	
MO-SIM	2018/19-3	Wet	1/5/2019 8:55:00 PM	1/30/2019 5:33:00 AM	Hexachlorobenzene	n/a	<	2.4	µg/L	EPA 625	2.4	5	WKL	
MO-SIM	2018/19-3	Wet	1/5/2019 8:55:00 PM	1/30/2019 5:33:00 AM	Hexachlorobutadiene	n/a	<	2.4	µg/L	EPA 625	2.4	5	WKL	
MO-SIM	2018/19-3	Wet	1/5/2019 8:55:00 PM	1/30/2019 5:33:00 AM	Hexachlorocyclopentadiene	n/a	<	7.3	µg/L	EPA 625	7.3	25	WKL	
MO-SIM	2018/19-3	Wet	1/5/2019 8:55:00 PM	1/30/2019 5:33:00 AM	Hexachloroethane	n/a	<	2.6	µg/L	EPA 625	2.6	5	WKL	
MO-SIM	2018/19-3	Wet	1/5/2019 8:55:00 PM	1/30/2019 5:33:00 AM	Indeno(1,2,3-cd)pyrene	n/a	<	0.6	µg/L	EPA 625	0.6	10	WKL	
MO-SIM	2018/19-3	Wet	1/5/2019 8:55:00 PM	2/2/2019 1:31:00 AM	Indeno(1,2,3-cd)pyrene	n/a	<	0.5	µg/L	EPA 8270C	0.5	0.5	WKL	
MO-SIM	2018/19-3	Wet	1/5/2019 8:55:00 PM	1/30/2019 5:33:00 AM	Isophorone	n/a	<	1	µg/L	EPA 625	1	5	WKL	
MO-SIM	2018/19-3	Wet	1/5/2019 8:55:00 PM	1/30/2019 5:33:00 AM	Naphthalene	n/a	<	2.4	µg/L	EPA 625	2.4	5	WKL	
MO-SIM	2018/19-3	Wet	1/5/2019 8:55:00 PM	2/2/2019 1:31:00 AM	Naphthalene	n/a	<	0.5	µg/L	EPA 8270C	0.5	0.5	WKL	
MO-SIM	2018/19-3	Wet	1/5/2019 8:55:00 PM	1/30/2019 5:33:00 AM	Nitrobenzene	n/a	<	1.8	µg/L	EPA 625	1.8	5	WKL	
MO-SIM	2018/19-3	Wet	1/5/2019 8:55:00 PM	1/30/2019 5:33:00 AM	N-Nitrosodimethylamine	n/a	<	0.7	µg/L	EPA 625	0.7	5	WKL	
MO-SIM	2018/19-3	Wet	1/5/2019 8:55:00 PM	1/30/2019 5:33:00 AM	N-Nitrosodi-N-propylamine	n/a	<	1.3	µg/L	EPA 625	1.3	5	WKL	
MO-SIM	2018/19-3	Wet	1/5/2019 8:55:00 PM	1/30/2019 5:33:00 AM	N-Nitrosodiphenylamine	n/a	<	0.95	µg/L	EPA 625	0.95	5	WKL	

Appendix G
Laboratory Environmental Analysis Results

Site ID	Event	Event Type	Sample Date	Analysis Date	Constituent	Fraction	Sign	Result	Units	Method	MDL	Reporting Limit	Analyzing Laboratory	Qualifier
MO-SIM	2018/19-3	Wet	1/5/2019 8:55:00 PM	2/2/2019 1:31:00 AM	Phenanthrene	n/a	<	0.5	µg/L	EPA 8270C	0.5	0.5	WKL	
MO-SIM	2018/19-3	Wet	1/5/2019 8:55:00 PM	1/30/2019 5:33:00 AM	Phenanthrene	n/a	<	1.6	µg/L	EPA 625	1.6	5	WKL	
MO-SIM	2018/19-3	Wet	1/5/2019 8:55:00 PM	1/30/2019 5:33:00 AM	Phenol	n/a	<	0.8	µg/L	EPA 625	0.8	5	WKL	
MO-SIM	2018/19-3	Wet	1/5/2019 8:55:00 PM	2/6/2019 1:18:00 AM	Phenol	n/a	<	1.8	µg/L	EPA 8270C	1.8	5	WKL	
MO-SIM	2018/19-3	Wet	1/5/2019 8:55:00 PM	1/30/2019 5:33:00 AM	Pyrene	n/a	<	1.2	µg/L	EPA 625	1.2	5	WKL	
MO-SIM	2018/19-3	Wet	1/5/2019 8:55:00 PM	2/2/2019 1:31:00 AM	Pyrene	n/a	<	0.5	µg/L	EPA 8270C	0.5	0.5	WKL	
MO-SIM	2018/19-3	Wet	1/5/2019 8:55:00 PM	1/31/2019 3:41:00 AM	PCB Aroclor 1016	n/a	<	1	µg/L	EPA 608	1	10	WKL	
MO-SIM	2018/19-3	Wet	1/5/2019 8:55:00 PM	1/31/2019 3:41:00 AM	PCB Aroclor 1221	n/a	<	1.2	µg/L	EPA 608	1.2	10	WKL	
MO-SIM	2018/19-3	Wet	1/5/2019 8:55:00 PM	1/31/2019 3:41:00 AM	PCB Aroclor 1232	n/a	<	3	µg/L	EPA 608	3	10	WKL	
MO-SIM	2018/19-3	Wet	1/5/2019 8:55:00 PM	1/31/2019 3:41:00 AM	PCB Aroclor 1242	n/a	<	1.4	µg/L	EPA 608	1.4	10	WKL	
MO-SIM	2018/19-3	Wet	1/5/2019 8:55:00 PM	1/31/2019 3:41:00 AM	PCB Aroclor 1248	n/a	<	1.2	µg/L	EPA 608	1.2	10	WKL	
MO-SIM	2018/19-3	Wet	1/5/2019 8:55:00 PM	1/31/2019 3:41:00 AM	PCB Aroclor 1254	n/a	<	0.8	µg/L	EPA 608	0.8	10	WKL	
MO-SIM	2018/19-3	Wet	1/5/2019 8:55:00 PM	1/31/2019 3:41:00 AM	PCB Aroclor 1260	n/a	<	0.8	µg/L	EPA 608	0.8	10	WKL	
MO-SIM	2018/19-3	Wet	1/5/2019 8:55:00 PM	1/16/2019 9:22:00 AM	2,4,5-T	n/a	<	0.07	µg/L	EPA 515.3	0.07	0.2	WKL	
MO-SIM	2018/19-3	Wet	1/5/2019 8:55:00 PM	1/16/2019 9:22:00 AM	2,4,5-TP	n/a	<	0.09	µg/L	EPA 515.3	0.09	0.2	WKL	
MO-SIM	2018/19-3	Wet	1/5/2019 8:55:00 PM	1/16/2019 9:22:00 AM	2,4-D	n/a	=	5.5	µg/L	EPA 515.3	0.07	0.4	WKL	
MO-SIM	2018/19-3	Wet	1/5/2019 8:55:00 PM	1/16/2019 9:22:00 AM	2,4-DB	n/a	DNQ	0.34	µg/L	EPA 515.3	0.07	2	WKL	
MO-SIM	2018/19-3	Wet	1/5/2019 8:55:00 PM	1/16/2019 9:22:00 AM	3,5-Dichlorobenzoic acid	n/a	<	0.09	µg/L	EPA 515.3	0.09	1	WKL	
MO-SIM	2018/19-3	Wet	1/5/2019 8:55:00 PM	1/31/2019 3:41:00 AM	4,4'-DDD	n/a	<	0.06	µg/L	EPA 608	0.06	1	WKL	
MO-SIM	2018/19-3	Wet	1/5/2019 8:55:00 PM	1/31/2019 3:41:00 AM	4,4'-DDE	n/a	<	0.05	µg/L	EPA 608	0.05	1	WKL	
MO-SIM	2018/19-3	Wet	1/5/2019 8:55:00 PM	1/31/2019 3:41:00 AM	4,4'-DDT	n/a	<	0.062	µg/L	EPA 608	0.062	0.2	WKL	
MO-SIM	2018/19-3	Wet	1/5/2019 8:55:00 PM	1/16/2019 9:22:00 AM	Acifluorfen	n/a	<	0.06	µg/L	EPA 515.3	0.06	0.4	WKL	
MO-SIM	2018/19-3	Wet	1/5/2019 8:55:00 PM	2/2/2019 1:06:00 AM	Alachlor	n/a	<	0.11	µg/L	EPA 525.2	0.11	0.5	WKL	
MO-SIM	2018/19-3	Wet	1/5/2019 8:55:00 PM	1/31/2019 3:41:00 AM	Aldrin	n/a	<	0.03	µg/L	EPA 608	0.03	0.1	WKL	
MO-SIM	2018/19-3	Wet	1/5/2019 8:55:00 PM	1/31/2019 3:41:00 AM	alpha-BHC	n/a	<	0.036	µg/L	EPA 608	0.036	0.2	WKL	
MO-SIM	2018/19-3	Wet	1/5/2019 8:55:00 PM	1/31/2019 3:41:00 AM	alpha-Chlordane	n/a	<	0.082	µg/L	EPA 608	0.082	0.2	WKL	
MO-SIM	2018/19-3	Wet	1/5/2019 8:55:00 PM	2/2/2019 1:06:00 AM	Atrazine	n/a	<	0.17	µg/L	EPA 525.2	0.17	0.5	WKL	
MO-SIM	2018/19-3	Wet	1/5/2019 8:55:00 PM	1/26/2019 2:57:00 AM	Azinphos methyl	n/a	<	0.055	µg/L	EPA 525.2m	0.055	0.1	WKL	
MO-SIM	2018/19-3	Wet	1/5/2019 8:55:00 PM	1/16/2019 9:22:00 AM	Bentazon	n/a	<	0.11	µg/L	EPA 515.3	0.11	2	WKL	
MO-SIM	2018/19-3	Wet	1/5/2019 8:55:00 PM	1/31/2019 3:41:00 AM	beta-BHC	n/a	<	0.062	µg/L	EPA 608	0.062	0.1	WKL	
MO-SIM	2018/19-3	Wet	1/5/2019 8:55:00 PM	1/26/2019 2:57:00 AM	Bolstar	n/a	<	0.046	µg/L	EPA 525.2m	0.046	0.1	WKL	
MO-SIM	2018/19-3	Wet	1/5/2019 8:55:00 PM	2/2/2019 1:06:00 AM	Bromacil	n/a	<	0.19	µg/L	EPA 525.2	0.19	5	WKL	
MO-SIM	2018/19-3	Wet	1/5/2019 8:55:00 PM	2/2/2019 1:06:00 AM	Butachlor	n/a	<	0.085	µg/L	EPA 525.2	0.085	1	WKL	
MO-SIM	2018/19-3	Wet	1/5/2019 8:55:00 PM	2/2/2019 1:06:00 AM	Captan	n/a	<	4.3	µg/L	EPA 525.2	4.3	5	WKL	LB-LCSR
MO-SIM	2018/19-3	Wet	1/5/2019 8:55:00 PM	1/31/2019 3:41:00 AM	Chlordane (technical)	n/a	<	1.6	µg/L	EPA 608	1.6	2	WKL	
MO-SIM	2018/19-3	Wet	1/5/2019 8:55:00 PM	2/2/2019 1:06:00 AM	Chlorpropham	n/a	<	0.05	µg/L	EPA 525.2	0.05	0.5	WKL	
MO-SIM	2018/19-3	Wet	1/5/2019 8:55:00 PM	1/26/2019 2:57:00 AM	Chlorpyrifos	n/a	<	0.069	µg/L	EPA 525.2m	0.069	0.1	WKL	
MO-SIM	2018/19-3	Wet	1/5/2019 8:55:00 PM	1/26/2019 2:57:00 AM	Coumaphos	n/a	<	0.051	µg/L	EPA 525.2m	0.051	0.1	WKL	
MO-SIM	2018/19-3	Wet	1/5/2019 8:55:00 PM	2/2/2019 1:06:00 AM	Cyanazine	n/a	<	0.12	µg/L	EPA 525.2	0.12	0.5	WKL	
MO-SIM	2018/19-3	Wet	1/5/2019 8:55:00 PM	1/16/2019 9:22:00 AM	Dalapon	n/a	<	0.1	µg/L	EPA 515.3	0.1	0.4	WKL	
MO-SIM	2018/19-3	Wet	1/5/2019 8:55:00 PM	1/16/2019 9:22:00 AM	DCPA (Daacthal)	n/a	<	0.07	µg/L	EPA 515.3	0.07	0.1	WKL	
MO-SIM	2018/19-3	Wet	1/5/2019 8:55:00 PM	1/31/2019 3:41:00 AM	delta-BHC	n/a	<	0.05	µg/L	EPA 608	0.05	0.1	WKL	
MO-SIM	2018/19-3	Wet	1/5/2019 8:55:00 PM	1/26/2019 2:57:00 AM	Demeton-O	n/a	<	0.1	µg/L	EPA 525.2m	0.1	0.1	WKL	
MO-SIM	2018/19-3	Wet	1/5/2019 8:55:00 PM	1/26/2019 2:57:00 AM	Demeton-S	n/a	<	0.1	µg/L	EPA 525.2m	0.1	0.1	WKL	
MO-SIM	2018/19-3	Wet	1/5/2019 8:55:00 PM	2/2/2019 1:06:00 AM	Diazinon	n/a	<	0.48	µg/L	EPA 525.2	0.48	0.5	WKL	
MO-SIM	2018/19-3	Wet	1/5/2019 8:55:00 PM	1/26/2019 2:57:00 AM	Diazinon	n/a	<	0.052	µg/L	EPA 525.2m	0.052	0.1	WKL	
MO-SIM	2018/19-3	Wet	1/5/2019 8:55:00 PM	1/16/2019 9:22:00 AM	Dicamba	n/a	DNQ	0.2	µg/L	EPA 515.3	0.12	0.6	WKL	
MO-SIM	2018/19-3	Wet	1/5/2019 8:55:00 PM	1/16/2019 9:22:00 AM	Dichlorprop	n/a	<	0.08	µg/L	EPA 515.3	0.08	0.3	WKL	

Appendix G
Laboratory Environmental Analysis Results

Site ID	Event	Event Type	Sample Date	Analysis Date	Constituent	Fraction	Sign	Result	Units	Method	MDL	Reporting Limit	Analyzing Laboratory	Qualifier
MO-SIM	2018/19-3	Wet	1/5/2019 8:55:00 PM	1/26/2019 2:57:00 AM	Dichlorvos	n/a	<	0.029	µg/L	EPA 525.2m	0.029	0.1	WKL	
MO-SIM	2018/19-3	Wet	1/5/2019 8:55:00 PM	1/31/2019 3:41:00 AM	Dieldrin	n/a	<	0.042	µg/L	EPA 608	0.042	0.2	WKL	
MO-SIM	2018/19-3	Wet	1/5/2019 8:55:00 PM	1/26/2019 2:57:00 AM	Dimethoate	n/a	<	0.062	µg/L	EPA 525.2m	0.062	0.1	WKL	
MO-SIM	2018/19-3	Wet	1/5/2019 8:55:00 PM	2/2/2019 1:06:00 AM	Dimethoate	n/a	<	0.12	µg/L	EPA 525.2	0.12	1	WKL	
MO-SIM	2018/19-3	Wet	1/5/2019 8:55:00 PM	1/16/2019 9:22:00 AM	Dinoseb	n/a	<	0.14	µg/L	EPA 515.3	0.14	0.4	WKL	
MO-SIM	2018/19-3	Wet	1/5/2019 8:55:00 PM	2/2/2019 1:06:00 AM	Diphenamid	n/a	<	0.12	µg/L	EPA 525.2	0.12	0.5	WKL	
MO-SIM	2018/19-3	Wet	1/5/2019 8:55:00 PM	2/2/2019 1:06:00 AM	Disulfoton	n/a	<	0.16	µg/L	EPA 525.2	0.16	0.5	WKL	
MO-SIM	2018/19-3	Wet	1/5/2019 8:55:00 PM	1/26/2019 2:57:00 AM	Disulfoton	n/a	<	0.1	µg/L	EPA 525.2m	0.1	0.1	WKL	
MO-SIM	2018/19-3	Wet	1/5/2019 8:55:00 PM	1/31/2019 3:41:00 AM	Endosulfan I	n/a	<	0.034	µg/L	EPA 608	0.034	0.4	WKL	
MO-SIM	2018/19-3	Wet	1/5/2019 8:55:00 PM	1/31/2019 3:41:00 AM	Endosulfan II	n/a	<	0.038	µg/L	EPA 608	0.038	0.2	WKL	
MO-SIM	2018/19-3	Wet	1/5/2019 8:55:00 PM	1/31/2019 3:41:00 AM	Endosulfan sulfate	n/a	<	0.16	µg/L	EPA 608	0.16	1	WKL	
MO-SIM	2018/19-3	Wet	1/5/2019 8:55:00 PM	1/31/2019 3:41:00 AM	Endrin	n/a	<	0.056	µg/L	EPA 608	0.056	0.2	WKL	
MO-SIM	2018/19-3	Wet	1/5/2019 8:55:00 PM	1/31/2019 3:41:00 AM	Endrin aldehyde	n/a	<	0.06	µg/L	EPA 608	0.06	0.2	WKL	LB-LCSR
MO-SIM	2018/19-3	Wet	1/5/2019 8:55:00 PM	2/2/2019 1:06:00 AM	EPTC	n/a	<	0.085	µg/L	EPA 525.2	0.085	5	WKL	
MO-SIM	2018/19-3	Wet	1/5/2019 8:55:00 PM	1/26/2019 2:57:00 AM	Ethoprop	n/a	<	0.067	µg/L	EPA 525.2m	0.067	0.1	WKL	
MO-SIM	2018/19-3	Wet	1/5/2019 8:55:00 PM	1/26/2019 2:57:00 AM	Ethyl parathion	n/a	<	0.054	µg/L	EPA 525.2m	0.054	0.1	WKL	
MO-SIM	2018/19-3	Wet	1/5/2019 8:55:00 PM	1/26/2019 2:57:00 AM	Fensulfothion	n/a	<	0.029	µg/L	EPA 525.2m	0.029	0.1	WKL	
MO-SIM	2018/19-3	Wet	1/5/2019 8:55:00 PM	1/26/2019 2:57:00 AM	Fenthion	n/a	<	0.038	µg/L	EPA 525.2m	0.038	0.1	WKL	
MO-SIM	2018/19-3	Wet	1/5/2019 8:55:00 PM	1/31/2019 3:41:00 AM	gamma-BHC (Lindane)	n/a	<	0.042	µg/L	EPA 608	0.042	0.4	WKL	
MO-SIM	2018/19-3	Wet	1/5/2019 8:55:00 PM	1/31/2019 3:41:00 AM	gamma-Chlordane	n/a	<	0.088	µg/L	EPA 608	0.088	0.2	WKL	
MO-SIM	2018/19-3	Wet	1/5/2019 8:55:00 PM	1/10/2019 4:38:00 AM	Glyphosate	n/a	=	9.9	µg/L	EPA 547	1.8	5	WKL	
MO-SIM	2018/19-3	Wet	1/5/2019 8:55:00 PM	1/31/2019 3:41:00 AM	Heptachlor	n/a	<	0.034	µg/L	EPA 608	0.034	0.2	WKL	
MO-SIM	2018/19-3	Wet	1/5/2019 8:55:00 PM	1/31/2019 3:41:00 AM	Heptachlor epoxide	n/a	<	0.038	µg/L	EPA 608	0.038	0.2	WKL	
MO-SIM	2018/19-3	Wet	1/5/2019 8:55:00 PM	1/26/2019 2:57:00 AM	Malathion	n/a	<	0.076	µg/L	EPA 525.2m	0.076	0.1	WKL	
MO-SIM	2018/19-3	Wet	1/5/2019 8:55:00 PM	1/26/2019 2:57:00 AM	Merphos	n/a	<	0.058	µg/L	EPA 525.2m	0.058	0.1	WKL	
MO-SIM	2018/19-3	Wet	1/5/2019 8:55:00 PM	1/31/2019 3:41:00 AM	Methoxychlor	n/a	<	0.11	µg/L	EPA 608	0.11	0.4	WKL	
MO-SIM	2018/19-3	Wet	1/5/2019 8:55:00 PM	1/26/2019 2:57:00 AM	Methyl parathion	n/a	<	0.063	µg/L	EPA 525.2m	0.063	0.1	WKL	
MO-SIM	2018/19-3	Wet	1/5/2019 8:55:00 PM	2/2/2019 1:06:00 AM	Metolachlor	n/a	<	0.06	µg/L	EPA 525.2	0.06	0.5	WKL	
MO-SIM	2018/19-3	Wet	1/5/2019 8:55:00 PM	2/2/2019 1:06:00 AM	Metribuzin	n/a	DNQ	0.22	µg/L	EPA 525.2	0.075	0.5	WKL	
MO-SIM	2018/19-3	Wet	1/5/2019 8:55:00 PM	1/26/2019 1:06:00 AM	Mevinphos	n/a	<	0.042	µg/L	EPA 525.2m	0.042	0.1	WKL	
MO-SIM	2018/19-3	Wet	1/5/2019 8:55:00 PM	2/2/2019 1:06:00 AM	Molinate	n/a	<	0.2	µg/L	EPA 525.2	0.2	0.5	WKL	
MO-SIM	2018/19-3	Wet	1/5/2019 8:55:00 PM	1/26/2019 2:57:00 AM	Naled	n/a	<	0.076	µg/L	EPA 525.2m	0.076	0.1	WKL	
MO-SIM	2018/19-3	Wet	1/5/2019 8:55:00 PM	2/6/2019 1:18:00 AM	Pentachlorophenol	n/a	<	0.75	µg/L	EPA 8270C	0.75	5	WKL	
MO-SIM	2018/19-3	Wet	1/5/2019 8:55:00 PM	1/30/2019 5:33:00 AM	Pentachlorophenol	n/a	<	0.95	µg/L	EPA 625	0.95	5	WKL	
MO-SIM	2018/19-3	Wet	1/5/2019 8:55:00 PM	1/16/2019 9:22:00 AM	Pentachlorophenol	n/a	DNQ	0.16	µg/L	EPA 515.3	0.04	0.2	WKL	
MO-SIM	2018/19-3	Wet	1/5/2019 8:55:00 PM	1/26/2019 2:57:00 AM	Phorate	n/a	<	0.03	µg/L	EPA 525.2m	0.03	0.1	WKL	
MO-SIM	2018/19-3	Wet	1/5/2019 8:55:00 PM	1/16/2019 9:22:00 AM	Picloram	n/a	<	0.05	µg/L	EPA 515.3	0.05	0.6	WKL	
MO-SIM	2018/19-3	Wet	1/5/2019 8:55:00 PM	2/2/2019 1:06:00 AM	Prometon	n/a	<	0.12	µg/L	EPA 525.2	0.12	1	WKL	
MO-SIM	2018/19-3	Wet	1/5/2019 8:55:00 PM	2/2/2019 1:06:00 AM	Prometryn	n/a	<	0.18	µg/L	EPA 525.2	0.18	0.5	WKL	
MO-SIM	2018/19-3	Wet	1/5/2019 8:55:00 PM	1/26/2019 2:57:00 AM	Ronnel (Fenchlorphos)	n/a	<	0.041	µg/L	EPA 525.2m	0.041	0.1	WKL	
MO-SIM	2018/19-3	Wet	1/5/2019 8:55:00 PM	2/2/2019 1:06:00 AM	Simazine	n/a	<	0.075	µg/L	EPA 525.2	0.075	0.5	WKL	
MO-SIM	2018/19-3	Wet	1/5/2019 8:55:00 PM	1/26/2019 2:57:00 AM	Stirophos (Tetrachlorvinphos)	n/a	<	0.031	µg/L	EPA 525.2m	0.031	0.1	WKL	
MO-SIM	2018/19-3	Wet	1/5/2019 8:55:00 PM	2/2/2019 1:06:00 AM	Terbacil	n/a	<	2.8	µg/L	EPA 525.2	2.8	10	WKL	
MO-SIM	2018/19-3	Wet	1/5/2019 8:55:00 PM	2/2/2019 1:06:00 AM	Thiobencarb	n/a	<	0.12	µg/L	EPA 525.2	0.12	1	WKL	
MO-SIM	2018/19-3	Wet	1/5/2019 8:55:00 PM	1/26/2019 2:57:00 AM	Tokuthion	n/a	<	0.078	µg/L	EPA 525.2m	0.078	0.1	WKL	
MO-SIM	2018/19-3	Wet	1/5/2019 8:55:00 PM	1/31/2019 3:41:00 AM	Toxaphene	n/a	<	2.4	µg/L	EPA 608	2.4	10	WKL	
MO-SIM	2018/19-3	Wet	1/5/2019 8:55:00 PM	1/26/2019 2:57:00 AM	Trichloronate	n/a	<	0.067	µg/L	EPA 525.2m	0.067	0.1	WKL	
MO-SIM	2018/19-3	Wet	1/5/2019 8:55:00 PM	2/2/2019 1:06:00 AM	Trithion	n/a	<	0.06	µg/L	EPA 525.2	0.06	0.5	WKL	

Appendix G
Laboratory Environmental Analysis Results

Site ID	Event	Event Type	Sample Date	Analysis Date	Constituent	Fraction	Sign	Result	Units	Method	MDL	Reporting Limit	Analyzing Laboratory	Qualifier
MO-SIM	2018/19-5	Dry	5/14/2019 9:40:00 AM	5/17/2019 12:00:00 PM	Chloride	n/a	=	160	mg/L	EPA 300.0	1	5	WKL	
MO-SIM	2018/19-5	Dry	5/14/2019 9:40:00 AM	5/17/2019 12:00:00 PM	Fluoride	n/a	DNQ	0.4	mg/L	EPA 300.0	0.2	1	WKL	
MO-SIM	2018/19-5	Dry	5/14/2019 9:40:00 AM	5/18/2019 9:24:00 AM	Perchlorate	n/a	<	9.5	µg/L	EPA 314.0	9.5	20	WKL	
MO-SIM	2018/19-5	Dry	5/14/2019 9:40:00 AM	5/17/2019 12:00:00 PM	Sulfate	Total	=	960	mg/L	EPA 300.0	1	5	WKL	
MO-SIM	2018/19-5	Dry	5/14/2019 9:40:00 AM	5/15/2019 8:00:00 AM	E. Coli	n/a	=	183	MPN/100 mL	MMO-MUG	10	10	VCHCA	
MO-SIM	2018/19-5	Dry	5/14/2019 9:40:00 AM	5/15/2019 8:00:00 AM	Total Coliform	n/a	=	2143	MPN/100 mL	MMO-MUG	10	10	VCHCA	
MO-SIM	2018/19-5	Dry	5/14/2019 9:40:00 AM	5/22/2019 6:13:00 PM	Calcium	Total	=	332	mg/L	EPA 200.7	0.16	1	WKL	
MO-SIM	2018/19-5	Dry	5/14/2019 9:40:00 AM	5/22/2019 5:52:00 PM	Magnesium	Total	=	113	mg/L	EPA 200.7	0.012	0.1	WKL	
MO-SIM	2018/19-5	Dry	5/14/2019 9:40:00 AM	5/22/2019 5:52:00 PM	Potassium	Total	=	6.4	mg/L	EPA 200.7	0.081	0.1	WKL	
MO-SIM	2018/19-5	Dry	5/14/2019 9:40:00 AM	5/22/2019 5:52:00 PM	Sodium	Total	=	240	mg/L	EPA 200.7	0.015	0.5	WKL	
MO-SIM	2018/19-5	Dry	5/14/2019 9:40:00 AM	5/17/2019 2:10:00 PM	Alkalinity as CaCO3	n/a	=	280	mg/L	SM 2320 B	0.56	2	WKL	
MO-SIM	2018/19-5	Dry	5/14/2019 9:40:00 AM	5/20/2019 6:51:00 PM	BOD	n/a	<	2	mg/L	SM 5210 B	2	2	WKL	
MO-SIM	2018/19-5	Dry	5/14/2019 9:40:00 AM	5/17/2019 3:11:00 PM	COD	n/a	=	5.6	mg/L	EPA 410.4	0.73	5	WKL	
MO-SIM	2018/19-5	Dry	5/14/2019 9:40:00 AM	5/14/2019 9:40:00 AM	Conductivity	n/a	=	2556	µmhos/cm	Field Meter	-88	1	Field Crew	
MO-SIM	2018/19-5	Dry	5/14/2019 9:40:00 AM	5/23/2019 5:06:00 PM	Cyanide	Total	<	0.0005	mg/L	ASTM D7511	0.0005	0.002	WKL	
MO-SIM	2018/19-5	Dry	5/14/2019 9:40:00 AM	5/17/2019 2:14:00 PM	Dissolved Inorganic Carbon	Dissolved	=	67	mg/L	SM 5310 B	0.016	0.1	WKL	
MO-SIM	2018/19-5	Dry	5/14/2019 9:40:00 AM	5/22/2019 2:50:00 PM	Dissolved Organic Carbon	Dissolved	=	3.5	mg/L	SM 5310 B	0.013	0.3	WKL	
MO-SIM	2018/19-5	Dry	5/14/2019 9:40:00 AM	5/14/2019 9:40:00 AM	DO	n/a	=	107	%	Field Meter	-88	n/a	Field Crew	
MO-SIM	2018/19-5	Dry	5/14/2019 9:40:00 AM	5/14/2019 9:40:00 AM	DO	n/a	=	9.69	mg/L	Field Meter	-88	0.3	Field Crew	
MO-SIM	2018/19-5	Dry	5/14/2019 9:40:00 AM	5/22/2019 6:13:00 PM	Hardness as CaCO3	Total	=	1290	mg/L	EPA 200.7	0.449	2.91	WKL	
MO-SIM	2018/19-5	Dry	5/14/2019 9:40:00 AM	5/15/2019 7:15:00 PM	MBAS	n/a	<	0.019	mg/L	SM 5540 C	0.019	0.05	WKL	
MO-SIM	2018/19-5	Dry	5/14/2019 9:40:00 AM	5/14/2019 9:40:00 AM	pH	n/a	=	8.01	pH Units	Field Meter	-88	0.01	Field Crew	
MO-SIM	2018/19-5	Dry	5/14/2019 9:40:00 AM	5/21/2019 6:19:00 PM	Phenolics	n/a	<	0.0042	mg/L	EPA 420.4	0.0042	0.01	WKL	
MO-SIM	2018/19-5	Dry	5/14/2019 9:40:00 AM	5/14/2019 9:40:00 AM	Salinity	n/a	=	1500	mg/L	Field Meter	-88	100	Field Crew	
MO-SIM	2018/19-5	Dry	5/14/2019 9:40:00 AM	5/14/2019 9:40:00 AM	Specific Conductance	n/a	=	2830	µmhos/cm	Field Meter	-88	1	Field Crew	
MO-SIM	2018/19-5	Dry	5/14/2019 9:40:00 AM	5/16/2019 12:59:00 PM	Specific Conductance	n/a	=	3600	µmhos/cm	SM 2510 B	0.94	8	WKL	
MO-SIM	2018/19-5	Dry	5/14/2019 9:40:00 AM	5/14/2019 9:40:00 AM	Temperature	n/a	=	19.9	°C	Field Meter	-88	0.1	Field Crew	
MO-SIM	2018/19-5	Dry	5/14/2019 9:40:00 AM	5/15/2019 6:39:00 PM	Total Dissolved Solids	n/a	=	2300	mg/L	SM 2540 C	4	10	WKL	
MO-SIM	2018/19-5	Dry	5/14/2019 9:40:00 AM	5/20/2019 3:38:00 PM	Total Organic Carbon	n/a	=	3.3	mg/L	SM 5310 B	0.009	0.3	WKL	
MO-SIM	2018/19-5	Dry	5/14/2019 9:40:00 AM	5/17/2019 9:28:00 AM	Total Suspended Solids	n/a	DNQ	2	mg/L	SM 2540 D	-88	5	WKL	UL-MB
MO-SIM	2018/19-5	Dry	5/14/2019 9:40:00 AM	5/14/2019 5:50:00 PM	Turbidity	n/a	=	0.76	NTU	EPA 180.1	0.024	0.1	WKL	
MO-SIM	2018/19-5	Dry	5/14/2019 9:40:00 AM	5/17/2019 9:28:00 AM	Volatile Suspended Solids	n/a	<	3.1	mg/L	EPA 160.4	3.1	5	WKL	
MO-SIM	2018/19-5	Dry	5/14/2019 9:40:00 AM	5/25/2019 6:35:00 AM	Diesel Range Organics	n/a	DNQ	0.044	mg/L	EPA 8015D	0.024	0.1	WKL	UL-MB
MO-SIM	2018/19-5	Dry	5/14/2019 9:40:00 AM	5/25/2019 12:41:00 AM	Gasoline Range Organics	n/a	<	0.012	mg/L	LUFT GC/MS	0.012	0.1	WKL	
MO-SIM	2018/19-5	Dry	5/14/2019 9:40:00 AM	5/21/2019 9:05:00 AM	Oil and Grease	n/a	<	1.3	mg/L	EPA 1664A	1.3	5	WKL	
MO-SIM	2018/19-5	Dry	5/14/2019 9:40:00 AM	5/25/2019 6:35:00 AM	Oil Range Organics	n/a	<	0.33	mg/L	EPA 8015D	0.33	0.5	WKL	
MO-SIM	2018/19-5	Dry	5/14/2019 9:40:00 AM	5/23/2019 3:34:00 PM	Aluminum	Dissolved	DNQ	1.8	µg/L	EPA 200.8	1.3	5	WKL	UL-MB
MO-SIM	2018/19-5	Dry	5/14/2019 9:40:00 AM	5/23/2019 3:43:00 PM	Aluminum	Total	=	7	µg/L	EPA 200.8	1.3	5	WKL	
MO-SIM	2018/19-5	Dry	5/14/2019 9:40:00 AM	5/23/2019 3:34:00 PM	Antimony	Dissolved	DNQ	0.21	µg/L	EPA 200.8	0.045	0.5	WKL	
MO-SIM	2018/19-5	Dry	5/14/2019 9:40:00 AM	5/23/2019 3:43:00 PM	Antimony	Total	DNQ	0.22	µg/L	EPA 200.8	0.045	0.5	WKL	
MO-SIM	2018/19-5	Dry	5/14/2019 9:40:00 AM	5/23/2019 3:34:00 PM	Arsenic	Dissolved	=	1.1	µg/L	EPA 200.8	0.074	0.4	WKL	
MO-SIM	2018/19-5	Dry	5/14/2019 9:40:00 AM	5/23/2019 3:43:00 PM	Arsenic	Total	=	1.2	µg/L	EPA 200.8	0.074	0.4	WKL	
MO-SIM	2018/19-5	Dry	5/14/2019 9:40:00 AM	5/23/2019 3:43:00 PM	Barium	Total	=	17	µg/L	EPA 200.8	0.071	0.5	WKL	
MO-SIM	2018/19-5	Dry	5/14/2019 9:40:00 AM	5/23/2019 3:34:00 PM	Beryllium	Dissolved	<	0.033	µg/L	EPA 200.8	0.033	0.1	WKL	
MO-SIM	2018/19-5	Dry	5/14/2019 9:40:00 AM	5/23/2019 3:43:00 PM	Beryllium	Total	<	0.033	µg/L	EPA 200.8	0.033	0.1	WKL	
MO-SIM	2018/19-5	Dry	5/14/2019 9:40:00 AM	5/23/2019 3:43:00 PM	Cadmium	Dissolved	=	0.31	µg/L	EPA 200.8	0.041	0.1	WKL	
MO-SIM	2018/19-5	Dry	5/14/2019 9:40:00 AM	5/23/2019 3:43:00 PM	Cadmium	Total	=	0.31	µg/L	EPA 200.8	0.041	0.1	WKL	
MO-SIM	2018/19-5	Dry	5/14/2019 9:40:00 AM	5/23/2019 3:34:00 PM	Chromium	Dissolved	=	1.4	µg/L	EPA 200.8	0.035	0.2	WKL	

Appendix G
Laboratory Environmental Analysis Results

Site ID	Event	Event Type	Sample Date	Analysis Date	Constituent	Fraction	Sign	Result	Units	Method	MDL	Reporting Limit	Analyzing Laboratory	Qualifier
MO-SIM	2018/19-5	Dry	5/14/2019 9:40:00 AM	5/23/2019 3:43:00 PM	Chromium	Total	=	1.5	µg/L	EPA 200.8	0.035	0.2	WKL	
MO-SIM	2018/19-5	Dry	5/14/2019 9:40:00 AM	5/15/2019 2:58:00 PM	Chromium VI	n/a	=	1.4	µg/L	EPA 218.6	0.0048	0.02	WKL	
MO-SIM	2018/19-5	Dry	5/14/2019 9:40:00 AM	5/23/2019 3:34:00 PM	Copper	Dissolved	=	0.7	µg/L	EPA 200.8	0.13	0.5	WKL	
MO-SIM	2018/19-5	Dry	5/14/2019 9:40:00 AM	5/23/2019 3:43:00 PM	Copper	Total	=	1.2	µg/L	EPA 200.8	0.13	0.5	WKL	
MO-SIM	2018/19-5	Dry	5/14/2019 9:40:00 AM	5/22/2019 5:38:00 PM	Iron	Dissolved	DNQ	7	µg/L	EPA 200.7	1.1	10	WKL	
MO-SIM	2018/19-5	Dry	5/14/2019 9:40:00 AM	5/22/2019 5:52:00 PM	Iron	Total	=	35	µg/L	EPA 200.7	1.1	10	WKL	
MO-SIM	2018/19-5	Dry	5/14/2019 9:40:00 AM	5/23/2019 3:34:00 PM	Lead	Dissolved	<	0.031	µg/L	EPA 200.8	0.031	0.2	WKL	
MO-SIM	2018/19-5	Dry	5/14/2019 9:40:00 AM	5/23/2019 3:43:00 PM	Lead	Total	DNQ	0.054	µg/L	EPA 200.8	0.031	0.2	WKL	
MO-SIM	2018/19-5	Dry	5/14/2019 9:40:00 AM	5/18/2019 1:35:00 PM	Mercury	Dissolved	<	17	ng/L	EPA 245.1	17	50	WKL	
MO-SIM	2018/19-5	Dry	5/14/2019 9:40:00 AM	5/18/2019 1:37:00 PM	Mercury	Total	<	17	ng/L	EPA 245.1	17	50	WKL	
MO-SIM	2018/19-5	Dry	5/14/2019 9:40:00 AM	5/23/2019 3:34:00 PM	Nickel	Dissolved	=	1.5	µg/L	EPA 200.8	0.045	0.8	WKL	
MO-SIM	2018/19-5	Dry	5/14/2019 9:40:00 AM	5/23/2019 3:43:00 PM	Nickel	Total	=	1.6	µg/L	EPA 200.8	0.045	0.8	WKL	
MO-SIM	2018/19-5	Dry	5/14/2019 9:40:00 AM	5/23/2019 3:34:00 PM	Selenium	Dissolved	=	31	µg/L	EPA 200.8	0.14	0.4	WKL	
MO-SIM	2018/19-5	Dry	5/14/2019 9:40:00 AM	5/23/2019 3:43:00 PM	Selenium	Total	=	35	µg/L	EPA 200.8	0.14	0.4	WKL	
MO-SIM	2018/19-5	Dry	5/14/2019 9:40:00 AM	5/23/2019 3:34:00 PM	Silver	Dissolved	<	0.062	µg/L	EPA 200.8	0.062	0.2	WKL	
MO-SIM	2018/19-5	Dry	5/14/2019 9:40:00 AM	5/23/2019 3:43:00 PM	Silver	Total	<	0.062	µg/L	EPA 200.8	0.062	0.2	WKL	
MO-SIM	2018/19-5	Dry	5/14/2019 9:40:00 AM	5/23/2019 3:34:00 PM	Thallium	Dissolved	<	0.014	µg/L	EPA 200.8	0.014	0.2	WKL	
MO-SIM	2018/19-5	Dry	5/14/2019 9:40:00 AM	5/23/2019 3:43:00 PM	Thallium	Total	<	0.014	µg/L	EPA 200.8	0.014	0.2	WKL	
MO-SIM	2018/19-5	Dry	5/14/2019 9:40:00 AM	5/23/2019 3:34:00 PM	Zinc	Dissolved	=	33	µg/L	EPA 200.8	0.94	5	WKL	
MO-SIM	2018/19-5	Dry	5/14/2019 9:40:00 AM	5/23/2019 3:43:00 PM	Zinc	Total	=	36	µg/L	EPA 200.8	0.94	5	WKL	
MO-SIM	2018/19-5	Dry	5/14/2019 9:40:00 AM	5/16/2019 6:31:00 PM	Ammonia as N	n/a	<	0.048	mg/L	EPA 350.1	0.048	0.1	WKL	
MO-SIM	2018/19-5	Dry	5/14/2019 9:40:00 AM	5/28/2019 4:55:00 PM	Nitrate + Nitrite as N	n/a	=	9.1	mg/L	EPA 353.2	0.33	0.8	WKL	
MO-SIM	2018/19-5	Dry	5/14/2019 9:40:00 AM	5/22/2019 5:38:00 PM	Phosphorus as P	Dissolved	<	0.012	mg/L	EPA 200.7	0.012	0.02	WKL	
MO-SIM	2018/19-5	Dry	5/14/2019 9:40:00 AM	5/22/2019 5:52:00 PM	Phosphorus as P	Total	DNQ	0.017	mg/L	EPA 200.7	0.012	0.02	WKL	
MO-SIM	2018/19-5	Dry	5/14/2019 9:40:00 AM	5/21/2019 1:34:00 PM	TKN	n/a	<	0.05	mg/L	EPA 351.2	0.05	0.1	WKL	
MO-SIM	2018/19-5	Dry	5/14/2019 9:40:00 AM	5/24/2019 10:11:00 PM	1,2,4-Trichlorobenzene	n/a	<	0.55	µg/L	EPA 625	0.55	1	WKL	
MO-SIM	2018/19-5	Dry	5/14/2019 9:40:00 AM	5/24/2019 10:11:00 PM	1,2-Dichlorobenzene	n/a	<	0.57	µg/L	EPA 625	0.57	1	WKL	
MO-SIM	2018/19-5	Dry	5/14/2019 9:40:00 AM	5/24/2019 10:11:00 PM	1,2-Diphenylhydrazine	n/a	<	0.25	µg/L	EPA 625	0.25	1	WKL	
MO-SIM	2018/19-5	Dry	5/14/2019 9:40:00 AM	5/24/2019 10:11:00 PM	1,3-Dichlorobenzene	n/a	<	0.53	µg/L	EPA 625	0.53	1	WKL	
MO-SIM	2018/19-5	Dry	5/14/2019 9:40:00 AM	5/24/2019 10:11:00 PM	1,4-Dichlorobenzene	n/a	<	0.55	µg/L	EPA 625	0.55	1	WKL	
MO-SIM	2018/19-5	Dry	5/14/2019 9:40:00 AM	6/8/2019 7:59:00 AM	1-Methylnaphthalene	n/a	<	0.1	µg/L	EPA 8270C	0.1	0.1	WKL	
MO-SIM	2018/19-5	Dry	5/14/2019 9:40:00 AM	5/22/2019 4:32:00 AM	2,4,5-Trichlorophenol	n/a	<	0.29	µg/L	EPA 8270C	0.29	1	WKL	
MO-SIM	2018/19-5	Dry	5/14/2019 9:40:00 AM	5/22/2019 4:32:00 AM	2,4,6-Trichlorophenol	n/a	<	0.3	µg/L	EPA 8270C	0.3	1	WKL	
MO-SIM	2018/19-5	Dry	5/14/2019 9:40:00 AM	5/24/2019 10:11:00 PM	2,4,6-Trichlorophenol	n/a	<	0.22	µg/L	EPA 625	0.22	1	WKL	
MO-SIM	2018/19-5	Dry	5/14/2019 9:40:00 AM	5/24/2019 10:11:00 PM	2,4-Dichlorophenol	n/a	<	0.26	µg/L	EPA 625	0.26	1	WKL	
MO-SIM	2018/19-5	Dry	5/14/2019 9:40:00 AM	5/22/2019 4:32:00 AM	2,4-Dichlorophenol	n/a	<	0.51	µg/L	EPA 8270C	0.51	1	WKL	
MO-SIM	2018/19-5	Dry	5/14/2019 9:40:00 AM	5/24/2019 10:11:00 PM	2,4-Dimethylphenol	n/a	<	0.3	µg/L	EPA 625	0.3	1	WKL	
MO-SIM	2018/19-5	Dry	5/14/2019 9:40:00 AM	5/22/2019 4:32:00 AM	2,4-Dimethylphenol	n/a	<	1	µg/L	EPA 8270C	1	2	WKL	
MO-SIM	2018/19-5	Dry	5/14/2019 9:40:00 AM	5/24/2019 10:11:00 PM	2,4-Dinitrophenol	n/a	<	1.6	µg/L	EPA 625	1.6	10	WKL	
MO-SIM	2018/19-5	Dry	5/14/2019 9:40:00 AM	5/22/2019 4:32:00 AM	2,4-Dinitrophenol	n/a	<	1	µg/L	EPA 8270C	1	2	WKL	
MO-SIM	2018/19-5	Dry	5/14/2019 9:40:00 AM	5/24/2019 10:11:00 PM	2,4-Dinitrotoluene	n/a	<	0.18	µg/L	EPA 625	0.18	1	WKL	
MO-SIM	2018/19-5	Dry	5/14/2019 9:40:00 AM	5/24/2019 10:11:00 PM	2,6-Dinitrotoluene	n/a	<	0.27	µg/L	EPA 625	0.27	1	WKL	
MO-SIM	2018/19-5	Dry	5/14/2019 9:40:00 AM	5/17/2019 7:34:00 AM	2-Chloroethyl vinyl ether	n/a	<	0.28	µg/L	EPA 624	0.28	1	WKL	
MO-SIM	2018/19-5	Dry	5/14/2019 9:40:00 AM	5/24/2019 10:11:00 PM	2-Chloronaphthalene	n/a	<	0.45	µg/L	EPA 625	0.45	1	WKL	
MO-SIM	2018/19-5	Dry	5/14/2019 9:40:00 AM	5/24/2019 10:11:00 PM	2-Chlorophenol	n/a	<	0.28	µg/L	EPA 625	0.28	1	WKL	
MO-SIM	2018/19-5	Dry	5/14/2019 9:40:00 AM	5/22/2019 4:32:00 AM	2-Chlorophenol	n/a	<	0.65	µg/L	EPA 8270C	0.65	1	WKL	
MO-SIM	2018/19-5	Dry	5/14/2019 9:40:00 AM	6/8/2019 7:59:00 AM	2-Methylnaphthalene	n/a	<	0.1	µg/L	EPA 8270C	0.1	0.1	WKL	
MO-SIM	2018/19-5	Dry	5/14/2019 9:40:00 AM	5/22/2019 4:32:00 AM	2-Methylphenol	n/a	<	0.34	µg/L	EPA 8270C	0.34	1	WKL	

Appendix G
Laboratory Environmental Analysis Results

Site ID	Event	Event Type	Sample Date	Analysis Date	Constituent	Fraction	Sign	Result	Units	Method	MDL	Reporting Limit	Analyzing Laboratory	Qualifier
MO-SIM	2018/19-5	Dry	5/14/2019 9:40:00 AM	5/24/2019 10:11:00 PM	2-Nitrophenol	n/a	<	0.26	µg/L	EPA 625	0.26	1	WKL	
MO-SIM	2018/19-5	Dry	5/14/2019 9:40:00 AM	5/22/2019 4:32:00 AM	2-Nitrophenol	n/a	<	0.71	µg/L	EPA 8270C	0.71	1	WKL	
MO-SIM	2018/19-5	Dry	5/14/2019 9:40:00 AM	5/24/2019 10:11:00 PM	3,3'-Dichlorobenzidine	n/a	<	1.2	µg/L	EPA 625	1.2	5	WKL	
MO-SIM	2018/19-5	Dry	5/14/2019 9:40:00 AM	5/22/2019 4:32:00 AM	3-4-Methylphenol	n/a	<	0.3	µg/L	EPA 8270C	0.3	1	WKL	
MO-SIM	2018/19-5	Dry	5/14/2019 9:40:00 AM	5/24/2019 10:11:00 PM	4,6-Dinitro-2-methylphenol	n/a	<	1.7	µg/L	EPA 625	1.7	5	WKL	
MO-SIM	2018/19-5	Dry	5/14/2019 9:40:00 AM	5/22/2019 4:32:00 AM	4,6-Dinitro-2-methylphenol	n/a	<	0.14	µg/L	EPA 8270C	0.14	1	WKL	
MO-SIM	2018/19-5	Dry	5/14/2019 9:40:00 AM	5/24/2019 10:11:00 PM	4-Bromophenyl phenyl ether	n/a	<	0.36	µg/L	EPA 625	0.36	1	WKL	
MO-SIM	2018/19-5	Dry	5/14/2019 9:40:00 AM	5/22/2019 4:32:00 AM	4-Chloro-3-methylphenol	n/a	<	0.37	µg/L	EPA 8270C	0.37	1	WKL	
MO-SIM	2018/19-5	Dry	5/14/2019 9:40:00 AM	5/24/2019 10:11:00 PM	4-Chloro-3-methylphenol	n/a	<	0.23	µg/L	EPA 625	0.23	1	WKL	
MO-SIM	2018/19-5	Dry	5/14/2019 9:40:00 AM	5/24/2019 10:11:00 PM	4-Chlorophenyl phenyl ether	n/a	<	0.41	µg/L	EPA 625	0.41	1	WKL	
MO-SIM	2018/19-5	Dry	5/14/2019 9:40:00 AM	5/24/2019 10:11:00 PM	4-Nitrophenol	n/a	<	0.45	µg/L	EPA 625	0.45	5	WKL	
MO-SIM	2018/19-5	Dry	5/14/2019 9:40:00 AM	5/22/2019 4:32:00 AM	4-Nitrophenol	n/a	<	1	µg/L	EPA 8270C	1	2	WKL	
MO-SIM	2018/19-5	Dry	5/14/2019 9:40:00 AM	5/24/2019 10:11:00 PM	Acenaphthene	n/a	<	0.38	µg/L	EPA 625	0.38	1	WKL	
MO-SIM	2018/19-5	Dry	5/14/2019 9:40:00 AM	6/8/2019 7:59:00 AM	Acenaphthene	n/a	<	0.1	µg/L	EPA 8270C	0.1	0.1	WKL	
MO-SIM	2018/19-5	Dry	5/14/2019 9:40:00 AM	5/24/2019 10:11:00 PM	Acenaphthylene	n/a	<	0.4	µg/L	EPA 625	0.4	1	WKL	
MO-SIM	2018/19-5	Dry	5/14/2019 9:40:00 AM	6/8/2019 7:59:00 AM	Acenaphthylene	n/a	<	0.1	µg/L	EPA 8270C	0.1	0.1	WKL	
MO-SIM	2018/19-5	Dry	5/14/2019 9:40:00 AM	5/24/2019 10:11:00 PM	Anthracene	n/a	<	0.34	µg/L	EPA 625	0.34	1	WKL	
MO-SIM	2018/19-5	Dry	5/14/2019 9:40:00 AM	6/8/2019 7:59:00 AM	Anthracene	n/a	<	0.1	µg/L	EPA 8270C	0.1	0.1	WKL	
MO-SIM	2018/19-5	Dry	5/14/2019 9:40:00 AM	6/8/2019 7:59:00 AM	Benz(a)anthracene	n/a	<	0.1	µg/L	EPA 8270C	0.1	0.1	WKL	
MO-SIM	2018/19-5	Dry	5/14/2019 9:40:00 AM	5/24/2019 10:11:00 PM	Benz(a)anthracene	n/a	<	0.19	µg/L	EPA 625	0.19	1	WKL	
MO-SIM	2018/19-5	Dry	5/14/2019 9:40:00 AM	5/24/2019 10:11:00 PM	Benzenzidine	n/a	<	3.7	µg/L	EPA 625	3.7	10	WKL	
MO-SIM	2018/19-5	Dry	5/14/2019 9:40:00 AM	6/8/2019 7:59:00 AM	Benzo(a)pyrene	n/a	<	0.1	µg/L	EPA 8270C	0.1	0.1	WKL	
MO-SIM	2018/19-5	Dry	5/14/2019 9:40:00 AM	5/24/2019 10:11:00 PM	Benzo(a)pyrene	n/a	<	0.13	µg/L	EPA 625	0.13	1	WKL	
MO-SIM	2018/19-5	Dry	5/14/2019 9:40:00 AM	5/16/2019 11:25:00 PM	Benzo(a)pyrene	n/a	<	0.07	µg/L	EPA 525.2	0.07	0.1	WKL	
MO-SIM	2018/19-5	Dry	5/14/2019 9:40:00 AM	6/8/2019 7:59:00 AM	Benzo(b)fluoranthene	n/a	<	0.1	µg/L	EPA 8270C	0.1	0.1	WKL	
MO-SIM	2018/19-5	Dry	5/14/2019 9:40:00 AM	5/24/2019 10:11:00 PM	Benzo(b)fluoranthene	n/a	<	0.14	µg/L	EPA 625	0.14	1	WKL	
MO-SIM	2018/19-5	Dry	5/14/2019 9:40:00 AM	5/24/2019 10:11:00 PM	Benzo(g,h,i)perylene	n/a	<	0.1	µg/L	EPA 625	0.1	2	WKL	
MO-SIM	2018/19-5	Dry	5/14/2019 9:40:00 AM	6/8/2019 7:59:00 AM	Benzo(g,h,i)perylene	n/a	<	0.1	µg/L	EPA 8270C	0.1	0.1	WKL	
MO-SIM	2018/19-5	Dry	5/14/2019 9:40:00 AM	5/24/2019 10:11:00 PM	Benzo(k)fluoranthene	n/a	<	0.22	µg/L	EPA 625	0.22	1	WKL	
MO-SIM	2018/19-5	Dry	5/14/2019 9:40:00 AM	6/8/2019 7:59:00 AM	Benzo(k)fluoranthene	n/a	<	0.1	µg/L	EPA 8270C	0.1	0.1	WKL	
MO-SIM	2018/19-5	Dry	5/14/2019 9:40:00 AM	5/24/2019 10:11:00 PM	Bis(2-chloroethoxy)methane	n/a	<	0.25	µg/L	EPA 625	0.25	1	WKL	
MO-SIM	2018/19-5	Dry	5/14/2019 9:40:00 AM	5/24/2019 10:11:00 PM	Bis(2-chloroethyl)ether	n/a	<	0.27	µg/L	EPA 625	0.27	1	WKL	
MO-SIM	2018/19-5	Dry	5/14/2019 9:40:00 AM	5/24/2019 10:11:00 PM	Bis(2-chloroisopropyl)ether	n/a	<	0.38	µg/L	EPA 625	0.38	1	WKL	
MO-SIM	2018/19-5	Dry	5/14/2019 9:40:00 AM	5/16/2019 11:25:00 PM	Bis(2-ethylhexyl)adipate	n/a	<	0.1	µg/L	EPA 525.2	0.1	5	WKL	
MO-SIM	2018/19-5	Dry	5/14/2019 9:40:00 AM	5/16/2019 11:25:00 PM	Bis(2-ethylhexyl)phthalate	n/a	<	1.1	µg/L	EPA 525.2	1.1	3	WKL	
MO-SIM	2018/19-5	Dry	5/14/2019 9:40:00 AM	5/24/2019 10:11:00 PM	Bis(2-ethylhexyl)phthalate	n/a	<	2.3	µg/L	EPA 625	2.3	5	WKL	
MO-SIM	2018/19-5	Dry	5/14/2019 9:40:00 AM	5/24/2019 10:11:00 PM	Butyl benzyl phthalate	n/a	<	0.18	µg/L	EPA 625	0.18	1	WKL	
MO-SIM	2018/19-5	Dry	5/14/2019 9:40:00 AM	5/24/2019 10:11:00 PM	Chrysene	n/a	<	0.19	µg/L	EPA 625	0.19	1	WKL	
MO-SIM	2018/19-5	Dry	5/14/2019 9:40:00 AM	6/8/2019 7:59:00 AM	Chrysene	n/a	<	0.1	µg/L	EPA 8270C	0.1	0.1	WKL	
MO-SIM	2018/19-5	Dry	5/14/2019 9:40:00 AM	6/8/2019 7:59:00 AM	Dibenz(a,h)anthracene	n/a	<	0.1	µg/L	EPA 8270C	0.1	0.1	WKL	
MO-SIM	2018/19-5	Dry	5/14/2019 9:40:00 AM	5/24/2019 10:11:00 PM	Dibenz(a,h)anthracene	n/a	<	0.08	µg/L	EPA 625	0.08	2	WKL	
MO-SIM	2018/19-5	Dry	5/14/2019 9:40:00 AM	5/24/2019 10:11:00 PM	Diethyl phthalate	n/a	<	0.15	µg/L	EPA 625	0.15	1	WKL	
MO-SIM	2018/19-5	Dry	5/14/2019 9:40:00 AM	5/24/2019 10:11:00 PM	Dimethyl phthalate	n/a	<	0.18	µg/L	EPA 625	0.18	1	WKL	
MO-SIM	2018/19-5	Dry	5/14/2019 9:40:00 AM	5/24/2019 10:11:00 PM	Di-n-butylphthalate	n/a	<	0.24	µg/L	EPA 625	0.24	1	WKL	
MO-SIM	2018/19-5	Dry	5/14/2019 9:40:00 AM	5/24/2019 10:11:00 PM	Di-n-octylphthalate	n/a	<	0.19	µg/L	EPA 625	0.19	1	WKL	
MO-SIM	2018/19-5	Dry	5/14/2019 9:40:00 AM	5/24/2019 10:11:00 PM	Fluoranthene	n/a	<	0.22	µg/L	EPA 625	0.22	1	WKL	
MO-SIM	2018/19-5	Dry	5/14/2019 9:40:00 AM	6/8/2019 7:59:00 AM	Fluoranthene	n/a	<	0.1	µg/L	EPA 8270C	0.1	0.1	WKL	
MO-SIM	2018/19-5	Dry	5/14/2019 9:40:00 AM	5/24/2019 10:11:00 PM	Fluorene	n/a	<	0.35	µg/L	EPA 625	0.35	1	WKL	

Appendix G
Laboratory Environmental Analysis Results

Site ID	Event	Event Type	Sample Date	Analysis Date	Constituent	Fraction	Sign	Result	Units	Method	MDL	Reporting Limit	Analyzing Laboratory	Qualifier
MO-SIM	2018/19-5	Dry	5/14/2019 9:40:00 AM	6/8/2019 7:59:00 AM	Fluorene	n/a	<	0.1	µg/L	EPA 8270C	0.1	0.1	WKL	
MO-SIM	2018/19-5	Dry	5/14/2019 9:40:00 AM	5/24/2019 10:11:00 PM	Hexachlorobenzene	n/a	<	0.49	µg/L	EPA 625	0.49	1	WKL	
MO-SIM	2018/19-5	Dry	5/14/2019 9:40:00 AM	5/24/2019 10:11:00 PM	Hexachlorobutadiene	n/a	<	0.47	µg/L	EPA 625	0.47	1	WKL	
MO-SIM	2018/19-5	Dry	5/14/2019 9:40:00 AM	5/24/2019 10:11:00 PM	Hexachlorocyclopentadiene	n/a	<	1.5	µg/L	EPA 625	1.5	5	WKL	
MO-SIM	2018/19-5	Dry	5/14/2019 9:40:00 AM	5/24/2019 10:11:00 PM	Hexachloroethane	n/a	<	0.52	µg/L	EPA 625	0.52	1	WKL	
MO-SIM	2018/19-5	Dry	5/14/2019 9:40:00 AM	5/24/2019 10:11:00 PM	Indeno(1,2,3-cd)pyrene	n/a	<	0.12	µg/L	EPA 625	0.12	2	WKL	
MO-SIM	2018/19-5	Dry	5/14/2019 9:40:00 AM	6/8/2019 7:59:00 AM	Indeno(1,2,3-cd)pyrene	n/a	<	0.1	µg/L	EPA 8270C	0.1	0.1	WKL	
MO-SIM	2018/19-5	Dry	5/14/2019 9:40:00 AM	5/24/2019 10:11:00 PM	Isophorone	n/a	<	0.21	µg/L	EPA 625	0.21	1	WKL	
MO-SIM	2018/19-5	Dry	5/14/2019 9:40:00 AM	5/17/2019 7:34:00 AM	Methyl tert-butyl ether (MTBE)	n/a	<	0.25	µg/L	EPA 624	0.25	1	WKL	
MO-SIM	2018/19-5	Dry	5/14/2019 9:40:00 AM	5/24/2019 10:11:00 PM	Naphthalene	n/a	<	0.49	µg/L	EPA 625	0.49	1	WKL	
MO-SIM	2018/19-5	Dry	5/14/2019 9:40:00 AM	6/8/2019 7:59:00 AM	Naphthalene	n/a	<	0.1	µg/L	EPA 8270C	0.1	0.1	WKL	
MO-SIM	2018/19-5	Dry	5/14/2019 9:40:00 AM	5/24/2019 10:11:00 PM	Nitrobenzene	n/a	<	0.36	µg/L	EPA 625	0.36	1	WKL	
MO-SIM	2018/19-5	Dry	5/14/2019 9:40:00 AM	5/24/2019 10:11:00 PM	N-Nitrosodimethylamine	n/a	<	0.14	µg/L	EPA 625	0.14	1	WKL	
MO-SIM	2018/19-5	Dry	5/14/2019 9:40:00 AM	5/24/2019 10:11:00 PM	N-Nitrosodi-N-propylamine	n/a	<	0.26	µg/L	EPA 625	0.26	1	WKL	
MO-SIM	2018/19-5	Dry	5/14/2019 9:40:00 AM	5/24/2019 10:11:00 PM	N-Nitrosodiphenylamine	n/a	<	0.19	µg/L	EPA 625	0.19	1	WKL	
MO-SIM	2018/19-5	Dry	5/14/2019 9:40:00 AM	5/24/2019 10:11:00 PM	Phenanthrene	n/a	<	0.32	µg/L	EPA 625	0.32	1	WKL	
MO-SIM	2018/19-5	Dry	5/14/2019 9:40:00 AM	6/8/2019 7:59:00 AM	Phenanthrene	n/a	<	0.1	µg/L	EPA 8270C	0.1	0.1	WKL	
MO-SIM	2018/19-5	Dry	5/14/2019 9:40:00 AM	5/24/2019 10:11:00 PM	Phenol	n/a	<	0.16	µg/L	EPA 625	0.16	1	WKL	
MO-SIM	2018/19-5	Dry	5/14/2019 9:40:00 AM	5/22/2019 4:32:00 AM	Phenol	n/a	<	0.35	µg/L	EPA 8270C	0.35	1	WKL	
MO-SIM	2018/19-5	Dry	5/14/2019 9:40:00 AM	6/8/2019 7:59:00 AM	Pyrene	n/a	<	0.1	µg/L	EPA 8270C	0.1	0.1	WKL	
MO-SIM	2018/19-5	Dry	5/14/2019 9:40:00 AM	5/24/2019 10:11:00 PM	Pyrene	n/a	<	0.25	µg/L	EPA 625	0.25	1	WKL	
MO-SIM	2018/19-5	Dry	5/14/2019 9:40:00 AM	5/21/2019 10:27:00 PM	PCB Aroclor 1016	n/a	<	0.5	µg/L	EPA 608	0.5	5	WKL	
MO-SIM	2018/19-5	Dry	5/14/2019 9:40:00 AM	5/21/2019 10:27:00 PM	PCB Aroclor 1221	n/a	<	0.6	µg/L	EPA 608	0.6	5	WKL	
MO-SIM	2018/19-5	Dry	5/14/2019 9:40:00 AM	5/21/2019 10:27:00 PM	PCB Aroclor 1232	n/a	<	1.5	µg/L	EPA 608	1.5	5	WKL	
MO-SIM	2018/19-5	Dry	5/14/2019 9:40:00 AM	5/21/2019 10:27:00 PM	PCB Aroclor 1242	n/a	<	0.7	µg/L	EPA 608	0.7	5	WKL	
MO-SIM	2018/19-5	Dry	5/14/2019 9:40:00 AM	5/21/2019 10:27:00 PM	PCB Aroclor 1248	n/a	<	0.6	µg/L	EPA 608	0.6	5	WKL	
MO-SIM	2018/19-5	Dry	5/14/2019 9:40:00 AM	5/21/2019 10:27:00 PM	PCB Aroclor 1254	n/a	<	0.4	µg/L	EPA 608	0.4	5	WKL	
MO-SIM	2018/19-5	Dry	5/14/2019 9:40:00 AM	5/21/2019 10:27:00 PM	PCB Aroclor 1260	n/a	<	0.4	µg/L	EPA 608	0.4	5	WKL	
MO-SIM	2018/19-5	Dry	5/14/2019 9:40:00 AM	5/24/2019 4:11:00 AM	2,4,5-T	n/a	<	0.07	µg/L	EPA 515.4	0.07	0.2	WKL	
MO-SIM	2018/19-5	Dry	5/14/2019 9:40:00 AM	5/24/2019 4:11:00 AM	2,4,5-TP	n/a	<	0.09	µg/L	EPA 515.4	0.09	0.2	WKL	
MO-SIM	2018/19-5	Dry	5/14/2019 9:40:00 AM	5/24/2019 4:11:00 AM	2,4-D	n/a	<	0.07	µg/L	EPA 515.4	0.07	0.4	WKL	
MO-SIM	2018/19-5	Dry	5/14/2019 9:40:00 AM	5/24/2019 4:11:00 AM	2,4-DB	n/a	<	0.07	µg/L	EPA 515.4	0.07	2	WKL	
MO-SIM	2018/19-5	Dry	5/14/2019 9:40:00 AM	5/24/2019 4:11:00 AM	3,5-Dichlorobenzoic acid	n/a	<	0.09	µg/L	EPA 515.4	0.09	1	WKL	
MO-SIM	2018/19-5	Dry	5/14/2019 9:40:00 AM	5/21/2019 10:27:00 PM	4,4'-DDD	n/a	<	0.03	µg/L	EPA 608	0.03	0.5	WKL	
MO-SIM	2018/19-5	Dry	5/14/2019 9:40:00 AM	5/21/2019 10:27:00 PM	4,4'-DDE	n/a	<	0.025	µg/L	EPA 608	0.025	0.5	WKL	
MO-SIM	2018/19-5	Dry	5/14/2019 9:40:00 AM	5/21/2019 10:27:00 PM	4,4'-DDT	n/a	<	0.031	µg/L	EPA 608	0.031	0.1	WKL	
MO-SIM	2018/19-5	Dry	5/14/2019 9:40:00 AM	5/24/2019 4:11:00 AM	Acifluorfen	n/a	<	0.06	µg/L	EPA 515.4	0.06	0.4	WKL	
MO-SIM	2018/19-5	Dry	5/14/2019 9:40:00 AM	5/16/2019 11:25:00 PM	Alachlor	n/a	<	0.022	µg/L	EPA 525.2	0.022	0.1	WKL	
MO-SIM	2018/19-5	Dry	5/14/2019 9:40:00 AM	5/21/2019 10:27:00 PM	Aldrin	n/a	<	0.015	µg/L	EPA 608	0.015	0.05	WKL	
MO-SIM	2018/19-5	Dry	5/14/2019 9:40:00 AM	5/21/2019 10:27:00 PM	alpha-BHC	n/a	<	0.018	µg/L	EPA 608	0.018	0.1	WKL	
MO-SIM	2018/19-5	Dry	5/14/2019 9:40:00 AM	5/21/2019 10:27:00 PM	alpha-Chlordane	n/a	<	0.041	µg/L	EPA 608	0.041	0.1	WKL	
MO-SIM	2018/19-5	Dry	5/14/2019 9:40:00 AM	5/16/2019 11:25:00 PM	Atrazine	n/a	<	0.034	µg/L	EPA 525.2	0.034	0.1	WKL	
MO-SIM	2018/19-5	Dry	5/14/2019 9:40:00 AM	5/22/2019 4:27:00 AM	Azinphos methyl	n/a	<	0.0055	µg/L	EPA 525.2m	0.0055	0.01	WKL	
MO-SIM	2018/19-5	Dry	5/14/2019 9:40:00 AM	5/24/2019 4:11:00 AM	Bentazon	n/a	<	0.11	µg/L	EPA 515.4	0.11	2	WKL	
MO-SIM	2018/19-5	Dry	5/14/2019 9:40:00 AM	5/21/2019 10:27:00 PM	beta-BHC	n/a	<	0.031	µg/L	EPA 608	0.031	0.05	WKL	
MO-SIM	2018/19-5	Dry	5/14/2019 9:40:00 AM	5/22/2019 4:27:00 AM	Bolstar	n/a	<	0.0046	µg/L	EPA 525.2m	0.0046	0.01	WKL	
MO-SIM	2018/19-5	Dry	5/14/2019 9:40:00 AM	5/16/2019 11:25:00 PM	Bromacil	n/a	<	0.038	µg/L	EPA 525.2	0.038	1	WKL	
MO-SIM	2018/19-5	Dry	5/14/2019 9:40:00 AM	5/16/2019 11:25:00 PM	Butachlor	n/a	<	0.017	µg/L	EPA 525.2	0.017	0.2	WKL	

Appendix G
Laboratory Environmental Analysis Results

Site ID	Event	Event Type	Sample Date	Analysis Date	Constituent	Fraction	Sign	Result	Units	Method	MDL	Reporting Limit	Analyzing Laboratory	Qualifier
MO-SIM	2018/19-5	Dry	5/14/2019 9:40:00 AM	5/16/2019 11:25:00 PM	Captan	n/a	<	0.86	µg/L	EPA 525.2	0.86	1	WKL	
MO-SIM	2018/19-5	Dry	5/14/2019 9:40:00 AM	5/21/2019 10:27:00 PM	Chlordane (technical)	n/a	<	0.8	µg/L	EPA 608	0.8	1	WKL	
MO-SIM	2018/19-5	Dry	5/14/2019 9:40:00 AM	5/16/2019 11:25:00 PM	Chlorpropham	n/a	<	0.01	µg/L	EPA 525.2	0.01	0.1	WKL	
MO-SIM	2018/19-5	Dry	5/14/2019 9:40:00 AM	5/22/2019 4:27:00 AM	Chlorpyrifos	n/a	<	0.0069	µg/L	EPA 525.2m	0.0069	0.01	WKL	
MO-SIM	2018/19-5	Dry	5/14/2019 9:40:00 AM	5/22/2019 4:27:00 AM	Coumaphos	n/a	<	0.0051	µg/L	EPA 525.2m	0.0051	0.01	WKL	
MO-SIM	2018/19-5	Dry	5/14/2019 9:40:00 AM	5/16/2019 11:25:00 PM	Cyanazine	n/a	<	0.024	µg/L	EPA 525.2	0.024	0.1	WKL	
MO-SIM	2018/19-5	Dry	5/14/2019 9:40:00 AM	5/24/2019 4:11:00 AM	Dalapon	n/a	<	0.1	µg/L	EPA 515.4	0.1	0.4	WKL	
MO-SIM	2018/19-5	Dry	5/14/2019 9:40:00 AM	5/24/2019 4:11:00 AM	DCPA (Dacthal)	n/a	<	0.07	µg/L	EPA 515.4	0.07	0.1	WKL	
MO-SIM	2018/19-5	Dry	5/14/2019 9:40:00 AM	5/21/2019 10:27:00 PM	delta-BHC	n/a	<	0.025	µg/L	EPA 608	0.025	0.05	WKL	
MO-SIM	2018/19-5	Dry	5/14/2019 9:40:00 AM	5/22/2019 4:27:00 AM	Demeton-O	n/a	<	0.01	µg/L	EPA 525.2m	0.01	0.01	WKL	
MO-SIM	2018/19-5	Dry	5/14/2019 9:40:00 AM	5/22/2019 4:27:00 AM	Demeton-S	n/a	<	0.01	µg/L	EPA 525.2m	0.01	0.01	WKL	
MO-SIM	2018/19-5	Dry	5/14/2019 9:40:00 AM	5/16/2019 11:25:00 PM	Diazinon	n/a	<	0.096	µg/L	EPA 525.2	0.096	0.1	WKL	
MO-SIM	2018/19-5	Dry	5/14/2019 9:40:00 AM	5/22/2019 4:27:00 AM	Diazinon	n/a	<	0.0052	µg/L	EPA 525.2m	0.0052	0.01	WKL	
MO-SIM	2018/19-5	Dry	5/14/2019 9:40:00 AM	5/24/2019 4:11:00 AM	Dicamba	n/a	<	0.12	µg/L	EPA 515.4	0.12	0.6	WKL	
MO-SIM	2018/19-5	Dry	5/14/2019 9:40:00 AM	5/24/2019 4:11:00 AM	Dichlorprop	n/a	<	0.08	µg/L	EPA 515.4	0.08	0.3	WKL	
MO-SIM	2018/19-5	Dry	5/14/2019 9:40:00 AM	5/22/2019 4:27:00 AM	Dichlorvos	n/a	<	0.0029	µg/L	EPA 525.2m	0.0029	0.01	WKL	
MO-SIM	2018/19-5	Dry	5/14/2019 9:40:00 AM	5/21/2019 10:27:00 PM	Dieldrin	n/a	<	0.021	µg/L	EPA 608	0.021	0.1	WKL	
MO-SIM	2018/19-5	Dry	5/14/2019 9:40:00 AM	5/16/2019 11:25:00 PM	Dimethoate	n/a	<	0.024	µg/L	EPA 525.2	0.024	0.2	WKL	
MO-SIM	2018/19-5	Dry	5/14/2019 9:40:00 AM	5/22/2019 4:27:00 AM	Dimethoate	n/a	<	0.0062	µg/L	EPA 525.2m	0.0062	0.01	WKL	
MO-SIM	2018/19-5	Dry	5/14/2019 9:40:00 AM	5/24/2019 4:11:00 AM	Dinoseb	n/a	<	0.14	µg/L	EPA 515.4	0.14	0.4	WKL	
MO-SIM	2018/19-5	Dry	5/14/2019 9:40:00 AM	5/16/2019 11:25:00 PM	Diphenamid	n/a	<	0.024	µg/L	EPA 525.2	0.024	0.1	WKL	
MO-SIM	2018/19-5	Dry	5/14/2019 9:40:00 AM	5/16/2019 11:25:00 PM	Disulfoton	n/a	<	0.031	µg/L	EPA 525.2	0.031	0.1	WKL	
MO-SIM	2018/19-5	Dry	5/14/2019 9:40:00 AM	5/22/2019 4:27:00 AM	Disulfoton	n/a	<	0.01	µg/L	EPA 525.2m	0.01	0.01	WKL	
MO-SIM	2018/19-5	Dry	5/14/2019 9:40:00 AM	5/21/2019 10:27:00 PM	Endosulfan I	n/a	<	0.017	µg/L	EPA 608	0.017	0.2	WKL	
MO-SIM	2018/19-5	Dry	5/14/2019 9:40:00 AM	5/21/2019 10:27:00 PM	Endosulfan II	n/a	<	0.019	µg/L	EPA 608	0.019	0.1	WKL	
MO-SIM	2018/19-5	Dry	5/14/2019 9:40:00 AM	5/21/2019 10:27:00 PM	Endosulfan sulfate	n/a	<	0.08	µg/L	EPA 608	0.08	0.5	WKL	
MO-SIM	2018/19-5	Dry	5/14/2019 9:40:00 AM	5/21/2019 10:27:00 PM	Endrin	n/a	<	0.028	µg/L	EPA 608	0.028	0.1	WKL	
MO-SIM	2018/19-5	Dry	5/14/2019 9:40:00 AM	5/21/2019 10:27:00 PM	Endrin aldehyde	n/a	<	0.03	µg/L	EPA 608	0.03	0.1	WKL	
MO-SIM	2018/19-5	Dry	5/14/2019 9:40:00 AM	5/16/2019 11:25:00 PM	EPTC	n/a	<	0.017	µg/L	EPA 525.2	0.017	1	WKL	
MO-SIM	2018/19-5	Dry	5/14/2019 9:40:00 AM	5/22/2019 4:27:00 AM	Ethoprop	n/a	<	0.0067	µg/L	EPA 525.2m	0.0067	0.01	WKL	
MO-SIM	2018/19-5	Dry	5/14/2019 9:40:00 AM	5/22/2019 4:27:00 AM	Ethyl parathion	n/a	<	0.0054	µg/L	EPA 525.2m	0.0054	0.01	WKL	
MO-SIM	2018/19-5	Dry	5/14/2019 9:40:00 AM	5/22/2019 4:27:00 AM	Fensulfothion	n/a	<	0.0029	µg/L	EPA 525.2m	0.0029	0.01	WKL	
MO-SIM	2018/19-5	Dry	5/14/2019 9:40:00 AM	5/22/2019 4:27:00 AM	Fenthion	n/a	<	0.0038	µg/L	EPA 525.2m	0.0038	0.01	WKL	
MO-SIM	2018/19-5	Dry	5/14/2019 9:40:00 AM	5/21/2019 10:27:00 PM	gamma-BHC (Lindane)	n/a	<	0.021	µg/L	EPA 608	0.021	0.2	WKL	
MO-SIM	2018/19-5	Dry	5/14/2019 9:40:00 AM	5/21/2019 10:27:00 PM	gamma-Chlordane	n/a	<	0.044	µg/L	EPA 608	0.044	0.1	WKL	
MO-SIM	2018/19-5	Dry	5/14/2019 9:40:00 AM	5/15/2019 6:40:00 PM	Glyphosate	n/a	<	1.8	µg/L	EPA 547	1.8	5	WKL	
MO-SIM	2018/19-5	Dry	5/14/2019 9:40:00 AM	5/21/2019 10:27:00 PM	Heptachlor	n/a	<	0.017	µg/L	EPA 608	0.017	0.1	WKL	
MO-SIM	2018/19-5	Dry	5/14/2019 9:40:00 AM	5/21/2019 10:27:00 PM	Heptachlor epoxide	n/a	<	0.019	µg/L	EPA 608	0.019	0.1	WKL	
MO-SIM	2018/19-5	Dry	5/14/2019 9:40:00 AM	5/22/2019 4:27:00 AM	Malathion	n/a	<	0.0076	µg/L	EPA 525.2m	0.0076	0.01	WKL	
MO-SIM	2018/19-5	Dry	5/14/2019 9:40:00 AM	5/22/2019 4:27:00 AM	Merphos	n/a	<	0.0058	µg/L	EPA 525.2m	0.0058	0.01	WKL	
MO-SIM	2018/19-5	Dry	5/14/2019 9:40:00 AM	5/21/2019 10:27:00 PM	Methoxychlor	n/a	<	0.054	µg/L	EPA 608	0.054	0.2	WKL	
MO-SIM	2018/19-5	Dry	5/14/2019 9:40:00 AM	5/22/2019 4:27:00 AM	Methyl parathion	n/a	<	0.0063	µg/L	EPA 525.2m	0.0063	0.01	WKL	
MO-SIM	2018/19-5	Dry	5/14/2019 9:40:00 AM	5/16/2019 11:25:00 PM	Metolachlor	n/a	<	0.012	µg/L	EPA 525.2	0.012	0.1	WKL	
MO-SIM	2018/19-5	Dry	5/14/2019 9:40:00 AM	5/16/2019 11:25:00 PM	Metribuzin	n/a	<	0.015	µg/L	EPA 525.2	0.015	0.1	WKL	
MO-SIM	2018/19-5	Dry	5/14/2019 9:40:00 AM	5/22/2019 4:27:00 AM	Mevinphos	n/a	<	0.0042	µg/L	EPA 525.2m	0.0042	0.01	WKL	
MO-SIM	2018/19-5	Dry	5/14/2019 9:40:00 AM	5/16/2019 11:25:00 PM	Molinate	n/a	<	0.039	µg/L	EPA 525.2	0.039	0.1	WKL	
MO-SIM	2018/19-5	Dry	5/14/2019 9:40:00 AM	5/22/2019 4:27:00 AM	Naled	n/a	<	0.0076	µg/L	EPA 525.2m	0.0076	0.01	WKL	
MO-SIM	2018/19-5	Dry	5/14/2019 9:40:00 AM	5/22/2019 4:32:00 AM	Pentachlorophenol	n/a	<	0.15	µg/L	EPA 8270C	0.15	1	WKL	

Appendix G
Laboratory Environmental Analysis Results

Site ID	Event	Event Type	Sample Date	Analysis Date	Constituent	Fraction	Sign	Result	Units	Method	MDL	Reporting Limit	Analyzing Laboratory	Qualifier
MO-SIM	2018/19-5	Dry	5/14/2019 9:40:00 AM	5/24/2019 4:11:00 AM	Pentachlorophenol	n/a	<	0.04	µg/L	EPA 515.4	0.04	0.2	WKL	
MO-SIM	2018/19-5	Dry	5/14/2019 9:40:00 AM	5/24/2019 10:11:00 PM	Pentachlorophenol	n/a	<	0.19	µg/L	EPA 625	0.19	1	WKL	
MO-SIM	2018/19-5	Dry	5/14/2019 9:40:00 AM	5/22/2019 4:27:00 AM	Phorate	n/a	<	0.003	µg/L	EPA 525.2m	0.003	0.01	WKL	
MO-SIM	2018/19-5	Dry	5/14/2019 9:40:00 AM	5/24/2019 4:11:00 AM	Picloram	n/a	<	0.05	µg/L	EPA 515.4	0.05	0.6	WKL	
MO-SIM	2018/19-5	Dry	5/14/2019 9:40:00 AM	5/16/2019 11:25:00 PM	Prometon	n/a	<	0.024	µg/L	EPA 525.2	0.024	0.2	WKL	
MO-SIM	2018/19-5	Dry	5/14/2019 9:40:00 AM	5/16/2019 11:25:00 PM	Prometryn	n/a	<	0.036	µg/L	EPA 525.2	0.036	0.1	WKL	
MO-SIM	2018/19-5	Dry	5/14/2019 9:40:00 AM	5/22/2019 4:27:00 AM	Ronnel (Fenchlorphos)	n/a	<	0.0041	µg/L	EPA 525.2m	0.0041	0.01	WKL	
MO-SIM	2018/19-5	Dry	5/14/2019 9:40:00 AM	5/16/2019 11:25:00 PM	Simazine	n/a	<	0.015	µg/L	EPA 525.2	0.015	0.1	WKL	
MO-SIM	2018/19-5	Dry	5/14/2019 9:40:00 AM	5/22/2019 4:27:00 AM	Stirophos (Tetrachlorvinphos)	n/a	<	0.0031	µg/L	EPA 525.2m	0.0031	0.01	WKL	
MO-SIM	2018/19-5	Dry	5/14/2019 9:40:00 AM	5/16/2019 11:25:00 PM	Terbacil	n/a	<	0.55	µg/L	EPA 525.2	0.55	2	WKL	
MO-SIM	2018/19-5	Dry	5/14/2019 9:40:00 AM	5/16/2019 11:25:00 PM	Thiobencarb	n/a	<	0.025	µg/L	EPA 525.2	0.025	0.2	WKL	
MO-SIM	2018/19-5	Dry	5/14/2019 9:40:00 AM	5/22/2019 4:27:00 AM	Tokuthion	n/a	<	0.0078	µg/L	EPA 525.2m	0.0078	0.01	WKL	
MO-SIM	2018/19-5	Dry	5/14/2019 9:40:00 AM	5/21/2019 10:27:00 PM	Toxaphene	n/a	<	1.2	µg/L	EPA 608	1.2	5	WKL	
MO-SIM	2018/19-5	Dry	5/14/2019 9:40:00 AM	5/22/2019 4:27:00 AM	Trichloronate	n/a	<	0.0067	µg/L	EPA 525.2m	0.0067	0.01	WKL	
MO-SIM	2018/19-5	Dry	5/14/2019 9:40:00 AM	5/16/2019 11:25:00 PM	Trithion	n/a	<	0.012	µg/L	EPA 525.2	0.012	0.1	WKL	
MO-SIM	2019-DRY	Dry	8/21/2019 9:10:00 AM	8/22/2019 6:00:00 AM	E. Coli	n/a	=	148	MPN/100 mL	MMO-MUG	10	10	VCHCA	
MO-SIM	2019-DRY	Dry	8/21/2019 9:10:00 AM	8/22/2019 6:00:00 AM	Total Coliform	n/a	=	61310	MPN/100 mL	MMO-MUG	100	100	VCHCA	
MO-SIM	2019-DRY	Dry	8/21/2019 9:10:00 AM	9/9/2019 5:32:00 PM	Calcium	Total	=	291	mg/L	EPA 200.7	0.016	0.1	WKL	
MO-SIM	2019-DRY	Dry	8/21/2019 9:10:00 AM	9/9/2019 5:32:00 PM	Magnesium	Total	=	114	mg/L	EPA 200.7	0.012	0.1	WKL	
MO-SIM	2019-DRY	Dry	8/21/2019 9:10:00 AM	8/21/2019 9:10:00 AM	Conductivity	n/a	=	2672	µmhos/cm	Field Meter	-88	1	Field Crew	
MO-SIM	2019-DRY	Dry	8/21/2019 9:10:00 AM	8/21/2019 9:10:00 AM	Discharge	n/a	=	1	cfs	Field Estimate	-88	-88	Field Crew	EST
MO-SIM	2019-DRY	Dry	8/21/2019 9:10:00 AM	8/21/2019 9:10:00 AM	DO	n/a	=	104.9	%	Field Meter	-88	0.1	Field Crew	
MO-SIM	2019-DRY	Dry	8/21/2019 9:10:00 AM	8/21/2019 9:10:00 AM	DO	n/a	=	9.49	mg/L	Field Meter	-88	0.3	Field Crew	
MO-SIM	2019-DRY	Dry	8/21/2019 9:10:00 AM	9/9/2019 5:32:00 PM	Hardness as CaCO3	Total	=	1200	mg/L	EPA 200.7	0.0894	0.662	WKL	
MO-SIM	2019-DRY	Dry	8/21/2019 9:10:00 AM	8/21/2019 9:10:00 AM	pH	n/a	=	7.87	pH Units	Field Meter	-88	0.01	Field Crew	
MO-SIM	2019-DRY	Dry	8/21/2019 9:10:00 AM	8/21/2019 9:10:00 AM	Salinity	n/a	=	1500	mg/L	Salinity Meter	-88	100	Field Crew	
MO-SIM	2019-DRY	Dry	8/21/2019 9:10:00 AM	8/21/2019 9:10:00 AM	Specific Conductance	n/a	=	2956	µmhos/cm	Field Meter	-88	1	Field Crew	
MO-SIM	2019-DRY	Dry	8/21/2019 9:10:00 AM	8/21/2019 9:10:00 AM	Temperature	n/a	=	19.9	°C	Field Meter	-88	0.1	Field Crew	
MO-SIM	2019-DRY	Dry	8/21/2019 9:10:00 AM	8/22/2019 12:35:00 PM	Total Organic Carbon	n/a	=	4.2	mg/L	SM 5310 B	0.009	0.3	WKL	
MO-SIM	2019-DRY	Dry	8/21/2019 9:10:00 AM	8/21/2019 9:10:00 AM	Turbidity	n/a	=	1.39	NTU	Field Meter	-88	0.01	Field Crew	
MO-SIM	2019-DRY	Dry	8/21/2019 9:10:00 AM	9/3/2019 8:28:00 PM	Copper	Dissolved	=	0.56	µg/L	EPA 200.8	0.13	0.5	WKL	
MO-SIM	2019-DRY	Dry	8/21/2019 9:10:00 AM	9/3/2019 8:28:00 PM	Lead	Dissolved	<	0.031	µg/L	EPA 200.8	0.031	0.2	WKL	
MO-SIM	2019-DRY	Dry	8/21/2019 9:10:00 AM	9/3/2019 8:28:00 PM	Zinc	Dissolved	DNQ	1.2	µg/L	EPA 200.8	0.94	5	WKL	UL-MB
MO-SPA	2018/19-1	Wet	11/22/2018 9:05:00 AM	11/26/2018 10:00:00 PM	Chloride	n/a	=	11	mg/L	EPA 300.0	0.1	0.5	WKL	
MO-SPA	2018/19-1	Wet	11/22/2018 9:05:00 AM	11/26/2018 10:00:00 PM	Fluoride	n/a	=	0.34	mg/L	EPA 300.0	0.02	0.1	WKL	
MO-SPA	2018/19-1	Wet	11/22/2018 9:05:00 AM	11/29/2018 5:54:00 PM	Perchlorate	n/a	<	0.95	µg/L	EPA 314.0	0.95	2	WKL	
MO-SPA	2018/19-1	Wet	11/22/2018 9:05:00 AM	11/26/2018 10:00:00 PM	Sulfate	Total	=	37	mg/L	EPA 300.0	0.1	0.5	WKL	
MO-SPA	2018/19-1	Wet	11/22/2018 9:05:00 AM	11/26/2018 4:51:00 PM	Calcium	Total	=	27.3	mg/L	EPA 200.7	0.032	0.2	WKL	
MO-SPA	2018/19-1	Wet	11/22/2018 9:05:00 AM	11/26/2018 4:51:00 PM	Magnesium	Total	=	6.48	mg/L	EPA 200.7	0.024	0.2	WKL	
MO-SPA	2018/19-1	Wet	11/22/2018 9:05:00 AM	11/26/2018 4:51:00 PM	Potassium	Total	=	9.9	mg/L	EPA 200.7	0.16	0.2	WKL	
MO-SPA	2018/19-1	Wet	11/22/2018 9:05:00 AM	11/27/2018 1:49:00 PM	Sodium	Total	=	11	mg/L	EPA 200.7	0.03	1	WKL	
MO-SPA	2018/19-1	Wet	11/22/2018 9:05:00 AM	11/27/2018 2:45:00 PM	Alkalinity as CaCO3	n/a	=	79	mg/L	SM 2320 B	0.56	2	WKL	
MO-SPA	2018/19-1	Wet	11/22/2018 9:05:00 AM	11/28/2018 6:36:00 PM	BOD	n/a	=	55	mg/L	SM 5210 B	2	2	WKL	
MO-SPA	2018/19-1	Wet	11/22/2018 9:05:00 AM	11/27/2018 2:52:00 PM	COD	n/a	=	290	mg/L	EPA 410.4	0.73	5	WKL	
MO-SPA	2018/19-1	Wet	11/22/2018 9:05:00 AM	12/4/2018 2:24:00 PM	Dissolved Inorganic Carbon	Dissolved	=	14	mg/L	SM 5310 B	0.016	0.1	WKL	
MO-SPA	2018/19-1	Wet	11/22/2018 9:05:00 AM	12/3/2018 11:13:00 AM	Dissolved Organic Carbon	Dissolved	=	47	mg/L	SM 5310 B	0.013	0.3	WKL	
MO-SPA	2018/19-1	Wet	11/22/2018 9:05:00 AM	11/26/2018 4:51:00 PM	Hardness as CaCO3	Total	=	94.7	mg/L	EPA 200.7	0.179	1.32	WKL	
MO-SPA	2018/19-1	Wet	11/22/2018 9:05:00 AM	11/23/2018 6:32:00 PM	MBAS	n/a	=	1.3	mg/L	SM 5540 C	0.19	0.5	WKL	

Appendix G
Laboratory Environmental Analysis Results

Site ID	Event	Event Type	Sample Date	Analysis Date	Constituent	Fraction	Sign	Result	Units	Method	MDL	Reporting Limit	Analyzing Laboratory	Qualifier
MO-SPA	2018/19-1	Wet	11/22/2018 9:05:00 AM	12/19/2018 5:56:00 PM	Phenolics	n/a	=	0.037	mg/L	EPA 420.4	0.0042	0.01	WKL	
MO-SPA	2018/19-1	Wet	11/22/2018 9:05:00 AM	11/28/2018 6:35:00 PM	Specific Conductance	n/a	=	310	µmhos/cm	SM 2510 B	0.23	2	WKL	
MO-SPA	2018/19-1	Wet	11/22/2018 9:05:00 AM	11/27/2018 6:57:00 PM	Total Dissolved Solids	n/a	=	210	mg/L	SM 2540 C	4	10	WKL	
MO-SPA	2018/19-1	Wet	11/22/2018 9:05:00 AM	11/30/2018 12:03:00 PM	Total Organic Carbon	n/a	=	59	mg/L	SM 5310 B	0.016	0.1	WKL	
MO-SPA	2018/19-1	Wet	11/22/2018 9:05:00 AM	11/27/2018 2:15:00 PM	Total Suspended Solids	n/a	=	280	mg/L	SM 2540 D	-88	5	WKL	
MO-SPA	2018/19-1	Wet	11/22/2018 9:05:00 AM	11/23/2018 6:35:00 PM	Turbidity	n/a	=	86	NTU	EPA 180.1	0.12	0.5	WKL	
MO-SPA	2018/19-1	Wet	11/22/2018 9:05:00 AM	11/27/2018 2:15:00 PM	Volatile Suspended Solids	n/a	=	80	mg/L	EPA 160.4	3.1	5	WKL	
MO-SPA	2018/19-1	Wet	11/22/2018 9:05:00 AM	11/30/2018 10:46:00 PM	Diesel Range Organics	n/a	=	1.4	mg/L	EPA 8015D	0.12	0.5	WKL	
MO-SPA	2018/19-1	Wet	11/22/2018 9:05:00 AM	11/30/2018 10:46:00 PM	Oil Range Organics	n/a	DNQ	1.9	mg/L	EPA 8015D	1.6	2.5	WKL	
MO-SPA	2018/19-1	Wet	11/22/2018 9:05:00 AM	11/29/2018 2:40:00 PM	Aluminum	Dissolved	=	56	µg/L	EPA 200.8	1.3	5	WKL	
MO-SPA	2018/19-1	Wet	11/22/2018 9:05:00 AM	11/29/2018 2:44:00 PM	Aluminum	Total	=	4900	µg/L	EPA 200.8	2.6	10	WKL	
MO-SPA	2018/19-1	Wet	11/22/2018 9:05:00 AM	11/29/2018 2:40:00 PM	Antimony	Dissolved	=	1.3	µg/L	EPA 200.8	0.045	0.5	WKL	
MO-SPA	2018/19-1	Wet	11/22/2018 9:05:00 AM	11/29/2018 2:44:00 PM	Antimony	Total	=	2.9	µg/L	EPA 200.8	0.09	1	WKL	
MO-SPA	2018/19-1	Wet	11/22/2018 9:05:00 AM	11/29/2018 2:40:00 PM	Arsenic	Dissolved	=	1.2	µg/L	EPA 200.8	0.074	0.4	WKL	
MO-SPA	2018/19-1	Wet	11/22/2018 9:05:00 AM	11/29/2018 2:44:00 PM	Arsenic	Total	=	3.1	µg/L	EPA 200.8	0.15	0.8	WKL	
MO-SPA	2018/19-1	Wet	11/22/2018 9:05:00 AM	11/29/2018 2:44:00 PM	Barium	Total	=	120	µg/L	EPA 200.8	0.14	1	WKL	
MO-SPA	2018/19-1	Wet	11/22/2018 9:05:00 AM	11/29/2018 2:40:00 PM	Beryllium	Dissolved	<	0.033	µg/L	EPA 200.8	0.033	0.1	WKL	
MO-SPA	2018/19-1	Wet	11/22/2018 9:05:00 AM	11/29/2018 2:44:00 PM	Beryllium	Total	=	0.22	µg/L	EPA 200.8	0.066	0.2	WKL	
MO-SPA	2018/19-1	Wet	11/22/2018 9:05:00 AM	11/29/2018 2:40:00 PM	Cadmium	Dissolved	DNQ	0.08	µg/L	EPA 200.8	0.041	0.1	WKL	
MO-SPA	2018/19-1	Wet	11/22/2018 9:05:00 AM	11/29/2018 2:44:00 PM	Cadmium	Total	=	0.81	µg/L	EPA 200.8	0.082	0.2	WKL	
MO-SPA	2018/19-1	Wet	11/22/2018 9:05:00 AM	11/29/2018 2:40:00 PM	Chromium	Dissolved	=	1.1	µg/L	EPA 200.8	0.035	0.2	WKL	
MO-SPA	2018/19-1	Wet	11/22/2018 9:05:00 AM	11/29/2018 2:44:00 PM	Chromium	Total	=	10	µg/L	EPA 200.8	0.07	0.4	WKL	
MO-SPA	2018/19-1	Wet	11/22/2018 9:05:00 AM	11/30/2018 10:59:00 PM	Chromium VI	n/a	<	0.096	µg/L	EPA 218.6	0.096	0.4	WKL	
MO-SPA	2018/19-1	Wet	11/22/2018 9:05:00 AM	11/29/2018 2:40:00 PM	Copper	Dissolved	=	19	µg/L	EPA 200.8	0.13	0.5	WKL	
MO-SPA	2018/19-1	Wet	11/22/2018 9:05:00 AM	11/29/2018 2:44:00 PM	Copper	Total	=	57	µg/L	EPA 200.8	0.26	1	WKL	
MO-SPA	2018/19-1	Wet	11/22/2018 9:05:00 AM	11/26/2018 4:13:00 PM	Iron	Dissolved	=	170	µg/L	EPA 200.7	1.1	10	WKL	
MO-SPA	2018/19-1	Wet	11/22/2018 9:05:00 AM	11/26/2018 4:51:00 PM	Iron	Total	=	7800	µg/L	EPA 200.7	2.2	20	WKL	
MO-SPA	2018/19-1	Wet	11/22/2018 9:05:00 AM	11/29/2018 2:40:00 PM	Lead	Dissolved	=	2.5	µg/L	EPA 200.8	0.031	0.2	WKL	
MO-SPA	2018/19-1	Wet	11/22/2018 9:05:00 AM	11/29/2018 2:44:00 PM	Lead	Total	=	28	µg/L	EPA 200.8	0.062	0.4	WKL	
MO-SPA	2018/19-1	Wet	11/22/2018 9:05:00 AM	11/28/2018 2:44:00 PM	Mercury	Dissolved	<	17	ng/L	EPA 245.1	17	50	WKL	
MO-SPA	2018/19-1	Wet	11/22/2018 9:05:00 AM	11/28/2018 2:46:00 PM	Mercury	Total	DNQ	27	ng/L	EPA 245.1	17	50	WKL	
MO-SPA	2018/19-1	Wet	11/22/2018 9:05:00 AM	11/29/2018 2:40:00 PM	Nickel	Dissolved	=	7.9	µg/L	EPA 200.8	0.045	0.8	WKL	
MO-SPA	2018/19-1	Wet	11/22/2018 9:05:00 AM	11/29/2018 2:44:00 PM	Nickel	Total	=	18	µg/L	EPA 200.8	0.09	1.6	WKL	
MO-SPA	2018/19-1	Wet	11/22/2018 9:05:00 AM	11/29/2018 2:40:00 PM	Selenium	Dissolved	=	0.56	µg/L	EPA 200.8	0.14	0.4	WKL	
MO-SPA	2018/19-1	Wet	11/22/2018 9:05:00 AM	11/29/2018 2:44:00 PM	Selenium	Total	DNQ	0.73	µg/L	EPA 200.8	0.28	0.8	WKL	
MO-SPA	2018/19-1	Wet	11/22/2018 9:05:00 AM	11/29/2018 2:40:00 PM	Silver	Dissolved	<	0.062	µg/L	EPA 200.8	0.062	0.2	WKL	
MO-SPA	2018/19-1	Wet	11/22/2018 9:05:00 AM	11/29/2018 2:44:00 PM	Silver	Total	<	0.12	µg/L	EPA 200.8	0.12	0.4	WKL	
MO-SPA	2018/19-1	Wet	11/22/2018 9:05:00 AM	11/29/2018 2:40:00 PM	Thallium	Dissolved	<	0.014	µg/L	EPA 200.8	0.014	0.2	WKL	
MO-SPA	2018/19-1	Wet	11/22/2018 9:05:00 AM	11/29/2018 2:44:00 PM	Thallium	Total	DNQ	0.064	µg/L	EPA 200.8	0.028	0.4	WKL	
MO-SPA	2018/19-1	Wet	11/22/2018 9:05:00 AM	11/29/2018 2:40:00 PM	Zinc	Dissolved	=	110	µg/L	EPA 200.8	0.94	5	WKL	
MO-SPA	2018/19-1	Wet	11/22/2018 9:05:00 AM	11/29/2018 2:44:00 PM	Zinc	Total	=	370	µg/L	EPA 200.8	1.9	10	WKL	
MO-SPA	2018/19-1	Wet	11/22/2018 9:05:00 AM	11/27/2018 4:38:00 PM	Ammonia as N	n/a	=	4.4	mg/L	EPA 350.1	0.048	0.1	WKL	
MO-SPA	2018/19-1	Wet	11/22/2018 9:05:00 AM	12/17/2018 1:07:00 PM	Nitrate + Nitrite as N	n/a	<	0.083	mg/L	EPA 353.2	0.083	0.2	WKL	
MO-SPA	2018/19-1	Wet	11/22/2018 9:05:00 AM	1/25/2019 2:48:00 PM	Phosphorus as P	Dissolved	=	0.55	mg/L	EPA 200.7	0.012	0.02	WKL	
MO-SPA	2018/19-1	Wet	11/22/2018 9:05:00 AM	1/25/2019 2:51:00 PM	Phosphorus as P	Total	=	1.4	mg/L	EPA 200.7	0.012	0.02	WKL	
MO-SPA	2018/19-1	Wet	11/22/2018 9:05:00 AM	11/29/2018 1:50:00 PM	TKN	n/a	=	12	mg/L	EPA 351.2	0.25	0.5	WKL	
MO-SPA	2018/19-1	Wet	11/22/2018 9:05:00 AM	12/29/2018 12:19:00 AM	1,2,4-Trichlorobenzene	n/a	<	5.5	µg/L	EPA 625	5.5	10	WKL	
MO-SPA	2018/19-1	Wet	11/22/2018 9:05:00 AM	12/29/2018 12:19:00 AM	1,2-Dichlorobenzene	n/a	<	5.7	µg/L	EPA 625	5.7	10	WKL	

Appendix G
Laboratory Environmental Analysis Results

Site ID	Event	Event Type	Sample Date	Analysis Date	Constituent	Fraction	Sign	Result	Units	Method	MDL	Reporting Limit	Analyzing Laboratory	Qualifier
MO-SPA	2018/19-1	Wet	11/22/2018 9:05:00 AM	12/29/2018 12:19:00 AM	1,2-Diphenylhydrazine	n/a	<	2.5	µg/L	EPA 625	2.5	10	WKL	
MO-SPA	2018/19-1	Wet	11/22/2018 9:05:00 AM	12/29/2018 12:19:00 AM	1,3-Dichlorobenzene	n/a	<	5.3	µg/L	EPA 625	5.3	10	WKL	
MO-SPA	2018/19-1	Wet	11/22/2018 9:05:00 AM	12/29/2018 12:19:00 AM	1,4-Dichlorobenzene	n/a	<	5.5	µg/L	EPA 625	5.5	10	WKL	
MO-SPA	2018/19-1	Wet	11/22/2018 9:05:00 AM	1/4/2019 6:49:00 AM	1-Methylnaphthalene	n/a	<	1	µg/L	EPA 8270C	1	1	WKL	
MO-SPA	2018/19-1	Wet	11/22/2018 9:05:00 AM	1/2/2019 8:58:00 PM	2,4,5-Trichlorophenol	n/a	<	2.9	µg/L	EPA 8270C	2.9	10	WKL	
MO-SPA	2018/19-1	Wet	11/22/2018 9:05:00 AM	12/29/2018 12:19:00 AM	2,4,6-Trichlorophenol	n/a	<	2.2	µg/L	EPA 625	2.2	10	WKL	
MO-SPA	2018/19-1	Wet	11/22/2018 9:05:00 AM	1/2/2019 8:58:00 PM	2,4,6-Trichlorophenol	n/a	<	3	µg/L	EPA 8270C	3	10	WKL	
MO-SPA	2018/19-1	Wet	11/22/2018 9:05:00 AM	1/2/2019 8:58:00 PM	2,4-Dichlorophenol	n/a	<	5.1	µg/L	EPA 8270C	5.1	10	WKL	
MO-SPA	2018/19-1	Wet	11/22/2018 9:05:00 AM	12/29/2018 12:19:00 AM	2,4-Dichlorophenol	n/a	<	2.6	µg/L	EPA 625	2.6	10	WKL	
MO-SPA	2018/19-1	Wet	11/22/2018 9:05:00 AM	12/29/2018 12:19:00 AM	2,4-Dimethylphenol	n/a	<	3	µg/L	EPA 625	3	10	WKL	
MO-SPA	2018/19-1	Wet	11/22/2018 9:05:00 AM	1/2/2019 8:58:00 PM	2,4-Dimethylphenol	n/a	<	10	µg/L	EPA 8270C	10	20	WKL	
MO-SPA	2018/19-1	Wet	11/22/2018 9:05:00 AM	12/29/2018 12:19:00 AM	2,4-Dinitrophenol	n/a	<	16	µg/L	EPA 625	16	100	WKL	
MO-SPA	2018/19-1	Wet	11/22/2018 9:05:00 AM	1/2/2019 8:58:00 PM	2,4-Dinitrophenol	n/a	<	10	µg/L	EPA 8270C	10	20	WKL	
MO-SPA	2018/19-1	Wet	11/22/2018 9:05:00 AM	12/29/2018 12:19:00 AM	2,4-Dinitrotoluene	n/a	<	1.8	µg/L	EPA 625	1.8	10	WKL	
MO-SPA	2018/19-1	Wet	11/22/2018 9:05:00 AM	12/29/2018 12:19:00 AM	2,6-Dinitrotoluene	n/a	<	2.7	µg/L	EPA 625	2.7	10	WKL	
MO-SPA	2018/19-1	Wet	11/22/2018 9:05:00 AM	12/29/2018 12:19:00 AM	2-Chloronaphthalene	n/a	<	4.5	µg/L	EPA 625	4.5	10	WKL	
MO-SPA	2018/19-1	Wet	11/22/2018 9:05:00 AM	12/29/2018 12:19:00 AM	2-Chlorophenol	n/a	<	2.8	µg/L	EPA 625	2.8	10	WKL	
MO-SPA	2018/19-1	Wet	11/22/2018 9:05:00 AM	1/2/2019 8:58:00 PM	2-Chlorophenol	n/a	<	6.5	µg/L	EPA 8270C	6.5	10	WKL	
MO-SPA	2018/19-1	Wet	11/22/2018 9:05:00 AM	1/4/2019 6:49:00 AM	2-Methylnaphthalene	n/a	<	1	µg/L	EPA 8270C	1	1	WKL	
MO-SPA	2018/19-1	Wet	11/22/2018 9:05:00 AM	1/2/2019 8:58:00 PM	2-Methylphenol	n/a	<	3.4	µg/L	EPA 8270C	3.4	10	WKL	
MO-SPA	2018/19-1	Wet	11/22/2018 9:05:00 AM	12/29/2018 12:19:00 AM	2-Nitrophenol	n/a	<	2.6	µg/L	EPA 625	2.6	10	WKL	
MO-SPA	2018/19-1	Wet	11/22/2018 9:05:00 AM	1/2/2019 8:58:00 PM	2-Nitrophenol	n/a	<	7.1	µg/L	EPA 8270C	7.1	10	WKL	
MO-SPA	2018/19-1	Wet	11/22/2018 9:05:00 AM	12/29/2018 12:19:00 AM	3,3'-Dichlorobenzidine	n/a	<	12	µg/L	EPA 625	12	50	WKL	
MO-SPA	2018/19-1	Wet	11/22/2018 9:05:00 AM	1/2/2019 8:58:00 PM	3-/4-Methylphenol	n/a	<	3	µg/L	EPA 8270C	3	10	WKL	
MO-SPA	2018/19-1	Wet	11/22/2018 9:05:00 AM	1/2/2019 8:58:00 PM	4,6-Dinitro-2-methylphenol	n/a	<	1.4	µg/L	EPA 8270C	1.4	10	WKL	
MO-SPA	2018/19-1	Wet	11/22/2018 9:05:00 AM	12/29/2018 12:19:00 AM	4,6-Dinitro-2-methylphenol	n/a	<	17	µg/L	EPA 625	17	50	WKL	
MO-SPA	2018/19-1	Wet	11/22/2018 9:05:00 AM	12/29/2018 12:19:00 AM	4-Bromophenyl phenyl ether	n/a	<	3.6	µg/L	EPA 625	3.6	10	WKL	
MO-SPA	2018/19-1	Wet	11/22/2018 9:05:00 AM	12/29/2018 12:19:00 AM	4-Chloro-3-methylphenol	n/a	<	2.3	µg/L	EPA 625	2.3	10	WKL	
MO-SPA	2018/19-1	Wet	11/22/2018 9:05:00 AM	1/2/2019 8:58:00 PM	4-Chloro-3-methylphenol	n/a	<	3.7	µg/L	EPA 8270C	3.7	10	WKL	
MO-SPA	2018/19-1	Wet	11/22/2018 9:05:00 AM	12/29/2018 12:19:00 AM	4-Chlorophenyl phenyl ether	n/a	<	4.1	µg/L	EPA 625	4.1	10	WKL	
MO-SPA	2018/19-1	Wet	11/22/2018 9:05:00 AM	1/2/2019 8:58:00 PM	4-Nitrophenol	n/a	DNQ	16	µg/L	EPA 8270C	10	20	WKL	
MO-SPA	2018/19-1	Wet	11/22/2018 9:05:00 AM	12/29/2018 12:19:00 AM	4-Nitrophenol	n/a	<	4.5	µg/L	EPA 625	4.5	50	WKL	
MO-SPA	2018/19-1	Wet	11/22/2018 9:05:00 AM	1/4/2019 6:49:00 AM	Acenaphthene	n/a	<	1	µg/L	EPA 8270C	1	1	WKL	
MO-SPA	2018/19-1	Wet	11/22/2018 9:05:00 AM	12/29/2018 12:19:00 AM	Acenaphthene	n/a	<	3.8	µg/L	EPA 625	3.8	10	WKL	
MO-SPA	2018/19-1	Wet	11/22/2018 9:05:00 AM	12/29/2018 12:19:00 AM	Acenaphthylene	n/a	<	4	µg/L	EPA 625	4	10	WKL	
MO-SPA	2018/19-1	Wet	11/22/2018 9:05:00 AM	1/4/2019 6:49:00 AM	Acenaphthylene	n/a	<	1	µg/L	EPA 8270C	1	1	WKL	
MO-SPA	2018/19-1	Wet	11/22/2018 9:05:00 AM	12/29/2018 12:19:00 AM	Anthracene	n/a	<	3.4	µg/L	EPA 625	3.4	10	WKL	
MO-SPA	2018/19-1	Wet	11/22/2018 9:05:00 AM	1/4/2019 6:49:00 AM	Anthracene	n/a	<	1	µg/L	EPA 8270C	1	1	WKL	
MO-SPA	2018/19-1	Wet	11/22/2018 9:05:00 AM	1/4/2019 6:49:00 AM	Benz(a)anthracene	n/a	<	1	µg/L	EPA 8270C	1	1	WKL	
MO-SPA	2018/19-1	Wet	11/22/2018 9:05:00 AM	12/29/2018 12:19:00 AM	Benz(a)anthracene	n/a	<	1.9	µg/L	EPA 625	1.9	10	WKL	
MO-SPA	2018/19-1	Wet	11/22/2018 9:05:00 AM	12/29/2018 12:19:00 AM	Benzidine	n/a	<	37	µg/L	EPA 625	37	100	WKL	
MO-SPA	2018/19-1	Wet	11/22/2018 9:05:00 AM	12/14/2018 5:38:00 AM	Benzo(a)pyrene	n/a	<	0.14	µg/L	EPA 525.2	0.14	0.2	WKL	
MO-SPA	2018/19-1	Wet	11/22/2018 9:05:00 AM	12/29/2018 12:19:00 AM	Benzo(a)pyrene	n/a	<	1.3	µg/L	EPA 625	1.3	10	WKL	
MO-SPA	2018/19-1	Wet	11/22/2018 9:05:00 AM	1/4/2019 6:49:00 AM	Benzo(a)pyrene	n/a	<	1	µg/L	EPA 8270C	1	1	WKL	
MO-SPA	2018/19-1	Wet	11/22/2018 9:05:00 AM	12/29/2018 12:19:00 AM	Benzo(b)fluoranthene	n/a	<	1.4	µg/L	EPA 625	1.4	10	WKL	
MO-SPA	2018/19-1	Wet	11/22/2018 9:05:00 AM	1/4/2019 6:49:00 AM	Benzo(b)fluoranthene	n/a	<	1	µg/L	EPA 8270C	1	1	WKL	
MO-SPA	2018/19-1	Wet	11/22/2018 9:05:00 AM	1/4/2019 6:49:00 AM	Benzo(g,h,i)perylene	n/a	<	1	µg/L	EPA 8270C	1	1	WKL	
MO-SPA	2018/19-1	Wet	11/22/2018 9:05:00 AM	12/29/2018 12:19:00 AM	Benzo(g,h,i)perylene	n/a	<	1	µg/L	EPA 625	1	20	WKL	

Appendix G
Laboratory Environmental Analysis Results

Site ID	Event	Event Type	Sample Date	Analysis Date	Constituent	Fraction	Sign	Result	Units	Method	MDL	Reporting Limit	Analyzing Laboratory	Qualifier
MO-SPA	2018/19-1	Wet	11/22/2018 9:05:00 AM	1/4/2019 6:49:00 AM	Benzo(k)fluoranthene	n/a	<	1	µg/L	EPA 8270C	1	1	WKL	
MO-SPA	2018/19-1	Wet	11/22/2018 9:05:00 AM	12/29/2018 12:19:00 AM	Benzo(k)fluoranthene	n/a	<	2.2	µg/L	EPA 625	2.2	10	WKL	
MO-SPA	2018/19-1	Wet	11/22/2018 9:05:00 AM	12/29/2018 12:19:00 AM	Bis(2-chloroethoxy)methane	n/a	<	2.5	µg/L	EPA 625	2.5	10	WKL	
MO-SPA	2018/19-1	Wet	11/22/2018 9:05:00 AM	12/29/2018 12:19:00 AM	Bis(2-chloroethyl)ether	n/a	<	2.7	µg/L	EPA 625	2.7	10	WKL	
MO-SPA	2018/19-1	Wet	11/22/2018 9:05:00 AM	12/29/2018 12:19:00 AM	Bis(2-chloroisopropyl)ether	n/a	<	3.8	µg/L	EPA 625	3.8	10	WKL	
MO-SPA	2018/19-1	Wet	11/22/2018 9:05:00 AM	12/14/2018 5:38:00 AM	Bis(2-ethylhexyl)adipate	n/a	<	0.21	µg/L	EPA 525.2	0.21	10	WKL	
MO-SPA	2018/19-1	Wet	11/22/2018 9:05:00 AM	12/14/2018 5:38:00 AM	Bis(2-ethylhexyl)phthalate	n/a	<	2.1	µg/L	EPA 525.2	2.1	6	WKL	
MO-SPA	2018/19-1	Wet	11/22/2018 9:05:00 AM	12/29/2018 12:19:00 AM	Bis(2-ethylhexyl)phthalate	n/a	<	23	µg/L	EPA 625	23	50	WKL	
MO-SPA	2018/19-1	Wet	11/22/2018 9:05:00 AM	12/29/2018 12:19:00 AM	Butyl benzyl phthalate	n/a	DNQ	1.8	µg/L	EPA 625	1.8	10	WKL	UL-MB
MO-SPA	2018/19-1	Wet	11/22/2018 9:05:00 AM	1/4/2019 6:49:00 AM	Chrysene	n/a	<	1	µg/L	EPA 8270C	1	1	WKL	
MO-SPA	2018/19-1	Wet	11/22/2018 9:05:00 AM	12/29/2018 12:19:00 AM	Chrysene	n/a	<	1.9	µg/L	EPA 625	1.9	10	WKL	
MO-SPA	2018/19-1	Wet	11/22/2018 9:05:00 AM	12/29/2018 12:19:00 AM	Dibenz(a,h)anthracene	n/a	<	0.8	µg/L	EPA 625	0.8	20	WKL	
MO-SPA	2018/19-1	Wet	11/22/2018 9:05:00 AM	1/4/2019 6:49:00 AM	Dibenz(a,h)anthracene	n/a	<	1	µg/L	EPA 8270C	1	1	WKL	
MO-SPA	2018/19-1	Wet	11/22/2018 9:05:00 AM	12/29/2018 12:19:00 AM	Diethyl phthalate	n/a	<	1.5	µg/L	EPA 625	1.5	10	WKL	
MO-SPA	2018/19-1	Wet	11/22/2018 9:05:00 AM	12/29/2018 12:19:00 AM	Dimethyl phthalate	n/a	<	1.8	µg/L	EPA 625	1.8	10	WKL	
MO-SPA	2018/19-1	Wet	11/22/2018 9:05:00 AM	12/29/2018 12:19:00 AM	Di-n-butylphthalate	n/a	<	2.4	µg/L	EPA 625	2.4	10	WKL	
MO-SPA	2018/19-1	Wet	11/22/2018 9:05:00 AM	12/29/2018 12:19:00 AM	Di-n-octylphthalate	n/a	<	1.9	µg/L	EPA 625	1.9	10	WKL	
MO-SPA	2018/19-1	Wet	11/22/2018 9:05:00 AM	12/29/2018 12:19:00 AM	Fluoranthene	n/a	<	2.2	µg/L	EPA 625	2.2	10	WKL	
MO-SPA	2018/19-1	Wet	11/22/2018 9:05:00 AM	1/4/2019 6:49:00 AM	Fluoranthene	n/a	<	1	µg/L	EPA 8270C	1	1	WKL	
MO-SPA	2018/19-1	Wet	11/22/2018 9:05:00 AM	12/29/2018 12:19:00 AM	Fluorene	n/a	<	3.5	µg/L	EPA 625	3.5	10	WKL	
MO-SPA	2018/19-1	Wet	11/22/2018 9:05:00 AM	1/4/2019 6:49:00 AM	Fluorene	n/a	<	1	µg/L	EPA 8270C	1	1	WKL	
MO-SPA	2018/19-1	Wet	11/22/2018 9:05:00 AM	12/29/2018 12:19:00 AM	Hexachlorobenzene	n/a	<	4.9	µg/L	EPA 625	4.9	10	WKL	
MO-SPA	2018/19-1	Wet	11/22/2018 9:05:00 AM	12/29/2018 12:19:00 AM	Hexachlorobutadiene	n/a	<	4.7	µg/L	EPA 625	4.7	10	WKL	
MO-SPA	2018/19-1	Wet	11/22/2018 9:05:00 AM	12/29/2018 12:19:00 AM	Hexachlorocyclopentadiene	n/a	<	15	µg/L	EPA 625	15	50	WKL	
MO-SPA	2018/19-1	Wet	11/22/2018 9:05:00 AM	12/29/2018 12:19:00 AM	Hexachloroethane	n/a	<	5.2	µg/L	EPA 625	5.2	10	WKL	
MO-SPA	2018/19-1	Wet	11/22/2018 9:05:00 AM	12/29/2018 12:19:00 AM	Indeno(1,2,3-cd)pyrene	n/a	<	1.2	µg/L	EPA 625	1.2	20	WKL	
MO-SPA	2018/19-1	Wet	11/22/2018 9:05:00 AM	1/4/2019 6:49:00 AM	Indeno(1,2,3-cd)pyrene	n/a	<	1	µg/L	EPA 8270C	1	1	WKL	
MO-SPA	2018/19-1	Wet	11/22/2018 9:05:00 AM	12/29/2018 12:19:00 AM	Isophorone	n/a	<	2.1	µg/L	EPA 625	2.1	10	WKL	
MO-SPA	2018/19-1	Wet	11/22/2018 9:05:00 AM	1/4/2019 6:49:00 AM	Naphthalene	n/a	<	1	µg/L	EPA 8270C	1	1	WKL	
MO-SPA	2018/19-1	Wet	11/22/2018 9:05:00 AM	12/29/2018 12:19:00 AM	Naphthalene	n/a	<	4.9	µg/L	EPA 625	4.9	10	WKL	
MO-SPA	2018/19-1	Wet	11/22/2018 9:05:00 AM	12/29/2018 12:19:00 AM	Nitrobenzene	n/a	<	3.6	µg/L	EPA 625	3.6	10	WKL	
MO-SPA	2018/19-1	Wet	11/22/2018 9:05:00 AM	12/29/2018 12:19:00 AM	N-Nitrosodimethylamine	n/a	<	1.4	µg/L	EPA 625	1.4	10	WKL	
MO-SPA	2018/19-1	Wet	11/22/2018 9:05:00 AM	12/29/2018 12:19:00 AM	N-Nitrosodi-N-propylamine	n/a	<	2.6	µg/L	EPA 625	2.6	10	WKL	
MO-SPA	2018/19-1	Wet	11/22/2018 9:05:00 AM	12/29/2018 12:19:00 AM	N-Nitrosodiphenylamine	n/a	<	1.9	µg/L	EPA 625	1.9	10	WKL	
MO-SPA	2018/19-1	Wet	11/22/2018 9:05:00 AM	12/29/2018 12:19:00 AM	Phenanthrene	n/a	<	3.2	µg/L	EPA 625	3.2	10	WKL	
MO-SPA	2018/19-1	Wet	11/22/2018 9:05:00 AM	1/4/2019 6:49:00 AM	Phenanthrene	n/a	<	1	µg/L	EPA 8270C	1	1	WKL	
MO-SPA	2018/19-1	Wet	11/22/2018 9:05:00 AM	1/2/2019 8:58:00 PM	Phenol	n/a	<	3.5	µg/L	EPA 8270C	3.5	10	WKL	
MO-SPA	2018/19-1	Wet	11/22/2018 9:05:00 AM	12/29/2018 12:19:00 AM	Phenol	n/a	<	1.6	µg/L	EPA 625	1.6	10	WKL	
MO-SPA	2018/19-1	Wet	11/22/2018 9:05:00 AM	12/29/2018 12:19:00 AM	Pyrene	n/a	<	2.5	µg/L	EPA 625	2.5	10	WKL	
MO-SPA	2018/19-1	Wet	11/22/2018 9:05:00 AM	1/4/2019 6:49:00 AM	Pyrene	n/a	<	1	µg/L	EPA 8270C	1	1	WKL	
MO-SPA	2018/19-1	Wet	11/22/2018 9:05:00 AM	12/20/2018 6:16:00 AM	PCB Aroclor 1016	n/a	<	1	µg/L	EPA 608	1	10	WKL	
MO-SPA	2018/19-1	Wet	11/22/2018 9:05:00 AM	12/20/2018 6:16:00 AM	PCB Aroclor 1221	n/a	<	1.2	µg/L	EPA 608	1.2	10	WKL	
MO-SPA	2018/19-1	Wet	11/22/2018 9:05:00 AM	12/20/2018 6:16:00 AM	PCB Aroclor 1232	n/a	<	3	µg/L	EPA 608	3	10	WKL	
MO-SPA	2018/19-1	Wet	11/22/2018 9:05:00 AM	12/20/2018 6:16:00 AM	PCB Aroclor 1242	n/a	<	1.4	µg/L	EPA 608	1.4	10	WKL	
MO-SPA	2018/19-1	Wet	11/22/2018 9:05:00 AM	12/20/2018 6:16:00 AM	PCB Aroclor 1248	n/a	<	1.2	µg/L	EPA 608	1.2	10	WKL	
MO-SPA	2018/19-1	Wet	11/22/2018 9:05:00 AM	12/20/2018 6:16:00 AM	PCB Aroclor 1254	n/a	<	0.8	µg/L	EPA 608	0.8	10	WKL	
MO-SPA	2018/19-1	Wet	11/22/2018 9:05:00 AM	12/20/2018 6:16:00 AM	PCB Aroclor 1260	n/a	<	0.8	µg/L	EPA 608	0.8	10	WKL	
MO-SPA	2018/19-1	Wet	11/22/2018 9:05:00 AM	12/15/2018 4:35:00 AM	2,4,5-T	n/a	<	0.07	µg/L	EPA 515.3	0.07	0.2	WKL	

Appendix G
Laboratory Environmental Analysis Results

Site ID	Event	Event Type	Sample Date	Analysis Date	Constituent	Fraction	Sign	Result	Units	Method	MDL	Reporting Limit	Analyzing Laboratory	Qualifier
MO-SPA	2018/19-1	Wet	11/22/2018 9:05:00 AM	12/15/2018 4:35:00 AM	2,4,5-TP	n/a	<	0.09	µg/L	EPA 515.3	0.09	0.2	WKL	
MO-SPA	2018/19-1	Wet	11/22/2018 9:05:00 AM	12/15/2018 4:35:00 AM	2,4-D	n/a	<	0.07	µg/L	EPA 515.3	0.07	0.4	WKL	
MO-SPA	2018/19-1	Wet	11/22/2018 9:05:00 AM	12/15/2018 4:35:00 AM	2,4-DB	n/a	<	6	µg/L	EPA 515.3	6	6	WKL	
MO-SPA	2018/19-1	Wet	11/22/2018 9:05:00 AM	12/15/2018 4:35:00 AM	3,5-Dichlorobenzoic acid	n/a	<	0.09	µg/L	EPA 515.3	0.09	1	WKL	
MO-SPA	2018/19-1	Wet	11/22/2018 9:05:00 AM	12/20/2018 6:16:00 AM	4,4'-DDD	n/a	<	0.06	µg/L	EPA 608	0.06	1	WKL	
MO-SPA	2018/19-1	Wet	11/22/2018 9:05:00 AM	12/20/2018 6:16:00 AM	4,4'-DDE	n/a	<	0.05	µg/L	EPA 608	0.05	1	WKL	
MO-SPA	2018/19-1	Wet	11/22/2018 9:05:00 AM	12/20/2018 6:16:00 AM	4,4'-DDT	n/a	<	0.062	µg/L	EPA 608	0.062	0.2	WKL	
MO-SPA	2018/19-1	Wet	11/22/2018 9:05:00 AM	12/15/2018 4:35:00 AM	Acifluorfen	n/a	<	0.06	µg/L	EPA 515.3	0.06	0.4	WKL	
MO-SPA	2018/19-1	Wet	11/22/2018 9:05:00 AM	12/14/2018 5:38:00 AM	Alachlor	n/a	<	0.044	µg/L	EPA 525.2	0.044	0.2	WKL	
MO-SPA	2018/19-1	Wet	11/22/2018 9:05:00 AM	12/20/2018 6:16:00 AM	Aldrin	n/a	<	0.03	µg/L	EPA 608	0.03	0.1	WKL	
MO-SPA	2018/19-1	Wet	11/22/2018 9:05:00 AM	12/20/2018 6:16:00 AM	alpha-BHC	n/a	<	0.036	µg/L	EPA 608	0.036	0.2	WKL	
MO-SPA	2018/19-1	Wet	11/22/2018 9:05:00 AM	12/20/2018 6:16:00 AM	alpha-Chlordane	n/a	<	0.082	µg/L	EPA 608	0.082	0.2	WKL	
MO-SPA	2018/19-1	Wet	11/22/2018 9:05:00 AM	12/14/2018 5:38:00 AM	Atrazine	n/a	<	0.068	µg/L	EPA 525.2	0.068	0.2	WKL	
MO-SPA	2018/19-1	Wet	11/22/2018 9:05:00 AM	12/12/2018 7:19:00 AM	Azinphos methyl	n/a	<	0.011	µg/L	EPA 525.2m	0.011	0.02	WKL	
MO-SPA	2018/19-1	Wet	11/22/2018 9:05:00 AM	12/15/2018 4:35:00 AM	Bentazon	n/a	<	0.11	µg/L	EPA 515.3	0.11	2	WKL	
MO-SPA	2018/19-1	Wet	11/22/2018 9:05:00 AM	12/20/2018 6:16:00 AM	beta-BHC	n/a	<	0.062	µg/L	EPA 608	0.062	0.1	WKL	
MO-SPA	2018/19-1	Wet	11/22/2018 9:05:00 AM	12/12/2018 7:19:00 AM	Bolstar	n/a	<	0.0092	µg/L	EPA 525.2m	0.0092	0.02	WKL	
MO-SPA	2018/19-1	Wet	11/22/2018 9:05:00 AM	12/14/2018 5:38:00 AM	Bromacil	n/a	<	0.076	µg/L	EPA 525.2	0.076	2	WKL	
MO-SPA	2018/19-1	Wet	11/22/2018 9:05:00 AM	12/14/2018 5:38:00 AM	Butachlor	n/a	<	0.034	µg/L	EPA 525.2	0.034	0.4	WKL	
MO-SPA	2018/19-1	Wet	11/22/2018 9:05:00 AM	12/14/2018 5:38:00 AM	Captan	n/a	<	1.7	µg/L	EPA 525.2	1.7	2	WKL	
MO-SPA	2018/19-1	Wet	11/22/2018 9:05:00 AM	12/20/2018 6:16:00 AM	Chlordane (technical)	n/a	<	1.6	µg/L	EPA 608	1.6	2	WKL	
MO-SPA	2018/19-1	Wet	11/22/2018 9:05:00 AM	12/14/2018 5:38:00 AM	Chlorpropham	n/a	<	0.02	µg/L	EPA 525.2	0.02	0.2	WKL	
MO-SPA	2018/19-1	Wet	11/22/2018 9:05:00 AM	12/12/2018 7:19:00 AM	Chlorpyrifos	n/a	<	0.014	µg/L	EPA 525.2m	0.014	0.02	WKL	
MO-SPA	2018/19-1	Wet	11/22/2018 9:05:00 AM	12/12/2018 7:19:00 AM	Coumaphos	n/a	<	0.01	µg/L	EPA 525.2m	0.01	0.02	WKL	
MO-SPA	2018/19-1	Wet	11/22/2018 9:05:00 AM	12/14/2018 5:38:00 AM	Cyanazine	n/a	<	0.048	µg/L	EPA 525.2	0.048	0.2	WKL	
MO-SPA	2018/19-1	Wet	11/22/2018 9:05:00 AM	12/15/2018 4:35:00 AM	Dalapon	n/a	<	0.1	µg/L	EPA 515.3	0.1	0.4	WKL	
MO-SPA	2018/19-1	Wet	11/22/2018 9:05:00 AM	12/15/2018 4:35:00 AM	DCPA (Dacthal)	n/a	<	0.07	µg/L	EPA 515.3	0.07	0.1	WKL	
MO-SPA	2018/19-1	Wet	11/22/2018 9:05:00 AM	12/20/2018 6:16:00 AM	delta-BHC	n/a	<	0.05	µg/L	EPA 608	0.05	0.1	WKL	
MO-SPA	2018/19-1	Wet	11/22/2018 9:05:00 AM	12/12/2018 7:19:00 AM	Demeton-O	n/a	<	0.02	µg/L	EPA 525.2m	0.02	0.02	WKL	
MO-SPA	2018/19-1	Wet	11/22/2018 9:05:00 AM	12/12/2018 7:19:00 AM	Demeton-S	n/a	<	0.02	µg/L	EPA 525.2m	0.02	0.02	WKL	
MO-SPA	2018/19-1	Wet	11/22/2018 9:05:00 AM	12/14/2018 5:38:00 AM	Diazinon	n/a	<	0.19	µg/L	EPA 525.2	0.19	0.2	WKL	
MO-SPA	2018/19-1	Wet	11/22/2018 9:05:00 AM	12/12/2018 7:19:00 AM	Diazinon	n/a	<	0.01	µg/L	EPA 525.2m	0.01	0.02	WKL	
MO-SPA	2018/19-1	Wet	11/22/2018 9:05:00 AM	12/15/2018 4:35:00 AM	Dicamba	n/a	<	0.12	µg/L	EPA 515.3	0.12	0.6	WKL	
MO-SPA	2018/19-1	Wet	11/22/2018 9:05:00 AM	12/15/2018 4:35:00 AM	Dichlorprop	n/a	<	0.08	µg/L	EPA 515.3	0.08	0.3	WKL	
MO-SPA	2018/19-1	Wet	11/22/2018 9:05:00 AM	12/12/2018 7:19:00 AM	Dichlorvos	n/a	=	0.076	µg/L	EPA 525.2m	0.0058	0.02	WKL	
MO-SPA	2018/19-1	Wet	11/22/2018 9:05:00 AM	12/20/2018 6:16:00 AM	Dieldrin	n/a	<	0.042	µg/L	EPA 608	0.042	0.2	WKL	
MO-SPA	2018/19-1	Wet	11/22/2018 9:05:00 AM	12/12/2018 7:19:00 AM	Dimethoate	n/a	<	0.012	µg/L	EPA 525.2m	0.012	0.02	WKL	
MO-SPA	2018/19-1	Wet	11/22/2018 9:05:00 AM	12/14/2018 5:38:00 AM	Dimethoate	n/a	<	2	µg/L	EPA 525.2	2	2	WKL	
MO-SPA	2018/19-1	Wet	11/22/2018 9:05:00 AM	12/15/2018 4:35:00 AM	Dinoseb	n/a	<	0.14	µg/L	EPA 515.3	0.14	0.4	WKL	
MO-SPA	2018/19-1	Wet	11/22/2018 9:05:00 AM	12/14/2018 5:38:00 AM	Diphenamid	n/a	<	0.048	µg/L	EPA 525.2	0.048	0.2	WKL	
MO-SPA	2018/19-1	Wet	11/22/2018 9:05:00 AM	12/14/2018 5:38:00 AM	Disulfoton	n/a	<	0.062	µg/L	EPA 525.2	0.062	0.2	WKL	
MO-SPA	2018/19-1	Wet	11/22/2018 9:05:00 AM	12/12/2018 7:19:00 AM	Disulfoton	n/a	<	0.02	µg/L	EPA 525.2m	0.02	0.02	WKL	
MO-SPA	2018/19-1	Wet	11/22/2018 9:05:00 AM	12/20/2018 6:16:00 AM	Endosulfan I	n/a	<	0.034	µg/L	EPA 608	0.034	0.4	WKL	
MO-SPA	2018/19-1	Wet	11/22/2018 9:05:00 AM	12/20/2018 6:16:00 AM	Endosulfan II	n/a	<	0.038	µg/L	EPA 608	0.038	0.2	WKL	
MO-SPA	2018/19-1	Wet	11/22/2018 9:05:00 AM	12/20/2018 6:16:00 AM	Endosulfan sulfate	n/a	<	0.16	µg/L	EPA 608	0.16	1	WKL	
MO-SPA	2018/19-1	Wet	11/22/2018 9:05:00 AM	12/20/2018 6:16:00 AM	Endrin	n/a	<	0.056	µg/L	EPA 608	0.056	0.2	WKL	
MO-SPA	2018/19-1	Wet	11/22/2018 9:05:00 AM	12/20/2018 6:16:00 AM	Endrin aldehyde	n/a	<	0.06	µg/L	EPA 608	0.06	0.2	WKL	
MO-SPA	2018/19-1	Wet	11/22/2018 9:05:00 AM	12/14/2018 5:38:00 AM	EPTC	n/a	<	0.034	µg/L	EPA 525.2	0.034	2	WKL	

Appendix G
Laboratory Environmental Analysis Results

Site ID	Event	Event Type	Sample Date	Analysis Date	Constituent	Fraction	Sign	Result	Units	Method	MDL	Reporting Limit	Analyzing Laboratory	Qualifier
MO-SPA	2018/19-1	Wet	11/22/2018 9:05:00 AM	12/12/2018 7:19:00 AM	Ethoprop	n/a	<	0.013	µg/L	EPA 525.2m	0.013	0.02	WKL	
MO-SPA	2018/19-1	Wet	11/22/2018 9:05:00 AM	12/12/2018 7:19:00 AM	Ethyl parathion	n/a	<	0.011	µg/L	EPA 525.2m	0.011	0.02	WKL	
MO-SPA	2018/19-1	Wet	11/22/2018 9:05:00 AM	12/12/2018 7:19:00 AM	Fensulfothion	n/a	<	0.0058	µg/L	EPA 525.2m	0.0058	0.02	WKL	
MO-SPA	2018/19-1	Wet	11/22/2018 9:05:00 AM	12/12/2018 7:19:00 AM	Fenthion	n/a	<	0.0076	µg/L	EPA 525.2m	0.0076	0.02	WKL	
MO-SPA	2018/19-1	Wet	11/22/2018 9:05:00 AM	12/20/2018 6:16:00 AM	gamma-BHC (Lindane)	n/a	<	0.042	µg/L	EPA 608	0.042	0.4	WKL	
MO-SPA	2018/19-1	Wet	11/22/2018 9:05:00 AM	12/20/2018 6:16:00 AM	gamma-Chlordane	n/a	<	0.088	µg/L	EPA 608	0.088	0.2	WKL	
MO-SPA	2018/19-1	Wet	11/22/2018 9:05:00 AM	11/29/2018 12:38:00 AM	Glyphosate	n/a	DNQ	47	µg/L	EPA 547	18	50	WKL	
MO-SPA	2018/19-1	Wet	11/22/2018 9:05:00 AM	12/20/2018 6:16:00 AM	Heptachlor	n/a	<	0.034	µg/L	EPA 608	0.034	0.2	WKL	
MO-SPA	2018/19-1	Wet	11/22/2018 9:05:00 AM	12/20/2018 6:16:00 AM	Heptachlor epoxide	n/a	<	0.038	µg/L	EPA 608	0.038	0.2	WKL	
MO-SPA	2018/19-1	Wet	11/22/2018 9:05:00 AM	12/12/2018 7:19:00 AM	Malathion	n/a	=	0.15	µg/L	EPA 525.2m	0.015	0.02	WKL	
MO-SPA	2018/19-1	Wet	11/22/2018 9:05:00 AM	12/12/2018 7:19:00 AM	Merphos	n/a	<	0.012	µg/L	EPA 525.2m	0.012	0.02	WKL	
MO-SPA	2018/19-1	Wet	11/22/2018 9:05:00 AM	12/20/2018 6:16:00 AM	Methoxychlor	n/a	<	0.11	µg/L	EPA 608	0.11	0.4	WKL	
MO-SPA	2018/19-1	Wet	11/22/2018 9:05:00 AM	12/12/2018 7:19:00 AM	Methyl parathion	n/a	<	0.013	µg/L	EPA 525.2m	0.013	0.02	WKL	
MO-SPA	2018/19-1	Wet	11/22/2018 9:05:00 AM	12/14/2018 5:38:00 AM	Metolachlor	n/a	<	0.024	µg/L	EPA 525.2	0.024	0.2	WKL	
MO-SPA	2018/19-1	Wet	11/22/2018 9:05:00 AM	12/14/2018 5:38:00 AM	Metribuzin	n/a	<	1	µg/L	EPA 525.2	1	1	WKL	
MO-SPA	2018/19-1	Wet	11/22/2018 9:05:00 AM	12/12/2018 7:19:00 AM	Mevinphos	n/a	<	0.0084	µg/L	EPA 525.2m	0.0084	0.02	WKL	
MO-SPA	2018/19-1	Wet	11/22/2018 9:05:00 AM	12/14/2018 5:38:00 AM	Molinate	n/a	<	0.078	µg/L	EPA 525.2	0.078	0.2	WKL	
MO-SPA	2018/19-1	Wet	11/22/2018 9:05:00 AM	12/12/2018 7:19:00 AM	Naled	n/a	<	0.015	µg/L	EPA 525.2m	0.015	0.02	WKL	
MO-SPA	2018/19-1	Wet	11/22/2018 9:05:00 AM	12/15/2018 4:35:00 AM	Pentachlorophenol	n/a	=	0.61	µg/L	EPA 515.3	0.04	0.2	WKL	
MO-SPA	2018/19-1	Wet	11/22/2018 9:05:00 AM	12/29/2018 12:19:00 AM	Pentachlorophenol	n/a	DNQ	5.4	µg/L	EPA 625	1.9	10	WKL	
MO-SPA	2018/19-1	Wet	11/22/2018 9:05:00 AM	1/2/2019 8:58:00 PM	Pentachlorophenol	n/a	DNQ	9.5	µg/L	EPA 8270C	1.5	10	WKL	
MO-SPA	2018/19-1	Wet	11/22/2018 9:05:00 AM	12/12/2018 7:19:00 AM	Phorate	n/a	<	0.006	µg/L	EPA 525.2m	0.006	0.02	WKL	
MO-SPA	2018/19-1	Wet	11/22/2018 9:05:00 AM	12/15/2018 4:35:00 AM	Picloram	n/a	<	0.05	µg/L	EPA 515.3	0.05	0.6	WKL	
MO-SPA	2018/19-1	Wet	11/22/2018 9:05:00 AM	12/14/2018 5:38:00 AM	Prometon	n/a	<	0.048	µg/L	EPA 525.2	0.048	0.4	WKL	
MO-SPA	2018/19-1	Wet	11/22/2018 9:05:00 AM	12/14/2018 5:38:00 AM	Prometryn	n/a	<	0.072	µg/L	EPA 525.2	0.072	0.2	WKL	
MO-SPA	2018/19-1	Wet	11/22/2018 9:05:00 AM	12/12/2018 7:19:00 AM	Ronnel (Fenchlorphos)	n/a	<	0.0082	µg/L	EPA 525.2m	0.0082	0.02	WKL	
MO-SPA	2018/19-1	Wet	11/22/2018 9:05:00 AM	12/14/2018 5:38:00 AM	Simazine	n/a	<	0.03	µg/L	EPA 525.2	0.03	0.2	WKL	
MO-SPA	2018/19-1	Wet	11/22/2018 9:05:00 AM	12/12/2018 7:19:00 AM	Stirophos (Tetrachlorvinphos)	n/a	DNQ	0.014	µg/L	EPA 525.2m	0.0062	0.02	WKL	
MO-SPA	2018/19-1	Wet	11/22/2018 9:05:00 AM	12/14/2018 5:38:00 AM	Terbacil	n/a	<	1.1	µg/L	EPA 525.2	1.1	4	WKL	
MO-SPA	2018/19-1	Wet	11/22/2018 9:05:00 AM	12/14/2018 5:38:00 AM	Thiobencarb	n/a	<	0.05	µg/L	EPA 525.2	0.05	0.4	WKL	
MO-SPA	2018/19-1	Wet	11/22/2018 9:05:00 AM	12/12/2018 7:19:00 AM	Tokuthion	n/a	<	0.016	µg/L	EPA 525.2m	0.016	0.02	WKL	
MO-SPA	2018/19-1	Wet	11/22/2018 9:05:00 AM	12/20/2018 6:16:00 AM	Toxaphene	n/a	<	2.4	µg/L	EPA 608	2.4	10	WKL	
MO-SPA	2018/19-1	Wet	11/22/2018 9:05:00 AM	12/12/2018 7:19:00 AM	Trichloronate	n/a	<	0.013	µg/L	EPA 525.2m	0.013	0.02	WKL	
MO-SPA	2018/19-1	Wet	11/22/2018 9:05:00 AM	12/14/2018 5:38:00 AM	Trithion	n/a	<	0.024	µg/L	EPA 525.2	0.024	0.2	WKL	
MO-SPA	2018/19-2	Wet	11/29/2018 2:00:00 AM	11/30/2018 4:05:00 AM	E. Coli	n/a	=	8164	MPN/100 mL	MMO-MUG	10	10	VCHCA	
MO-SPA	2018/19-2	Wet	11/29/2018 2:00:00 AM	11/30/2018 4:05:00 AM	Total Coliform	n/a	=	307600	MPN/100 mL	MMO-MUG	1000	1000	VCHCA	
MO-SPA	2018/19-2	Wet	11/29/2018 2:00:00 AM	11/29/2018 2:00:00 AM	Conductivity	n/a	=	67.5	µmhos/cm	Field Meter	-88	1	Field Crew	
MO-SPA	2018/19-2	Wet	11/29/2018 2:00:00 AM	12/11/2018 8:10:00 PM	Cyanide	Total	DNQ	0.0012	mg/L	ASTM D7511	0.0005	0.002	WKL	
MO-SPA	2018/19-2	Wet	11/29/2018 2:00:00 AM	11/29/2018 2:00:00 AM	DO	n/a	=	54	%	Field Meter	-88	0.1	Field Crew	
MO-SPA	2018/19-2	Wet	11/29/2018 2:00:00 AM	11/29/2018 2:00:00 AM	DO	n/a	=	5.33	mg/L	Field Meter	-88	0.3	Field Crew	
MO-SPA	2018/19-2	Wet	11/29/2018 2:00:00 AM	11/29/2018 2:00:00 AM	pH	n/a	=	7.56	pH Units	Field Meter	-88	0.01	Field Crew	
MO-SPA	2018/19-2	Wet	11/29/2018 2:00:00 AM	11/29/2018 2:00:00 AM	Salinity	n/a	<	100	mg/L	Field Meter	-88	100	Field Crew	
MO-SPA	2018/19-2	Wet	11/29/2018 2:00:00 AM	11/29/2018 2:00:00 AM	Specific Conductance	n/a	=	82.1	µmhos/cm	Field Meter	-88	1	Field Crew	
MO-SPA	2018/19-2	Wet	11/29/2018 2:00:00 AM	11/29/2018 2:00:00 AM	Temperature	n/a	=	15.7	°C	Field Meter	-88	0.1	Field Crew	
MO-SPA	2018/19-2	Wet	11/29/2018 2:00:00 AM	12/1/2018 9:29:00 AM	Gasoline Range Organics	n/a	<	0.012	mg/L	LUFT GC/MS	0.012	0.1	WKL	
MO-SPA	2018/19-2	Wet	11/29/2018 2:00:00 AM	12/14/2018 4:48:00 PM	Oil and Grease	n/a	<	1.3	mg/L	EPA 1664A	1.3	5	WKL	
MO-SPA	2018/19-2	Wet	11/29/2018 2:00:00 AM	12/3/2018 7:22:00 PM	2-Chloroethyl vinyl ether	n/a	<	0.28	µg/L	EPA 624	0.28	1	WKL	
MO-SPA	2018/19-2	Wet	11/29/2018 2:00:00 AM	12/3/2018 7:22:00 PM	Methyl tert-butyl ether (MTBE)	n/a	<	0.25	µg/L	EPA 624	0.25	1	WKL	

Appendix G
Laboratory Environmental Analysis Results

Site ID	Event	Event Type	Sample Date	Analysis Date	Constituent	Fraction	Sign	Result	Units	Method	MDL	Reporting Limit	Analyzing Laboratory	Qualifier
MO-SPA	2018/19-2	Wet	11/29/2018 12:40:00 PM	12/4/2018	Chloride	n/a	=	8.6	mg/L	EPA 300.0	0.1	0.5	WKL	
MO-SPA	2018/19-2	Wet	11/29/2018 12:40:00 PM	12/4/2018	Fluoride	n/a	DNQ	0.073	mg/L	EPA 300.0	0.02	0.1	WKL	
MO-SPA	2018/19-2	Wet	11/29/2018 12:40:00 PM	12/2/2018 5:30:00 AM	Perchlorate	n/a	<	0.95	µg/L	EPA 314.0	0.95	2	WKL	
MO-SPA	2018/19-2	Wet	11/29/2018 12:40:00 PM	12/4/2018	Sulfate	Total	=	18	mg/L	EPA 300.0	0.1	0.5	WKL	
MO-SPA	2018/19-2	Wet	11/29/2018 12:40:00 PM	12/11/2018 1:07:00 PM	Calcium	Total	=	13.2	mg/L	EPA 200.7	0.016	0.1	WKL	
MO-SPA	2018/19-2	Wet	11/29/2018 12:40:00 PM	12/11/2018 1:07:00 PM	Magnesium	Total	=	3.4	mg/L	EPA 200.7	0.012	0.1	WKL	
MO-SPA	2018/19-2	Wet	11/29/2018 12:40:00 PM	12/11/2018 1:07:00 PM	Potassium	Total	=	4	mg/L	EPA 200.7	0.081	0.1	WKL	
MO-SPA	2018/19-2	Wet	11/29/2018 12:40:00 PM	12/11/2018 1:07:00 PM	Sodium	Total	=	6.1	mg/L	EPA 200.7	0.015	0.5	WKL	
MO-SPA	2018/19-2	Wet	11/29/2018 12:40:00 PM	12/6/2018 2:32:00 PM	Alkalinity as CaCO3	n/a	=	24	mg/L	SM 2320 B	0.56	2	WKL	
MO-SPA	2018/19-2	Wet	11/29/2018 12:40:00 PM	12/5/2018 8:35:00 PM	BOD	n/a	=	17	mg/L	SM 5210 B	2	2	WKL	
MO-SPA	2018/19-2	Wet	11/29/2018 12:40:00 PM	12/5/2018 4:19:00 PM	COD	n/a	=	93	mg/L	EPA 410.4	0.73	5	WKL	
MO-SPA	2018/19-2	Wet	11/29/2018 12:40:00 PM	12/20/2018 9:28:00 AM	Dissolved Inorganic Carbon	Dissolved	=	7.5	mg/L	SM 5310 B	0.016	0.5	WKL	
MO-SPA	2018/19-2	Wet	11/29/2018 12:40:00 PM	12/18/2018 1:32:00 PM	Dissolved Organic Carbon	Dissolved	=	14	mg/L	SM 5310 B	0.013	0.3	WKL	
MO-SPA	2018/19-2	Wet	11/29/2018 12:40:00 PM	12/11/2018 1:07:00 PM	Hardness as CaCO3	Total	=	47	mg/L	EPA 200.7	0.0894	0.662	WKL	
MO-SPA	2018/19-2	Wet	11/29/2018 12:40:00 PM	11/30/2018 7:22:00 PM	MBAS	n/a	=	0.14	mg/L	SM 5540 C	0.019	0.05	WKL	
MO-SPA	2018/19-2	Wet	11/29/2018 12:40:00 PM	12/14/2018 5:06:00 PM	Phenolics	n/a	=	0.019	mg/L	EPA 420.4	0.0042	0.01	WKL	
MO-SPA	2018/19-2	Wet	11/29/2018 12:40:00 PM	12/19/2018 12:12:00 PM	Specific Conductance	n/a	=	130	µmhos/cm	SM 2510 B	0.23	2	WKL	
MO-SPA	2018/19-2	Wet	11/29/2018 12:40:00 PM	12/1/2018 10:20:00 PM	Total Chlorine Residual	n/a	DNQ	0.035	mg/L	SM 4500-Cl G	0.0015	0.05	WKL	EST-HT
MO-SPA	2018/19-2	Wet	11/29/2018 12:40:00 PM	12/6/2018 5:33:00 PM	Total Dissolved Solids	n/a	=	83	mg/L	SM 2540 C	4	10	WKL	
MO-SPA	2018/19-2	Wet	11/29/2018 12:40:00 PM	12/10/2018 8:52:00 AM	Total Organic Carbon	n/a	=	15	mg/L	SM 5310 B	0.009	0.3	WKL	
MO-SPA	2018/19-2	Wet	11/29/2018 12:40:00 PM	12/3/2018 11:39:00 AM	Total Suspended Solids	n/a	=	160	mg/L	SM 2540 D	-88	5	WKL	
MO-SPA	2018/19-2	Wet	11/29/2018 12:40:00 PM	11/30/2018 4:06:00 PM	Turbidity	n/a	=	56	NTU	EPA 180.1	0.048	0.2	WKL	
MO-SPA	2018/19-2	Wet	11/29/2018 12:40:00 PM	12/3/2018 11:39:00 AM	Volatile Suspended Solids	n/a	=	42	mg/L	EPA 160.4	3.1	5	WKL	
MO-SPA	2018/19-2	Wet	11/29/2018 12:40:00 PM	12/19/2018 1:28:00 AM	Diesel Range Organics	n/a	DNQ	0.41	mg/L	EPA 8015D	0.12	0.5	WKL	UL-MB
MO-SPA	2018/19-2	Wet	11/29/2018 12:40:00 PM	12/19/2018 1:28:00 AM	Oil Range Organics	n/a	DNQ	1.9	mg/L	EPA 8015D	1.6	2.5	WKL	
MO-SPA	2018/19-2	Wet	11/29/2018 12:40:00 PM	12/12/2018 2:03:00 PM	Aluminum	Dissolved	=	36	µg/L	EPA 200.8	1.3	5	WKL	
MO-SPA	2018/19-2	Wet	11/29/2018 12:40:00 PM	12/12/2018 1:21:00 PM	Aluminum	Total	=	3200	µg/L	EPA 200.8	1.3	5	WKL	
MO-SPA	2018/19-2	Wet	11/29/2018 12:40:00 PM	12/12/2018 2:03:00 PM	Antimony	Dissolved	=	0.77	µg/L	EPA 200.8	0.045	0.5	WKL	
MO-SPA	2018/19-2	Wet	11/29/2018 12:40:00 PM	12/12/2018 1:21:00 PM	Antimony	Total	=	1.5	µg/L	EPA 200.8	0.045	0.5	WKL	
MO-SPA	2018/19-2	Wet	11/29/2018 12:40:00 PM	12/12/2018 2:03:00 PM	Arsenic	Dissolved	=	0.91	µg/L	EPA 200.8	0.074	0.4	WKL	
MO-SPA	2018/19-2	Wet	11/29/2018 12:40:00 PM	12/12/2018 1:21:00 PM	Arsenic	Total	=	2.1	µg/L	EPA 200.8	0.074	0.4	WKL	
MO-SPA	2018/19-2	Wet	11/29/2018 12:40:00 PM	12/12/2018 1:21:00 PM	Barium	Total	=	64	µg/L	EPA 200.8	0.071	0.5	WKL	
MO-SPA	2018/19-2	Wet	11/29/2018 12:40:00 PM	12/12/2018 2:03:00 PM	Beryllium	Dissolved	<	0.033	µg/L	EPA 200.8	0.033	0.1	WKL	
MO-SPA	2018/19-2	Wet	11/29/2018 12:40:00 PM	12/12/2018 1:21:00 PM	Beryllium	Total	=	0.14	µg/L	EPA 200.8	0.033	0.1	WKL	
MO-SPA	2018/19-2	Wet	11/29/2018 12:40:00 PM	12/12/2018 2:03:00 PM	Cadmium	Dissolved	=	0.14	µg/L	EPA 200.8	0.041	0.1	WKL	
MO-SPA	2018/19-2	Wet	11/29/2018 12:40:00 PM	12/12/2018 1:21:00 PM	Cadmium	Total	=	0.47	µg/L	EPA 200.8	0.041	0.1	WKL	
MO-SPA	2018/19-2	Wet	11/29/2018 12:40:00 PM	12/12/2018 2:03:00 PM	Chromium	Dissolved	=	0.97	µg/L	EPA 200.8	0.035	0.2	WKL	
MO-SPA	2018/19-2	Wet	11/29/2018 12:40:00 PM	12/12/2018 1:21:00 PM	Chromium	Total	=	6.7	µg/L	EPA 200.8	0.035	0.2	WKL	
MO-SPA	2018/19-2	Wet	11/29/2018 12:40:00 PM	12/13/2018 2:42:00 PM	Chromium VI	n/a	=	0.57	µg/L	EPA 218.6	0.096	0.4	WKL	
MO-SPA	2018/19-2	Wet	11/29/2018 12:40:00 PM	12/12/2018 2:03:00 PM	Copper	Dissolved	=	12	µg/L	EPA 200.8	0.13	0.5	WKL	
MO-SPA	2018/19-2	Wet	11/29/2018 12:40:00 PM	12/12/2018 1:21:00 PM	Copper	Total	=	30	µg/L	EPA 200.8	0.13	0.5	WKL	
MO-SPA	2018/19-2	Wet	11/29/2018 12:40:00 PM	12/11/2018 12:28:00 PM	Iron	Dissolved	=	57	µg/L	EPA 200.7	1.1	10	WKL	
MO-SPA	2018/19-2	Wet	11/29/2018 12:40:00 PM	12/11/2018 1:07:00 PM	Iron	Total	=	4800	µg/L	EPA 200.7	1.1	10	WKL	
MO-SPA	2018/19-2	Wet	11/29/2018 12:40:00 PM	12/12/2018 2:03:00 PM	Lead	Dissolved	=	0.53	µg/L	EPA 200.8	0.031	0.2	WKL	
MO-SPA	2018/19-2	Wet	11/29/2018 12:40:00 PM	12/12/2018 1:21:00 PM	Lead	Total	=	19	µg/L	EPA 200.8	0.031	0.2	WKL	
MO-SPA	2018/19-2	Wet	11/29/2018 12:40:00 PM	12/10/2018 2:22:00 PM	Mercury	Dissolved	<	17	ng/L	EPA 245.1	17	50	WKL	
MO-SPA	2018/19-2	Wet	11/29/2018 12:40:00 PM	12/10/2018 2:24:00 PM	Mercury	Total	DNQ	40	ng/L	EPA 245.1	17	50	WKL	
MO-SPA	2018/19-2	Wet	11/29/2018 12:40:00 PM	12/12/2018 2:03:00 PM	Nickel	Dissolved	=	3.2	µg/L	EPA 200.8	0.045	0.8	WKL	

Appendix G
Laboratory Environmental Analysis Results

Site ID	Event	Event Type	Sample Date	Analysis Date	Constituent	Fraction	Sign	Result	Units	Method	MDL	Reporting Limit	Analyzing Laboratory	Qualifier
MO-SPA	2018/19-2	Wet	11/29/2018 12:40:00 PM	12/12/2018 1:21:00 PM	Nickel	Total	=	9.2	µg/L	EPA 200.8	0.045	0.8	WKL	
MO-SPA	2018/19-2	Wet	11/29/2018 12:40:00 PM	12/12/2018 2:03:00 PM	Selenium	Dissolved	DNQ	0.35	µg/L	EPA 200.8	0.14	0.4	WKL	
MO-SPA	2018/19-2	Wet	11/29/2018 12:40:00 PM	12/12/2018 1:21:00 PM	Selenium	Total	=	0.46	µg/L	EPA 200.8	0.14	0.4	WKL	
MO-SPA	2018/19-2	Wet	11/29/2018 12:40:00 PM	12/12/2018 2:03:00 PM	Silver	Dissolved	<	0.062	µg/L	EPA 200.8	0.062	0.2	WKL	
MO-SPA	2018/19-2	Wet	11/29/2018 12:40:00 PM	12/12/2018 1:21:00 PM	Silver	Total	DNQ	0.062	µg/L	EPA 200.8	0.062	0.2	WKL	
MO-SPA	2018/19-2	Wet	11/29/2018 12:40:00 PM	12/12/2018 2:03:00 PM	Thallium	Dissolved	<	0.014	µg/L	EPA 200.8	0.014	0.2	WKL	
MO-SPA	2018/19-2	Wet	11/29/2018 12:40:00 PM	12/12/2018 1:21:00 PM	Thallium	Total	DNQ	0.04	µg/L	EPA 200.8	0.014	0.2	WKL	
MO-SPA	2018/19-2	Wet	11/29/2018 12:40:00 PM	12/12/2018 2:03:00 PM	Zinc	Dissolved	=	67	µg/L	EPA 200.8	0.94	5	WKL	
MO-SPA	2018/19-2	Wet	11/29/2018 12:40:00 PM	12/12/2018 1:21:00 PM	Zinc	Total	=	190	µg/L	EPA 200.8	0.94	5	WKL	
MO-SPA	2018/19-2	Wet	11/29/2018 12:40:00 PM	12/11/2018 3:32:00 PM	Ammonia as N Nitrate + Nitrite as N Phosphorus as P Phosphorus as P	n/a	=	0.49	mg/L	EPA 350.1	0.048	0.1	WKL	
MO-SPA	2018/19-2	Wet	11/29/2018 12:40:00 PM	12/21/2018 11:01:00 AM		n/a	=	0.61	mg/L	EPA 353.2	0.083	0.2	WKL	
MO-SPA	2018/19-2	Wet	11/29/2018 12:40:00 PM	1/17/2019 5:01:00 PM		Dissolved	=	0.28	mg/L	EPA 200.7	0.012	0.02	WKL	
MO-SPA	2018/19-2	Wet	11/29/2018 12:40:00 PM	1/17/2019 5:15:00 PM		Total	=	0.57	mg/L	EPA 200.7	0.012	0.02	WKL	
MO-SPA	2018/19-2	Wet	11/29/2018 12:40:00 PM	12/21/2018 10:50:00 AM	TKN	n/a	=	1.8	mg/L	EPA 351.2	0.05	0.1	WKL	
MO-SPA	2018/19-2	Wet	11/29/2018 12:40:00 PM	1/7/2019 3:19:00 AM	1,2,4-Trichlorobenzene	n/a	<	2.8	µg/L	EPA 625	2.8	5	WKL	
MO-SPA	2018/19-2	Wet	11/29/2018 12:40:00 PM	1/7/2019 3:19:00 AM	1,2-Dichlorobenzene	n/a	<	2.8	µg/L	EPA 625	2.8	5	WKL	
MO-SPA	2018/19-2	Wet	11/29/2018 12:40:00 PM	1/7/2019 3:19:00 AM	1,2-Diphenylhydrazine	n/a	<	1.2	µg/L	EPA 625	1.2	5	WKL	
MO-SPA	2018/19-2	Wet	11/29/2018 12:40:00 PM	1/7/2019 3:19:00 AM	1,3-Dichlorobenzene	n/a	<	2.6	µg/L	EPA 625	2.6	5	WKL	
MO-SPA	2018/19-2	Wet	11/29/2018 12:40:00 PM	1/7/2019 3:19:00 AM	1,4-Dichlorobenzene	n/a	<	2.8	µg/L	EPA 625	2.8	5	WKL	
MO-SPA	2018/19-2	Wet	11/29/2018 12:40:00 PM	1/11/2019 11:21:00 PM	1-Methylnaphthalene	n/a	<	1	µg/L	EPA 8270C	1	1	WKL	
MO-SPA	2018/19-2	Wet	11/29/2018 12:40:00 PM	1/11/2019 3:58:00 AM	2,4,5-Trichlorophenol	n/a	<	2.9	µg/L	EPA 8270C	2.9	10	WKL	
MO-SPA	2018/19-2	Wet	11/29/2018 12:40:00 PM	1/11/2019 3:58:00 AM	2,4,6-Trichlorophenol	n/a	<	3	µg/L	EPA 8270C	3	10	WKL	
MO-SPA	2018/19-2	Wet	11/29/2018 12:40:00 PM	1/7/2019 3:19:00 AM	2,4,6-Trichlorophenol	n/a	<	1.1	µg/L	EPA 625	1.1	5	WKL	
MO-SPA	2018/19-2	Wet	11/29/2018 12:40:00 PM	1/11/2019 3:58:00 AM	2,4-Dichlorophenol	n/a	<	5.1	µg/L	EPA 8270C	5.1	10	WKL	
MO-SPA	2018/19-2	Wet	11/29/2018 12:40:00 PM	1/7/2019 3:19:00 AM	2,4-Dichlorophenol	n/a	<	1.3	µg/L	EPA 625	1.3	5	WKL	
MO-SPA	2018/19-2	Wet	11/29/2018 12:40:00 PM	1/11/2019 3:58:00 AM	2,4-Dimethylphenol	n/a	<	10	µg/L	EPA 8270C	10	20	WKL	
MO-SPA	2018/19-2	Wet	11/29/2018 12:40:00 PM	1/7/2019 3:19:00 AM	2,4-Dimethylphenol	n/a	<	1.5	µg/L	EPA 625	1.5	5	WKL	
MO-SPA	2018/19-2	Wet	11/29/2018 12:40:00 PM	1/11/2019 3:58:00 AM	2,4-Dinitrophenol	n/a	<	10	µg/L	EPA 8270C	10	20	WKL	
MO-SPA	2018/19-2	Wet	11/29/2018 12:40:00 PM	1/7/2019 3:19:00 AM	2,4-Dinitrophenol	n/a	<	7.9	µg/L	EPA 625	7.9	50	WKL	
MO-SPA	2018/19-2	Wet	11/29/2018 12:40:00 PM	1/7/2019 3:19:00 AM	2,4-Dinitrotoluene	n/a	<	0.9	µg/L	EPA 625	0.9	5	WKL	
MO-SPA	2018/19-2	Wet	11/29/2018 12:40:00 PM	1/7/2019 3:19:00 AM	2,6-Dinitrotoluene	n/a	<	1.4	µg/L	EPA 625	1.4	5	WKL	
MO-SPA	2018/19-2	Wet	11/29/2018 12:40:00 PM	1/7/2019 3:19:00 AM	2-Chloronaphthalene	n/a	<	2.2	µg/L	EPA 625	2.2	5	WKL	
MO-SPA	2018/19-2	Wet	11/29/2018 12:40:00 PM	1/7/2019 3:19:00 AM	2-Chlorophenol	n/a	<	1.4	µg/L	EPA 625	1.4	5	WKL	
MO-SPA	2018/19-2	Wet	11/29/2018 12:40:00 PM	1/11/2019 3:58:00 AM	2-Chlorophenol	n/a	<	6.5	µg/L	EPA 8270C	6.5	10	WKL	
MO-SPA	2018/19-2	Wet	11/29/2018 12:40:00 PM	1/11/2019 11:21:00 PM	2-Methylnaphthalene	n/a	<	1	µg/L	EPA 8270C	1	1	WKL	
MO-SPA	2018/19-2	Wet	11/29/2018 12:40:00 PM	1/11/2019 3:58:00 AM	2-Methylphenol	n/a	<	3.4	µg/L	EPA 8270C	3.4	10	WKL	
MO-SPA	2018/19-2	Wet	11/29/2018 12:40:00 PM	1/7/2019 3:19:00 AM	2-Nitrophenol	n/a	<	1.3	µg/L	EPA 625	1.3	5	WKL	
MO-SPA	2018/19-2	Wet	11/29/2018 12:40:00 PM	1/11/2019 3:58:00 AM	2-Nitrophenol	n/a	<	7.1	µg/L	EPA 8270C	7.1	10	WKL	
MO-SPA	2018/19-2	Wet	11/29/2018 12:40:00 PM	1/7/2019 3:19:00 AM	3,3'-Dichlorobenzidine	n/a	<	6	µg/L	EPA 625	6	25	WKL	
MO-SPA	2018/19-2	Wet	11/29/2018 12:40:00 PM	1/11/2019 3:58:00 AM	3-/4-Methylphenol	n/a	<	3	µg/L	EPA 8270C	3	10	WKL	
MO-SPA	2018/19-2	Wet	11/29/2018 12:40:00 PM	1/11/2019 3:58:00 AM	4,6-Dinitro-2-methylphenol	n/a	<	1.4	µg/L	EPA 8270C	1.4	10	WKL	
MO-SPA	2018/19-2	Wet	11/29/2018 12:40:00 PM	1/7/2019 3:19:00 AM	4,6-Dinitro-2-methylphenol	n/a	<	8.6	µg/L	EPA 625	8.6	25	WKL	
MO-SPA	2018/19-2	Wet	11/29/2018 12:40:00 PM	1/7/2019 3:19:00 AM	4-Bromophenyl phenyl ether	n/a	<	1.8	µg/L	EPA 625	1.8	5	WKL	
MO-SPA	2018/19-2	Wet	11/29/2018 12:40:00 PM	1/11/2019 3:58:00 AM	4-Chloro-3-methylphenol	n/a	<	3.7	µg/L	EPA 8270C	3.7	10	WKL	
MO-SPA	2018/19-2	Wet	11/29/2018 12:40:00 PM	1/7/2019 3:19:00 AM	4-Chloro-3-methylphenol	n/a	<	1.2	µg/L	EPA 625	1.2	5	WKL	
MO-SPA	2018/19-2	Wet	11/29/2018 12:40:00 PM	1/7/2019 3:19:00 AM	4-Chlorophenyl phenyl ether	n/a	<	2	µg/L	EPA 625	2	5	WKL	
MO-SPA	2018/19-2	Wet	11/29/2018 12:40:00 PM	1/7/2019 3:19:00 AM	4-Nitrophenol	n/a	<	2.2	µg/L	EPA 625	2.2	25	WKL	
MO-SPA	2018/19-2	Wet	11/29/2018 12:40:00 PM	1/11/2019 3:58:00 AM	4-Nitrophenol	n/a	<	10	µg/L	EPA 8270C	10	20	WKL	

Appendix G
Laboratory Environmental Analysis Results

Site ID	Event	Event Type	Sample Date	Analysis Date	Constituent	Fraction	Sign	Result	Units	Method	MDL	Reporting Limit	Analyzing Laboratory	Qualifier
MO-SPA	2018/19-2	Wet	11/29/2018 12:40:00 PM	1/7/2019 3:19:00 AM	Acenaphthene	n/a	<	1.9	µg/L	EPA 625	1.9	5	WKL	
MO-SPA	2018/19-2	Wet	11/29/2018 12:40:00 PM	1/11/2019 11:21:00 AM	Acenaphthene	n/a	<	1	µg/L	EPA 8270C	1	1	WKL	
MO-SPA	2018/19-2	Wet	11/29/2018 12:40:00 PM	1/7/2019 3:19:00 AM	Acenaphthylene	n/a	<	2	µg/L	EPA 625	2	5	WKL	
MO-SPA	2018/19-2	Wet	11/29/2018 12:40:00 PM	1/11/2019 11:21:00 AM	Acenaphthylene	n/a	<	1	µg/L	EPA 8270C	1	1	WKL	
MO-SPA	2018/19-2	Wet	11/29/2018 12:40:00 PM	1/7/2019 3:19:00 AM	Anthracene	n/a	<	1.7	µg/L	EPA 625	1.7	5	WKL	
MO-SPA	2018/19-2	Wet	11/29/2018 12:40:00 PM	1/11/2019 11:21:00 AM	Anthracene	n/a	<	1	µg/L	EPA 8270C	1	1	WKL	
MO-SPA	2018/19-2	Wet	11/29/2018 12:40:00 PM	1/7/2019 3:19:00 AM	Benz(a)anthracene	n/a	<	0.95	µg/L	EPA 625	0.95	5	WKL	
MO-SPA	2018/19-2	Wet	11/29/2018 12:40:00 PM	1/11/2019 11:21:00 AM	Benz(a)anthracene	n/a	<	1	µg/L	EPA 8270C	1	1	WKL	
MO-SPA	2018/19-2	Wet	11/29/2018 12:40:00 PM	1/7/2019 3:19:00 AM	Benzo(a)pyrene	n/a	<	18	µg/L	EPA 625	18	50	WKL	
MO-SPA	2018/19-2	Wet	11/29/2018 12:40:00 PM	12/14/2018 8:42:00 PM	Benzo(a)pyrene	n/a	<	0.14	µg/L	EPA 525.2	0.14	0.2	WKL	
MO-SPA	2018/19-2	Wet	11/29/2018 12:40:00 PM	1/7/2019 3:19:00 AM	Benzo(a)pyrene	n/a	<	0.65	µg/L	EPA 625	0.65	5	WKL	
MO-SPA	2018/19-2	Wet	11/29/2018 12:40:00 PM	1/11/2019 11:21:00 AM	Benzo(a)pyrene	n/a	<	1	µg/L	EPA 8270C	1	1	WKL	
MO-SPA	2018/19-2	Wet	11/29/2018 12:40:00 PM	1/7/2019 3:19:00 AM	Benzo(b)fluoranthene	n/a	<	0.7	µg/L	EPA 625	0.7	5	WKL	
MO-SPA	2018/19-2	Wet	11/29/2018 12:40:00 PM	1/11/2019 11:21:00 AM	Benzo(b)fluoranthene	n/a	<	1	µg/L	EPA 8270C	1	1	WKL	
MO-SPA	2018/19-2	Wet	11/29/2018 12:40:00 PM	1/7/2019 3:19:00 AM	Benzo(g,h,i)perylene	n/a	<	0.5	µg/L	EPA 625	0.5	10	WKL	
MO-SPA	2018/19-2	Wet	11/29/2018 12:40:00 PM	1/11/2019 11:21:00 AM	Benzo(g,h,i)perylene	n/a	<	1	µg/L	EPA 8270C	1	1	WKL	
MO-SPA	2018/19-2	Wet	11/29/2018 12:40:00 PM	1/7/2019 3:19:00 AM	Benzo(k)fluoranthene	n/a	<	1.1	µg/L	EPA 625	1.1	5	WKL	
MO-SPA	2018/19-2	Wet	11/29/2018 12:40:00 PM	1/11/2019 11:21:00 AM	Benzo(k)fluoranthene	n/a	<	1	µg/L	EPA 8270C	1	1	WKL	
MO-SPA	2018/19-2	Wet	11/29/2018 12:40:00 PM	1/7/2019 3:19:00 AM	Bis(2-chloroethoxy)methane	n/a	<	1.2	µg/L	EPA 625	1.2	5	WKL	
MO-SPA	2018/19-2	Wet	11/29/2018 12:40:00 PM	1/7/2019 3:19:00 AM	Bis(2-chloroethyl)ether	n/a	<	1.4	µg/L	EPA 625	1.4	5	WKL	
MO-SPA	2018/19-2	Wet	11/29/2018 12:40:00 PM	1/7/2019 3:19:00 AM	Bis(2-chloroisopropyl)ether	n/a	<	1.9	µg/L	EPA 625	1.9	5	WKL	
MO-SPA	2018/19-2	Wet	11/29/2018 12:40:00 PM	12/14/2018 8:42:00 PM	Bis(2-ethylhexyl)adipate	n/a	<	0.21	µg/L	EPA 525.2	0.21	10	WKL	
MO-SPA	2018/19-2	Wet	11/29/2018 12:40:00 PM	12/14/2018 8:42:00 PM	Bis(2-ethylhexyl)phthalate	n/a	<	2.1	µg/L	EPA 525.2	2.1	6	WKL	
MO-SPA	2018/19-2	Wet	11/29/2018 12:40:00 PM	1/7/2019 3:19:00 AM	Bis(2-ethylhexyl)phthalate	n/a	<	12	µg/L	EPA 625	12	25	WKL	
MO-SPA	2018/19-2	Wet	11/29/2018 12:40:00 PM	1/7/2019 3:19:00 AM	Butyl benzyl phthalate	n/a	<	0.9	µg/L	EPA 625	0.9	5	WKL	
MO-SPA	2018/19-2	Wet	11/29/2018 12:40:00 PM	1/7/2019 3:19:00 AM	Chrysene	n/a	<	0.95	µg/L	EPA 625	0.95	5	WKL	
MO-SPA	2018/19-2	Wet	11/29/2018 12:40:00 PM	1/11/2019 11:21:00 AM	Chrysene	n/a	<	1	µg/L	EPA 8270C	1	1	WKL	
MO-SPA	2018/19-2	Wet	11/29/2018 12:40:00 PM	1/7/2019 3:19:00 AM	Dibenz(a,h)anthracene	n/a	<	0.4	µg/L	EPA 625	0.4	10	WKL	
MO-SPA	2018/19-2	Wet	11/29/2018 12:40:00 PM	1/11/2019 11:21:00 AM	Dibenz(a,h)anthracene	n/a	<	1	µg/L	EPA 8270C	1	1	WKL	
MO-SPA	2018/19-2	Wet	11/29/2018 12:40:00 PM	1/7/2019 3:19:00 AM	Diethyl phthalate	n/a	<	0.75	µg/L	EPA 625	0.75	5	WKL	
MO-SPA	2018/19-2	Wet	11/29/2018 12:40:00 PM	1/7/2019 3:19:00 AM	Dimethyl phthalate	n/a	<	0.9	µg/L	EPA 625	0.9	5	WKL	
MO-SPA	2018/19-2	Wet	11/29/2018 12:40:00 PM	1/7/2019 3:19:00 AM	Di-n-butylphthalate	n/a	<	1.2	µg/L	EPA 625	1.2	5	WKL	
MO-SPA	2018/19-2	Wet	11/29/2018 12:40:00 PM	1/7/2019 3:19:00 AM	Di-n-octylphthalate	n/a	<	0.95	µg/L	EPA 625	0.95	5	WKL	
MO-SPA	2018/19-2	Wet	11/29/2018 12:40:00 PM	1/11/2019 11:21:00 AM	Fluoranthene	n/a	<	1	µg/L	EPA 8270C	1	1	WKL	
MO-SPA	2018/19-2	Wet	11/29/2018 12:40:00 PM	1/7/2019 3:19:00 AM	Fluoranthene	n/a	<	1.1	µg/L	EPA 625	1.1	5	WKL	
MO-SPA	2018/19-2	Wet	11/29/2018 12:40:00 PM	1/7/2019 3:19:00 AM	Fluorene	n/a	<	1.8	µg/L	EPA 625	1.8	5	WKL	
MO-SPA	2018/19-2	Wet	11/29/2018 12:40:00 PM	1/11/2019 11:21:00 AM	Fluorene	n/a	<	1	µg/L	EPA 8270C	1	1	WKL	
MO-SPA	2018/19-2	Wet	11/29/2018 12:40:00 PM	1/7/2019 3:19:00 AM	Hexachlorobenzene	n/a	<	2.4	µg/L	EPA 625	2.4	5	WKL	
MO-SPA	2018/19-2	Wet	11/29/2018 12:40:00 PM	1/7/2019 3:19:00 AM	Hexachlorobutadiene	n/a	<	2.4	µg/L	EPA 625	2.4	5	WKL	
MO-SPA	2018/19-2	Wet	11/29/2018 12:40:00 PM	1/7/2019 3:19:00 AM	Hexachlorocyclopentadiene	n/a	<	7.3	µg/L	EPA 625	7.3	25	WKL	
MO-SPA	2018/19-2	Wet	11/29/2018 12:40:00 PM	1/7/2019 3:19:00 AM	Hexachloroethane	n/a	<	2.6	µg/L	EPA 625	2.6	5	WKL	
MO-SPA	2018/19-2	Wet	11/29/2018 12:40:00 PM	1/11/2019 11:21:00 AM	Indeno(1,2,3-cd)pyrene	n/a	<	1	µg/L	EPA 8270C	1	1	WKL	
MO-SPA	2018/19-2	Wet	11/29/2018 12:40:00 PM	1/7/2019 3:19:00 AM	Indeno(1,2,3-cd)pyrene	n/a	<	0.6	µg/L	EPA 625	0.6	10	WKL	
MO-SPA	2018/19-2	Wet	11/29/2018 12:40:00 PM	1/7/2019 3:19:00 AM	Isophorone	n/a	<	1	µg/L	EPA 625	1	5	WKL	
MO-SPA	2018/19-2	Wet	11/29/2018 12:40:00 PM	1/7/2019 3:19:00 AM	Naphthalene	n/a	<	2.4	µg/L	EPA 625	2.4	5	WKL	
MO-SPA	2018/19-2	Wet	11/29/2018 12:40:00 PM	1/11/2019 11:21:00 AM	Naphthalene	n/a	<	1	µg/L	EPA 8270C	1	1	WKL	
MO-SPA	2018/19-2	Wet	11/29/2018 12:40:00 PM	1/7/2019 3:19:00 AM	Nitrobenzene	n/a	<	1.8	µg/L	EPA 625	1.8	5	WKL	
MO-SPA	2018/19-2	Wet	11/29/2018 12:40:00 PM	1/7/2019 3:19:00 AM	N-Nitrosodimethylamine	n/a	<	0.7	µg/L	EPA 625	0.7	5	WKL	

Appendix G
Laboratory Environmental Analysis Results

Site ID	Event	Event Type	Sample Date	Analysis Date	Constituent	Fraction	Sign	Result	Units	Method	MDL	Reporting Limit	Analyzing Laboratory	Qualifier
MO-SPA	2018/19-2	Wet	11/29/2018 12:40:00 PM	1/7/2019 3:19:00 AM	N-Nitrosodi-N-propylamine	n/a	<	1.3	µg/L	EPA 625	1.3	5	WKL	
MO-SPA	2018/19-2	Wet	11/29/2018 12:40:00 PM	1/7/2019 3:19:00 AM	N-Nitrosodiphenylamine	n/a	<	0.95	µg/L	EPA 625	0.95	5	WKL	
MO-SPA	2018/19-2	Wet	11/29/2018 12:40:00 PM	1/11/2019 11:21:00 PM	Phenanthrene	n/a	<	1	µg/L	EPA 8270C	1	1	WKL	
MO-SPA	2018/19-2	Wet	11/29/2018 12:40:00 PM	1/7/2019 3:19:00 AM	Phenanthrene	n/a	<	1.6	µg/L	EPA 625	1.6	5	WKL	
MO-SPA	2018/19-2	Wet	11/29/2018 12:40:00 PM	1/11/2019 3:58:00 AM	Phenol	n/a	<	3.5	µg/L	EPA 8270C	3.5	10	WKL	
MO-SPA	2018/19-2	Wet	11/29/2018 12:40:00 PM	1/7/2019 3:19:00 AM	Phenol	n/a	<	0.8	µg/L	EPA 625	0.8	5	WKL	
MO-SPA	2018/19-2	Wet	11/29/2018 12:40:00 PM	1/11/2019 11:21:00 PM	Pyrene	n/a	<	1	µg/L	EPA 8270C	1	1	WKL	
MO-SPA	2018/19-2	Wet	11/29/2018 12:40:00 PM	1/7/2019 3:19:00 AM	Pyrene	n/a	<	1.2	µg/L	EPA 625	1.2	5	WKL	
MO-SPA	2018/19-2	Wet	11/29/2018 12:40:00 PM	1/12/2019 12:30:00 PM	PCB Aroclor 1016	n/a	<	1	µg/L	EPA 608	1	10	WKL	
MO-SPA	2018/19-2	Wet	11/29/2018 12:40:00 PM	1/12/2019 12:30:00 PM	PCB Aroclor 1221	n/a	<	1.2	µg/L	EPA 608	1.2	10	WKL	
MO-SPA	2018/19-2	Wet	11/29/2018 12:40:00 PM	1/12/2019 12:30:00 PM	PCB Aroclor 1232	n/a	<	3	µg/L	EPA 608	3	10	WKL	
MO-SPA	2018/19-2	Wet	11/29/2018 12:40:00 PM	1/12/2019 12:30:00 PM	PCB Aroclor 1242	n/a	<	1.4	µg/L	EPA 608	1.4	10	WKL	
MO-SPA	2018/19-2	Wet	11/29/2018 12:40:00 PM	1/12/2019 12:30:00 PM	PCB Aroclor 1248	n/a	<	1.2	µg/L	EPA 608	1.2	10	WKL	
MO-SPA	2018/19-2	Wet	11/29/2018 12:40:00 PM	1/12/2019 12:30:00 PM	PCB Aroclor 1254	n/a	<	0.8	µg/L	EPA 608	0.8	10	WKL	
MO-SPA	2018/19-2	Wet	11/29/2018 12:40:00 PM	1/12/2019 12:30:00 PM	PCB Aroclor 1260	n/a	<	0.8	µg/L	EPA 608	0.8	10	WKL	
MO-SPA	2018/19-2	Wet	11/29/2018 12:40:00 PM	12/27/2018 8:46:00 PM	2,4,5-T	n/a	<	0.07	µg/L	EPA 515.3	0.07	0.2	WKL	
MO-SPA	2018/19-2	Wet	11/29/2018 12:40:00 PM	12/27/2018 8:46:00 PM	2,4,5-TP	n/a	<	0.09	µg/L	EPA 515.3	0.09	0.2	WKL	
MO-SPA	2018/19-2	Wet	11/29/2018 12:40:00 PM	12/27/2018 8:46:00 PM	2,4-D	n/a	<	0.07	µg/L	EPA 515.3	0.07	0.4	WKL	
MO-SPA	2018/19-2	Wet	11/29/2018 12:40:00 PM	12/27/2018 8:46:00 PM	2,4-DB	n/a	DNQ	0.68	µg/L	EPA 515.3	0.07	2	WKL	
MO-SPA	2018/19-2	Wet	11/29/2018 12:40:00 PM	12/27/2018 8:46:00 PM	3,5-Dichlorobenzoic acid	n/a	<	0.09	µg/L	EPA 515.3	0.09	1	WKL	
MO-SPA	2018/19-2	Wet	11/29/2018 12:40:00 PM	1/12/2019 12:30:00 PM	4,4'-DDD	n/a	<	0.06	µg/L	EPA 608	0.06	1	WKL	
MO-SPA	2018/19-2	Wet	11/29/2018 12:40:00 PM	1/12/2019 12:30:00 PM	4,4'-DDE	n/a	<	0.05	µg/L	EPA 608	0.05	1	WKL	
MO-SPA	2018/19-2	Wet	11/29/2018 12:40:00 PM	1/12/2019 12:30:00 PM	4,4'-DDT	n/a	<	0.062	µg/L	EPA 608	0.062	0.2	WKL	
MO-SPA	2018/19-2	Wet	11/29/2018 12:40:00 PM	12/27/2018 8:46:00 PM	Acifluorfen	n/a	<	0.06	µg/L	EPA 515.3	0.06	0.4	WKL	
MO-SPA	2018/19-2	Wet	11/29/2018 12:40:00 PM	12/14/2018 8:42:00 PM	Alachlor	n/a	<	0.044	µg/L	EPA 525.2	0.044	0.2	WKL	
MO-SPA	2018/19-2	Wet	11/29/2018 12:40:00 PM	1/12/2019 12:30:00 PM	Aldrin	n/a	<	0.03	µg/L	EPA 608	0.03	0.1	WKL	
MO-SPA	2018/19-2	Wet	11/29/2018 12:40:00 PM	1/12/2019 12:30:00 PM	alpha-BHC	n/a	<	0.036	µg/L	EPA 608	0.036	0.2	WKL	
MO-SPA	2018/19-2	Wet	11/29/2018 12:40:00 PM	1/12/2019 12:30:00 PM	alpha-Chlordane	n/a	<	0.082	µg/L	EPA 608	0.082	0.2	WKL	
MO-SPA	2018/19-2	Wet	11/29/2018 12:40:00 PM	12/14/2018 8:42:00 PM	Atrazine	n/a	<	0.068	µg/L	EPA 525.2	0.068	0.2	WKL	
MO-SPA	2018/19-2	Wet	11/29/2018 12:40:00 PM	12/19/2018 7:43:00 PM	Azinphos methyl	n/a	<	0.011	µg/L	EPA 525.2m	0.011	0.02	WKL	
MO-SPA	2018/19-2	Wet	11/29/2018 12:40:00 PM	12/27/2018 8:46:00 PM	Bentazon	n/a	<	0.11	µg/L	EPA 515.3	0.11	2	WKL	
MO-SPA	2018/19-2	Wet	11/29/2018 12:40:00 PM	1/12/2019 12:30:00 PM	beta-BHC	n/a	<	0.062	µg/L	EPA 608	0.062	0.1	WKL	
MO-SPA	2018/19-2	Wet	11/29/2018 12:40:00 PM	12/19/2018 7:43:00 PM	Bolstar	n/a	<	0.0092	µg/L	EPA 525.2m	0.0092	0.02	WKL	
MO-SPA	2018/19-2	Wet	11/29/2018 12:40:00 PM	12/14/2018 8:42:00 PM	Bromacil	n/a	<	0.076	µg/L	EPA 525.2	0.076	2	WKL	
MO-SPA	2018/19-2	Wet	11/29/2018 12:40:00 PM	12/14/2018 8:42:00 PM	Butachlor	n/a	<	0.034	µg/L	EPA 525.2	0.034	0.4	WKL	
MO-SPA	2018/19-2	Wet	11/29/2018 12:40:00 PM	12/14/2018 8:42:00 PM	Captan	n/a	<	1.7	µg/L	EPA 525.2	1.7	2	WKL	
MO-SPA	2018/19-2	Wet	11/29/2018 12:40:00 PM	1/12/2019 12:30:00 PM	Chlordane (technical)	n/a	<	1.6	µg/L	EPA 608	1.6	2	WKL	
MO-SPA	2018/19-2	Wet	11/29/2018 12:40:00 PM	12/14/2018 8:42:00 PM	Chloroprotham	n/a	<	0.02	µg/L	EPA 525.2	0.02	0.2	WKL	
MO-SPA	2018/19-2	Wet	11/29/2018 12:40:00 PM	12/19/2018 7:43:00 PM	Chlorpyrifos	n/a	<	0.014	µg/L	EPA 525.2m	0.014	0.02	WKL	
MO-SPA	2018/19-2	Wet	11/29/2018 12:40:00 PM	12/19/2018 7:43:00 PM	Coumaphos	n/a	<	0.01	µg/L	EPA 525.2m	0.01	0.02	WKL	
MO-SPA	2018/19-2	Wet	11/29/2018 12:40:00 PM	12/14/2018 8:42:00 PM	Cyanazine	n/a	<	0.048	µg/L	EPA 525.2	0.048	0.2	WKL	
MO-SPA	2018/19-2	Wet	11/29/2018 12:40:00 PM	12/27/2018 8:46:00 PM	Dalapon	n/a	<	0.1	µg/L	EPA 515.3	0.1	0.4	WKL	
MO-SPA	2018/19-2	Wet	11/29/2018 12:40:00 PM	12/27/2018 8:46:00 PM	DCPA (Dacthal)	n/a	<	0.07	µg/L	EPA 515.3	0.07	0.1	WKL	
MO-SPA	2018/19-2	Wet	11/29/2018 12:40:00 PM	1/12/2019 12:30:00 PM	delta-BHC	n/a	<	0.05	µg/L	EPA 608	0.05	0.1	WKL	
MO-SPA	2018/19-2	Wet	11/29/2018 12:40:00 PM	12/19/2018 7:43:00 PM	Demeton-O	n/a	<	0.02	µg/L	EPA 525.2m	0.02	0.02	WKL	
MO-SPA	2018/19-2	Wet	11/29/2018 12:40:00 PM	12/19/2018 7:43:00 PM	Demeton-S	n/a	<	0.02	µg/L	EPA 525.2m	0.02	0.02	WKL	
MO-SPA	2018/19-2	Wet	11/29/2018 12:40:00 PM	12/14/2018 8:42:00 PM	Diazinon	n/a	<	0.19	µg/L	EPA 525.2	0.19	0.2	WKL	
MO-SPA	2018/19-2	Wet	11/29/2018 12:40:00 PM	12/19/2018 7:43:00 PM	Diazinon	n/a	<	0.01	µg/L	EPA 525.2m	0.01	0.02	WKL	

Appendix G
Laboratory Environmental Analysis Results

Site ID	Event	Event Type	Sample Date	Analysis Date	Constituent	Fraction	Sign	Result	Units	Method	MDL	Reporting Limit	Analyzing Laboratory	Qualifier
MO-SPA	2018/19-2	Wet	11/29/2018 12:40:00 PM	12/27/2018 8:46:00 PM	Dicamba	n/a	<	0.12	µg/L	EPA 515.3	0.12	0.6	WKL	
MO-SPA	2018/19-2	Wet	11/29/2018 12:40:00 PM	12/27/2018 8:46:00 PM	Dichlorprop	n/a	<	0.08	µg/L	EPA 515.3	0.08	0.3	WKL	
MO-SPA	2018/19-2	Wet	11/29/2018 12:40:00 PM	12/19/2018 7:43:00 PM	Dichlorvos	n/a	DNQ	0.0097	µg/L	EPA 525.2m	0.0058	0.02	WKL	
MO-SPA	2018/19-2	Wet	11/29/2018 12:40:00 PM	1/12/2019 12:30:00 PM	Dieldrin	n/a	<	0.042	µg/L	EPA 608	0.042	0.2	WKL	
MO-SPA	2018/19-2	Wet	11/29/2018 12:40:00 PM	12/14/2018 8:42:00 PM	Dimethoate	n/a	<	0.048	µg/L	EPA 525.2	0.048	0.4	WKL	
MO-SPA	2018/19-2	Wet	11/29/2018 12:40:00 PM	12/19/2018 7:43:00 PM	Dimethoate	n/a	<	0.012	µg/L	EPA 525.2m	0.012	0.02	WKL	
MO-SPA	2018/19-2	Wet	11/29/2018 12:40:00 PM	12/27/2018 8:46:00 PM	Dinoseb	n/a	<	0.14	µg/L	EPA 515.3	0.14	0.4	WKL	
MO-SPA	2018/19-2	Wet	11/29/2018 12:40:00 PM	12/14/2018 8:42:00 PM	Diphenamid	n/a	<	0.048	µg/L	EPA 525.2	0.048	0.2	WKL	
MO-SPA	2018/19-2	Wet	11/29/2018 12:40:00 PM	12/14/2018 8:42:00 PM	Disulfoton	n/a	<	0.062	µg/L	EPA 525.2	0.062	0.2	WKL	
MO-SPA	2018/19-2	Wet	11/29/2018 12:40:00 PM	12/19/2018 7:43:00 PM	Disulfoton	n/a	<	0.02	µg/L	EPA 525.2m	0.02	0.02	WKL	
MO-SPA	2018/19-2	Wet	11/29/2018 12:40:00 PM	1/12/2019 12:30:00 PM	Endosulfan I	n/a	<	0.034	µg/L	EPA 608	0.034	0.4	WKL	
MO-SPA	2018/19-2	Wet	11/29/2018 12:40:00 PM	1/12/2019 12:30:00 PM	Endosulfan II	n/a	<	0.038	µg/L	EPA 608	0.038	0.2	WKL	
MO-SPA	2018/19-2	Wet	11/29/2018 12:40:00 PM	1/12/2019 12:30:00 PM	Endosulfan sulfate	n/a	<	0.16	µg/L	EPA 608	0.16	1	WKL	
MO-SPA	2018/19-2	Wet	11/29/2018 12:40:00 PM	1/12/2019 12:30:00 PM	Endrin	n/a	<	0.056	µg/L	EPA 608	0.056	0.2	WKL	
MO-SPA	2018/19-2	Wet	11/29/2018 12:40:00 PM	1/12/2019 12:30:00 PM	Endrin aldehyde	n/a	<	0.06	µg/L	EPA 608	0.06	0.2	WKL	
MO-SPA	2018/19-2	Wet	11/29/2018 12:40:00 PM	12/14/2018 8:42:00 PM	EPTC	n/a	<	0.034	µg/L	EPA 525.2	0.034	2	WKL	
MO-SPA	2018/19-2	Wet	11/29/2018 12:40:00 PM	12/19/2018 7:43:00 PM	Ethoprop	n/a	<	0.013	µg/L	EPA 525.2m	0.013	0.02	WKL	
MO-SPA	2018/19-2	Wet	11/29/2018 12:40:00 PM	12/19/2018 7:43:00 PM	Ethyl parathion	n/a	<	0.011	µg/L	EPA 525.2m	0.011	0.02	WKL	
MO-SPA	2018/19-2	Wet	11/29/2018 12:40:00 PM	12/19/2018 7:43:00 PM	Fensulfothion	n/a	<	0.0058	µg/L	EPA 525.2m	0.0058	0.02	WKL	
MO-SPA	2018/19-2	Wet	11/29/2018 12:40:00 PM	12/19/2018 7:43:00 PM	Fenthion	n/a	<	0.0076	µg/L	EPA 525.2m	0.0076	0.02	WKL	
MO-SPA	2018/19-2	Wet	11/29/2018 12:40:00 PM	1/12/2019 12:30:00 PM	gamma-BHC (Lindane)	n/a	<	0.042	µg/L	EPA 608	0.042	0.4	WKL	
MO-SPA	2018/19-2	Wet	11/29/2018 12:40:00 PM	1/12/2019 12:30:00 PM	gamma-Chlordane	n/a	<	0.088	µg/L	EPA 608	0.088	0.2	WKL	
MO-SPA	2018/19-2	Wet	11/29/2018 12:40:00 PM	12/10/2018 8:34:00 PM	Glyphosate	n/a	=	17	µg/L	EPA 547	1.8	5	WKL	
MO-SPA	2018/19-2	Wet	11/29/2018 12:40:00 PM	1/12/2019 12:30:00 PM	Heptachlor	n/a	<	0.034	µg/L	EPA 608	0.034	0.2	WKL	
MO-SPA	2018/19-2	Wet	11/29/2018 12:40:00 PM	1/12/2019 12:30:00 PM	Heptachlor epoxide	n/a	<	0.038	µg/L	EPA 608	0.038	0.2	WKL	
MO-SPA	2018/19-2	Wet	11/29/2018 12:40:00 PM	12/19/2018 7:43:00 PM	Malathion	n/a	=	0.033	µg/L	EPA 525.2m	0.015	0.02	WKL	
MO-SPA	2018/19-2	Wet	11/29/2018 12:40:00 PM	12/19/2018 7:43:00 PM	Merphos	n/a	<	0.012	µg/L	EPA 525.2m	0.012	0.02	WKL	
MO-SPA	2018/19-2	Wet	11/29/2018 12:40:00 PM	1/12/2019 12:30:00 PM	Methoxychlor	n/a	<	0.11	µg/L	EPA 608	0.11	0.4	WKL	
MO-SPA	2018/19-2	Wet	11/29/2018 12:40:00 PM	12/19/2018 7:43:00 PM	Methyl parathion	n/a	<	0.013	µg/L	EPA 525.2m	0.013	0.02	WKL	
MO-SPA	2018/19-2	Wet	11/29/2018 12:40:00 PM	12/14/2018 8:42:00 PM	Metolachlor	n/a	<	0.024	µg/L	EPA 525.2	0.024	0.2	WKL	
MO-SPA	2018/19-2	Wet	11/29/2018 12:40:00 PM	12/14/2018 8:42:00 PM	Metribuzin	n/a	=	0.24	µg/L	EPA 525.2	0.03	0.2	WKL	
MO-SPA	2018/19-2	Wet	11/29/2018 12:40:00 PM	12/19/2018 7:43:00 PM	Mevinphos	n/a	<	0.0084	µg/L	EPA 525.2m	0.0084	0.02	WKL	
MO-SPA	2018/19-2	Wet	11/29/2018 12:40:00 PM	12/14/2018 8:42:00 PM	Molinate	n/a	<	0.078	µg/L	EPA 525.2	0.078	0.2	WKL	
MO-SPA	2018/19-2	Wet	11/29/2018 12:40:00 PM	12/19/2018 7:43:00 PM	Naled	n/a	<	0.015	µg/L	EPA 525.2m	0.015	0.02	WKL	
MO-SPA	2018/19-2	Wet	11/29/2018 12:40:00 PM	1/7/2019 3:19:00 AM	Pentachlorophenol	n/a	DNQ	3.2	µg/L	EPA 625	0.95	5	WKL	
MO-SPA	2018/19-2	Wet	11/29/2018 12:40:00 PM	1/11/2019 3:58:00 AM	Pentachlorophenol	n/a	DNQ	5.5	µg/L	EPA 8270C	1.5	10	WKL	UL-MB
MO-SPA	2018/19-2	Wet	11/29/2018 12:40:00 PM	12/27/2018 8:46:00 PM	Pentachlorophenol	n/a	=	0.68	µg/L	EPA 515.3	0.04	0.2	WKL	
MO-SPA	2018/19-2	Wet	11/29/2018 12:40:00 PM	12/19/2018 7:43:00 PM	Phorate	n/a	<	0.006	µg/L	EPA 525.2m	0.006	0.02	WKL	
MO-SPA	2018/19-2	Wet	11/29/2018 12:40:00 PM	12/27/2018 8:46:00 PM	Picloram	n/a	<	0.05	µg/L	EPA 515.3	0.05	0.6	WKL	
MO-SPA	2018/19-2	Wet	11/29/2018 12:40:00 PM	12/14/2018 8:42:00 PM	Prometon	n/a	<	0.048	µg/L	EPA 525.2	0.048	0.4	WKL	
MO-SPA	2018/19-2	Wet	11/29/2018 12:40:00 PM	12/14/2018 8:42:00 PM	Prometryn	n/a	<	0.072	µg/L	EPA 525.2	0.072	0.2	WKL	
MO-SPA	2018/19-2	Wet	11/29/2018 12:40:00 PM	12/19/2018 7:43:00 PM	Ronnel (Fenchlorphos)	n/a	<	0.0082	µg/L	EPA 525.2m	0.0082	0.02	WKL	
MO-SPA	2018/19-2	Wet	11/29/2018 12:40:00 PM	12/14/2018 8:42:00 PM	Simazine	n/a	<	0.03	µg/L	EPA 525.2	0.03	0.2	WKL	
MO-SPA	2018/19-2	Wet	11/29/2018 12:40:00 PM	12/19/2018 7:43:00 PM	Stirophos (Tetrachlorvinphos)	n/a	<	0.0062	µg/L	EPA 525.2m	0.0062	0.02	WKL	
MO-SPA	2018/19-2	Wet	11/29/2018 12:40:00 PM	12/14/2018 8:42:00 PM	Terbacil	n/a	<	1.1	µg/L	EPA 525.2	1.1	4	WKL	
MO-SPA	2018/19-2	Wet	11/29/2018 12:40:00 PM	12/14/2018 8:42:00 PM	Thiobencarb	n/a	<	0.05	µg/L	EPA 525.2	0.05	0.4	WKL	
MO-SPA	2018/19-2	Wet	11/29/2018 12:40:00 PM	12/19/2018 7:43:00 PM	Tokuthion	n/a	<	0.016	µg/L	EPA 525.2m	0.016	0.02	WKL	
MO-SPA	2018/19-2	Wet	11/29/2018 12:40:00 PM	1/12/2019 12:30:00 PM	Toxaphene	n/a	<	2.4	µg/L	EPA 608	2.4	10	WKL	

Appendix G
Laboratory Environmental Analysis Results

Site ID	Event	Event Type	Sample Date	Analysis Date	Constituent	Fraction	Sign	Result	Units	Method	MDL	Reporting Limit	Analyzing Laboratory	Qualifier
MO-SPA	2018/19-2	Wet	11/29/2018 12:40:00 PM	12/19/2018 7:43:00 PM	Trichloronate	n/a	<	0.013	µg/L	EPA 525.2m	0.013	0.02	WKL	
MO-SPA	2018/19-2	Wet	11/29/2018 12:40:00 PM	12/14/2018 8:42:00 PM	Trithion	n/a	<	0.024	µg/L	EPA 525.2	0.024	0.2	WKL	
MO-SPA	2018/19-3	Wet	1/5/2019 7:25:00 PM	1/6/2019 5:20:00 PM	E. Coli	n/a	=	8164	MPN/100 mL	MMO-MUG	10	10	VCHCA	
MO-SPA	2018/19-3	Wet	1/5/2019 7:25:00 PM	1/6/2019 5:20:00 PM	Total Coliform	n/a	=	198630	MPN/100 mL	MMO-MUG	100	100	VCHCA	
MO-SPA	2018/19-3	Wet	1/5/2019 7:25:00 PM	1/5/2019 7:25:00 PM	Conductivity	n/a	=	38.9	µmhos/cm	Field Meter	-88	1	Field Crew	
MO-SPA	2018/19-3	Wet	1/5/2019 7:25:00 PM	1/16/2019 4:44:00 PM	Cyanide	Total	DNQ	0.0012	mg/L	ASTM D7511	0.0005	0.002	WKL	
MO-SPA	2018/19-3	Wet	1/5/2019 7:25:00 PM	1/5/2019 7:25:00 PM	DO	n/a	=	77.8	%	Field Meter	-88	0.1	Field Crew	
MO-SPA	2018/19-3	Wet	1/5/2019 7:25:00 PM	1/5/2019 7:25:00 PM	DO	n/a	=	8.45	mg/L	Field Meter	-88	0.3	Field Crew	
MO-SPA	2018/19-3	Wet	1/5/2019 7:25:00 PM	1/5/2019 7:25:00 PM	pH	n/a	=	7.08	pH Units	Field Meter	-88	0.01	Field Crew	
MO-SPA	2018/19-3	Wet	1/5/2019 7:25:00 PM	1/5/2019 7:25:00 PM	Salinity	n/a	<	100	mg/L	Field Meter	-88	100	Field Crew	
MO-SPA	2018/19-3	Wet	1/5/2019 7:25:00 PM	1/5/2019 7:25:00 PM	Specific Conductance	n/a	=	53.5	µmhos/cm	Field Meter	-88	1	Field Crew	
MO-SPA	2018/19-3	Wet	1/5/2019 7:25:00 PM	1/5/2019 7:25:00 PM	Temperature	n/a	=	10.7	°C	Field Meter	-88	0.1	Field Crew	
MO-SPA	2018/19-3	Wet	1/5/2019 7:25:00 PM	1/12/2019 12:17:00 PM	Gasoline Range Organics	n/a	<	0.012	mg/L	LUFT GC/MS	0.012	0.1	WKL	
MO-SPA	2018/19-3	Wet	1/5/2019 7:25:00 PM	1/11/2019 3:00:00 PM	Oil and Grease	n/a	<	1.3	mg/L	EPA 1664A	1.3	5	WKL	
MO-SPA	2018/19-3	Wet	1/5/2019 7:25:00 PM	1/8/2019 8:39:00 PM	2-Chloroethyl vinyl ether	n/a	<	0.28	µg/L	EPA 624	0.28	1	WKL	
MO-SPA	2018/19-3	Wet	1/5/2019 7:25:00 PM	1/8/2019 8:39:00 PM	Methyl tert-butyl ether (MTBE)	n/a	<	0.25	µg/L	EPA 624	0.25	1	WKL	
MO-SPA	2018/19-3	Wet	1/5/2019 8:28:00 PM	1/15/2019 10:00:00 PM	Chloride	n/a	=	5.8	mg/L	EPA 300.0	0.1	0.5	WKL	
MO-SPA	2018/19-3	Wet	1/5/2019 8:28:00 PM	1/15/2019 10:00:00 PM	Fluoride	n/a	DNQ	0.054	mg/L	EPA 300.0	0.02	0.1	WKL	
MO-SPA	2018/19-3	Wet	1/5/2019 8:28:00 PM	1/16/2019 2:00:00 PM	Perchlorate	n/a	<	1.9	µg/L	EPA 314.0	1.9	4	WKL	
MO-SPA	2018/19-3	Wet	1/5/2019 8:28:00 PM	1/15/2019 10:00:00 PM	Sulfate	Total	=	13	mg/L	EPA 300.0	0.1	0.5	WKL	
MO-SPA	2018/19-3	Wet	1/5/2019 8:28:00 PM	1/30/2019 10:07:00 PM	Calcium	Total	=	15.2	mg/L	EPA 200.7	0.016	0.1	WKL	
MO-SPA	2018/19-3	Wet	1/5/2019 8:28:00 PM	1/30/2019 10:07:00 PM	Magnesium	Total	=	3.92	mg/L	EPA 200.7	0.012	0.1	WKL	
MO-SPA	2018/19-3	Wet	1/5/2019 8:28:00 PM	1/30/2019 10:07:00 PM	Potassium	Total	=	4.2	mg/L	EPA 200.7	0.081	0.1	WKL	
MO-SPA	2018/19-3	Wet	1/5/2019 8:28:00 PM	1/30/2019 10:07:00 PM	Sodium	Total	=	4.7	mg/L	EPA 200.7	0.015	0.5	WKL	
MO-SPA	2018/19-3	Wet	1/5/2019 8:28:00 PM	1/11/2019 3:58:00 PM	Alkalinity as CaCO3	n/a	=	23	mg/L	SM 2320 B	0.56	2	WKL	
MO-SPA	2018/19-3	Wet	1/5/2019 8:28:00 PM	1/12/2019 12:41:00 PM	BOD	n/a	=	19	mg/L	SM 5210 B	2	2	WKL	
MO-SPA	2018/19-3	Wet	1/5/2019 8:28:00 PM	1/17/2019 11:30:00 AM	COD	n/a	=	130	mg/L	EPA 410.4	0.73	5	WKL	
MO-SPA	2018/19-3	Wet	1/5/2019 8:28:00 PM	1/31/2019 4:14:00 AM	Dissolved Inorganic Carbon	Dissolved	=	8	mg/L	SM 5310 B	0.65	1	TestAmerica	
MO-SPA	2018/19-3	Wet	1/5/2019 8:28:00 PM	1/31/2019 1:49:54 PM	Dissolved Organic Carbon	Dissolved	=	13	mg/L	SM 5310 B	0.65	1	TestAmerica	
MO-SPA	2018/19-3	Wet	1/5/2019 8:28:00 PM	1/30/2019 10:07:00 PM	Hardness as CaCO3	Total	=	54	mg/L	EPA 200.7	0.0894	0.662	WKL	
MO-SPA	2018/19-3	Wet	1/5/2019 8:28:00 PM	1/7/2019 2:48:00 PM	MBAS	n/a	=	0.094	mg/L	SM 5540 C	0.019	0.05	WKL	
MO-SPA	2018/19-3	Wet	1/5/2019 8:28:00 PM	1/17/2019 5:46:00 PM	Phenolics	n/a	=	0.012	mg/L	EPA 420.4	0.0042	0.01	WKL	
MO-SPA	2018/19-3	Wet	1/5/2019 8:28:00 PM	1/10/2019 11:39:00 AM	Specific Conductance	n/a	=	120	µmhos/cm	SM 2510 B	0.23	2	WKL	
MO-SPA	2018/19-3	Wet	1/5/2019 8:28:00 PM	1/7/2019 6:56:00 PM	Total Chlorine Residual	n/a	<	0.0015	mg/L	SM 4500-Cl G	0.0015	0.05	WKL	EST-HT
MO-SPA	2018/19-3	Wet	1/5/2019 8:28:00 PM	1/10/2019 2:32:00 PM	Total Dissolved Solids	n/a	=	79	mg/L	SM 2540 C	4	10	WKL	
MO-SPA	2018/19-3	Wet	1/5/2019 8:28:00 PM	1/31/2019 2:58:00 PM	Total Organic Carbon	n/a	=	14	mg/L	SM 5310 B	0.21	0.3	MCA	
MO-SPA	2018/19-3	Wet	1/5/2019 8:28:00 PM	1/8/2019 1:30:00 PM	Total Suspended Solids	n/a	=	290	mg/L	SM 2540 D	-88	5	WKL	
MO-SPA	2018/19-3	Wet	1/7/2019 8:28:00 PM	1/7/2019 11:44:00 AM	Turbidity	n/a	=	150	NTU	EPA 180.1	0.24	1	WKL	
MO-SPA	2018/19-3	Wet	1/5/2019 8:28:00 PM	1/8/2019 1:30:00 PM	Volatile Suspended Solids	n/a	=	67	mg/L	EPA 160.4	3.1	5	WKL	
MO-SPA	2018/19-3	Wet	1/5/2019 8:28:00 PM	1/23/2019 2:10:00 AM	Diesel Range Organics	n/a	DNQ	0.64	mg/L	EPA 8015D	0.24	1	WKL	UL-MB
MO-SPA	2018/19-3	Wet	1/5/2019 8:28:00 PM	1/23/2019 2:10:00 AM	Oil Range Organics	n/a	<	3.3	mg/L	EPA 8015D	3.3	5	WKL	
MO-SPA	2018/19-3	Wet	1/5/2019 8:28:00 PM	2/4/2019 7:10:00 PM	Aluminum	Dissolved	=	26	µg/L	EPA 200.8	1.3	5	WKL	
MO-SPA	2018/19-3	Wet	1/5/2019 8:28:00 PM	2/4/2019 7:17:00 PM	Aluminum	Total	=	6300	µg/L	EPA 200.8	1.3	5	WKL	
MO-SPA	2018/19-3	Wet	1/5/2019 8:28:00 PM	2/4/2019 7:10:00 PM	Antimony	Dissolved	=	0.74	µg/L	EPA 200.8	0.045	0.5	WKL	
MO-SPA	2018/19-3	Wet	1/5/2019 8:28:00 PM	2/4/2019 7:17:00 PM	Antimony	Total	=	2.1	µg/L	EPA 200.8	0.045	0.5	WKL	
MO-SPA	2018/19-3	Wet	1/5/2019 8:28:00 PM	2/4/2019 7:10:00 PM	Arsenic	Dissolved	=	0.68	µg/L	EPA 200.8	0.074	0.4	WKL	
MO-SPA	2018/19-3	Wet	1/5/2019 8:28:00 PM	2/4/2019 7:17:00 PM	Arsenic	Total	=	2.5	µg/L	EPA 200.8	0.074	0.4	WKL	
MO-SPA	2018/19-3	Wet	1/5/2019 8:28:00 PM	2/4/2019 7:17:00 PM	Barium	Total	=	120	µg/L	EPA 200.8	0.071	0.5	WKL	

Appendix G
Laboratory Environmental Analysis Results

Site ID	Event	Event Type	Sample Date	Analysis Date	Constituent	Fraction	Sign	Result	Units	Method	MDL	Reporting Limit	Analyzing Laboratory	Qualifier
MO-SPA	2018/19-3	Wet	1/5/2019 8:28:00 PM	2/4/2019 7:10:00 PM	Beryllium	Dissolved	<	0.033	µg/L	EPA 200.8	0.033	0.1	WKL	
MO-SPA	2018/19-3	Wet	1/5/2019 8:28:00 PM	2/4/2019 7:17:00 PM	Beryllium	Total	=	0.21	µg/L	EPA 200.8	0.033	0.1	WKL	
MO-SPA	2018/19-3	Wet	1/5/2019 8:28:00 PM	2/4/2019 7:10:00 PM	Cadmium	Dissolved	<	0.041	µg/L	EPA 200.8	0.041	0.1	WKL	
MO-SPA	2018/19-3	Wet	1/5/2019 8:28:00 PM	2/4/2019 7:17:00 PM	Cadmium	Total	=	0.64	µg/L	EPA 200.8	0.041	0.1	WKL	
MO-SPA	2018/19-3	Wet	1/5/2019 8:28:00 PM	2/4/2019 7:10:00 PM	Chromium	Dissolved	=	1.1	µg/L	EPA 200.8	0.035	0.2	WKL	
MO-SPA	2018/19-3	Wet	1/5/2019 8:28:00 PM	2/4/2019 7:17:00 PM	Chromium	Total	=	10	µg/L	EPA 200.8	0.035	0.2	WKL	
MO-SPA	2018/19-3	Wet	1/5/2019 8:28:00 PM	1/18/2019 2:39:00 PM	Chromium VI	n/a	=	0.98	µg/L	EPA 218.6	0.0048	0.02	WKL	
MO-SPA	2018/19-3	Wet	1/5/2019 8:28:00 PM	2/4/2019 7:10:00 PM	Copper	Dissolved	=	9.5	µg/L	EPA 200.8	0.13	0.5	WKL	
MO-SPA	2018/19-3	Wet	1/5/2019 8:28:00 PM	2/4/2019 7:17:00 PM	Copper	Total	=	38	µg/L	EPA 200.8	0.13	0.5	WKL	
MO-SPA	2018/19-3	Wet	1/5/2019 8:28:00 PM	1/30/2019 9:24:00 PM	Iron	Dissolved	=	49	µg/L	EPA 200.7	1.1	10	WKL	
MO-SPA	2018/19-3	Wet	1/5/2019 8:28:00 PM	1/30/2019 10:07:00 PM	Iron	Total	=	7800	µg/L	EPA 200.7	1.1	10	WKL	
MO-SPA	2018/19-3	Wet	1/5/2019 8:28:00 PM	2/4/2019 7:10:00 PM	Lead	Dissolved	=	0.43	µg/L	EPA 200.8	0.031	0.2	WKL	
MO-SPA	2018/19-3	Wet	1/5/2019 8:28:00 PM	2/4/2019 7:17:00 PM	Lead	Total	=	26	µg/L	EPA 200.8	0.031	0.2	WKL	
MO-SPA	2018/19-3	Wet	1/5/2019 8:28:00 PM	1/10/2019 3:34:00 PM	Mercury	Dissolved	<	17	ng/L	EPA 245.1	17	50	WKL	
MO-SPA	2018/19-3	Wet	1/5/2019 8:28:00 PM	1/10/2019 3:36:00 PM	Mercury	Total	=	60	ng/L	EPA 245.1	17	50	WKL	
MO-SPA	2018/19-3	Wet	1/5/2019 8:28:00 PM	2/4/2019 7:10:00 PM	Nickel	Dissolved	=	2.1	µg/L	EPA 200.8	0.045	0.8	WKL	
MO-SPA	2018/19-3	Wet	1/5/2019 8:28:00 PM	2/4/2019 7:17:00 PM	Nickel	Total	=	11	µg/L	EPA 200.8	0.045	0.8	WKL	
MO-SPA	2018/19-3	Wet	1/5/2019 8:28:00 PM	2/4/2019 7:10:00 PM	Selenium	Dissolved	DNQ	0.22	µg/L	EPA 200.8	0.14	0.4	WKL	
MO-SPA	2018/19-3	Wet	1/5/2019 8:28:00 PM	2/4/2019 7:17:00 PM	Selenium	Total	=	0.4	µg/L	EPA 200.8	0.14	0.4	WKL	
MO-SPA	2018/19-3	Wet	1/5/2019 8:28:00 PM	2/4/2019 7:10:00 PM	Silver	Dissolved	<	0.062	µg/L	EPA 200.8	0.062	0.2	WKL	
MO-SPA	2018/19-3	Wet	1/5/2019 8:28:00 PM	2/4/2019 7:17:00 PM	Silver	Total	DNQ	0.1	µg/L	EPA 200.8	0.062	0.2	WKL	
MO-SPA	2018/19-3	Wet	1/5/2019 8:28:00 PM	2/4/2019 7:10:00 PM	Thallium	Dissolved	<	0.014	µg/L	EPA 200.8	0.014	0.2	WKL	
MO-SPA	2018/19-3	Wet	1/5/2019 8:28:00 PM	2/4/2019 7:17:00 PM	Thallium	Total	DNQ	0.07	µg/L	EPA 200.8	0.014	0.2	WKL	
MO-SPA	2018/19-3	Wet	1/5/2019 8:28:00 PM	2/4/2019 7:10:00 PM	Zinc	Dissolved	=	38	µg/L	EPA 200.8	0.94	5	WKL	
MO-SPA	2018/19-3	Wet	1/5/2019 8:28:00 PM	2/4/2019 7:17:00 PM	Zinc	Total	=	220	µg/L	EPA 200.8	0.94	5	WKL	
MO-SPA	2018/19-3	Wet	1/5/2019 8:28:00 PM	1/15/2019 6:47:00 PM	Ammonia as N	n/a	=	1	mg/L	EPA 350.1	0.048	0.1	WKL	
MO-SPA	2018/19-3	Wet	1/5/2019 8:28:00 PM	1/12/2019 10:10:00 AM	Nitrate + Nitrite as N	n/a	=	0.83	mg/L	EPA 353.2	0.083	0.2	WKL	
MO-SPA	2018/19-3	Wet	1/5/2019 8:28:00 PM	1/17/2019 7:11:00 PM	Phosphorus as P	Dissolved	=	0.19	mg/L	EPA 200.7	0.012	0.02	WKL	
MO-SPA	2018/19-3	Wet	1/5/2019 8:28:00 PM	1/17/2019 7:14:00 PM	Phosphorus as P	Total	=	0.7	mg/L	EPA 200.7	0.012	0.02	WKL	
MO-SPA	2018/19-3	Wet	1/5/2019 8:28:00 PM	1/12/2019 1:50:00 PM	TKN	n/a	=	2.7	mg/L	EPA 351.2	0.05	0.1	WKL	
MO-SPA	2018/19-3	Wet	1/5/2019 8:28:00 PM	1/30/2019 4:26:00 AM	1,2,4-Trichlorobenzene	n/a	<	5.5	µg/L	EPA 625	5.5	10	WKL	
MO-SPA	2018/19-3	Wet	1/5/2019 8:28:00 PM	1/30/2019 4:26:00 AM	1,2-Dichlorobenzene	n/a	<	5.7	µg/L	EPA 625	5.7	10	WKL	
MO-SPA	2018/19-3	Wet	1/5/2019 8:28:00 PM	1/30/2019 4:26:00 AM	1,2-Diphenylhydrazine	n/a	<	2.5	µg/L	EPA 625	2.5	10	WKL	
MO-SPA	2018/19-3	Wet	1/5/2019 8:28:00 PM	1/30/2019 4:26:00 AM	1,3-Dichlorobenzene	n/a	<	5.3	µg/L	EPA 625	5.3	10	WKL	
MO-SPA	2018/19-3	Wet	1/5/2019 8:28:00 PM	1/30/2019 4:26:00 AM	1,4-Dichlorobenzene	n/a	<	5.5	µg/L	EPA 625	5.5	10	WKL	
MO-SPA	2018/19-3	Wet	1/5/2019 8:28:00 PM	2/2/2019 12:20:00 AM	1-Methylnaphthalene	n/a	<	1	µg/L	EPA 8270C	1	1	WKL	
MO-SPA	2018/19-3	Wet	1/5/2019 8:28:00 PM	2/6/2019 12:20:00 AM	2,4,5-Trichlorophenol	n/a	<	2.9	µg/L	EPA 8270C	2.9	10	WKL	
MO-SPA	2018/19-3	Wet	1/5/2019 8:28:00 PM	2/6/2019 12:20:00 AM	2,4,6-Trichlorophenol	n/a	<	3	µg/L	EPA 8270C	3	10	WKL	
MO-SPA	2018/19-3	Wet	1/5/2019 8:28:00 PM	1/30/2019 4:26:00 AM	2,4,6-Trichlorophenol	n/a	<	2.2	µg/L	EPA 625	2.2	10	WKL	
MO-SPA	2018/19-3	Wet	1/5/2019 8:28:00 PM	1/30/2019 4:26:00 AM	2,4-Dichlorophenol	n/a	<	2.6	µg/L	EPA 625	2.6	10	WKL	
MO-SPA	2018/19-3	Wet	1/5/2019 8:28:00 PM	2/6/2019 12:20:00 AM	2,4-Dichlorophenol	n/a	<	5.1	µg/L	EPA 8270C	5.1	10	WKL	
MO-SPA	2018/19-3	Wet	1/5/2019 8:28:00 PM	1/30/2019 4:26:00 AM	2,4-Dimethylphenol	n/a	<	3	µg/L	EPA 625	3	10	WKL	
MO-SPA	2018/19-3	Wet	1/5/2019 8:28:00 PM	2/6/2019 12:20:00 AM	2,4-Dimethylphenol	n/a	<	10	µg/L	EPA 8270C	10	20	WKL	
MO-SPA	2018/19-3	Wet	1/5/2019 8:28:00 PM	1/30/2019 4:26:00 AM	2,4-Dinitrophenol	n/a	<	16	µg/L	EPA 625	16	100	WKL	
MO-SPA	2018/19-3	Wet	1/5/2019 8:28:00 PM	2/6/2019 12:20:00 AM	2,4-Dinitrophenol	n/a	<	10	µg/L	EPA 8270C	10	20	WKL	
MO-SPA	2018/19-3	Wet	1/5/2019 8:28:00 PM	1/30/2019 4:26:00 AM	2,4-Dinitrotoluene	n/a	<	1.8	µg/L	EPA 625	1.8	10	WKL	
MO-SPA	2018/19-3	Wet	1/5/2019 8:28:00 PM	1/30/2019 4:26:00 AM	2,6-Dinitrotoluene	n/a	<	2.7	µg/L	EPA 625	2.7	10	WKL	
MO-SPA	2018/19-3	Wet	1/5/2019 8:28:00 PM	1/30/2019 4:26:00 AM	2-Chloronaphthalene	n/a	<	4.5	µg/L	EPA 625	4.5	10	WKL	

Appendix G
Laboratory Environmental Analysis Results

Site ID	Event	Event Type	Sample Date	Analysis Date	Constituent	Fraction	Sign	Result	Units	Method	MDL	Reporting Limit	Analyzing Laboratory	Qualifier
MO-SPA	2018/19-3	Wet	1/5/2019 8:28:00 PM	1/30/2019 4:26:00 AM	2-Chlorophenol	n/a	<	2.8	µg/L	EPA 625	2.8	10	WKL	
MO-SPA	2018/19-3	Wet	1/5/2019 8:28:00 PM	2/6/2019 12:20:00 AM	2-Chlorophenol	n/a	<	6.5	µg/L	EPA 8270C	6.5	10	WKL	
MO-SPA	2018/19-3	Wet	1/5/2019 8:28:00 PM	2/2/2019 12:20:00 AM	2-Methylnaphthalene	n/a	<	1	µg/L	EPA 8270C	1	1	WKL	
MO-SPA	2018/19-3	Wet	1/5/2019 8:28:00 PM	2/6/2019 12:20:00 AM	2-Methylphenol	n/a	<	3.4	µg/L	EPA 8270C	3.4	10	WKL	
MO-SPA	2018/19-3	Wet	1/5/2019 8:28:00 PM	1/30/2019 4:26:00 AM	2-Nitrophenol	n/a	<	2.6	µg/L	EPA 625	2.6	10	WKL	
MO-SPA	2018/19-3	Wet	1/5/2019 8:28:00 PM	2/6/2019 12:20:00 AM	2-Nitrophenol	n/a	<	7.1	µg/L	EPA 8270C	7.1	10	WKL	
MO-SPA	2018/19-3	Wet	1/5/2019 8:28:00 PM	1/30/2019 4:26:00 AM	3,3'-Dichlorobenzidine	n/a	<	12	µg/L	EPA 625	12	50	WKL	
MO-SPA	2018/19-3	Wet	1/5/2019 8:28:00 PM	2/6/2019 12:20:00 AM	3-/4-Methylphenol	n/a	<	3	µg/L	EPA 8270C	3	10	WKL	
MO-SPA	2018/19-3	Wet	1/5/2019 8:28:00 PM	2/6/2019 12:20:00 AM	4,6-Dinitro-2-methylphenol	n/a	<	1.4	µg/L	EPA 8270C	1.4	10	WKL	
MO-SPA	2018/19-3	Wet	1/5/2019 8:28:00 PM	1/30/2019 4:26:00 AM	4,6-Dinitro-2-methylphenol	n/a	<	17	µg/L	EPA 625	17	50	WKL	
MO-SPA	2018/19-3	Wet	1/5/2019 8:28:00 PM	1/30/2019 4:26:00 AM	4-Bromophenyl phenyl ether	n/a	<	3.6	µg/L	EPA 625	3.6	10	WKL	
MO-SPA	2018/19-3	Wet	1/5/2019 8:28:00 PM	2/6/2019 12:20:00 AM	4-Chloro-3-methylphenol	n/a	<	3.7	µg/L	EPA 8270C	3.7	10	WKL	
MO-SPA	2018/19-3	Wet	1/5/2019 8:28:00 PM	1/30/2019 4:26:00 AM	4-Chloro-3-methylphenol	n/a	<	2.3	µg/L	EPA 625	2.3	10	WKL	
MO-SPA	2018/19-3	Wet	1/5/2019 8:28:00 PM	1/30/2019 4:26:00 AM	4-Chlorophenyl phenyl ether	n/a	<	4.1	µg/L	EPA 625	4.1	10	WKL	
MO-SPA	2018/19-3	Wet	1/5/2019 8:28:00 PM	1/30/2019 4:26:00 AM	4-Nitrophenol	n/a	<	4.5	µg/L	EPA 625	4.5	50	WKL	
MO-SPA	2018/19-3	Wet	1/5/2019 8:28:00 PM	2/6/2019 12:20:00 AM	4-Nitrophenol	n/a	<	10	µg/L	EPA 8270C	10	20	WKL	
MO-SPA	2018/19-3	Wet	1/5/2019 8:28:00 PM	1/30/2019 4:26:00 AM	Acenaphthene	n/a	<	3.8	µg/L	EPA 625	3.8	10	WKL	
MO-SPA	2018/19-3	Wet	1/5/2019 8:28:00 PM	2/2/2019 12:20:00 AM	Acenaphthene	n/a	<	1	µg/L	EPA 8270C	1	1	WKL	
MO-SPA	2018/19-3	Wet	1/5/2019 8:28:00 PM	1/30/2019 4:26:00 AM	Acenaphthylene	n/a	<	4	µg/L	EPA 625	4	10	WKL	
MO-SPA	2018/19-3	Wet	1/5/2019 8:28:00 PM	2/2/2019 12:20:00 AM	Acenaphthylene	n/a	<	1	µg/L	EPA 8270C	1	1	WKL	
MO-SPA	2018/19-3	Wet	1/5/2019 8:28:00 PM	2/2/2019 12:20:00 AM	Anthracene	n/a	<	1	µg/L	EPA 8270C	1	1	WKL	
MO-SPA	2018/19-3	Wet	1/5/2019 8:28:00 PM	1/30/2019 4:26:00 AM	Anthracene	n/a	<	3.4	µg/L	EPA 625	3.4	10	WKL	
MO-SPA	2018/19-3	Wet	1/5/2019 8:28:00 PM	1/30/2019 4:26:00 AM	Benz(a)anthracene	n/a	<	1.9	µg/L	EPA 625	1.9	10	WKL	
MO-SPA	2018/19-3	Wet	1/5/2019 8:28:00 PM	2/2/2019 12:20:00 AM	Benz(a)anthracene	n/a	<	1	µg/L	EPA 8270C	1	1	WKL	
MO-SPA	2018/19-3	Wet	1/5/2019 8:28:00 PM	1/30/2019 4:26:00 AM	Benzenzidine	n/a	<	37	µg/L	EPA 625	37	100	WKL	
MO-SPA	2018/19-3	Wet	1/5/2019 8:28:00 PM	2/2/2019 12:12:00 AM	Benzo(a)pyrene	n/a	<	0.35	µg/L	EPA 525.2	0.35	0.5	WKL	
MO-SPA	2018/19-3	Wet	1/5/2019 8:28:00 PM	1/30/2019 4:26:00 AM	Benzo(a)pyrene	n/a	<	1.3	µg/L	EPA 625	1.3	10	WKL	
MO-SPA	2018/19-3	Wet	1/5/2019 8:28:00 PM	2/2/2019 12:20:00 AM	Benzo(a)pyrene	n/a	<	1	µg/L	EPA 8270C	1	1	WKL	
MO-SPA	2018/19-3	Wet	1/5/2019 8:28:00 PM	1/30/2019 4:26:00 AM	Benzo(b)fluoranthene	n/a	<	1.4	µg/L	EPA 625	1.4	10	WKL	
MO-SPA	2018/19-3	Wet	1/5/2019 8:28:00 PM	2/2/2019 12:20:00 AM	Benzo(b)fluoranthene	n/a	<	1	µg/L	EPA 8270C	1	1	WKL	
MO-SPA	2018/19-3	Wet	1/5/2019 8:28:00 PM	1/30/2019 4:26:00 AM	Benzo(g,h,i)perylene	n/a	<	1	µg/L	EPA 625	1	20	WKL	
MO-SPA	2018/19-3	Wet	1/5/2019 8:28:00 PM	2/2/2019 12:20:00 AM	Benzo(g,h,i)perylene	n/a	<	1	µg/L	EPA 8270C	1	1	WKL	
MO-SPA	2018/19-3	Wet	1/5/2019 8:28:00 PM	2/2/2019 12:20:00 AM	Benzo(k)fluoranthene	n/a	<	1	µg/L	EPA 8270C	1	1	WKL	
MO-SPA	2018/19-3	Wet	1/5/2019 8:28:00 PM	1/30/2019 4:26:00 AM	Benzo(k)fluoranthene	n/a	<	2.2	µg/L	EPA 625	2.2	10	WKL	
MO-SPA	2018/19-3	Wet	1/5/2019 8:28:00 PM	1/30/2019 4:26:00 AM	Bis(2-chloroethoxy)methane	n/a	<	2.5	µg/L	EPA 625	2.5	10	WKL	
MO-SPA	2018/19-3	Wet	1/5/2019 8:28:00 PM	1/30/2019 4:26:00 AM	Bis(2-chloroethyl)ether	n/a	<	2.7	µg/L	EPA 625	2.7	10	WKL	
MO-SPA	2018/19-3	Wet	1/5/2019 8:28:00 PM	1/30/2019 4:26:00 AM	Bis(2-chloroisopropyl)ether	n/a	<	3.8	µg/L	EPA 625	3.8	10	WKL	
MO-SPA	2018/19-3	Wet	1/5/2019 8:28:00 PM	2/2/2019 12:12:00 AM	Bis(2-ethylhexyl)adipate	n/a	<	0.52	µg/L	EPA 525.2	0.52	25	WKL	
MO-SPA	2018/19-3	Wet	1/5/2019 8:28:00 PM	2/2/2019 12:12:00 AM	Bis(2-ethylhexyl)phthalate	n/a	<	5.3	µg/L	EPA 525.2	5.3	15	WKL	
MO-SPA	2018/19-3	Wet	1/5/2019 8:28:00 PM	1/30/2019 4:26:00 AM	Bis(2-ethylhexyl)phthalate	n/a	<	23	µg/L	EPA 625	23	50	WKL	
MO-SPA	2018/19-3	Wet	1/5/2019 8:28:00 PM	1/30/2019 4:26:00 AM	Butyl benzyl phthalate	n/a	<	1.8	µg/L	EPA 625	1.8	10	WKL	
MO-SPA	2018/19-3	Wet	1/5/2019 8:28:00 PM	1/30/2019 4:26:00 AM	Chrysene	n/a	<	1.9	µg/L	EPA 625	1.9	10	WKL	
MO-SPA	2018/19-3	Wet	1/5/2019 8:28:00 PM	2/2/2019 12:20:00 AM	Chrysene	n/a	<	1	µg/L	EPA 8270C	1	1	WKL	
MO-SPA	2018/19-3	Wet	1/5/2019 8:28:00 PM	2/2/2019 12:20:00 AM	Dibenz(a,h)anthracene	n/a	<	1	µg/L	EPA 8270C	1	1	WKL	
MO-SPA	2018/19-3	Wet	1/5/2019 8:28:00 PM	1/30/2019 4:26:00 AM	Dibenz(a,h)anthracene	n/a	<	0.8	µg/L	EPA 625	0.8	20	WKL	
MO-SPA	2018/19-3	Wet	1/5/2019 8:28:00 PM	1/30/2019 4:26:00 AM	Diethyl phthalate	n/a	<	1.5	µg/L	EPA 625	1.5	10	WKL	
MO-SPA	2018/19-3	Wet	1/5/2019 8:28:00 PM	1/30/2019 4:26:00 AM	Dimethyl phthalate	n/a	<	1.8	µg/L	EPA 625	1.8	10	WKL	
MO-SPA	2018/19-3	Wet	1/5/2019 8:28:00 PM	1/30/2019 4:26:00 AM	Di-n-butylphthalate	n/a	<	2.4	µg/L	EPA 625	2.4	10	WKL	

Appendix G
Laboratory Environmental Analysis Results

Site ID	Event	Event Type	Sample Date	Analysis Date	Constituent	Fraction	Sign	Result	Units	Method	MDL	Reporting Limit	Analyzing Laboratory	Qualifier
MO-SPA	2018/19-3	Wet	1/5/2019 8:28:00 PM	1/30/2019 4:26:00 AM	Di-n-octylphthalate	n/a	<	1.9	µg/L	EPA 625	1.9	10	WKL	
MO-SPA	2018/19-3	Wet	1/5/2019 8:28:00 PM	1/30/2019 4:26:00 AM	Fluoranthene	n/a	<	2.2	µg/L	EPA 625	2.2	10	WKL	
MO-SPA	2018/19-3	Wet	1/5/2019 8:28:00 PM	2/2/2019 12:20:00 AM	Fluoranthene	n/a	<	1	µg/L	EPA 8270C	1	1	WKL	
MO-SPA	2018/19-3	Wet	1/5/2019 8:28:00 PM	1/30/2019 4:26:00 AM	Fluorene	n/a	<	3.5	µg/L	EPA 625	3.5	10	WKL	
MO-SPA	2018/19-3	Wet	1/5/2019 8:28:00 PM	2/2/2019 12:20:00 AM	Fluorene	n/a	<	1	µg/L	EPA 8270C	1	1	WKL	
MO-SPA	2018/19-3	Wet	1/5/2019 8:28:00 PM	1/30/2019 4:26:00 AM	Hexachlorobenzene	n/a	<	4.9	µg/L	EPA 625	4.9	10	WKL	
MO-SPA	2018/19-3	Wet	1/5/2019 8:28:00 PM	1/30/2019 4:26:00 AM	Hexachlorobutadiene	n/a	<	4.7	µg/L	EPA 625	4.7	10	WKL	
MO-SPA	2018/19-3	Wet	1/5/2019 8:28:00 PM	1/30/2019 4:26:00 AM	Hexachlorocyclopentadiene	n/a	<	15	µg/L	EPA 625	15	50	WKL	
MO-SPA	2018/19-3	Wet	1/5/2019 8:28:00 PM	1/30/2019 4:26:00 AM	Hexachloroethane	n/a	<	5.2	µg/L	EPA 625	5.2	10	WKL	
MO-SPA	2018/19-3	Wet	1/5/2019 8:28:00 PM	1/30/2019 4:26:00 AM	Indeno(1,2,3-cd)pyrene	n/a	<	1.2	µg/L	EPA 625	1.2	20	WKL	
MO-SPA	2018/19-3	Wet	1/5/2019 8:28:00 PM	2/2/2019 12:20:00 AM	Indeno(1,2,3-cd)pyrene	n/a	<	1	µg/L	EPA 8270C	1	1	WKL	
MO-SPA	2018/19-3	Wet	1/5/2019 8:28:00 PM	1/30/2019 4:26:00 AM	Isophorone	n/a	<	2.1	µg/L	EPA 625	2.1	10	WKL	
MO-SPA	2018/19-3	Wet	1/5/2019 8:28:00 PM	1/30/2019 4:26:00 AM	Naphthalene	n/a	<	4.9	µg/L	EPA 625	4.9	10	WKL	
MO-SPA	2018/19-3	Wet	1/5/2019 8:28:00 PM	2/2/2019 12:20:00 AM	Naphthalene	n/a	<	1	µg/L	EPA 8270C	1	1	WKL	
MO-SPA	2018/19-3	Wet	1/5/2019 8:28:00 PM	1/30/2019 4:26:00 AM	Nitrobenzene	n/a	<	3.6	µg/L	EPA 625	3.6	10	WKL	
MO-SPA	2018/19-3	Wet	1/5/2019 8:28:00 PM	1/30/2019 4:26:00 AM	N-Nitrosodimethylamine	n/a	<	1.4	µg/L	EPA 625	1.4	10	WKL	
MO-SPA	2018/19-3	Wet	1/5/2019 8:28:00 PM	1/30/2019 4:26:00 AM	N-Nitrosodi-N-propylamine	n/a	<	2.6	µg/L	EPA 625	2.6	10	WKL	
MO-SPA	2018/19-3	Wet	1/5/2019 8:28:00 PM	1/30/2019 4:26:00 AM	N-Nitrosodiphenylamine	n/a	<	1.9	µg/L	EPA 625	1.9	10	WKL	
MO-SPA	2018/19-3	Wet	1/5/2019 8:28:00 PM	1/30/2019 4:26:00 AM	Phenanthrene	n/a	<	3.2	µg/L	EPA 625	3.2	10	WKL	
MO-SPA	2018/19-3	Wet	1/5/2019 8:28:00 PM	2/2/2019 12:20:00 AM	Phenanthrene	n/a	<	1	µg/L	EPA 8270C	1	1	WKL	
MO-SPA	2018/19-3	Wet	1/5/2019 8:28:00 PM	1/30/2019 4:26:00 AM	Phenol	n/a	<	1.6	µg/L	EPA 625	1.6	10	WKL	
MO-SPA	2018/19-3	Wet	1/5/2019 8:28:00 PM	2/6/2019 12:20:00 AM	Phenol	n/a	<	3.5	µg/L	EPA 8270C	3.5	10	WKL	
MO-SPA	2018/19-3	Wet	1/5/2019 8:28:00 PM	1/30/2019 4:26:00 AM	Pyrene	n/a	<	2.5	µg/L	EPA 625	2.5	10	WKL	
MO-SPA	2018/19-3	Wet	1/5/2019 8:28:00 PM	2/2/2019 12:20:00 AM	Pyrene	n/a	<	1	µg/L	EPA 8270C	1	1	WKL	
MO-SPA	2018/19-3	Wet	1/5/2019 8:28:00 PM	1/31/2019 2:41:00 AM	PCB Aroclor 1016	n/a	<	1	µg/L	EPA 608	1	10	WKL	
MO-SPA	2018/19-3	Wet	1/5/2019 8:28:00 PM	1/31/2019 2:41:00 AM	PCB Aroclor 1221	n/a	<	1.2	µg/L	EPA 608	1.2	10	WKL	
MO-SPA	2018/19-3	Wet	1/5/2019 8:28:00 PM	1/31/2019 2:41:00 AM	PCB Aroclor 1232	n/a	<	3	µg/L	EPA 608	3	10	WKL	
MO-SPA	2018/19-3	Wet	1/5/2019 8:28:00 PM	1/31/2019 2:41:00 AM	PCB Aroclor 1242	n/a	<	1.4	µg/L	EPA 608	1.4	10	WKL	
MO-SPA	2018/19-3	Wet	1/5/2019 8:28:00 PM	1/31/2019 2:41:00 AM	PCB Aroclor 1248	n/a	<	1.2	µg/L	EPA 608	1.2	10	WKL	
MO-SPA	2018/19-3	Wet	1/5/2019 8:28:00 PM	1/31/2019 2:41:00 AM	PCB Aroclor 1254	n/a	<	0.8	µg/L	EPA 608	0.8	10	WKL	
MO-SPA	2018/19-3	Wet	1/5/2019 8:28:00 PM	1/31/2019 2:41:00 AM	PCB Aroclor 1260	n/a	<	0.8	µg/L	EPA 608	0.8	10	WKL	
MO-SPA	2018/19-3	Wet	1/5/2019 8:28:00 PM	1/16/2019 8:09:00 AM	2,4,5-T	n/a	<	0.07	µg/L	EPA 515.3	0.07	0.2	WKL	
MO-SPA	2018/19-3	Wet	1/5/2019 8:28:00 PM	1/16/2019 8:09:00 AM	2,4,5-TP	n/a	<	0.09	µg/L	EPA 515.3	0.09	0.2	WKL	
MO-SPA	2018/19-3	Wet	1/5/2019 8:28:00 PM	1/16/2019 8:09:00 AM	2,4-D	n/a	<	0.07	µg/L	EPA 515.3	0.07	0.4	WKL	
MO-SPA	2018/19-3	Wet	1/5/2019 8:28:00 PM	1/16/2019 8:09:00 AM	2,4-DB	n/a	DNQ	0.7	µg/L	EPA 515.3	0.07	2	WKL	
MO-SPA	2018/19-3	Wet	1/5/2019 8:28:00 PM	1/16/2019 8:09:00 AM	3,5-Dichlorobenzoic acid	n/a	<	0.09	µg/L	EPA 515.3	0.09	1	WKL	
MO-SPA	2018/19-3	Wet	1/5/2019 8:28:00 PM	1/31/2019 2:41:00 AM	4,4'-DDD	n/a	<	0.06	µg/L	EPA 608	0.06	1	WKL	
MO-SPA	2018/19-3	Wet	1/5/2019 8:28:00 PM	1/31/2019 2:41:00 AM	4,4'-DDE	n/a	<	0.05	µg/L	EPA 608	0.05	1	WKL	
MO-SPA	2018/19-3	Wet	1/5/2019 8:28:00 PM	1/31/2019 2:41:00 AM	4,4'-DDT	n/a	<	0.062	µg/L	EPA 608	0.062	0.2	WKL	
MO-SPA	2018/19-3	Wet	1/5/2019 8:28:00 PM	1/16/2019 8:09:00 AM	Acifluorfen	n/a	<	0.06	µg/L	EPA 515.3	0.06	0.4	WKL	
MO-SPA	2018/19-3	Wet	1/5/2019 8:28:00 PM	2/2/2019 12:12:00 AM	Alachlor	n/a	<	0.11	µg/L	EPA 525.2	0.11	0.5	WKL	
MO-SPA	2018/19-3	Wet	1/5/2019 8:28:00 PM	1/31/2019 2:41:00 AM	Aldrin	n/a	<	0.03	µg/L	EPA 608	0.03	0.1	WKL	
MO-SPA	2018/19-3	Wet	1/5/2019 8:28:00 PM	1/31/2019 2:41:00 AM	alpha-BHC	n/a	<	0.036	µg/L	EPA 608	0.036	0.2	WKL	
MO-SPA	2018/19-3	Wet	1/5/2019 8:28:00 PM	1/31/2019 2:41:00 AM	alpha-Chlordane	n/a	<	0.082	µg/L	EPA 608	0.082	0.2	WKL	
MO-SPA	2018/19-3	Wet	1/5/2019 8:28:00 PM	2/2/2019 12:12:00 AM	Atrazine	n/a	<	0.17	µg/L	EPA 525.2	0.17	0.5	WKL	
MO-SPA	2018/19-3	Wet	1/5/2019 8:28:00 PM	1/26/2019 2:05:00 AM	Azinphos methyl	n/a	<	0.055	µg/L	EPA 525.2m	0.055	0.1	WKL	
MO-SPA	2018/19-3	Wet	1/5/2019 8:28:00 PM	1/16/2019 8:09:00 AM	Bentazon	n/a	<	0.11	µg/L	EPA 515.3	0.11	2	WKL	
MO-SPA	2018/19-3	Wet	1/5/2019 8:28:00 PM	1/31/2019 2:41:00 AM	beta-BHC	n/a	<	0.062	µg/L	EPA 608	0.062	0.1	WKL	

Appendix G
Laboratory Environmental Analysis Results

Site ID	Event	Event Type	Sample Date	Analysis Date	Constituent	Fraction	Sign	Result	Units	Method	MDL	Reporting Limit	Analyzing Laboratory	Qualifier
MO-SPA	2018/19-3	Wet	1/5/2019 8:28:00 PM	1/26/2019 2:05:00 AM	Bolstar	n/a	<	0.046	µg/L	EPA 525.2m	0.046	0.1	WKL	
MO-SPA	2018/19-3	Wet	1/5/2019 8:28:00 PM	2/2/2019 12:12:00 AM	Bromacil	n/a	<	0.19	µg/L	EPA 525.2	0.19	5	WKL	
MO-SPA	2018/19-3	Wet	1/5/2019 8:28:00 PM	2/2/2019 12:12:00 AM	Butachlor	n/a	<	0.085	µg/L	EPA 525.2	0.085	1	WKL	
MO-SPA	2018/19-3	Wet	1/5/2019 8:28:00 PM	2/2/2019 12:12:00 AM	Captan	n/a	<	4.3	µg/L	EPA 525.2	4.3	5	WKL	LB-LCSR
MO-SPA	2018/19-3	Wet	1/5/2019 8:28:00 PM	1/31/2019 2:41:00 AM	Chlordane (technical)	n/a	<	1.6	µg/L	EPA 608	1.6	2	WKL	
MO-SPA	2018/19-3	Wet	1/5/2019 8:28:00 PM	2/2/2019 12:12:00 AM	Chlorpropham	n/a	<	0.05	µg/L	EPA 525.2	0.05	0.5	WKL	
MO-SPA	2018/19-3	Wet	1/5/2019 8:28:00 PM	1/26/2019 2:05:00 AM	Chlorpyrifos	n/a	<	0.069	µg/L	EPA 525.2m	0.069	0.1	WKL	
MO-SPA	2018/19-3	Wet	1/5/2019 8:28:00 PM	1/26/2019 2:05:00 AM	Coumaphos	n/a	<	0.051	µg/L	EPA 525.2m	0.051	0.1	WKL	
MO-SPA	2018/19-3	Wet	1/5/2019 8:28:00 PM	2/2/2019 12:12:00 AM	Cyanazine	n/a	<	0.12	µg/L	EPA 525.2	0.12	0.5	WKL	
MO-SPA	2018/19-3	Wet	1/5/2019 8:28:00 PM	1/16/2019 8:09:00 AM	Dalapon	n/a	<	0.1	µg/L	EPA 515.3	0.1	0.4	WKL	
MO-SPA	2018/19-3	Wet	1/5/2019 8:28:00 PM	1/16/2019 8:09:00 AM	DCCA (Dacthal)	n/a	<	0.07	µg/L	EPA 515.3	0.07	0.1	WKL	
MO-SPA	2018/19-3	Wet	1/5/2019 8:28:00 PM	1/31/2019 2:41:00 AM	delta-BHC	n/a	<	0.05	µg/L	EPA 608	0.05	0.1	WKL	
MO-SPA	2018/19-3	Wet	1/5/2019 8:28:00 PM	1/26/2019 2:05:00 AM	Demeton-O	n/a	<	0.1	µg/L	EPA 525.2m	0.1	0.1	WKL	
MO-SPA	2018/19-3	Wet	1/5/2019 8:28:00 PM	1/26/2019 2:05:00 AM	Demeton-S	n/a	<	0.1	µg/L	EPA 525.2m	0.1	0.1	WKL	
MO-SPA	2018/19-3	Wet	1/5/2019 8:28:00 PM	2/2/2019 12:12:00 AM	Diazinon	n/a	<	0.48	µg/L	EPA 525.2	0.48	0.5	WKL	
MO-SPA	2018/19-3	Wet	1/5/2019 8:28:00 PM	1/26/2019 2:05:00 AM	Diazinon	n/a	<	0.052	µg/L	EPA 525.2m	0.052	0.1	WKL	
MO-SPA	2018/19-3	Wet	1/5/2019 8:28:00 PM	1/16/2019 8:09:00 AM	Dicamba	n/a	<	0.12	µg/L	EPA 515.3	0.12	0.6	WKL	
MO-SPA	2018/19-3	Wet	1/5/2019 8:28:00 PM	1/16/2019 8:09:00 AM	Dichlorprop	n/a	<	0.08	µg/L	EPA 515.3	0.08	0.3	WKL	
MO-SPA	2018/19-3	Wet	1/5/2019 8:28:00 PM	1/26/2019 2:05:00 AM	Dichlorvos	n/a	DNQ	0.035	µg/L	EPA 525.2m	0.029	0.1	WKL	
MO-SPA	2018/19-3	Wet	1/5/2019 8:28:00 PM	1/31/2019 2:41:00 AM	Dieldrin	n/a	<	0.042	µg/L	EPA 608	0.042	0.2	WKL	
MO-SPA	2018/19-3	Wet	1/5/2019 8:28:00 PM	2/2/2019 12:12:00 AM	Dimethoate	n/a	<	0.12	µg/L	EPA 525.2	0.12	1	WKL	
MO-SPA	2018/19-3	Wet	1/5/2019 8:28:00 PM	1/26/2019 2:05:00 AM	Dimethoate	n/a	<	0.062	µg/L	EPA 525.2m	0.062	0.1	WKL	
MO-SPA	2018/19-3	Wet	1/5/2019 8:28:00 PM	1/16/2019 8:09:00 AM	Dinoseb	n/a	<	0.14	µg/L	EPA 515.3	0.14	0.4	WKL	
MO-SPA	2018/19-3	Wet	1/5/2019 8:28:00 PM	2/2/2019 12:12:00 AM	Diphenamid	n/a	<	0.12	µg/L	EPA 525.2	0.12	0.5	WKL	
MO-SPA	2018/19-3	Wet	1/5/2019 8:28:00 PM	2/2/2019 12:12:00 AM	Disulfoton	n/a	<	0.16	µg/L	EPA 525.2	0.16	0.5	WKL	
MO-SPA	2018/19-3	Wet	1/5/2019 8:28:00 PM	1/26/2019 2:05:00 AM	Disulfoton	n/a	<	0.1	µg/L	EPA 525.2m	0.1	0.1	WKL	
MO-SPA	2018/19-3	Wet	1/5/2019 8:28:00 PM	1/31/2019 2:41:00 AM	Endosulfan I	n/a	<	0.034	µg/L	EPA 608	0.034	0.4	WKL	
MO-SPA	2018/19-3	Wet	1/5/2019 8:28:00 PM	1/31/2019 2:41:00 AM	Endosulfan II	n/a	<	0.038	µg/L	EPA 608	0.038	0.2	WKL	
MO-SPA	2018/19-3	Wet	1/5/2019 8:28:00 PM	1/31/2019 2:41:00 AM	Endosulfan sulfate	n/a	<	0.16	µg/L	EPA 608	0.16	1	WKL	
MO-SPA	2018/19-3	Wet	1/5/2019 8:28:00 PM	1/31/2019 2:41:00 AM	Endrin	n/a	<	0.056	µg/L	EPA 608	0.056	0.2	WKL	
MO-SPA	2018/19-3	Wet	1/5/2019 8:28:00 PM	1/31/2019 2:41:00 AM	Endrin aldehyde	n/a	<	0.06	µg/L	EPA 608	0.06	0.2	WKL	LB-LCSR
MO-SPA	2018/19-3	Wet	1/5/2019 8:28:00 PM	2/2/2019 12:12:00 AM	EPTC	n/a	<	0.085	µg/L	EPA 525.2	0.085	5	WKL	
MO-SPA	2018/19-3	Wet	1/5/2019 8:28:00 PM	1/26/2019 2:05:00 AM	Ethoprop	n/a	<	0.067	µg/L	EPA 525.2m	0.067	0.1	WKL	
MO-SPA	2018/19-3	Wet	1/5/2019 8:28:00 PM	1/26/2019 2:05:00 AM	Ethyl parathion	n/a	<	0.054	µg/L	EPA 525.2m	0.054	0.1	WKL	
MO-SPA	2018/19-3	Wet	1/5/2019 8:28:00 PM	1/26/2019 2:05:00 AM	Fensulfothion	n/a	<	0.029	µg/L	EPA 525.2m	0.029	0.1	WKL	
MO-SPA	2018/19-3	Wet	1/5/2019 8:28:00 PM	1/26/2019 2:05:00 AM	Fenthion	n/a	<	0.038	µg/L	EPA 525.2m	0.038	0.1	WKL	
MO-SPA	2018/19-3	Wet	1/5/2019 8:28:00 PM	1/31/2019 2:41:00 AM	gamma-BHC (Lindane)	n/a	<	0.042	µg/L	EPA 608	0.042	0.4	WKL	
MO-SPA	2018/19-3	Wet	1/5/2019 8:28:00 PM	1/31/2019 2:41:00 AM	gamma-Chlordane	n/a	<	0.088	µg/L	EPA 608	0.088	0.2	WKL	
MO-SPA	2018/19-3	Wet	1/5/2019 8:28:00 PM	1/10/2019 4:12:00 AM	Glyphosate	n/a	=	14	µg/L	EPA 547	1.8	5	WKL	
MO-SPA	2018/19-3	Wet	1/5/2019 8:28:00 PM	1/31/2019 2:41:00 AM	Heptachlor	n/a	<	0.034	µg/L	EPA 608	0.034	0.2	WKL	
MO-SPA	2018/19-3	Wet	1/5/2019 8:28:00 PM	1/31/2019 2:41:00 AM	Heptachlor epoxide	n/a	<	0.038	µg/L	EPA 608	0.038	0.2	WKL	
MO-SPA	2018/19-3	Wet	1/5/2019 8:28:00 PM	1/26/2019 2:05:00 AM	Malathion	n/a	<	0.076	µg/L	EPA 525.2m	0.076	0.1	WKL	
MO-SPA	2018/19-3	Wet	1/5/2019 8:28:00 PM	1/26/2019 2:05:00 AM	Merphos	n/a	<	0.058	µg/L	EPA 525.2m	0.058	0.1	WKL	
MO-SPA	2018/19-3	Wet	1/5/2019 8:28:00 PM	1/31/2019 2:41:00 AM	Methoxychlor	n/a	<	0.11	µg/L	EPA 608	0.11	0.4	WKL	
MO-SPA	2018/19-3	Wet	1/5/2019 8:28:00 PM	1/26/2019 2:05:00 AM	Methyl parathion	n/a	<	0.063	µg/L	EPA 525.2m	0.063	0.1	WKL	
MO-SPA	2018/19-3	Wet	1/5/2019 8:28:00 PM	2/2/2019 12:12:00 AM	Metolachlor	n/a	<	0.06	µg/L	EPA 525.2	0.06	0.5	WKL	
MO-SPA	2018/19-3	Wet	1/5/2019 8:28:00 PM	2/2/2019 12:12:00 AM	Metribuzin	n/a	DNQ	0.27	µg/L	EPA 525.2	0.075	0.5	WKL	
MO-SPA	2018/19-3	Wet	1/5/2019 8:28:00 PM	1/26/2019 2:05:00 AM	Mevinphos	n/a	<	0.042	µg/L	EPA 525.2m	0.042	0.1	WKL	

Appendix G
Laboratory Environmental Analysis Results

Site ID	Event	Event Type	Sample Date	Analysis Date	Constituent	Fraction	Sign	Result	Units	Method	MDL	Reporting Limit	Analyzing Laboratory	Qualifier
MO-SPA	2018/19-3	Wet	1/5/2019 8:28:00 PM	2/2/2019 12:12:00 AM	Molinate	n/a	<	0.2	µg/L	EPA 525.2	0.2	0.5	WKL	
MO-SPA	2018/19-3	Wet	1/5/2019 8:28:00 PM	1/26/2019 2:05:00 AM	Naled	n/a	<	0.076	µg/L	EPA 525.2m	0.076	0.1	WKL	
MO-SPA	2018/19-3	Wet	1/5/2019 8:28:00 PM	2/6/2019 12:20:00 AM	Pentachlorophenol	n/a	DNQ	5	µg/L	EPA 8270C	1.5	10	WKL	
MO-SPA	2018/19-3	Wet	1/5/2019 8:28:00 PM	1/30/2019 4:26:00 AM	Pentachlorophenol	n/a	DNQ	5.2	µg/L	EPA 625	1.9	10	WKL	
MO-SPA	2018/19-3	Wet	1/5/2019 8:28:00 PM	1/16/2019 8:09:00 AM	Pentachlorophenol	n/a	=	0.49	µg/L	EPA 515.3	0.04	0.2	WKL	
MO-SPA	2018/19-3	Wet	1/5/2019 8:28:00 PM	1/26/2019 2:05:00 AM	Phorate	n/a	<	0.03	µg/L	EPA 525.2m	0.03	0.1	WKL	
MO-SPA	2018/19-3	Wet	1/5/2019 8:28:00 PM	1/16/2019 8:09:00 AM	Picloram	n/a	<	0.05	µg/L	EPA 515.3	0.05	0.6	WKL	
MO-SPA	2018/19-3	Wet	1/5/2019 8:28:00 PM	2/2/2019 12:12:00 AM	Prometon	n/a	DNQ	0.24	µg/L	EPA 525.2	0.12	1	WKL	
MO-SPA	2018/19-3	Wet	1/5/2019 8:28:00 PM	2/2/2019 12:12:00 AM	Prometryn	n/a	<	0.18	µg/L	EPA 525.2	0.18	0.5	WKL	
MO-SPA	2018/19-3	Wet	1/5/2019 8:28:00 PM	1/26/2019 2:05:00 AM	Ronnel (Fenchlorphos)	n/a	<	0.041	µg/L	EPA 525.2m	0.041	0.1	WKL	
MO-SPA	2018/19-3	Wet	1/5/2019 8:28:00 PM	2/2/2019 12:12:00 AM	Simazine	n/a	<	0.075	µg/L	EPA 525.2	0.075	0.5	WKL	
MO-SPA	2018/19-3	Wet	1/5/2019 8:28:00 PM	1/26/2019 2:05:00 AM	Stirophos (Tetrachlorvinphos)	n/a	<	0.031	µg/L	EPA 525.2m	0.031	0.1	WKL	
MO-SPA	2018/19-3	Wet	1/5/2019 8:28:00 PM	2/2/2019 12:12:00 AM	Terbacil	n/a	<	2.8	µg/L	EPA 525.2	2.8	10	WKL	
MO-SPA	2018/19-3	Wet	1/5/2019 8:28:00 PM	2/2/2019 12:12:00 AM	Thiobencarb	n/a	<	0.12	µg/L	EPA 525.2	0.12	1	WKL	
MO-SPA	2018/19-3	Wet	1/5/2019 8:28:00 PM	1/26/2019 2:05:00 AM	Tokuthion	n/a	<	0.078	µg/L	EPA 525.2m	0.078	0.1	WKL	
MO-SPA	2018/19-3	Wet	1/5/2019 8:28:00 PM	1/31/2019 2:41:00 AM	Toxaphene	n/a	<	2.4	µg/L	EPA 608	2.4	10	WKL	
MO-SPA	2018/19-3	Wet	1/5/2019 8:28:00 PM	1/26/2019 2:05:00 AM	Trichloronate	n/a	<	0.067	µg/L	EPA 525.2m	0.067	0.1	WKL	
MO-SPA	2018/19-3	Wet	1/5/2019 8:28:00 PM	2/2/2019 12:12:00 AM	Trithion	n/a	<	0.06	µg/L	EPA 525.2	0.06	0.5	WKL	
MO-THO	2018/19-1	Wet	11/22/2018 10:26:00 AM	11/26/2018 10:00:00 PM	Chloride	n/a	=	200	mg/L	EPA 300.0	0.2	1	WKL	
MO-THO	2018/19-1	Wet	11/22/2018 10:26:00 AM	11/26/2018 10:00:00 PM	Fluoride	n/a	=	0.34	mg/L	EPA 300.0	0.04	0.2	WKL	
MO-THO	2018/19-1	Wet	11/22/2018 10:26:00 AM	11/29/2018 7:43:00 PM	Perchlorate	n/a	<	0.95	µg/L	EPA 314.0	0.95	2	WKL	
MO-THO	2018/19-1	Wet	11/22/2018 10:26:00 AM	11/26/2018 10:00:00 PM	Sulfate	Total	=	290	mg/L	EPA 300.0	0.2	1	WKL	
MO-THO	2018/19-1	Wet	11/22/2018 10:26:00 AM	11/27/2018 4:01:00 PM	Calcium	Total	=	107	mg/L	EPA 200.7	0.016	0.1	WKL	
MO-THO	2018/19-1	Wet	11/22/2018 10:26:00 AM	11/27/2018 4:01:00 PM	Magnesium	Total	=	84.9	mg/L	EPA 200.7	0.012	0.1	WKL	
MO-THO	2018/19-1	Wet	11/22/2018 10:26:00 AM	11/27/2018 4:01:00 PM	Potassium	Total	=	7.2	mg/L	EPA 200.7	0.081	0.1	WKL	
MO-THO	2018/19-1	Wet	11/22/2018 10:26:00 AM	11/27/2018 4:01:00 PM	Sodium	Total	=	120	mg/L	EPA 200.7	0.015	0.5	WKL	
MO-THO	2018/19-1	Wet	11/22/2018 10:26:00 AM	11/29/2018 12:30:00 PM	Alkalinity as CaCO3	n/a	=	260	mg/L	SM 2320 B	0.56	2	WKL	
MO-THO	2018/19-1	Wet	11/22/2018 10:26:00 AM	11/28/2018 6:57:00 PM	BOD	n/a	=	20	mg/L	SM 5210 B	2	2	WKL	
MO-THO	2018/19-1	Wet	11/22/2018 10:26:00 AM	11/27/2018 2:52:00 PM	COD	n/a	=	120	mg/L	EPA 410.4	0.73	5	WKL	
MO-THO	2018/19-1	Wet	11/22/2018 10:26:00 AM	12/4/2018 2:24:00 PM	Dissolved Inorganic Carbon	Dissolved	=	73	mg/L	SM 5310 B	0.016	0.1	WKL	
MO-THO	2018/19-1	Wet	11/22/2018 10:26:00 AM	12/3/2018 11:13:00 AM	Dissolved Organic Carbon	Dissolved	=	21	mg/L	SM 5310 B	0.013	0.3	WKL	
MO-THO	2018/19-1	Wet	11/22/2018 10:26:00 AM	11/27/2018 4:01:00 PM	Hardness as CaCO3	Total	=	616	mg/L	EPA 200.7	0.0894	0.662	WKL	
MO-THO	2018/19-1	Wet	11/22/2018 10:26:00 AM	11/23/2018 6:32:00 PM	MBAS	n/a	=	0.34	mg/L	SM 5540 C	0.095	0.25	WKL	
MO-THO	2018/19-1	Wet	11/22/2018 10:26:00 AM	12/6/2018 6:19:00 PM	Phenolics	n/a	=	0.053	mg/L	EPA 420.4	0.0042	0.01	WKL	
MO-THO	2018/19-1	Wet	11/22/2018 10:26:00 AM	12/3/2018 12:52:00 PM	Specific Conductance	n/a	=	1700	µmhos/cm	SM 2510 B	0.7	6	WKL	
MO-THO	2018/19-1	Wet	11/22/2018 10:26:00 AM	11/27/2018 6:57:00 PM	Total Dissolved Solids	n/a	=	1000	mg/L	SM 2540 C	4	10	WKL	
MO-THO	2018/19-1	Wet	11/22/2018 10:26:00 AM	11/30/2018 12:03:00 PM	Total Organic Carbon	n/a	=	27	mg/L	SM 5310 B	0.016	0.1	WKL	
MO-THO	2018/19-1	Wet	11/22/2018 10:26:00 AM	11/27/2018 2:15:00 PM	Total Suspended Solids	n/a	=	320	mg/L	SM 2540 D	-88	5	WKL	
MO-THO	2018/19-1	Wet	11/22/2018 10:26:00 AM	11/23/2018 6:35:00 PM	Turbidity	n/a	=	43	NTU	EPA 180.1	0.24	1	WKL	
MO-THO	2018/19-1	Wet	11/22/2018 10:26:00 AM	11/27/2018 2:15:00 PM	Volatile Suspended Solids	n/a	=	80	mg/L	EPA 160.4	3.1	5	WKL	
MO-THO	2018/19-1	Wet	11/22/2018 10:26:00 AM	12/1/2018 1:06:00 AM	Diesel Range Organics	n/a	=	0.45	mg/L	EPA 8015D	0.048	0.2	WKL	
MO-THO	2018/19-1	Wet	11/22/2018 10:26:00 AM	12/1/2018 1:06:00 AM	Oil Range Organics	n/a	<	0.66	mg/L	EPA 8015D	0.66	1	WKL	
MO-THO	2018/19-1	Wet	11/22/2018 10:26:00 AM	11/28/2018 1:26:00 PM	Aluminum	Dissolved	=	9.2	µg/L	EPA 200.8	1.3	5	WKL	
MO-THO	2018/19-1	Wet	11/22/2018 10:26:00 AM	11/28/2018 1:33:00 PM	Aluminum	Total	=	3600	µg/L	EPA 200.8	1.3	5	WKL	HB-MSR
MO-THO	2018/19-1	Wet	11/22/2018 10:26:00 AM	11/28/2018 1:26:00 PM	Antimony	Dissolved	=	0.54	µg/L	EPA 200.8	0.045	0.5	WKL	
MO-THO	2018/19-1	Wet	11/22/2018 10:26:00 AM	11/28/2018 1:33:00 PM	Antimony	Total	=	0.69	µg/L	EPA 200.8	0.045	0.5	WKL	
MO-THO	2018/19-1	Wet	11/22/2018 10:26:00 AM	11/28/2018 1:26:00 PM	Arsenic	Dissolved	=	3	µg/L	EPA 200.8	0.074	0.4	WKL	
MO-THO	2018/19-1	Wet	11/22/2018 10:26:00 AM	11/28/2018 1:33:00 PM	Arsenic	Total	=	4	µg/L	EPA 200.8	0.074	0.4	WKL	

Appendix G
Laboratory Environmental Analysis Results

Site ID	Event	Event Type	Sample Date	Analysis Date	Constituent	Fraction	Sign	Result	Units	Method	MDL	Reporting Limit	Analyzing Laboratory	Qualifier
MO-THO	2018/19-1	Wet	11/22/2018 10:26:00 AM	11/28/2018 1:33:00 PM	Barium	Total	=	51	µg/L	EPA 200.8	0.071	0.5	WKL	
MO-THO	2018/19-1	Wet	11/22/2018 10:26:00 AM	11/28/2018 1:26:00 PM	Beryllium	Dissolved	<	0.033	µg/L	EPA 200.8	0.033	0.1	WKL	
MO-THO	2018/19-1	Wet	11/22/2018 10:26:00 AM	11/28/2018 1:33:00 PM	Beryllium	Total	=	0.11	µg/L	EPA 200.8	0.033	0.1	WKL	
MO-THO	2018/19-1	Wet	11/22/2018 10:26:00 AM	11/28/2018 1:26:00 PM	Cadmium	Dissolved	DNQ	0.08	µg/L	EPA 200.8	0.041	0.1	WKL	
MO-THO	2018/19-1	Wet	11/22/2018 10:26:00 AM	11/28/2018 1:33:00 PM	Cadmium	Total	=	0.39	µg/L	EPA 200.8	0.041	0.1	WKL	
MO-THO	2018/19-1	Wet	11/22/2018 10:26:00 AM	11/28/2018 1:26:00 PM	Chromium	Dissolved	=	1.4	µg/L	EPA 200.8	0.035	0.2	WKL	
MO-THO	2018/19-1	Wet	11/22/2018 10:26:00 AM	11/28/2018 1:33:00 PM	Chromium	Total	=	14	µg/L	EPA 200.8	0.035	0.2	WKL	
MO-THO	2018/19-1	Wet	11/22/2018 10:26:00 AM	12/1/2018 12:10:00 AM	Chromium VI	n/a	<	0.096	µg/L	EPA 218.6	0.096	0.4	WKL	
MO-THO	2018/19-1	Wet	11/22/2018 10:26:00 AM	11/28/2018 1:26:00 PM	Copper	Dissolved	=	3.3	µg/L	EPA 200.8	0.13	0.5	WKL	
MO-THO	2018/19-1	Wet	11/22/2018 10:26:00 AM	11/28/2018 1:33:00 PM	Copper	Total	=	15	µg/L	EPA 200.8	0.13	0.5	WKL	
MO-THO	2018/19-1	Wet	11/22/2018 10:26:00 AM	11/27/2018 3:52:00 PM	Iron	Dissolved	=	110	µg/L	EPA 200.7	1.1	10	WKL	
MO-THO	2018/19-1	Wet	11/22/2018 10:26:00 AM	11/27/2018 4:01:00 PM	Iron	Total	=	5700	µg/L	EPA 200.7	1.1	10	WKL	
MO-THO	2018/19-1	Wet	11/22/2018 10:26:00 AM	11/28/2018 1:26:00 PM	Lead	Dissolved	DNQ	0.1	µg/L	EPA 200.8	0.031	0.2	WKL	
MO-THO	2018/19-1	Wet	11/22/2018 10:26:00 AM	11/28/2018 1:33:00 PM	Lead	Total	=	2.5	µg/L	EPA 200.8	0.031	0.2	WKL	
MO-THO	2018/19-1	Wet	11/22/2018 10:26:00 AM	11/28/2018 4:05:00 PM	Mercury	Dissolved	<	17	ng/L	EPA 245.1	17	50	WKL	
MO-THO	2018/19-1	Wet	11/22/2018 10:26:00 AM	11/28/2018 4:07:00 PM	Mercury	Total	<	17	ng/L	EPA 245.1	17	50	WKL	
MO-THO	2018/19-1	Wet	11/22/2018 10:26:00 AM	11/28/2018 1:26:00 PM	Nickel	Dissolved	=	8.7	µg/L	EPA 200.8	0.045	0.8	WKL	
MO-THO	2018/19-1	Wet	11/22/2018 10:26:00 AM	11/28/2018 1:33:00 PM	Nickel	Total	=	21	µg/L	EPA 200.8	0.045	0.8	WKL	
MO-THO	2018/19-1	Wet	11/22/2018 10:26:00 AM	11/28/2018 1:26:00 PM	Selenium	Dissolved	=	1.7	µg/L	EPA 200.8	0.14	0.4	WKL	
MO-THO	2018/19-1	Wet	11/22/2018 10:26:00 AM	11/28/2018 1:33:00 PM	Selenium	Total	=	2.4	µg/L	EPA 200.8	0.14	0.4	WKL	
MO-THO	2018/19-1	Wet	11/22/2018 10:26:00 AM	11/28/2018 1:26:00 PM	Silver	Dissolved	<	0.062	µg/L	EPA 200.8	0.062	0.2	WKL	
MO-THO	2018/19-1	Wet	11/22/2018 10:26:00 AM	11/28/2018 1:33:00 PM	Silver	Total	<	0.062	µg/L	EPA 200.8	0.062	0.2	WKL	
MO-THO	2018/19-1	Wet	11/22/2018 10:26:00 AM	11/28/2018 1:26:00 PM	Thallium	Dissolved	<	0.014	µg/L	EPA 200.8	0.014	0.2	WKL	
MO-THO	2018/19-1	Wet	11/22/2018 10:26:00 AM	11/28/2018 1:33:00 PM	Thallium	Total	DNQ	0.04	µg/L	EPA 200.8	0.014	0.2	WKL	
MO-THO	2018/19-1	Wet	11/22/2018 10:26:00 AM	11/28/2018 1:26:00 PM	Zinc	Dissolved	=	7.9	µg/L	EPA 200.8	0.94	5	WKL	
MO-THO	2018/19-1	Wet	11/22/2018 10:26:00 AM	11/28/2018 1:33:00 PM	Zinc	Total	=	51	µg/L	EPA 200.8	0.94	5	WKL	
MO-THO	2018/19-1	Wet	11/22/2018 10:26:00 AM	11/27/2018 4:38:00 PM	Ammonia as N	n/a	=	0.44	mg/L	EPA 350.1	0.048	0.1	WKL	
MO-THO	2018/19-1	Wet	11/22/2018 10:26:00 AM	12/17/2018 1:11:00 PM	Nitrate + Nitrite as N	n/a	=	0.88	mg/L	EPA 353.2	0.083	0.2	WKL	
MO-THO	2018/19-1	Wet	11/22/2018 10:26:00 AM	1/17/2019 2:13:00 PM	Phosphorus as P	Dissolved	=	0.15	mg/L	EPA 200.7	0.012	0.02	WKL	
MO-THO	2018/19-1	Wet	11/22/2018 10:26:00 AM	1/17/2019 2:16:00 PM	Phosphorus as P	Total	=	0.64	mg/L	EPA 200.7	0.012	0.02	WKL	
MO-THO	2018/19-1	Wet	11/22/2018 10:26:00 AM	12/12/2018 4:46:00 PM	TKN	n/a	=	2	mg/L	EPA 351.2	0.05	0.1	WKL	
MO-THO	2018/19-1	Wet	11/22/2018 10:26:00 AM	12/29/2018 2:23:00 AM	1,2,4-Trichlorobenzene	n/a	<	1.1	µg/L	EPA 625	1.1	2	WKL	
MO-THO	2018/19-1	Wet	11/22/2018 10:26:00 AM	12/29/2018 2:23:00 AM	1,2-Dichlorobenzene	n/a	<	1.1	µg/L	EPA 625	1.1	2	WKL	
MO-THO	2018/19-1	Wet	11/22/2018 10:26:00 AM	12/29/2018 2:23:00 AM	1,2-Diphenylhydrazine	n/a	<	0.5	µg/L	EPA 625	0.5	2	WKL	
MO-THO	2018/19-1	Wet	11/22/2018 10:26:00 AM	12/29/2018 2:23:00 AM	1,3-Dichlorobenzene	n/a	<	1.1	µg/L	EPA 625	1.1	2	WKL	
MO-THO	2018/19-1	Wet	11/22/2018 10:26:00 AM	12/29/2018 2:23:00 AM	1,4-Dichlorobenzene	n/a	<	1.1	µg/L	EPA 625	1.1	2	WKL	
MO-THO	2018/19-1	Wet	11/22/2018 10:26:00 AM	1/4/2019 9:09:00 AM	1-Methylnaphthalene	n/a	<	0.2	µg/L	EPA 8270C	0.2	0.2	WKL	
MO-THO	2018/19-1	Wet	11/22/2018 10:26:00 AM	1/2/2019 11:00:00 PM	2,4,5-Trichlorophenol	n/a	<	0.58	µg/L	EPA 8270C	0.58	2	WKL	
MO-THO	2018/19-1	Wet	11/22/2018 10:26:00 AM	12/29/2018 2:23:00 AM	2,4,6-Trichlorophenol	n/a	<	0.44	µg/L	EPA 625	0.44	2	WKL	
MO-THO	2018/19-1	Wet	11/22/2018 10:26:00 AM	1/2/2019 11:00:00 PM	2,4,6-Trichlorophenol	n/a	<	0.6	µg/L	EPA 8270C	0.6	2	WKL	
MO-THO	2018/19-1	Wet	11/22/2018 10:26:00 AM	1/2/2019 11:00:00 PM	2,4-Dichlorophenol	n/a	<	1	µg/L	EPA 8270C	1	2	WKL	
MO-THO	2018/19-1	Wet	11/22/2018 10:26:00 AM	12/29/2018 2:23:00 AM	2,4-Dichlorophenol	n/a	<	0.52	µg/L	EPA 625	0.52	2	WKL	
MO-THO	2018/19-1	Wet	11/22/2018 10:26:00 AM	12/29/2018 2:23:00 AM	2,4-Dimethylphenol	n/a	<	0.6	µg/L	EPA 625	0.6	2	WKL	
MO-THO	2018/19-1	Wet	11/22/2018 10:26:00 AM	1/2/2019 11:00:00 PM	2,4-Dimethylphenol	n/a	<	2	µg/L	EPA 8270C	2	4	WKL	
MO-THO	2018/19-1	Wet	11/22/2018 10:26:00 AM	12/29/2018 2:23:00 AM	2,4-Dinitrophenol	n/a	<	3.2	µg/L	EPA 625	3.2	20	WKL	
MO-THO	2018/19-1	Wet	11/22/2018 10:26:00 AM	1/2/2019 11:00:00 PM	2,4-Dinitrophenol	n/a	<	2	µg/L	EPA 8270C	2	4	WKL	EST
MO-THO	2018/19-1	Wet	11/22/2018 10:26:00 AM	12/29/2018 2:23:00 AM	2,4-Dinitrotoluene	n/a	<	0.36	µg/L	EPA 625	0.36	2	WKL	
MO-THO	2018/19-1	Wet	11/22/2018 10:26:00 AM	12/29/2018 2:23:00 AM	2,6-Dinitrotoluene	n/a	<	0.54	µg/L	EPA 625	0.54	2	WKL	

Appendix G
Laboratory Environmental Analysis Results

Site ID	Event	Event Type	Sample Date	Analysis Date	Constituent	Fraction	Sign	Result	Units	Method	MDL	Reporting Limit	Analyzing Laboratory	Qualifier
MO-THO	2018/19-1	Wet	11/22/2018 10:26:00 AM	12/29/2018 2:23:00 AM	2-Chloronaphthalene	n/a	<	0.9	µg/L	EPA 625	0.9	2	WKL	
MO-THO	2018/19-1	Wet	11/22/2018 10:26:00 AM	1/2/2019 11:00:00 PM	2-Chlorophenol	n/a	<	1.3	µg/L	EPA 8270C	1.3	2	WKL	
MO-THO	2018/19-1	Wet	11/22/2018 10:26:00 AM	12/29/2018 2:23:00 AM	2-Chlorophenol	n/a	<	0.56	µg/L	EPA 625	0.56	2	WKL	
MO-THO	2018/19-1	Wet	11/22/2018 10:26:00 AM	1/4/2019 9:09:00 AM	2-Methylnaphthalene	n/a	<	0.2	µg/L	EPA 8270C	0.2	0.2	WKL	
MO-THO	2018/19-1	Wet	11/22/2018 10:26:00 AM	1/2/2019 11:00:00 PM	2-Methylphenol	n/a	<	0.68	µg/L	EPA 8270C	0.68	2	WKL	
MO-THO	2018/19-1	Wet	11/22/2018 10:26:00 AM	12/29/2018 2:23:00 AM	2-Nitrophenol	n/a	<	0.52	µg/L	EPA 625	0.52	2	WKL	
MO-THO	2018/19-1	Wet	11/22/2018 10:26:00 AM	1/2/2019 11:00:00 PM	2-Nitrophenol	n/a	<	1.4	µg/L	EPA 8270C	1.4	2	WKL	
MO-THO	2018/19-1	Wet	11/22/2018 10:26:00 AM	12/29/2018 2:23:00 AM	3,3'-Dichlorobenzidine	n/a	<	2.4	µg/L	EPA 625	2.4	10	WKL	
MO-THO	2018/19-1	Wet	11/22/2018 10:26:00 AM	1/2/2019 11:00:00 PM	3-4-Methylphenol	n/a	<	0.6	µg/L	EPA 8270C	0.6	2	WKL	
MO-THO	2018/19-1	Wet	11/22/2018 10:26:00 AM	12/29/2018 2:23:00 AM	4,6-Dinitro-2-methylphenol	n/a	<	3.4	µg/L	EPA 625	3.4	10	WKL	
MO-THO	2018/19-1	Wet	11/22/2018 10:26:00 AM	1/2/2019 11:00:00 PM	4,6-Dinitro-2-methylphenol	n/a	<	0.28	µg/L	EPA 8270C	0.28	2	WKL	EST
MO-THO	2018/19-1	Wet	11/22/2018 10:26:00 AM	12/29/2018 2:23:00 AM	4-Bromophenyl phenyl ether	n/a	<	0.72	µg/L	EPA 625	0.72	2	WKL	
MO-THO	2018/19-1	Wet	11/22/2018 10:26:00 AM	1/2/2019 11:00:00 PM	4-Chloro-3-methylphenol	n/a	<	0.74	µg/L	EPA 8270C	0.74	2	WKL	
MO-THO	2018/19-1	Wet	11/22/2018 10:26:00 AM	12/29/2018 2:23:00 AM	4-Chloro-3-methylphenol	n/a	<	0.46	µg/L	EPA 625	0.46	2	WKL	
MO-THO	2018/19-1	Wet	11/22/2018 10:26:00 AM	12/29/2018 2:23:00 AM	4-Chlorophenyl phenyl ether	n/a	<	0.82	µg/L	EPA 625	0.82	2	WKL	
MO-THO	2018/19-1	Wet	11/22/2018 10:26:00 AM	12/29/2018 2:23:00 AM	4-Nitrophenol	n/a	<	0.9	µg/L	EPA 625	0.9	10	WKL	
MO-THO	2018/19-1	Wet	11/22/2018 10:26:00 AM	1/2/2019 11:00:00 PM	4-Nitrophenol	n/a	<	2	µg/L	EPA 8270C	2	4	WKL	EST
MO-THO	2018/19-1	Wet	11/22/2018 10:26:00 AM	12/29/2018 2:23:00 AM	Acenaphthene	n/a	<	0.76	µg/L	EPA 625	0.76	2	WKL	
MO-THO	2018/19-1	Wet	11/22/2018 10:26:00 AM	1/4/2019 9:09:00 AM	Acenaphthene	n/a	<	0.2	µg/L	EPA 8270C	0.2	0.2	WKL	
MO-THO	2018/19-1	Wet	11/22/2018 10:26:00 AM	12/29/2018 2:23:00 AM	Acenaphthylene	n/a	<	0.8	µg/L	EPA 625	0.8	2	WKL	
MO-THO	2018/19-1	Wet	11/22/2018 10:26:00 AM	1/4/2019 9:09:00 AM	Acenaphthylene	n/a	<	0.2	µg/L	EPA 8270C	0.2	0.2	WKL	
MO-THO	2018/19-1	Wet	11/22/2018 10:26:00 AM	12/29/2018 2:23:00 AM	Anthracene	n/a	<	0.68	µg/L	EPA 625	0.68	2	WKL	
MO-THO	2018/19-1	Wet	11/22/2018 10:26:00 AM	1/4/2019 9:09:00 AM	Anthracene	n/a	<	0.2	µg/L	EPA 8270C	0.2	0.2	WKL	
MO-THO	2018/19-1	Wet	11/22/2018 10:26:00 AM	1/4/2019 9:09:00 AM	Benz(a)anthracene	n/a	<	0.2	µg/L	EPA 8270C	0.2	0.2	WKL	
MO-THO	2018/19-1	Wet	11/22/2018 10:26:00 AM	12/29/2018 2:23:00 AM	Benz(a)anthracene	n/a	<	0.38	µg/L	EPA 625	0.38	2	WKL	
MO-THO	2018/19-1	Wet	11/22/2018 10:26:00 AM	12/29/2018 2:23:00 AM	Benzo(b)anthracene	n/a	<	7.3	µg/L	EPA 625	7.3	20	WKL	
MO-THO	2018/19-1	Wet	11/22/2018 10:26:00 AM	12/29/2018 2:23:00 AM	Benzo(a)pyrene	n/a	<	0.26	µg/L	EPA 625	0.26	2	WKL	
MO-THO	2018/19-1	Wet	11/22/2018 10:26:00 AM	1/4/2019 9:09:00 AM	Benzo(a)pyrene	n/a	<	0.2	µg/L	EPA 8270C	0.2	0.2	WKL	
MO-THO	2018/19-1	Wet	11/22/2018 10:26:00 AM	12/14/2018 12:43:00 PM	Benzo(a)pyrene	n/a	<	0.14	µg/L	EPA 525.2	0.14	0.2	WKL	
MO-THO	2018/19-1	Wet	11/22/2018 10:26:00 AM	12/29/2018 2:23:00 AM	Benzo(b)fluoranthene	n/a	<	0.28	µg/L	EPA 625	0.28	2	WKL	
MO-THO	2018/19-1	Wet	11/22/2018 10:26:00 AM	1/4/2019 9:09:00 AM	Benzo(b)fluoranthene	n/a	<	0.2	µg/L	EPA 8270C	0.2	0.2	WKL	
MO-THO	2018/19-1	Wet	11/22/2018 10:26:00 AM	12/29/2018 2:23:00 AM	Benzo(g,h,i)perylene	n/a	<	0.2	µg/L	EPA 625	0.2	4	WKL	
MO-THO	2018/19-1	Wet	11/22/2018 10:26:00 AM	1/4/2019 9:09:00 AM	Benzo(g,h,i)perylene	n/a	<	0.2	µg/L	EPA 8270C	0.2	0.2	WKL	
MO-THO	2018/19-1	Wet	11/22/2018 10:26:00 AM	12/29/2018 2:23:00 AM	Benzo(k)fluoranthene	n/a	<	0.44	µg/L	EPA 625	0.44	2	WKL	
MO-THO	2018/19-1	Wet	11/22/2018 10:26:00 AM	1/4/2019 9:09:00 AM	Benzo(k)fluoranthene	n/a	<	0.2	µg/L	EPA 8270C	0.2	0.2	WKL	
MO-THO	2018/19-1	Wet	11/22/2018 10:26:00 AM	12/29/2018 2:23:00 AM	Bis(2-chloroethoxy)methane	n/a	<	0.5	µg/L	EPA 625	0.5	2	WKL	
MO-THO	2018/19-1	Wet	11/22/2018 10:26:00 AM	12/29/2018 2:23:00 AM	Bis(2-chloroethyl)ether	n/a	<	0.54	µg/L	EPA 625	0.54	2	WKL	
MO-THO	2018/19-1	Wet	11/22/2018 10:26:00 AM	12/29/2018 2:23:00 AM	Bis(2-chloroisopropyl)ether	n/a	<	0.76	µg/L	EPA 625	0.76	2	WKL	
MO-THO	2018/19-1	Wet	11/22/2018 10:26:00 AM	12/14/2018 12:43:00 PM	Bis(2-ethylhexyl)adipate	n/a	<	0.21	µg/L	EPA 525.2	0.21	10	WKL	
MO-THO	2018/19-1	Wet	11/22/2018 10:26:00 AM	12/14/2018 12:43:00 PM	Bis(2-ethylhexyl)phthalate	n/a	<	2.1	µg/L	EPA 525.2	2.1	6	WKL	
MO-THO	2018/19-1	Wet	11/22/2018 10:26:00 AM	12/29/2018 2:23:00 AM	Bis(2-ethylhexyl)phthalate	n/a	<	4.6	µg/L	EPA 625	4.6	10	WKL	
MO-THO	2018/19-1	Wet	11/22/2018 10:26:00 AM	12/29/2018 2:23:00 AM	Butyl benzyl phthalate	n/a	<	0.36	µg/L	EPA 625	0.36	2	WKL	
MO-THO	2018/19-1	Wet	11/22/2018 10:26:00 AM	12/29/2018 2:23:00 AM	Chrysene	n/a	<	0.38	µg/L	EPA 625	0.38	2	WKL	
MO-THO	2018/19-1	Wet	11/22/2018 10:26:00 AM	1/4/2019 9:09:00 AM	Chrysene	n/a	<	0.2	µg/L	EPA 8270C	0.2	0.2	WKL	
MO-THO	2018/19-1	Wet	11/22/2018 10:26:00 AM	12/29/2018 2:23:00 AM	Dibenz(a,h)anthracene	n/a	<	0.16	µg/L	EPA 625	0.16	4	WKL	
MO-THO	2018/19-1	Wet	11/22/2018 10:26:00 AM	1/4/2019 9:09:00 AM	Dibenz(a,h)anthracene	n/a	<	0.2	µg/L	EPA 8270C	0.2	0.2	WKL	
MO-THO	2018/19-1	Wet	11/22/2018 10:26:00 AM	12/29/2018 2:23:00 AM	Diethyl phthalate	n/a	<	0.3	µg/L	EPA 625	0.3	2	WKL	
MO-THO	2018/19-1	Wet	11/22/2018 10:26:00 AM	12/29/2018 2:23:00 AM	Dimethyl phthalate	n/a	<	0.36	µg/L	EPA 625	0.36	2	WKL	

Appendix G
Laboratory Environmental Analysis Results

Site ID	Event	Event Type	Sample Date	Analysis Date	Constituent	Fraction	Sign	Result	Units	Method	MDL	Reporting Limit	Analyzing Laboratory	Qualifier
MO-THO	2018/19-1	Wet	11/22/2018 10:26:00 AM	12/29/2018 2:23:00 AM	Di-n-butylphthalate	n/a	<	0.48	µg/L	EPA 625	0.48	2	WKL	
MO-THO	2018/19-1	Wet	11/22/2018 10:26:00 AM	12/29/2018 2:23:00 AM	Di-n-octylphthalate	n/a	<	0.38	µg/L	EPA 625	0.38	2	WKL	
MO-THO	2018/19-1	Wet	11/22/2018 10:26:00 AM	1/4/2019 9:09:00 AM	Fluoranthene	n/a	<	0.2	µg/L	EPA 8270C	0.2	0.2	WKL	
MO-THO	2018/19-1	Wet	11/22/2018 10:26:00 AM	12/29/2018 2:23:00 AM	Fluoranthene	n/a	<	0.44	µg/L	EPA 625	0.44	2	WKL	
MO-THO	2018/19-1	Wet	11/22/2018 10:26:00 AM	12/29/2018 2:23:00 AM	Fluorene	n/a	<	0.7	µg/L	EPA 625	0.7	2	WKL	
MO-THO	2018/19-1	Wet	11/22/2018 10:26:00 AM	1/4/2019 9:09:00 AM	Fluorene	n/a	<	0.2	µg/L	EPA 8270C	0.2	0.2	WKL	
MO-THO	2018/19-1	Wet	11/22/2018 10:26:00 AM	12/29/2018 2:23:00 AM	Hexachlorobenzene	n/a	<	0.98	µg/L	EPA 625	0.98	2	WKL	
MO-THO	2018/19-1	Wet	11/22/2018 10:26:00 AM	12/29/2018 2:23:00 AM	Hexachlorobutadiene	n/a	<	0.94	µg/L	EPA 625	0.94	2	WKL	
MO-THO	2018/19-1	Wet	11/22/2018 10:26:00 AM	12/29/2018 2:23:00 AM	Hexachlorocyclopentadiene	n/a	<	2.9	µg/L	EPA 625	2.9	10	WKL	
MO-THO	2018/19-1	Wet	11/22/2018 10:26:00 AM	12/29/2018 2:23:00 AM	Hexachloroethane	n/a	<	1	µg/L	EPA 625	1	2	WKL	
MO-THO	2018/19-1	Wet	11/22/2018 10:26:00 AM	12/29/2018 2:23:00 AM	Indeno(1,2,3-cd)pyrene	n/a	<	0.24	µg/L	EPA 625	0.24	4	WKL	
MO-THO	2018/19-1	Wet	11/22/2018 10:26:00 AM	1/4/2019 9:09:00 AM	Indeno(1,2,3-cd)pyrene	n/a	<	0.2	µg/L	EPA 8270C	0.2	0.2	WKL	
MO-THO	2018/19-1	Wet	11/22/2018 10:26:00 AM	12/29/2018 2:23:00 AM	Isophorone	n/a	<	0.42	µg/L	EPA 625	0.42	2	WKL	
MO-THO	2018/19-1	Wet	11/22/2018 10:26:00 AM	12/29/2018 2:23:00 AM	Naphthalene	n/a	<	0.98	µg/L	EPA 625	0.98	2	WKL	
MO-THO	2018/19-1	Wet	11/22/2018 10:26:00 AM	1/4/2019 9:09:00 AM	Naphthalene	n/a	<	0.2	µg/L	EPA 8270C	0.2	0.2	WKL	
MO-THO	2018/19-1	Wet	11/22/2018 10:26:00 AM	12/29/2018 2:23:00 AM	Nitrobenzene	n/a	<	0.72	µg/L	EPA 625	0.72	2	WKL	
MO-THO	2018/19-1	Wet	11/22/2018 10:26:00 AM	12/29/2018 2:23:00 AM	N-Nitrosodimethylamine	n/a	<	0.28	µg/L	EPA 625	0.28	2	WKL	
MO-THO	2018/19-1	Wet	11/22/2018 10:26:00 AM	12/29/2018 2:23:00 AM	N-Nitrosodi-N-propylamine	n/a	<	0.52	µg/L	EPA 625	0.52	2	WKL	
MO-THO	2018/19-1	Wet	11/22/2018 10:26:00 AM	12/29/2018 2:23:00 AM	N-Nitrosodiphenylamine	n/a	<	0.38	µg/L	EPA 625	0.38	2	WKL	
MO-THO	2018/19-1	Wet	11/22/2018 10:26:00 AM	1/4/2019 9:09:00 AM	Phenanthrene	n/a	<	0.2	µg/L	EPA 8270C	0.2	0.2	WKL	
MO-THO	2018/19-1	Wet	11/22/2018 10:26:00 AM	12/29/2018 2:23:00 AM	Phenanthrene	n/a	<	0.64	µg/L	EPA 625	0.64	2	WKL	
MO-THO	2018/19-1	Wet	11/22/2018 10:26:00 AM	1/2/2019 11:00:00 PM	Phenol	n/a	<	0.7	µg/L	EPA 8270C	0.7	2	WKL	
MO-THO	2018/19-1	Wet	11/22/2018 10:26:00 AM	12/29/2018 2:23:00 AM	Phenol	n/a	<	0.32	µg/L	EPA 625	0.32	2	WKL	
MO-THO	2018/19-1	Wet	11/22/2018 10:26:00 AM	1/4/2019 9:09:00 AM	Pyrene	n/a	<	0.2	µg/L	EPA 8270C	0.2	0.2	WKL	
MO-THO	2018/19-1	Wet	11/22/2018 10:26:00 AM	12/29/2018 2:23:00 AM	Pyrene	n/a	<	0.5	µg/L	EPA 625	0.5	2	WKL	
MO-THO	2018/19-1	Wet	11/22/2018 10:26:00 AM	12/20/2018 8:18:00 AM	PCB Aroclor 1016	n/a	<	1	µg/L	EPA 608	1	10	WKL	
MO-THO	2018/19-1	Wet	11/22/2018 10:26:00 AM	12/20/2018 8:18:00 AM	PCB Aroclor 1221	n/a	<	1.2	µg/L	EPA 608	1.2	10	WKL	
MO-THO	2018/19-1	Wet	11/22/2018 10:26:00 AM	12/20/2018 8:18:00 AM	PCB Aroclor 1232	n/a	<	3	µg/L	EPA 608	3	10	WKL	
MO-THO	2018/19-1	Wet	11/22/2018 10:26:00 AM	12/20/2018 8:18:00 AM	PCB Aroclor 1242	n/a	<	1.4	µg/L	EPA 608	1.4	10	WKL	
MO-THO	2018/19-1	Wet	11/22/2018 10:26:00 AM	12/20/2018 8:18:00 AM	PCB Aroclor 1248	n/a	<	1.2	µg/L	EPA 608	1.2	10	WKL	
MO-THO	2018/19-1	Wet	11/22/2018 10:26:00 AM	12/20/2018 8:18:00 AM	PCB Aroclor 1254	n/a	<	0.8	µg/L	EPA 608	0.8	10	WKL	
MO-THO	2018/19-1	Wet	11/22/2018 10:26:00 AM	12/20/2018 8:18:00 AM	PCB Aroclor 1260	n/a	<	0.8	µg/L	EPA 608	0.8	10	WKL	
MO-THO	2018/19-1	Wet	11/22/2018 10:26:00 AM	12/15/2018 8:49:00 AM	2,4,5-T	n/a	<	0.07	µg/L	EPA 515.3	0.07	0.2	WKL	
MO-THO	2018/19-1	Wet	11/22/2018 10:26:00 AM	12/15/2018 8:49:00 AM	2,4,5-TP	n/a	<	0.09	µg/L	EPA 515.3	0.09	0.2	WKL	
MO-THO	2018/19-1	Wet	11/22/2018 10:26:00 AM	12/15/2018 8:49:00 AM	2,4-D	n/a	<	0.07	µg/L	EPA 515.3	0.07	0.4	WKL	
MO-THO	2018/19-1	Wet	11/22/2018 10:26:00 AM	12/15/2018 8:49:00 AM	2,4-DB	n/a	<	3	µg/L	EPA 515.3	3	3	WKL	
MO-THO	2018/19-1	Wet	11/22/2018 10:26:00 AM	12/15/2018 8:49:00 AM	3,5-Dichlorobenzoic acid	n/a	<	0.09	µg/L	EPA 515.3	0.09	1	WKL	
MO-THO	2018/19-1	Wet	11/22/2018 10:26:00 AM	12/20/2018 8:18:00 AM	4,4'-DDD	n/a	<	0.06	µg/L	EPA 608	0.06	1	WKL	
MO-THO	2018/19-1	Wet	11/22/2018 10:26:00 AM	12/20/2018 8:18:00 AM	4,4'-DDE	n/a	<	0.05	µg/L	EPA 608	0.05	1	WKL	
MO-THO	2018/19-1	Wet	11/22/2018 10:26:00 AM	12/20/2018 8:18:00 AM	4,4'-DDT	n/a	<	0.062	µg/L	EPA 608	0.062	0.2	WKL	
MO-THO	2018/19-1	Wet	11/22/2018 10:26:00 AM	12/15/2018 8:49:00 AM	Acifluorfen	n/a	<	0.06	µg/L	EPA 515.3	0.06	0.4	WKL	
MO-THO	2018/19-1	Wet	11/22/2018 10:26:00 AM	12/14/2018 12:43:00 PM	Alachlor	n/a	<	0.044	µg/L	EPA 525.2	0.044	0.2	WKL	
MO-THO	2018/19-1	Wet	11/22/2018 10:26:00 AM	12/20/2018 8:18:00 AM	Aldrin	n/a	<	0.03	µg/L	EPA 608	0.03	0.1	WKL	
MO-THO	2018/19-1	Wet	11/22/2018 10:26:00 AM	12/20/2018 8:18:00 AM	alpha-BHC	n/a	<	0.036	µg/L	EPA 608	0.036	0.2	WKL	
MO-THO	2018/19-1	Wet	11/22/2018 10:26:00 AM	12/20/2018 8:18:00 AM	alpha-Chlordane	n/a	<	0.082	µg/L	EPA 608	0.082	0.2	WKL	
MO-THO	2018/19-1	Wet	11/22/2018 10:26:00 AM	12/14/2018 12:43:00 PM	Atrazine	n/a	DNQ	0.1	µg/L	EPA 525.2	0.068	0.2	WKL	
MO-THO	2018/19-1	Wet	11/22/2018 10:26:00 AM	12/12/2018 9:00:00 AM	Azinphos methyl	n/a	<	0.011	µg/L	EPA 525.2m	0.011	0.02	WKL	
MO-THO	2018/19-1	Wet	11/22/2018 10:26:00 AM	12/15/2018 8:49:00 AM	Bentazon	n/a	<	0.11	µg/L	EPA 515.3	0.11	2	WKL	

Appendix G
Laboratory Environmental Analysis Results

Site ID	Event	Event Type	Sample Date	Analysis Date	Constituent	Fraction	Sign	Result	Units	Method	MDL	Reporting Limit	Analyzing Laboratory	Qualifier
MO-THO	2018/19-1	Wet	11/22/2018 10:26:00 AM	12/20/2018 8:18:00 AM	beta-BHC	n/a	<	0.062	µg/L	EPA 608	0.062	0.1	WKL	
MO-THO	2018/19-1	Wet	11/22/2018 10:26:00 AM	12/12/2018 9:00:00 AM	Bolstar	n/a	<	0.0092	µg/L	EPA 525.2m	0.0092	0.02	WKL	
MO-THO	2018/19-1	Wet	11/22/2018 10:26:00 AM	12/14/2018 12:43:00 PM	Bromacil	n/a	<	0.076	µg/L	EPA 525.2	0.076	2	WKL	
MO-THO	2018/19-1	Wet	11/22/2018 10:26:00 AM	12/14/2018 12:43:00 PM	Butachlor	n/a	<	0.034	µg/L	EPA 525.2	0.034	0.4	WKL	
MO-THO	2018/19-1	Wet	11/22/2018 10:26:00 AM	12/14/2018 12:43:00 PM	Captan	n/a	<	1.7	µg/L	EPA 525.2	1.7	2	WKL	
MO-THO	2018/19-1	Wet	11/22/2018 10:26:00 AM	12/20/2018 8:18:00 AM	Chlordane (technical)	n/a	<	1.6	µg/L	EPA 608	1.6	2	WKL	
MO-THO	2018/19-1	Wet	11/22/2018 10:26:00 AM	12/14/2018 12:43:00 PM	Chlorpropham	n/a	<	0.02	µg/L	EPA 525.2	0.02	0.2	WKL	
MO-THO	2018/19-1	Wet	11/22/2018 10:26:00 AM	12/12/2018 9:00:00 AM	Chlorpyrifos	n/a	<	0.014	µg/L	EPA 525.2m	0.014	0.02	WKL	
MO-THO	2018/19-1	Wet	11/22/2018 10:26:00 AM	12/12/2018 9:00:00 AM	Coumaphos	n/a	<	0.01	µg/L	EPA 525.2m	0.01	0.02	WKL	
MO-THO	2018/19-1	Wet	11/22/2018 10:26:00 AM	12/14/2018 12:43:00 PM	Cyanazine	n/a	<	0.048	µg/L	EPA 525.2	0.048	0.2	WKL	
MO-THO	2018/19-1	Wet	11/22/2018 10:26:00 AM	12/15/2018 8:49:00 AM	Dalapon	n/a	<	0.1	µg/L	EPA 515.3	0.1	0.4	WKL	
MO-THO	2018/19-1	Wet	11/22/2018 10:26:00 AM	12/15/2018 8:49:00 AM	DCPA (Dacthal)	n/a	<	0.07	µg/L	EPA 515.3	0.07	0.1	WKL	
MO-THO	2018/19-1	Wet	11/22/2018 10:26:00 AM	12/20/2018 8:18:00 AM	delta-BHC	n/a	<	0.05	µg/L	EPA 608	0.05	0.1	WKL	
MO-THO	2018/19-1	Wet	11/22/2018 10:26:00 AM	12/12/2018 9:00:00 AM	Demeton-O	n/a	<	0.02	µg/L	EPA 525.2m	0.02	0.02	WKL	
MO-THO	2018/19-1	Wet	11/22/2018 10:26:00 AM	12/12/2018 9:00:00 AM	Demeton-S	n/a	<	0.02	µg/L	EPA 525.2m	0.02	0.02	WKL	
MO-THO	2018/19-1	Wet	11/22/2018 10:26:00 AM	12/12/2018 9:00:00 AM	Diazinon	n/a	<	0.01	µg/L	EPA 525.2m	0.01	0.02	WKL	
MO-THO	2018/19-1	Wet	11/22/2018 10:26:00 AM	12/14/2018 12:43:00 PM	Diazinon	n/a	<	0.19	µg/L	EPA 525.2	0.19	0.2	WKL	
MO-THO	2018/19-1	Wet	11/22/2018 10:26:00 AM	12/15/2018 8:49:00 AM	Dicamba	n/a	<	0.12	µg/L	EPA 515.3	0.12	0.6	WKL	
MO-THO	2018/19-1	Wet	11/22/2018 10:26:00 AM	12/15/2018 8:49:00 AM	Dichlorprop	n/a	<	0.08	µg/L	EPA 515.3	0.08	0.3	WKL	
MO-THO	2018/19-1	Wet	11/22/2018 10:26:00 AM	12/12/2018 9:00:00 AM	Dichlorvos	n/a	<	0.0058	µg/L	EPA 525.2m	0.0058	0.02	WKL	
MO-THO	2018/19-1	Wet	11/22/2018 10:26:00 AM	12/20/2018 8:18:00 AM	Dieldrin	n/a	<	0.042	µg/L	EPA 608	0.042	0.2	WKL	
MO-THO	2018/19-1	Wet	11/22/2018 10:26:00 AM	12/14/2018 12:43:00 PM	Dimethoate	n/a	<	0.048	µg/L	EPA 525.2	0.048	0.4	WKL	
MO-THO	2018/19-1	Wet	11/22/2018 10:26:00 AM	12/12/2018 9:00:00 AM	Dimethoate	n/a	<	0.012	µg/L	EPA 525.2m	0.012	0.02	WKL	
MO-THO	2018/19-1	Wet	11/22/2018 10:26:00 AM	12/15/2018 8:49:00 AM	Dinoseb	n/a	<	0.14	µg/L	EPA 515.3	0.14	0.4	WKL	
MO-THO	2018/19-1	Wet	11/22/2018 10:26:00 AM	12/14/2018 12:43:00 PM	Diphenamid	n/a	<	0.048	µg/L	EPA 525.2	0.048	0.2	WKL	
MO-THO	2018/19-1	Wet	11/22/2018 10:26:00 AM	12/14/2018 12:43:00 PM	Disulfoton	n/a	<	0.062	µg/L	EPA 525.2	0.062	0.2	WKL	
MO-THO	2018/19-1	Wet	11/22/2018 10:26:00 AM	12/12/2018 9:00:00 AM	Disulfoton	n/a	<	0.02	µg/L	EPA 525.2m	0.02	0.02	WKL	
MO-THO	2018/19-1	Wet	11/22/2018 10:26:00 AM	12/20/2018 8:18:00 AM	Endosulfan I	n/a	<	0.034	µg/L	EPA 608	0.034	0.4	WKL	
MO-THO	2018/19-1	Wet	11/22/2018 10:26:00 AM	12/20/2018 8:18:00 AM	Endosulfan II	n/a	<	0.038	µg/L	EPA 608	0.038	0.2	WKL	
MO-THO	2018/19-1	Wet	11/22/2018 10:26:00 AM	12/20/2018 8:18:00 AM	Endosulfan sulfate	n/a	<	0.16	µg/L	EPA 608	0.16	1	WKL	
MO-THO	2018/19-1	Wet	11/22/2018 10:26:00 AM	12/20/2018 8:18:00 AM	Endrin	n/a	<	0.056	µg/L	EPA 608	0.056	0.2	WKL	
MO-THO	2018/19-1	Wet	11/22/2018 10:26:00 AM	12/20/2018 8:18:00 AM	Endrin aldehyde	n/a	<	0.06	µg/L	EPA 608	0.06	0.2	WKL	
MO-THO	2018/19-1	Wet	11/22/2018 10:26:00 AM	12/14/2018 12:43:00 PM	EPTC	n/a	<	0.034	µg/L	EPA 525.2	0.034	2	WKL	
MO-THO	2018/19-1	Wet	11/22/2018 10:26:00 AM	12/12/2018 9:00:00 AM	Ethoprop	n/a	<	0.013	µg/L	EPA 525.2m	0.013	0.02	WKL	
MO-THO	2018/19-1	Wet	11/22/2018 10:26:00 AM	12/12/2018 9:00:00 AM	Ethyl parathion	n/a	<	0.011	µg/L	EPA 525.2m	0.011	0.02	WKL	
MO-THO	2018/19-1	Wet	11/22/2018 10:26:00 AM	12/12/2018 9:00:00 AM	Fensulfothion	n/a	<	0.0058	µg/L	EPA 525.2m	0.0058	0.02	WKL	
MO-THO	2018/19-1	Wet	11/22/2018 10:26:00 AM	12/12/2018 9:00:00 AM	Fenthion	n/a	<	0.0076	µg/L	EPA 525.2m	0.0076	0.02	WKL	
MO-THO	2018/19-1	Wet	11/22/2018 10:26:00 AM	12/20/2018 8:18:00 AM	gamma-BHC (Lindane)	n/a	<	0.042	µg/L	EPA 608	0.042	0.4	WKL	
MO-THO	2018/19-1	Wet	11/22/2018 10:26:00 AM	12/20/2018 8:18:00 AM	gamma-Chlordane	n/a	<	0.088	µg/L	EPA 608	0.088	0.2	WKL	
MO-THO	2018/19-1	Wet	11/22/2018 10:26:00 AM	11/29/2018 1:29:00 AM	Glyphosate	n/a	=	80	µg/L	EPA 547	18	50	WKL	
MO-THO	2018/19-1	Wet	11/22/2018 10:26:00 AM	12/20/2018 8:18:00 AM	Heptachlor	n/a	<	0.034	µg/L	EPA 608	0.034	0.2	WKL	
MO-THO	2018/19-1	Wet	11/22/2018 10:26:00 AM	12/20/2018 8:18:00 AM	Heptachlor epoxide	n/a	<	0.038	µg/L	EPA 608	0.038	0.2	WKL	
MO-THO	2018/19-1	Wet	11/22/2018 10:26:00 AM	12/12/2018 9:00:00 AM	Malathion	n/a	<	0.015	µg/L	EPA 525.2m	0.015	0.02	WKL	
MO-THO	2018/19-1	Wet	11/22/2018 10:26:00 AM	12/12/2018 9:00:00 AM	Merphos	n/a	<	0.012	µg/L	EPA 525.2m	0.012	0.02	WKL	
MO-THO	2018/19-1	Wet	11/22/2018 10:26:00 AM	12/20/2018 8:18:00 AM	Methoxychlor	n/a	<	0.11	µg/L	EPA 608	0.11	0.4	WKL	
MO-THO	2018/19-1	Wet	11/22/2018 10:26:00 AM	12/12/2018 9:00:00 AM	Methyl parathion	n/a	<	0.013	µg/L	EPA 525.2m	0.013	0.02	WKL	
MO-THO	2018/19-1	Wet	11/22/2018 10:26:00 AM	12/14/2018 12:43:00 PM	Metolachlor	n/a	<	0.024	µg/L	EPA 525.2	0.024	0.2	WKL	
MO-THO	2018/19-1	Wet	11/22/2018 10:26:00 AM	12/14/2018 12:43:00 PM	Metribuzin	n/a	<	0.3	µg/L	EPA 525.2	0.3	0.3	WKL	

Appendix G
Laboratory Environmental Analysis Results

Site ID	Event	Event Type	Sample Date	Analysis Date	Constituent	Fraction	Sign	Result	Units	Method	MDL	Reporting Limit	Analyzing Laboratory	Qualifier
MO-THO	2018/19-1	Wet	11/22/2018 10:26:00 AM	12/12/2018 9:00:00 AM	Mevinphos	n/a	<	0.0084	µg/L	EPA 525.2m	0.0084	0.02	WKL	
MO-THO	2018/19-1	Wet	11/22/2018 10:26:00 AM	12/14/2018 12:43:00 PM	Molinate	n/a	<	0.078	µg/L	EPA 525.2	0.078	0.02	WKL	
MO-THO	2018/19-1	Wet	11/22/2018 10:26:00 AM	12/12/2018 9:00:00 AM	Naled	n/a	<	0.015	µg/L	EPA 525.2m	0.015	0.02	WKL	
MO-THO	2018/19-1	Wet	11/22/2018 10:26:00 AM	12/15/2018 8:49:00 AM	Pentachlorophenol	n/a	<	0.04	µg/L	EPA 515.3	0.04	0.2	WKL	
MO-THO	2018/19-1	Wet	11/22/2018 10:26:00 AM	12/29/2018 2:23:00 AM	Pentachlorophenol	n/a	<	0.38	µg/L	EPA 625	0.38	2	WKL	
MO-THO	2018/19-1	Wet	11/22/2018 10:26:00 AM	1/2/2019 11:00:00 PM	Pentachlorophenol	n/a	<	0.3	µg/L	EPA 8270C	0.3	2	WKL	EST
MO-THO	2018/19-1	Wet	11/22/2018 10:26:00 AM	12/12/2018 9:00:00 AM	Phorate	n/a	<	0.006	µg/L	EPA 525.2m	0.006	0.02	WKL	
MO-THO	2018/19-1	Wet	11/22/2018 10:26:00 AM	12/15/2018 8:49:00 AM	Picloram	n/a	<	0.05	µg/L	EPA 515.3	0.05	0.6	WKL	
MO-THO	2018/19-1	Wet	11/22/2018 10:26:00 AM	12/14/2018 12:43:00 PM	Prometon	n/a	<	0.048	µg/L	EPA 525.2	0.048	0.4	WKL	
MO-THO	2018/19-1	Wet	11/22/2018 10:26:00 AM	12/14/2018 12:43:00 PM	Prometryn	n/a	<	0.072	µg/L	EPA 525.2	0.072	0.2	WKL	
MO-THO	2018/19-1	Wet	11/22/2018 10:26:00 AM	12/12/2018 9:00:00 AM	Ronnel (Fenchlorphos)	n/a	<	0.0082	µg/L	EPA 525.2m	0.0082	0.02	WKL	
MO-THO	2018/19-1	Wet	11/22/2018 10:26:00 AM	12/14/2018 12:43:00 PM	Simazine	n/a	<	0.03	µg/L	EPA 525.2	0.03	0.2	WKL	
MO-THO	2018/19-1	Wet	11/22/2018 10:26:00 AM	12/12/2018 9:00:00 AM	Stirophos (Tetrachlorvinphos)	n/a	<	0.0062	µg/L	EPA 525.2m	0.0062	0.02	WKL	
MO-THO	2018/19-1	Wet	11/22/2018 10:26:00 AM	12/14/2018 12:43:00 PM	Terbacil	n/a	<	1.1	µg/L	EPA 525.2	1.1	4	WKL	
MO-THO	2018/19-1	Wet	11/22/2018 10:26:00 AM	12/14/2018 12:43:00 PM	Thiobencarb	n/a	<	0.05	µg/L	EPA 525.2	0.05	0.4	WKL	
MO-THO	2018/19-1	Wet	11/22/2018 10:26:00 AM	12/12/2018 9:00:00 AM	Tokuthion	n/a	<	0.016	µg/L	EPA 525.2m	0.016	0.02	WKL	
MO-THO	2018/19-1	Wet	11/22/2018 10:26:00 AM	12/20/2018 8:18:00 AM	Toxaphene	n/a	<	2.4	µg/L	EPA 608	2.4	10	WKL	
MO-THO	2018/19-1	Wet	11/22/2018 10:26:00 AM	12/12/2018 9:00:00 AM	Trichloronate	n/a	<	0.013	µg/L	EPA 525.2m	0.013	0.02	WKL	
MO-THO	2018/19-1	Wet	11/22/2018 10:26:00 AM	12/14/2018 12:43:00 PM	Trithion	n/a	<	0.024	µg/L	EPA 525.2	0.024	0.2	WKL	
MO-THO	2018/19-1	Wet	11/22/2018 10:30:00 AM	11/22/2018 10:30:00 AM	Conductivity	n/a	=	822	µmhos/cm	Field Meter	-88	1	Field Crew	
MO-THO	2018/19-1	Wet	11/22/2018 10:30:00 AM	11/22/2018 10:30:00 AM	DO	n/a	=	83.1	%	Field Meter	-88	0.1	Field Crew	
MO-THO	2018/19-1	Wet	11/22/2018 10:30:00 AM	11/22/2018 10:30:00 AM	DO	n/a	=	8.33	mg/L	Field Meter	-88	0.3	Field Crew	
MO-THO	2018/19-1	Wet	11/22/2018 10:30:00 AM	11/22/2018 10:30:00 AM	pH	n/a	=	7.36	pH Units	Field Meter	-88	0.01	Field Crew	
MO-THO	2018/19-1	Wet	11/22/2018 10:30:00 AM	11/22/2018 10:30:00 AM	Salinity	n/a	=	500	mg/L	Field Meter	-88	100	Field Crew	
MO-THO	2018/19-1	Wet	11/22/2018 10:30:00 AM	11/22/2018 10:30:00 AM	Specific Conductance	n/a	=	1013	µmhos/cm	Field Meter	-88	1	Field Crew	
MO-THO	2018/19-1	Wet	11/22/2018 10:30:00 AM	11/22/2018 10:30:00 AM	Temperature	n/a	=	15.1	°C	Field Meter	-88	0.1	Field Crew	
MO-THO	2018/19-2	Wet	11/29/2018 2:15:00 PM	11/30/2018 9:30:00 AM	E. Coli	n/a	=	8164	MPN/100 mL	MMO-MUG	10	10	VCHCA	
MO-THO	2018/19-2	Wet	11/29/2018 2:15:00 PM	11/30/2018 9:30:00 AM	Total Coliform	n/a	=	241960	MPN/100 mL	MMO-MUG	100	100	VCHCA	
MO-THO	2018/19-2	Wet	11/29/2018 2:15:00 PM	11/29/2018 2:15:00 PM	Conductivity	n/a	=	403.7	µmhos/cm	Field Meter	-88	1	Field Crew	
MO-THO	2018/19-2	Wet	11/29/2018 2:15:00 PM	12/13/2018	Cyanide	Total	=	0.0023	mg/L	ASTM D7511	0.0005	0.002	WKL	
MO-THO	2018/19-2	Wet	11/29/2018 2:15:00 PM	11/29/2018 2:15:00 PM	DO	n/a	=	8.66	mg/L	Field Meter	-88	0.3	Field Crew	
MO-THO	2018/19-2	Wet	11/29/2018 2:15:00 PM	11/29/2018 2:15:00 PM	DO	n/a	=	86.2	%	Field Meter	-88	0.1	Field Crew	
MO-THO	2018/19-2	Wet	11/29/2018 2:15:00 PM	11/29/2018 2:15:00 PM	pH	n/a	=	7.69	pH Units	Field Meter	-88	0.01	Field Crew	
MO-THO	2018/19-2	Wet	11/29/2018 2:15:00 PM	11/29/2018 2:15:00 PM	Salinity	n/a	=	200	mg/L	Field Meter	-88	100	Field Crew	
MO-THO	2018/19-2	Wet	11/29/2018 2:15:00 PM	11/29/2018 2:15:00 PM	Specific Conductance	n/a	=	497.7	µmhos/cm	Field Meter	-88	1	Field Crew	
MO-THO	2018/19-2	Wet	11/29/2018 2:15:00 PM	11/29/2018 2:15:00 PM	Temperature	n/a	=	15.1	°C	Field Meter	-88	0.1	Field Crew	
MO-THO	2018/19-2	Wet	11/29/2018 2:15:00 PM	12/1/2018 11:39:00 AM	Gasoline Range Organics	n/a	<	0.012	mg/L	LUFT GC/MS	0.012	0.1	WKL	
MO-THO	2018/19-2	Wet	11/29/2018 2:15:00 PM	12/21/2018 10:41:00 AM	Oil and Grease	n/a	<	1.3	mg/L	EPA 1664A	1.3	5	WKL	
MO-THO	2018/19-2	Wet	11/29/2018 2:15:00 PM	12/4/2018 7:11:00 AM	2-Chloroethyl vinyl ether	n/a	<	0.28	µg/L	EPA 624	0.28	1	WKL	
MO-THO	2018/19-2	Wet	11/29/2018 2:15:00 PM	12/4/2018 7:11:00 AM	Methyl tert-butyl ether (MTBE)	n/a	<	0.25	µg/L	EPA 624	0.25	1	WKL	
MO-THO	2018/19-2	Wet	11/30/2018 6:10:00 AM	12/4/2018	Chloride	n/a	=	130	mg/L	EPA 300.0	0.2	1	WKL	
MO-THO	2018/19-2	Wet	11/30/2018 6:10:00 AM	12/4/2018	Fluoride	n/a	=	0.21	mg/L	EPA 300.0	0.04	0.2	WKL	
MO-THO	2018/19-2	Wet	11/30/2018 6:10:00 AM	12/2/2018 7:47:00 AM	Perchlorate	n/a	<	0.95	µg/L	EPA 314.0	0.95	2	WKL	
MO-THO	2018/19-2	Wet	11/30/2018 6:10:00 AM	12/4/2018	Sulfate	Total	=	170	mg/L	EPA 300.0	0.2	1	WKL	
MO-THO	2018/19-2	Wet	11/30/2018 6:10:00 AM	12/11/2018 1:18:00 PM	Calcium	Total	=	71.4	mg/L	EPA 200.7	0.016	0.1	WKL	
MO-THO	2018/19-2	Wet	11/30/2018 6:10:00 AM	12/11/2018 1:18:00 PM	Magnesium	Total	=	53.8	mg/L	EPA 200.7	0.012	0.1	WKL	
MO-THO	2018/19-2	Wet	11/30/2018 6:10:00 AM	12/11/2018 1:18:00 PM	Potassium	Total	=	4.9	mg/L	EPA 200.7	0.081	0.1	WKL	
MO-THO	2018/19-2	Wet	11/30/2018 6:10:00 AM	12/11/2018 1:18:00 PM	Sodium	Total	=	83	mg/L	EPA 200.7	0.015	0.5	WKL	

Appendix G
Laboratory Environmental Analysis Results

Site ID	Event	Event Type	Sample Date	Analysis Date	Constituent	Fraction	Sign	Result	Units	Method	MDL	Reporting Limit	Analyzing Laboratory	Qualifier
MO-THO	2018/19-2	Wet	11/30/2018 6:10:00 AM	12/11/2018 12:20:00 PM	Alkalinity as CaCO3	n/a	=	200	mg/L	SM 2320 B	0.56	2	WKL	
MO-THO	2018/19-2	Wet	11/30/2018 6:10:00 AM	12/6/2018 2:30:00 PM	BOD	n/a	=	8.1	mg/L	SM 5210 B	2	2	WKL	
MO-THO	2018/19-2	Wet	11/30/2018 6:10:00 AM	12/5/2018 4:19:00 PM	COD	n/a	=	68	mg/L	EPA 410.4	0.73	5	WKL	
MO-THO	2018/19-2	Wet	11/30/2018 6:10:00 AM	12/20/2018 9:28:00 AM	Dissolved Inorganic Carbon	Dissolved	=	54	mg/L	SM 5310 B	0.016	0.5	WKL	
MO-THO	2018/19-2	Wet	11/30/2018 6:10:00 AM	12/18/2018 1:32:00 PM	Dissolved Organic Carbon	Dissolved	=	9.8	mg/L	SM 5310 B	0.013	0.3	WKL	
MO-THO	2018/19-2	Wet	11/30/2018 6:10:00 AM	12/11/2018 1:18:00 PM	Hardness as CaCO3	Total	=	400	mg/L	EPA 200.7	0.0894	0.662	WKL	
MO-THO	2018/19-2	Wet	11/30/2018 6:10:00 AM	12/1/2018 7:40:00 PM	MBAS	n/a	DNQ	0.047	mg/L	SM 5540 C	0.019	0.05	WKL	
MO-THO	2018/19-2	Wet	11/30/2018 6:10:00 AM	12/19/2018 5:56:00 PM	Phenolics	n/a	=	0.018	mg/L	EPA 420.4	0.0042	0.01	WKL	
MO-THO	2018/19-2	Wet	11/30/2018 6:10:00 AM	12/12/2018 5:17:00 PM	Specific Conductance	n/a	=	1100	µmhos/cm	SM 2510 B	0.23	2	WKL	
MO-THO	2018/19-2	Wet	11/30/2018 6:10:00 AM	12/1/2018 10:20:00 PM	Total Chlorine Residual	n/a	DNQ	0.041	mg/L	SM 4500-Cl G	0.0015	0.05	WKL	EST-HT
MO-THO	2018/19-2	Wet	11/30/2018 6:10:00 AM	12/6/2018 5:33:00 PM	Total Dissolved Solids	n/a	=	580	mg/L	SM 2540 C	4	10	WKL	
MO-THO	2018/19-2	Wet	11/30/2018 6:10:00 AM	12/12/2018 12:06:00 PM	Total Organic Carbon	n/a	=	11	mg/L	SM 5310 B	0.009	0.3	WKL	
MO-THO	2018/19-2	Wet	11/30/2018 6:10:00 AM	12/6/2018 8:30:00 PM	Total Suspended Solids	n/a	=	260	mg/L	SM 2540 D	-88	5	WKL	
MO-THO	2018/19-2	Wet	11/30/2018 6:10:00 AM	11/30/2018 5:37:00 PM	Turbidity	n/a	=	18	NTU	EPA 180.1	0.024	0.1	WKL	
MO-THO	2018/19-2	Wet	11/30/2018 6:10:00 AM	12/6/2018 8:30:00 PM	Volatile Suspended Solids	n/a	=	69	mg/L	EPA 160.4	3.1	5	WKL	
MO-THO	2018/19-2	Wet	11/30/2018 6:10:00 AM	12/19/2018 5:01:00 AM	Diesel Range Organics	n/a	=	0.11	mg/L	EPA 8015D	0.024	0.1	WKL	
MO-THO	2018/19-2	Wet	11/30/2018 6:10:00 AM	12/19/2018 5:01:00 AM	Oil Range Organics	n/a	<	0.33	mg/L	EPA 8015D	0.33	0.5	WKL	
MO-THO	2018/19-2	Wet	11/30/2018 6:10:00 AM	12/12/2018 6:10:00 AM	Aluminum	Dissolved	=	8.2	µg/L	EPA 200.8	1.3	5	WKL	UL-MB
MO-THO	2018/19-2	Wet	11/30/2018 6:10:00 AM	12/12/2018 2:32:00 PM	Aluminum	Total	=	3300	µg/L	EPA 200.8	1.3	5	WKL	HB-MSR
MO-THO	2018/19-2	Wet	11/30/2018 6:10:00 AM	12/12/2018 1:30:00 PM	Antimony	Dissolved	DNQ	0.49	µg/L	EPA 200.8	0.045	0.5	WKL	
MO-THO	2018/19-2	Wet	11/30/2018 6:10:00 AM	12/12/2018 2:32:00 PM	Antimony	Total	=	0.55	µg/L	EPA 200.8	0.045	0.5	WKL	
MO-THO	2018/19-2	Wet	11/30/2018 6:10:00 AM	12/12/2018 1:30:00 PM	Arsenic	Dissolved	=	2.2	µg/L	EPA 200.8	0.074	0.4	WKL	
MO-THO	2018/19-2	Wet	11/30/2018 6:10:00 AM	12/12/2018 2:32:00 PM	Arsenic	Total	=	3.1	µg/L	EPA 200.8	0.074	0.4	WKL	
MO-THO	2018/19-2	Wet	11/30/2018 6:10:00 AM	12/12/2018 2:32:00 PM	Barium	Total	=	37	µg/L	EPA 200.8	0.071	0.5	WKL	
MO-THO	2018/19-2	Wet	11/30/2018 6:10:00 AM	12/12/2018 1:30:00 PM	Beryllium	Dissolved	<	0.033	µg/L	EPA 200.8	0.033	0.1	WKL	
MO-THO	2018/19-2	Wet	11/30/2018 6:10:00 AM	12/12/2018 2:32:00 PM	Beryllium	Total	DNQ	0.091	µg/L	EPA 200.8	0.033	0.1	WKL	
MO-THO	2018/19-2	Wet	11/30/2018 6:10:00 AM	12/12/2018 1:30:00 PM	Cadmium	Dissolved	<	0.041	µg/L	EPA 200.8	0.041	0.1	WKL	
MO-THO	2018/19-2	Wet	11/30/2018 6:10:00 AM	12/12/2018 2:32:00 PM	Cadmium	Total	=	0.34	µg/L	EPA 200.8	0.041	0.1	WKL	
MO-THO	2018/19-2	Wet	11/30/2018 6:10:00 AM	12/12/2018 1:30:00 PM	Chromium	Dissolved	=	0.32	µg/L	EPA 200.8	0.035	0.2	WKL	
MO-THO	2018/19-2	Wet	11/30/2018 6:10:00 AM	12/12/2018 2:32:00 PM	Chromium	Total	=	9.9	µg/L	EPA 200.8	0.035	0.2	WKL	
MO-THO	2018/19-2	Wet	11/30/2018 6:10:00 AM	12/13/2018 3:53:00 PM	Chromium VI	n/a	=	0.39	µg/L	EPA 218.6	0.048	0.2	WKL	
MO-THO	2018/19-2	Wet	11/30/2018 6:10:00 AM	12/12/2018 1:30:00 PM	Copper	Dissolved	=	3	µg/L	EPA 200.8	0.13	0.5	WKL	
MO-THO	2018/19-2	Wet	11/30/2018 6:10:00 AM	12/12/2018 2:32:00 PM	Copper	Total	=	15	µg/L	EPA 200.8	0.13	0.5	WKL	
MO-THO	2018/19-2	Wet	11/30/2018 6:10:00 AM	12/11/2018 12:40:00 PM	Iron	Dissolved	=	43	µg/L	EPA 200.7	1.1	10	WKL	
MO-THO	2018/19-2	Wet	11/30/2018 6:10:00 AM	12/11/2018 1:18:00 PM	Iron	Total	=	4900	µg/L	EPA 200.7	1.1	10	WKL	
MO-THO	2018/19-2	Wet	11/30/2018 6:10:00 AM	12/12/2018 1:30:00 PM	Lead	Dissolved	=	0.2	µg/L	EPA 200.8	0.031	0.2	WKL	
MO-THO	2018/19-2	Wet	11/30/2018 6:10:00 AM	12/12/2018 2:32:00 PM	Lead	Total	=	3.3	µg/L	EPA 200.8	0.031	0.2	WKL	
MO-THO	2018/19-2	Wet	11/30/2018 6:10:00 AM	12/10/2018 2:30:00 PM	Mercury	Dissolved	<	17	ng/L	EPA 245.1	17	50	WKL	
MO-THO	2018/19-2	Wet	11/30/2018 6:10:00 AM	12/10/2018 2:32:00 PM	Mercury	Total	DNQ	20	ng/L	EPA 245.1	17	50	WKL	
MO-THO	2018/19-2	Wet	11/30/2018 6:10:00 AM	12/12/2018 1:30:00 PM	Nickel	Dissolved	=	3.1	µg/L	EPA 200.8	0.045	0.8	WKL	
MO-THO	2018/19-2	Wet	11/30/2018 6:10:00 AM	12/12/2018 2:32:00 PM	Nickel	Total	=	13	µg/L	EPA 200.8	0.045	0.8	WKL	
MO-THO	2018/19-2	Wet	11/30/2018 6:10:00 AM	12/12/2018 6:10:00 AM	Selenium	Dissolved	=	0.73	µg/L	EPA 200.8	0.14	0.4	WKL	
MO-THO	2018/19-2	Wet	11/30/2018 6:10:00 AM	12/12/2018 2:32:00 PM	Selenium	Total	=	1.2	µg/L	EPA 200.8	0.14	0.4	WKL	
MO-THO	2018/19-2	Wet	11/30/2018 6:10:00 AM	12/12/2018 1:30:00 PM	Silver	Dissolved	<	0.062	µg/L	EPA 200.8	0.062	0.2	WKL	
MO-THO	2018/19-2	Wet	11/30/2018 6:10:00 AM	12/12/2018 2:32:00 PM	Silver	Total	<	0.062	µg/L	EPA 200.8	0.062	0.2	WKL	
MO-THO	2018/19-2	Wet	11/30/2018 6:10:00 AM	12/12/2018 1:30:00 PM	Thallium	Dissolved	<	0.014	µg/L	EPA 200.8	0.014	0.2	WKL	
MO-THO	2018/19-2	Wet	11/30/2018 6:10:00 AM	12/12/2018 2:32:00 PM	Thallium	Total	DNQ	0.044	µg/L	EPA 200.8	0.014	0.2	WKL	
MO-THO	2018/19-2	Wet	11/30/2018 6:10:00 AM	12/12/2018 1:30:00 PM	Zinc	Dissolved	=	5.1	µg/L	EPA 200.8	0.94	5	WKL	UL-MB

Appendix G
Laboratory Environmental Analysis Results

Site ID	Event	Event Type	Sample Date	Analysis Date	Constituent	Fraction	Sign	Result	Units	Method	MDL	Reporting Limit	Analyzing Laboratory	Qualifier
MO-THO	2018/19-2	Wet	11/30/2018 6:10:00 AM	12/12/2018 2:32:00 PM	Zinc	Total	=	52	µg/L	EPA 200.8	0.94	5	WKL	
MO-THO	2018/19-2	Wet	11/30/2018 6:10:00 AM	12/6/2018 6:08:00 PM	Ammonia as N	n/a	DNQ	0.069	mg/L	EPA 350.1	0.048	0.1	WKL	
MO-THO	2018/19-2	Wet	11/30/2018 6:10:00 AM	12/21/2018 11:25:00 AM	Nitrate + Nitrite as N	n/a	=	0.47	mg/L	EPA 353.2	0.083	0.2	WKL	
MO-THO	2018/19-2	Wet	11/30/2018 6:10:00 AM	1/17/2019 5:38:00 PM	Phosphorus as P	Dissolved	=	0.17	mg/L	EPA 200.7	0.012	0.02	WKL	
MO-THO	2018/19-2	Wet	11/30/2018 6:10:00 AM	1/17/2019 5:41:00 PM	Phosphorus as P	Total	=	0.53	mg/L	EPA 200.7	0.012	0.02	WKL	
MO-THO	2018/19-2	Wet	11/30/2018 6:10:00 AM	12/18/2018 3:13:00 PM	TKN	n/a	=	0.67	mg/L	EPA 351.2	0.05	0.1	WKL	
MO-THO	2018/19-2	Wet	11/30/2018 6:10:00 AM	1/7/2019 5:27:00 AM	1,2,4-Trichlorobenzene	n/a	<	1.1	µg/L	EPA 625	1.1	2	WKL	
MO-THO	2018/19-2	Wet	11/30/2018 6:10:00 AM	1/7/2019 5:27:00 AM	1,2-Dichlorobenzene	n/a	<	1.1	µg/L	EPA 625	1.1	2	WKL	
MO-THO	2018/19-2	Wet	11/30/2018 6:10:00 AM	1/7/2019 5:27:00 AM	1,2-Diphenylhydrazine	n/a	<	0.5	µg/L	EPA 625	0.5	2	WKL	
MO-THO	2018/19-2	Wet	11/30/2018 6:10:00 AM	1/7/2019 5:27:00 AM	1,3-Dichlorobenzene	n/a	<	1.1	µg/L	EPA 625	1.1	2	WKL	
MO-THO	2018/19-2	Wet	11/30/2018 6:10:00 AM	1/7/2019 5:27:00 AM	1,4-Dichlorobenzene	n/a	<	1.1	µg/L	EPA 625	1.1	2	WKL	
MO-THO	2018/19-2	Wet	11/30/2018 6:10:00 AM	1/12/2019 1:50:00 AM	1-Methylnaphthalene	n/a	<	1	µg/L	EPA 8270C	1	1	WKL	
MO-THO	2018/19-2	Wet	11/30/2018 6:10:00 AM	1/11/2019 6:01:00 AM	2,4,5-Trichlorophenol	n/a	<	2.9	µg/L	EPA 8270C	2.9	10	WKL	
MO-THO	2018/19-2	Wet	11/30/2018 6:10:00 AM	1/7/2019 5:27:00 AM	2,4,6-Trichlorophenol	n/a	<	0.44	µg/L	EPA 625	0.44	2	WKL	
MO-THO	2018/19-2	Wet	11/30/2018 6:10:00 AM	1/11/2019 6:01:00 AM	2,4,6-Trichlorophenol	n/a	<	3	µg/L	EPA 8270C	3	10	WKL	
MO-THO	2018/19-2	Wet	11/30/2018 6:10:00 AM	1/7/2019 5:27:00 AM	2,4-Dichlorophenol	n/a	<	0.52	µg/L	EPA 625	0.52	2	WKL	
MO-THO	2018/19-2	Wet	11/30/2018 6:10:00 AM	1/11/2019 6:01:00 AM	2,4-Dichlorophenol	n/a	<	5.1	µg/L	EPA 8270C	5.1	10	WKL	
MO-THO	2018/19-2	Wet	11/30/2018 6:10:00 AM	1/11/2019 6:01:00 AM	2,4-Dimethylphenol	n/a	<	10	µg/L	EPA 8270C	10	20	WKL	
MO-THO	2018/19-2	Wet	11/30/2018 6:10:00 AM	1/7/2019 5:27:00 AM	2,4-Dimethylphenol	n/a	<	0.6	µg/L	EPA 625	0.6	2	WKL	
MO-THO	2018/19-2	Wet	11/30/2018 6:10:00 AM	1/11/2019 6:01:00 AM	2,4-Dinitrophenol	n/a	<	10	µg/L	EPA 8270C	10	20	WKL	
MO-THO	2018/19-2	Wet	11/30/2018 6:10:00 AM	1/7/2019 5:27:00 AM	2,4-Dinitrophenol	n/a	<	3.2	µg/L	EPA 625	3.2	20	WKL	
MO-THO	2018/19-2	Wet	11/30/2018 6:10:00 AM	1/7/2019 5:27:00 AM	2,4-Dinitrotoluene	n/a	<	0.36	µg/L	EPA 625	0.36	2	WKL	
MO-THO	2018/19-2	Wet	11/30/2018 6:10:00 AM	1/7/2019 5:27:00 AM	2,6-Dinitrotoluene	n/a	<	0.54	µg/L	EPA 625	0.54	2	WKL	
MO-THO	2018/19-2	Wet	11/30/2018 6:10:00 AM	1/7/2019 5:27:00 AM	2-Chloronaphthalene	n/a	<	0.9	µg/L	EPA 625	0.9	2	WKL	
MO-THO	2018/19-2	Wet	11/30/2018 6:10:00 AM	1/7/2019 5:27:00 AM	2-Chlorophenol	n/a	<	0.56	µg/L	EPA 625	0.56	2	WKL	
MO-THO	2018/19-2	Wet	11/30/2018 6:10:00 AM	1/11/2019 6:01:00 AM	2-Chlorophenol	n/a	<	6.5	µg/L	EPA 8270C	6.5	10	WKL	
MO-THO	2018/19-2	Wet	11/30/2018 6:10:00 AM	1/12/2019 1:50:00 AM	2-Methylnaphthalene	n/a	<	1	µg/L	EPA 8270C	1	1	WKL	
MO-THO	2018/19-2	Wet	11/30/2018 6:10:00 AM	1/11/2019 6:01:00 AM	2-Methylphenol	n/a	<	3.4	µg/L	EPA 8270C	3.4	10	WKL	
MO-THO	2018/19-2	Wet	11/30/2018 6:10:00 AM	1/7/2019 5:27:00 AM	2-Nitrophenol	n/a	<	0.52	µg/L	EPA 625	0.52	2	WKL	
MO-THO	2018/19-2	Wet	11/30/2018 6:10:00 AM	1/11/2019 6:01:00 AM	2-Nitrophenol	n/a	<	7.1	µg/L	EPA 8270C	7.1	10	WKL	
MO-THO	2018/19-2	Wet	11/30/2018 6:10:00 AM	1/7/2019 5:27:00 AM	3,3'-Dichlorobenzidine	n/a	<	2.4	µg/L	EPA 625	2.4	10	WKL	
MO-THO	2018/19-2	Wet	11/30/2018 6:10:00 AM	1/11/2019 6:01:00 AM	3-/4-Methylphenol	n/a	<	3	µg/L	EPA 8270C	3	10	WKL	
MO-THO	2018/19-2	Wet	11/30/2018 6:10:00 AM	1/11/2019 6:01:00 AM	4,6-Dinitro-2-methylphenol	n/a	<	1.4	µg/L	EPA 8270C	1.4	10	WKL	
MO-THO	2018/19-2	Wet	11/30/2018 6:10:00 AM	1/7/2019 5:27:00 AM	4,6-Dinitro-2-methylphenol	n/a	<	3.4	µg/L	EPA 625	3.4	10	WKL	
MO-THO	2018/19-2	Wet	11/30/2018 6:10:00 AM	1/7/2019 5:27:00 AM	4-Bromophenyl phenyl ether	n/a	<	0.72	µg/L	EPA 625	0.72	2	WKL	
MO-THO	2018/19-2	Wet	11/30/2018 6:10:00 AM	1/7/2019 5:27:00 AM	4-Chloro-3-methylphenol	n/a	<	0.46	µg/L	EPA 625	0.46	2	WKL	
MO-THO	2018/19-2	Wet	11/30/2018 6:10:00 AM	1/11/2019 6:01:00 AM	4-Chloro-3-methylphenol	n/a	<	3.7	µg/L	EPA 8270C	3.7	10	WKL	
MO-THO	2018/19-2	Wet	11/30/2018 6:10:00 AM	1/7/2019 5:27:00 AM	4-Chlorophenyl phenyl ether	n/a	<	0.82	µg/L	EPA 625	0.82	2	WKL	
MO-THO	2018/19-2	Wet	11/30/2018 6:10:00 AM	1/11/2019 6:01:00 AM	4-Nitrophenol	n/a	<	10	µg/L	EPA 8270C	10	20	WKL	
MO-THO	2018/19-2	Wet	11/30/2018 6:10:00 AM	1/7/2019 5:27:00 AM	4-Nitrophenol	n/a	<	0.9	µg/L	EPA 625	0.9	10	WKL	
MO-THO	2018/19-2	Wet	11/30/2018 6:10:00 AM	1/7/2019 5:27:00 AM	Acenaphthene	n/a	<	0.76	µg/L	EPA 625	0.76	2	WKL	
MO-THO	2018/19-2	Wet	11/30/2018 6:10:00 AM	1/12/2019 1:50:00 AM	Acenaphthene	n/a	<	1	µg/L	EPA 8270C	1	1	WKL	
MO-THO	2018/19-2	Wet	11/30/2018 6:10:00 AM	1/12/2019 1:50:00 AM	Acenaphthylene	n/a	<	1	µg/L	EPA 8270C	1	1	WKL	
MO-THO	2018/19-2	Wet	11/30/2018 6:10:00 AM	1/7/2019 5:27:00 AM	Acenaphthylene	n/a	<	0.8	µg/L	EPA 625	0.8	2	WKL	
MO-THO	2018/19-2	Wet	11/30/2018 6:10:00 AM	1/7/2019 5:27:00 AM	Anthracene	n/a	<	0.68	µg/L	EPA 625	0.68	2	WKL	
MO-THO	2018/19-2	Wet	11/30/2018 6:10:00 AM	1/12/2019 1:50:00 AM	Anthracene	n/a	<	1	µg/L	EPA 8270C	1	1	WKL	
MO-THO	2018/19-2	Wet	11/30/2018 6:10:00 AM	1/12/2019 1:50:00 AM	Benz(a)anthracene	n/a	<	1	µg/L	EPA 8270C	1	1	WKL	
MO-THO	2018/19-2	Wet	11/30/2018 6:10:00 AM	1/7/2019 5:27:00 AM	Benz(a)anthracene	n/a	<	0.38	µg/L	EPA 625	0.38	2	WKL	

Appendix G
Laboratory Environmental Analysis Results

Site ID	Event	Event Type	Sample Date	Analysis Date	Constituent	Fraction	Sign	Result	Units	Method	MDL	Reporting Limit	Analyzing Laboratory	Qualifier
MO-THO	2018/19-2	Wet	11/30/2018 6:10:00 AM	1/7/2019 5:27:00 AM	Benzidine	n/a	<	7.3	µg/L	EPA 625	7.3	20	WKL	
MO-THO	2018/19-2	Wet	11/30/2018 6:10:00 AM	12/19/2018 6:00:00 AM	Benzo(a)pyrene	n/a	<	0.07	µg/L	EPA 525.2	0.07	0.1	WKL	
MO-THO	2018/19-2	Wet	11/30/2018 6:10:00 AM	1/7/2019 5:27:00 AM	Benzo(a)pyrene	n/a	<	0.26	µg/L	EPA 625	0.26	2	WKL	
MO-THO	2018/19-2	Wet	11/30/2018 6:10:00 AM	1/12/2019 1:50:00 AM	Benzo(a)pyrene	n/a	<	1	µg/L	EPA 8270C	1	1	WKL	
MO-THO	2018/19-2	Wet	11/30/2018 6:10:00 AM	1/12/2019 1:50:00 AM	Benzo(b)fluoranthene	n/a	<	1	µg/L	EPA 8270C	1	1	WKL	
MO-THO	2018/19-2	Wet	11/30/2018 6:10:00 AM	1/7/2019 5:27:00 AM	Benzo(b)fluoranthene	n/a	<	0.28	µg/L	EPA 625	0.28	2	WKL	
MO-THO	2018/19-2	Wet	11/30/2018 6:10:00 AM	1/12/2019 1:50:00 AM	Benzo(g,h,i)perylene	n/a	<	1	µg/L	EPA 8270C	1	1	WKL	
MO-THO	2018/19-2	Wet	11/30/2018 6:10:00 AM	1/7/2019 5:27:00 AM	Benzo(g,h,i)perylene	n/a	<	0.2	µg/L	EPA 625	0.2	4	WKL	
MO-THO	2018/19-2	Wet	11/30/2018 6:10:00 AM	1/7/2019 5:27:00 AM	Benzo(k)fluoranthene	n/a	<	0.44	µg/L	EPA 625	0.44	2	WKL	
MO-THO	2018/19-2	Wet	11/30/2018 6:10:00 AM	1/12/2019 1:50:00 AM	Benzo(k)fluoranthene	n/a	<	1	µg/L	EPA 8270C	1	1	WKL	
MO-THO	2018/19-2	Wet	11/30/2018 6:10:00 AM	1/7/2019 5:27:00 AM	Bis(2-chloroethoxy)methane	n/a	<	0.5	µg/L	EPA 625	0.5	2	WKL	
MO-THO	2018/19-2	Wet	11/30/2018 6:10:00 AM	1/7/2019 5:27:00 AM	Bis(2-chloroethyl)ether	n/a	<	0.54	µg/L	EPA 625	0.54	2	WKL	
MO-THO	2018/19-2	Wet	11/30/2018 6:10:00 AM	1/7/2019 5:27:00 AM	Bis(2-chloroisopropyl)ether	n/a	<	0.76	µg/L	EPA 625	0.76	2	WKL	
MO-THO	2018/19-2	Wet	11/30/2018 6:10:00 AM	12/19/2018 6:00:00 AM	Bis(2-ethylhexyl)adipate	n/a	<	0.1	µg/L	EPA 525.2	0.1	5	WKL	
MO-THO	2018/19-2	Wet	11/30/2018 6:10:00 AM	1/7/2019 5:27:00 AM	Bis(2-ethylhexyl)phthalate	n/a	<	4.6	µg/L	EPA 625	4.6	10	WKL	
MO-THO	2018/19-2	Wet	11/30/2018 6:10:00 AM	12/19/2018 6:00:00 AM	Bis(2-ethylhexyl)phthalate	n/a	<	1.1	µg/L	EPA 525.2	1.1	3	WKL	
MO-THO	2018/19-2	Wet	11/30/2018 6:10:00 AM	1/7/2019 5:27:00 AM	Butyl benzyl phthalate	n/a	<	0.36	µg/L	EPA 625	0.36	2	WKL	
MO-THO	2018/19-2	Wet	11/30/2018 6:10:00 AM	1/7/2019 5:27:00 AM	Chrysene	n/a	<	0.38	µg/L	EPA 625	0.38	2	WKL	
MO-THO	2018/19-2	Wet	11/30/2018 6:10:00 AM	1/12/2019 1:50:00 AM	Chrysene	n/a	<	1	µg/L	EPA 8270C	1	1	WKL	
MO-THO	2018/19-2	Wet	11/30/2018 6:10:00 AM	1/7/2019 5:27:00 AM	Dibenz(a,h)anthracene	n/a	<	0.16	µg/L	EPA 625	0.16	4	WKL	
MO-THO	2018/19-2	Wet	11/30/2018 6:10:00 AM	1/12/2019 1:50:00 AM	Dibenz(a,h)anthracene	n/a	<	1	µg/L	EPA 8270C	1	1	WKL	
MO-THO	2018/19-2	Wet	11/30/2018 6:10:00 AM	1/7/2019 5:27:00 AM	Diethyl phthalate	n/a	<	0.3	µg/L	EPA 625	0.3	2	WKL	
MO-THO	2018/19-2	Wet	11/30/2018 6:10:00 AM	1/7/2019 5:27:00 AM	Dimethyl phthalate	n/a	=	3.9	µg/L	EPA 625	0.36	2	WKL	
MO-THO	2018/19-2	Wet	11/30/2018 6:10:00 AM	1/7/2019 5:27:00 AM	Di-n-butylphthalate	n/a	<	0.48	µg/L	EPA 625	0.48	2	WKL	
MO-THO	2018/19-2	Wet	11/30/2018 6:10:00 AM	1/7/2019 5:27:00 AM	Di-n-octylphthalate	n/a	<	0.38	µg/L	EPA 625	0.38	2	WKL	
MO-THO	2018/19-2	Wet	11/30/2018 6:10:00 AM	1/12/2019 1:50:00 AM	Fluoranthene	n/a	<	1	µg/L	EPA 8270C	1	1	WKL	
MO-THO	2018/19-2	Wet	11/30/2018 6:10:00 AM	1/7/2019 5:27:00 AM	Fluoranthene	n/a	<	0.44	µg/L	EPA 625	0.44	2	WKL	
MO-THO	2018/19-2	Wet	11/30/2018 6:10:00 AM	1/7/2019 5:27:00 AM	Fluorene	n/a	<	0.7	µg/L	EPA 625	0.7	2	WKL	
MO-THO	2018/19-2	Wet	11/30/2018 6:10:00 AM	1/12/2019 1:50:00 AM	Fluorene	n/a	<	1	µg/L	EPA 8270C	1	1	WKL	
MO-THO	2018/19-2	Wet	11/30/2018 6:10:00 AM	1/7/2019 5:27:00 AM	Hexachlorobenzene	n/a	<	0.98	µg/L	EPA 625	0.98	2	WKL	
MO-THO	2018/19-2	Wet	11/30/2018 6:10:00 AM	1/7/2019 5:27:00 AM	Hexachlorobutadiene	n/a	<	0.94	µg/L	EPA 625	0.94	2	WKL	
MO-THO	2018/19-2	Wet	11/30/2018 6:10:00 AM	1/7/2019 5:27:00 AM	Hexachlorocyclopentadiene	n/a	<	2.9	µg/L	EPA 625	2.9	10	WKL	
MO-THO	2018/19-2	Wet	11/30/2018 6:10:00 AM	1/7/2019 5:27:00 AM	Hexachloroethane	n/a	<	1	µg/L	EPA 625	1	2	WKL	
MO-THO	2018/19-2	Wet	11/30/2018 6:10:00 AM	1/12/2019 1:50:00 AM	Indeno(1,2,3-cd)pyrene	n/a	<	1	µg/L	EPA 8270C	1	1	WKL	
MO-THO	2018/19-2	Wet	11/30/2018 6:10:00 AM	1/7/2019 5:27:00 AM	Indeno(1,2,3-cd)pyrene	n/a	<	0.24	µg/L	EPA 625	0.24	4	WKL	
MO-THO	2018/19-2	Wet	11/30/2018 6:10:00 AM	1/7/2019 5:27:00 AM	Isophorone	n/a	<	0.42	µg/L	EPA 625	0.42	2	WKL	
MO-THO	2018/19-2	Wet	11/30/2018 6:10:00 AM	1/12/2019 1:50:00 AM	Naphthalene	n/a	<	1	µg/L	EPA 8270C	1	1	WKL	
MO-THO	2018/19-2	Wet	11/30/2018 6:10:00 AM	1/7/2019 5:27:00 AM	Naphthalene	n/a	<	0.98	µg/L	EPA 625	0.98	2	WKL	
MO-THO	2018/19-2	Wet	11/30/2018 6:10:00 AM	1/7/2019 5:27:00 AM	Nitrobenzene	n/a	<	0.72	µg/L	EPA 625	0.72	2	WKL	
MO-THO	2018/19-2	Wet	11/30/2018 6:10:00 AM	1/7/2019 5:27:00 AM	N-Nitrosodimethylamine	n/a	<	0.28	µg/L	EPA 625	0.28	2	WKL	
MO-THO	2018/19-2	Wet	11/30/2018 6:10:00 AM	1/7/2019 5:27:00 AM	N-Nitrosodi-N-propylamine	n/a	<	0.52	µg/L	EPA 625	0.52	2	WKL	
MO-THO	2018/19-2	Wet	11/30/2018 6:10:00 AM	1/7/2019 5:27:00 AM	N-Nitrosodiphenylamine	n/a	<	0.38	µg/L	EPA 625	0.38	2	WKL	
MO-THO	2018/19-2	Wet	11/30/2018 6:10:00 AM	1/7/2019 5:27:00 AM	Phenanthrene	n/a	<	0.64	µg/L	EPA 625	0.64	2	WKL	
MO-THO	2018/19-2	Wet	11/30/2018 6:10:00 AM	1/12/2019 1:50:00 AM	Phenanthrene	n/a	<	1	µg/L	EPA 8270C	1	1	WKL	
MO-THO	2018/19-2	Wet	11/30/2018 6:10:00 AM	1/7/2019 5:27:00 AM	Phenol	n/a	<	0.32	µg/L	EPA 625	0.32	2	WKL	
MO-THO	2018/19-2	Wet	11/30/2018 6:10:00 AM	1/11/2019 6:01:00 AM	Phenol	n/a	<	3.5	µg/L	EPA 8270C	3.5	10	WKL	
MO-THO	2018/19-2	Wet	11/30/2018 6:10:00 AM	1/7/2019 5:27:00 AM	Pyrene	n/a	<	0.5	µg/L	EPA 625	0.5	2	WKL	
MO-THO	2018/19-2	Wet	11/30/2018 6:10:00 AM	1/12/2019 1:50:00 AM	Pyrene	n/a	<	1	µg/L	EPA 8270C	1	1	WKL	

Appendix G
Laboratory Environmental Analysis Results

Site ID	Event	Event Type	Sample Date	Analysis Date	Constituent	Fraction	Sign	Result	Units	Method	MDL	Reporting Limit	Analyzing Laboratory	Qualifier
MO-THO	2018/19-2	Wet	11/30/2018 6:10:00 AM	1/12/2019 2:31:00 PM	PCB Aroclor 1016	n/a	<	1	µg/L	EPA 608	1	10	WKL	
MO-THO	2018/19-2	Wet	11/30/2018 6:10:00 AM	1/12/2019 2:31:00 PM	PCB Aroclor 1221	n/a	<	1.2	µg/L	EPA 608	1.2	10	WKL	
MO-THO	2018/19-2	Wet	11/30/2018 6:10:00 AM	1/12/2019 2:31:00 PM	PCB Aroclor 1232	n/a	<	3	µg/L	EPA 608	3	10	WKL	
MO-THO	2018/19-2	Wet	11/30/2018 6:10:00 AM	1/12/2019 2:31:00 PM	PCB Aroclor 1242	n/a	<	1.4	µg/L	EPA 608	1.4	10	WKL	
MO-THO	2018/19-2	Wet	11/30/2018 6:10:00 AM	1/12/2019 2:31:00 PM	PCB Aroclor 1248	n/a	<	1.2	µg/L	EPA 608	1.2	10	WKL	
MO-THO	2018/19-2	Wet	11/30/2018 6:10:00 AM	1/12/2019 2:31:00 PM	PCB Aroclor 1254	n/a	<	0.8	µg/L	EPA 608	0.8	10	WKL	
MO-THO	2018/19-2	Wet	11/30/2018 6:10:00 AM	1/12/2019 2:31:00 PM	PCB Aroclor 1260	n/a	<	0.8	µg/L	EPA 608	0.8	10	WKL	
MO-THO	2018/19-2	Wet	11/30/2018 6:10:00 AM	12/27/2018 11:13:00 PM	2,4,5-T	n/a	<	0.07	µg/L	EPA 515.3	0.07	0.2	WKL	
MO-THO	2018/19-2	Wet	11/30/2018 6:10:00 AM	12/27/2018 11:13:00 PM	2,4,5-TP	n/a	<	0.09	µg/L	EPA 515.3	0.09	0.2	WKL	
MO-THO	2018/19-2	Wet	11/30/2018 6:10:00 AM	12/27/2018 11:13:00 PM	2,4-D	n/a	<	0.07	µg/L	EPA 515.3	0.07	0.4	WKL	
MO-THO	2018/19-2	Wet	11/30/2018 6:10:00 AM	12/27/2018 11:13:00 PM	2,4-DB	n/a	DNQ	0.3	µg/L	EPA 515.3	0.07	2	WKL	
MO-THO	2018/19-2	Wet	11/30/2018 6:10:00 AM	12/27/2018 11:13:00 PM	3,5-Dichlorobenzoic acid	n/a	<	0.09	µg/L	EPA 515.3	0.09	1	WKL	
MO-THO	2018/19-2	Wet	11/30/2018 6:10:00 AM	1/12/2019 2:31:00 PM	4,4'-DDD	n/a	<	0.06	µg/L	EPA 608	0.06	1	WKL	
MO-THO	2018/19-2	Wet	11/30/2018 6:10:00 AM	1/12/2019 2:31:00 PM	4,4'-DDE	n/a	<	0.05	µg/L	EPA 608	0.05	1	WKL	
MO-THO	2018/19-2	Wet	11/30/2018 6:10:00 AM	1/12/2019 2:31:00 PM	4,4'-DDT	n/a	<	0.062	µg/L	EPA 608	0.062	0.2	WKL	
MO-THO	2018/19-2	Wet	11/30/2018 6:10:00 AM	12/27/2018 11:13:00 PM	Acifluorfen	n/a	<	0.06	µg/L	EPA 515.3	0.06	0.4	WKL	
MO-THO	2018/19-2	Wet	11/30/2018 6:10:00 AM	12/19/2018 6:00:00 AM	Alachlor	n/a	<	0.022	µg/L	EPA 525.2	0.022	0.1	WKL	
MO-THO	2018/19-2	Wet	11/30/2018 6:10:00 AM	1/12/2019 2:31:00 PM	Aldrin	n/a	<	0.03	µg/L	EPA 608	0.03	0.1	WKL	
MO-THO	2018/19-2	Wet	11/30/2018 6:10:00 AM	1/12/2019 2:31:00 PM	alpha-BHC	n/a	<	0.036	µg/L	EPA 608	0.036	0.2	WKL	
MO-THO	2018/19-2	Wet	11/30/2018 6:10:00 AM	1/12/2019 2:31:00 PM	alpha-Chlordane	n/a	<	0.082	µg/L	EPA 608	0.082	0.2	WKL	
MO-THO	2018/19-2	Wet	11/30/2018 6:10:00 AM	12/19/2018 6:00:00 AM	Atrazine	n/a	<	0.034	µg/L	EPA 525.2	0.034	0.1	WKL	
MO-THO	2018/19-2	Wet	11/30/2018 6:10:00 AM	12/20/2018 4:16:00 AM	Azinphos methyl	n/a	<	0.011	µg/L	EPA 525.2m	0.011	0.02	WKL	
MO-THO	2018/19-2	Wet	11/30/2018 6:10:00 AM	12/27/2018 11:13:00 PM	Bentazon	n/a	<	0.11	µg/L	EPA 515.3	0.11	2	WKL	
MO-THO	2018/19-2	Wet	11/30/2018 6:10:00 AM	1/12/2019 2:31:00 PM	beta-BHC	n/a	<	0.062	µg/L	EPA 608	0.062	0.1	WKL	
MO-THO	2018/19-2	Wet	11/30/2018 6:10:00 AM	12/20/2018 4:16:00 AM	Bolstar	n/a	<	0.0092	µg/L	EPA 525.2m	0.0092	0.02	WKL	
MO-THO	2018/19-2	Wet	11/30/2018 6:10:00 AM	12/19/2018 6:00:00 AM	Bromacil	n/a	<	0.038	µg/L	EPA 525.2	0.038	1	WKL	
MO-THO	2018/19-2	Wet	11/30/2018 6:10:00 AM	12/19/2018 6:00:00 AM	Butachlor	n/a	<	0.017	µg/L	EPA 525.2	0.017	0.2	WKL	
MO-THO	2018/19-2	Wet	11/30/2018 6:10:00 AM	12/19/2018 6:00:00 AM	Captan	n/a	<	0.86	µg/L	EPA 525.2	0.86	1	WKL	LB-LCSR
MO-THO	2018/19-2	Wet	11/30/2018 6:10:00 AM	1/12/2019 2:31:00 PM	Chlordane (technical)	n/a	<	1.6	µg/L	EPA 608	1.6	2	WKL	
MO-THO	2018/19-2	Wet	11/30/2018 6:10:00 AM	12/19/2018 6:00:00 AM	Chlorpropham	n/a	<	0.01	µg/L	EPA 525.2	0.01	0.1	WKL	
MO-THO	2018/19-2	Wet	11/30/2018 6:10:00 AM	12/20/2018 4:16:00 AM	Chlorpyrifos	n/a	<	0.014	µg/L	EPA 525.2m	0.014	0.02	WKL	
MO-THO	2018/19-2	Wet	11/30/2018 6:10:00 AM	12/20/2018 4:16:00 AM	Coumaphos	n/a	<	0.01	µg/L	EPA 525.2m	0.01	0.02	WKL	
MO-THO	2018/19-2	Wet	11/30/2018 6:10:00 AM	12/19/2018 6:00:00 AM	Cyanazine	n/a	<	0.024	µg/L	EPA 525.2	0.024	0.1	WKL	
MO-THO	2018/19-2	Wet	11/30/2018 6:10:00 AM	12/27/2018 11:13:00 PM	Dalapon	n/a	<	0.1	µg/L	EPA 515.3	0.1	0.4	WKL	
MO-THO	2018/19-2	Wet	11/30/2018 6:10:00 AM	12/27/2018 11:13:00 PM	DCPA (Dacthal)	n/a	<	0.07	µg/L	EPA 515.3	0.07	0.1	WKL	
MO-THO	2018/19-2	Wet	11/30/2018 6:10:00 AM	1/12/2019 2:31:00 PM	delta-BHC	n/a	<	0.05	µg/L	EPA 608	0.05	0.1	WKL	
MO-THO	2018/19-2	Wet	11/30/2018 6:10:00 AM	12/20/2018 4:16:00 AM	Demeton-O	n/a	<	0.02	µg/L	EPA 525.2m	0.02	0.02	WKL	
MO-THO	2018/19-2	Wet	11/30/2018 6:10:00 AM	12/20/2018 4:16:00 AM	Demeton-S	n/a	<	0.02	µg/L	EPA 525.2m	0.02	0.02	WKL	
MO-THO	2018/19-2	Wet	11/30/2018 6:10:00 AM	12/20/2018 4:16:00 AM	Diazinon	n/a	<	0.01	µg/L	EPA 525.2m	0.01	0.02	WKL	
MO-THO	2018/19-2	Wet	11/30/2018 6:10:00 AM	12/19/2018 6:00:00 AM	Diazinon	n/a	<	0.096	µg/L	EPA 525.2	0.096	0.1	WKL	
MO-THO	2018/19-2	Wet	11/30/2018 6:10:00 AM	12/27/2018 11:13:00 PM	Dicamba	n/a	<	0.12	µg/L	EPA 515.3	0.12	0.6	WKL	
MO-THO	2018/19-2	Wet	11/30/2018 6:10:00 AM	12/27/2018 11:13:00 PM	Dichlorprop	n/a	<	0.08	µg/L	EPA 515.3	0.08	0.3	WKL	
MO-THO	2018/19-2	Wet	11/30/2018 6:10:00 AM	12/20/2018 4:16:00 AM	Dichlorvos	n/a	<	0.0058	µg/L	EPA 525.2m	0.0058	0.02	WKL	
MO-THO	2018/19-2	Wet	11/30/2018 6:10:00 AM	1/12/2019 2:31:00 PM	Dieldrin	n/a	<	0.042	µg/L	EPA 608	0.042	0.2	WKL	
MO-THO	2018/19-2	Wet	11/30/2018 6:10:00 AM	12/19/2018 6:00:00 AM	Dimethoate	n/a	<	0.024	µg/L	EPA 525.2	0.024	0.2	WKL	
MO-THO	2018/19-2	Wet	11/30/2018 6:10:00 AM	12/20/2018 4:16:00 AM	Dimethoate	n/a	<	0.012	µg/L	EPA 525.2m	0.012	0.02	WKL	
MO-THO	2018/19-2	Wet	11/30/2018 6:10:00 AM	12/27/2018 11:13:00 PM	Dinoseb	n/a	<	0.14	µg/L	EPA 515.3	0.14	0.4	WKL	
MO-THO	2018/19-2	Wet	11/30/2018 6:10:00 AM	12/19/2018 6:00:00 AM	Diphenamid	n/a	<	0.024	µg/L	EPA 525.2	0.024	0.1	WKL	

Appendix G
Laboratory Environmental Analysis Results

Site ID	Event	Event Type	Sample Date	Analysis Date	Constituent	Fraction	Sign	Result	Units	Method	MDL	Reporting Limit	Analyzing Laboratory	Qualifier
MO-THO	2018/19-2	Wet	11/30/2018 6:10:00 AM	12/19/2018 6:00:00 AM	Disulfoton	n/a	<	0.031	µg/L	EPA 525.2	0.031	0.1	WKL	
MO-THO	2018/19-2	Wet	11/30/2018 6:10:00 AM	12/20/2018 4:16:00 AM	Disulfoton	n/a	<	0.02	µg/L	EPA 525.2m	0.02	0.02	WKL	
MO-THO	2018/19-2	Wet	11/30/2018 6:10:00 AM	1/12/2019 2:31:00 PM	Endosulfan I	n/a	<	0.034	µg/L	EPA 608	0.034	0.4	WKL	
MO-THO	2018/19-2	Wet	11/30/2018 6:10:00 AM	1/12/2019 2:31:00 PM	Endosulfan II	n/a	<	0.038	µg/L	EPA 608	0.038	0.2	WKL	
MO-THO	2018/19-2	Wet	11/30/2018 6:10:00 AM	1/12/2019 2:31:00 PM	Endosulfan sulfate	n/a	<	0.16	µg/L	EPA 608	0.16	1	WKL	
MO-THO	2018/19-2	Wet	11/30/2018 6:10:00 AM	1/12/2019 2:31:00 PM	Endrin	n/a	<	0.056	µg/L	EPA 608	0.056	0.2	WKL	
MO-THO	2018/19-2	Wet	11/30/2018 6:10:00 AM	1/12/2019 2:31:00 PM	Endrin aldehyde	n/a	<	0.06	µg/L	EPA 608	0.06	0.2	WKL	
MO-THO	2018/19-2	Wet	11/30/2018 6:10:00 AM	12/19/2018 6:00:00 AM	EPTC	n/a	<	0.017	µg/L	EPA 525.2	0.017	1	WKL	
MO-THO	2018/19-2	Wet	11/30/2018 6:10:00 AM	12/20/2018 4:16:00 AM	Ethoprop	n/a	<	0.013	µg/L	EPA 525.2m	0.013	0.02	WKL	
MO-THO	2018/19-2	Wet	11/30/2018 6:10:00 AM	12/20/2018 4:16:00 AM	Ethyl parathion	n/a	<	0.011	µg/L	EPA 525.2m	0.011	0.02	WKL	
MO-THO	2018/19-2	Wet	11/30/2018 6:10:00 AM	12/20/2018 4:16:00 AM	Fensulfothion	n/a	<	0.0058	µg/L	EPA 525.2m	0.0058	0.02	WKL	
MO-THO	2018/19-2	Wet	11/30/2018 6:10:00 AM	12/20/2018 4:16:00 AM	Fenthion	n/a	<	0.0076	µg/L	EPA 525.2m	0.0076	0.02	WKL	
MO-THO	2018/19-2	Wet	11/30/2018 6:10:00 AM	1/12/2019 2:31:00 PM	gamma-BHC (Lindane)	n/a	<	0.042	µg/L	EPA 608	0.042	0.4	WKL	
MO-THO	2018/19-2	Wet	11/30/2018 6:10:00 AM	1/12/2019 2:31:00 PM	gamma-Chlordane	n/a	<	0.088	µg/L	EPA 608	0.088	0.2	WKL	
MO-THO	2018/19-2	Wet	11/30/2018 6:10:00 AM	12/10/2018 9:52:00 PM	Glyphosate	n/a	=	16	µg/L	EPA 547	1.8	5	WKL	
MO-THO	2018/19-2	Wet	11/30/2018 6:10:00 AM	1/12/2019 2:31:00 PM	Heptachlor	n/a	<	0.034	µg/L	EPA 608	0.034	0.2	WKL	
MO-THO	2018/19-2	Wet	11/30/2018 6:10:00 AM	1/12/2019 2:31:00 PM	Heptachlor epoxide	n/a	<	0.038	µg/L	EPA 608	0.038	0.2	WKL	
MO-THO	2018/19-2	Wet	11/30/2018 6:10:00 AM	12/20/2018 4:16:00 AM	Malathion	n/a	<	0.015	µg/L	EPA 525.2m	0.015	0.02	WKL	
MO-THO	2018/19-2	Wet	11/30/2018 6:10:00 AM	12/20/2018 4:16:00 AM	Merphos	n/a	<	0.012	µg/L	EPA 525.2m	0.012	0.02	WKL	
MO-THO	2018/19-2	Wet	11/30/2018 6:10:00 AM	1/12/2019 2:31:00 PM	Methoxychlor	n/a	<	0.11	µg/L	EPA 608	0.11	0.4	WKL	
MO-THO	2018/19-2	Wet	11/30/2018 6:10:00 AM	12/20/2018 4:16:00 AM	Methyl parathion	n/a	<	0.013	µg/L	EPA 525.2m	0.013	0.02	WKL	
MO-THO	2018/19-2	Wet	11/30/2018 6:10:00 AM	12/19/2018 6:00:00 AM	Metolachlor	n/a	<	0.012	µg/L	EPA 525.2	0.012	0.1	WKL	
MO-THO	2018/19-2	Wet	11/30/2018 6:10:00 AM	12/19/2018 6:00:00 AM	Metribuzin	n/a	<	0.2	µg/L	EPA 525.2	0.2	0.2	WKL	
MO-THO	2018/19-2	Wet	11/30/2018 6:10:00 AM	12/20/2018 4:16:00 AM	Mevinphos	n/a	<	0.0084	µg/L	EPA 525.2m	0.0084	0.02	WKL	
MO-THO	2018/19-2	Wet	11/30/2018 6:10:00 AM	12/19/2018 6:00:00 AM	Molinate	n/a	<	0.039	µg/L	EPA 525.2	0.039	0.1	WKL	
MO-THO	2018/19-2	Wet	11/30/2018 6:10:00 AM	12/20/2018 4:16:00 AM	Naled	n/a	<	0.015	µg/L	EPA 525.2m	0.015	0.02	WKL	
MO-THO	2018/19-2	Wet	11/30/2018 6:10:00 AM	12/27/2018 11:13:00 PM	Pentachlorophenol	n/a	DNQ	0.097	µg/L	EPA 515.3	0.04	0.2	WKL	
MO-THO	2018/19-2	Wet	11/30/2018 6:10:00 AM	1/7/2019 5:27:00 AM	Pentachlorophenol	n/a	DNQ	1	µg/L	EPA 625	0.38	2	WKL	
MO-THO	2018/19-2	Wet	11/30/2018 6:10:00 AM	1/11/2019 6:01:00 AM	Pentachlorophenol	n/a	DNQ	5.1	µg/L	EPA 8270C	1.5	10	WKL	UL-MB
MO-THO	2018/19-2	Wet	11/30/2018 6:10:00 AM	12/20/2018 4:16:00 AM	Phorate	n/a	<	0.006	µg/L	EPA 525.2m	0.006	0.02	WKL	
MO-THO	2018/19-2	Wet	11/30/2018 6:10:00 AM	12/27/2018 11:13:00 PM	Picloram	n/a	<	0.05	µg/L	EPA 515.3	0.05	0.6	WKL	
MO-THO	2018/19-2	Wet	11/30/2018 6:10:00 AM	12/19/2018 6:00:00 AM	Prometon	n/a	<	0.024	µg/L	EPA 525.2	0.024	0.2	WKL	
MO-THO	2018/19-2	Wet	11/30/2018 6:10:00 AM	12/19/2018 6:00:00 AM	Prometryn	n/a	<	0.036	µg/L	EPA 525.2	0.036	0.1	WKL	
MO-THO	2018/19-2	Wet	11/30/2018 6:10:00 AM	12/20/2018 4:16:00 AM	Ronnel (Fenchlorphos)	n/a	<	0.0082	µg/L	EPA 525.2m	0.0082	0.02	WKL	
MO-THO	2018/19-2	Wet	11/30/2018 6:10:00 AM	12/19/2018 6:00:00 AM	Simazine	n/a	<	0.015	µg/L	EPA 525.2	0.015	0.1	WKL	
MO-THO	2018/19-2	Wet	11/30/2018 6:10:00 AM	12/20/2018 4:16:00 AM	Stirophos (Tetrachlorvinphos)	n/a	<	0.0062	µg/L	EPA 525.2m	0.0062	0.02	WKL	
MO-THO	2018/19-2	Wet	11/30/2018 6:10:00 AM	12/19/2018 6:00:00 AM	Terbacil	n/a	<	0.55	µg/L	EPA 525.2	0.55	2	WKL	
MO-THO	2018/19-2	Wet	11/30/2018 6:10:00 AM	12/19/2018 6:00:00 AM	Thiobencarb	n/a	<	0.025	µg/L	EPA 525.2	0.025	0.2	WKL	
MO-THO	2018/19-2	Wet	11/30/2018 6:10:00 AM	12/20/2018 4:16:00 AM	Tokuthion	n/a	<	0.016	µg/L	EPA 525.2m	0.016	0.02	WKL	
MO-THO	2018/19-2	Wet	11/30/2018 6:10:00 AM	1/12/2019 2:31:00 PM	Toxaphene	n/a	<	2.4	µg/L	EPA 608	2.4	10	WKL	
MO-THO	2018/19-2	Wet	11/30/2018 6:10:00 AM	12/20/2018 4:16:00 AM	Trichloronate	n/a	<	0.013	µg/L	EPA 525.2m	0.013	0.02	WKL	
MO-THO	2018/19-2	Wet	11/30/2018 6:10:00 AM	12/19/2018 6:00:00 AM	Trithion	n/a	<	0.012	µg/L	EPA 525.2	0.012	0.1	WKL	
MO-THO	2018/19-3	Wet	1/6/2019 8:30:00 AM	1/15/2019 10:00:00 PM	Chloride	n/a	=	120	mg/L	EPA 300.0	0.2	1	WKL	
MO-THO	2018/19-3	Wet	1/6/2019 8:30:00 AM	1/15/2019 10:00:00 PM	Fluoride	n/a	DNQ	0.17	mg/L	EPA 300.0	0.04	0.2	WKL	
MO-THO	2018/19-3	Wet	1/6/2019 8:30:00 AM	1/9/2019 9:11:00 AM	Perchlorate	n/a	<	0.95	µg/L	EPA 314.0	0.95	2	WKL	
MO-THO	2018/19-3	Wet	1/6/2019 8:30:00 AM	1/15/2019 10:00:00 PM	Sulfate	Total	=	150	mg/L	EPA 300.0	0.2	1	WKL	
MO-THO	2018/19-3	Wet	1/6/2019 8:30:00 AM	1/30/2019 8:08:00 PM	Calcium	Total	=	76.3	mg/L	EPA 200.7	0.016	0.1	WKL	
MO-THO	2018/19-3	Wet	1/6/2019 8:30:00 AM	1/30/2019 8:08:00 PM	Magnesium	Total	=	59.8	mg/L	EPA 200.7	0.012	0.1	WKL	

Appendix G
Laboratory Environmental Analysis Results

Site ID	Event	Event Type	Sample Date	Analysis Date	Constituent	Fraction	Sign	Result	Units	Method	MDL	Reporting Limit	Analyzing Laboratory	Qualifier
MO-THO	2018/19-3	Wet	1/6/2019 8:30:00 AM	1/30/2019 8:08:00 PM	Potassium	Total	=	4.6	mg/L	EPA 200.7	0.081	0.1	WKL	
MO-THO	2018/19-3	Wet	1/6/2019 8:30:00 AM	1/30/2019 8:08:00 PM	Sodium	Total	=	82	mg/L	EPA 200.7	0.015	0.5	WKL	
MO-THO	2018/19-3	Wet	1/6/2019 8:30:00 AM	1/11/2019 3:58:00 PM	Alkalinity as CaCO3	n/a	=	210	mg/L	SM 2320 B	0.56	2	WKL	
MO-THO	2018/19-3	Wet	1/6/2019 8:30:00 AM	1/12/2019 12:56:00 PM	BOD	n/a	=	16	mg/L	SM 5210 B	2	2	WKL	
MO-THO	2018/19-3	Wet	1/6/2019 8:30:00 AM	1/17/2019 11:30:00 AM	COD	n/a	=	75	mg/L	EPA 410.4	0.73	5	WKL	
MO-THO	2018/19-3	Wet	1/6/2019 8:30:00 AM	1/31/2019 4:14:00 AM	Dissolved Inorganic Carbon	Dissolved	=	46	mg/L	SM 5310 B	0.65	1	TestAmerica	
MO-THO	2018/19-3	Wet	1/6/2019 8:30:00 AM	1/31/2019 3:04:40 PM	Dissolved Organic Carbon	Dissolved	=	7.2	mg/L	SM 5310 B	0.65	1	TestAmerica	
MO-THO	2018/19-3	Wet	1/6/2019 8:30:00 AM	1/30/2019 8:08:00 PM	Hardness as CaCO3	Total	=	437	mg/L	EPA 200.7	0.0894	0.662	WKL	
MO-THO	2018/19-3	Wet	1/6/2019 8:30:00 AM	1/7/2019 2:48:00 PM	MBAS	n/a	DNQ	0.034	mg/L	SM 5540 C	0.019	0.05	WKL	
MO-THO	2018/19-3	Wet	1/6/2019 8:30:00 AM	2/2/2019 10:32:00 AM	Phenolics	n/a	=	0.016	mg/L	EPA 420.4	0.0042	0.01	WKL	
MO-THO	2018/19-3	Wet	1/6/2019 8:30:00 AM	1/10/2019 3:03:00 PM	Specific Conductance	n/a	=	1100	µmhos/cm	SM 2510 B	0.23	2	WKL	
MO-THO	2018/19-3	Wet	1/6/2019 8:30:00 AM	1/7/2019 6:56:00 PM	Total Chlorine Residual	n/a	=	0.052	mg/L	SM 4500-Cl G	0.0015	0.05	WKL	EST-HT
MO-THO	2018/19-3	Wet	1/6/2019 8:30:00 AM	1/10/2019 2:32:00 PM	Total Dissolved Solids	n/a	=	670	mg/L	SM 2540 C	4	10	WKL	
MO-THO	2018/19-3	Wet	1/6/2019 8:30:00 AM	1/31/2019 4:30:00 PM	Total Organic Carbon	n/a	=	9.2	mg/L	SM 5310 B	0.21	0.3	MCA	
MO-THO	2018/19-3	Wet	1/6/2019 8:30:00 AM	1/8/2019 1:30:00 PM	Total Suspended Solids	n/a	=	560	mg/L	SM 2540 D	-88	5	WKL	
MO-THO	2018/19-3	Wet	1/6/2019 8:30:00 AM	1/7/2019 11:44:00 AM	Turbidity	n/a	=	140	NTU	EPA 180.1	0.24	1	WKL	
MO-THO	2018/19-3	Wet	1/6/2019 8:30:00 AM	1/8/2019 1:30:00 PM	Volatile Suspended Solids	n/a	=	100	mg/L	EPA 160.4	3.1	5	WKL	
MO-THO	2018/19-3	Wet	1/6/2019 8:30:00 AM	1/23/2019 4:32:00 AM	Diesel Range Organics	n/a	=	0.17	mg/L	EPA 8015D	0.024	0.1	WKL	UL-MB
MO-THO	2018/19-3	Wet	1/6/2019 8:30:00 AM	1/23/2019 4:32:00 AM	Oil Range Organics	n/a	<	0.33	mg/L	EPA 8015D	0.33	0.5	WKL	
MO-THO	2018/19-3	Wet	1/6/2019 8:30:00 AM	1/16/2019 5:54:00 PM	Aluminum	Dissolved	=	7.5	µg/L	EPA 200.8	1.3	5	WKL	
MO-THO	2018/19-3	Wet	1/6/2019 8:30:00 AM	1/16/2019 5:59:00 PM	Aluminum	Total	=	7000	µg/L	EPA 200.8	1.3	5	WKL	
MO-THO	2018/19-3	Wet	1/6/2019 8:30:00 AM	1/17/2019 1:36:00 PM	Antimony	Dissolved	=	0.51	µg/L	EPA 200.8	0.045	0.5	WKL	
MO-THO	2018/19-3	Wet	1/6/2019 8:30:00 AM	1/17/2019 1:39:00 PM	Antimony	Total	=	0.77	µg/L	EPA 200.8	0.045	0.5	WKL	
MO-THO	2018/19-3	Wet	1/6/2019 8:30:00 AM	1/16/2019 5:54:00 PM	Arsenic	Dissolved	=	2	µg/L	EPA 200.8	0.074	0.4	WKL	
MO-THO	2018/19-3	Wet	1/6/2019 8:30:00 AM	1/16/2019 5:59:00 PM	Arsenic	Total	=	3.7	µg/L	EPA 200.8	0.074	0.4	WKL	
MO-THO	2018/19-3	Wet	1/6/2019 8:30:00 AM	1/16/2019 5:59:00 PM	Barium	Total	=	51	µg/L	EPA 200.8	0.071	0.5	WKL	
MO-THO	2018/19-3	Wet	1/6/2019 8:30:00 AM	1/16/2019 5:54:00 PM	Beryllium	Dissolved	<	0.033	µg/L	EPA 200.8	0.033	0.1	WKL	
MO-THO	2018/19-3	Wet	1/6/2019 8:30:00 AM	1/16/2019 5:59:00 PM	Beryllium	Total	=	0.21	µg/L	EPA 200.8	0.033	0.1	WKL	
MO-THO	2018/19-3	Wet	1/6/2019 8:30:00 AM	1/16/2019 5:54:00 PM	Cadmium	Dissolved	<	0.041	µg/L	EPA 200.8	0.041	0.1	WKL	
MO-THO	2018/19-3	Wet	1/6/2019 8:30:00 AM	1/16/2019 5:59:00 PM	Cadmium	Total	=	0.49	µg/L	EPA 200.8	0.041	0.1	WKL	
MO-THO	2018/19-3	Wet	1/6/2019 8:30:00 AM	1/16/2019 5:54:00 PM	Chromium	Dissolved	=	0.32	µg/L	EPA 200.8	0.035	0.2	WKL	
MO-THO	2018/19-3	Wet	1/6/2019 8:30:00 AM	1/16/2019 5:59:00 PM	Chromium	Total	=	20	µg/L	EPA 200.8	0.035	0.2	WKL	
MO-THO	2018/19-3	Wet	1/6/2019 8:30:00 AM	1/18/2019 3:50:00 PM	Chromium VI	n/a	=	0.17	µg/L	EPA 218.6	0.0048	0.02	WKL	
MO-THO	2018/19-3	Wet	1/6/2019 8:30:00 AM	1/16/2019 5:54:00 PM	Copper	Dissolved	=	2.3	µg/L	EPA 200.8	0.13	0.5	WKL	
MO-THO	2018/19-3	Wet	1/6/2019 8:30:00 AM	1/16/2019 5:59:00 PM	Copper	Total	=	19	µg/L	EPA 200.8	0.13	0.5	WKL	
MO-THO	2018/19-3	Wet	1/6/2019 8:30:00 AM	1/30/2019 8:05:00 PM	Iron	Dissolved	=	36	µg/L	EPA 200.7	1.1	10	WKL	
MO-THO	2018/19-3	Wet	1/6/2019 8:30:00 AM	1/30/2019 8:08:00 PM	Iron	Total	=	9800	µg/L	EPA 200.7	1.1	10	WKL	HB-MSR
MO-THO	2018/19-3	Wet	1/6/2019 8:30:00 AM	1/16/2019 5:54:00 PM	Lead	Dissolved	DNQ	0.056	µg/L	EPA 200.8	0.031	0.2	WKL	
MO-THO	2018/19-3	Wet	1/6/2019 8:30:00 AM	1/16/2019 5:59:00 PM	Lead	Total	=	4.2	µg/L	EPA 200.8	0.031	0.2	WKL	
MO-THO	2018/19-3	Wet	1/6/2019 8:30:00 AM	1/11/2019 4:42:00 PM	Mercury	Dissolved	<	17	ng/L	EPA 245.1	17	50	WKL	
MO-THO	2018/19-3	Wet	1/6/2019 8:30:00 AM	1/11/2019 4:44:00 PM	Mercury	Total	DNQ	30	ng/L	EPA 245.1	17	50	WKL	
MO-THO	2018/19-3	Wet	1/6/2019 8:30:00 AM	1/16/2019 5:54:00 PM	Nickel	Dissolved	=	1.9	µg/L	EPA 200.8	0.045	0.8	WKL	
MO-THO	2018/19-3	Wet	1/6/2019 8:30:00 AM	1/16/2019 5:59:00 PM	Nickel	Total	=	18	µg/L	EPA 200.8	0.045	0.8	WKL	
MO-THO	2018/19-3	Wet	1/6/2019 8:30:00 AM	1/16/2019 5:54:00 PM	Selenium	Dissolved	=	1.4	µg/L	EPA 200.8	0.14	0.4	WKL	
MO-THO	2018/19-3	Wet	1/6/2019 8:30:00 AM	1/16/2019 5:59:00 PM	Selenium	Total	=	1.8	µg/L	EPA 200.8	0.14	0.4	WKL	
MO-THO	2018/19-3	Wet	1/6/2019 8:30:00 AM	1/16/2019 5:54:00 PM	Silver	Dissolved	<	0.062	µg/L	EPA 200.8	0.062	0.2	WKL	
MO-THO	2018/19-3	Wet	1/6/2019 8:30:00 AM	1/16/2019 5:59:00 PM	Silver	Total	DNQ	0.065	µg/L	EPA 200.8	0.062	0.2	WKL	
MO-THO	2018/19-3	Wet	1/6/2019 8:30:00 AM	1/16/2019 5:54:00 PM	Thallium	Dissolved	<	0.014	µg/L	EPA 200.8	0.014	0.2	WKL	

Appendix G
Laboratory Environmental Analysis Results

Site ID	Event	Event Type	Sample Date	Analysis Date	Constituent	Fraction	Sign	Result	Units	Method	MDL	Reporting Limit	Analyzing Laboratory	Qualifier
MO-THO	2018/19-3	Wet	1/6/2019 8:30:00 AM	1/16/2019 5:59:00 PM	Thallium	Total	DNQ	0.077	µg/L	EPA 200.8	0.014	0.2	WKL	
MO-THO	2018/19-3	Wet	1/6/2019 8:30:00 AM	1/16/2019 5:54:00 PM	Zinc	Dissolved	DNQ	3	µg/L	EPA 200.8	0.94	5	WKL	
MO-THO	2018/19-3	Wet	1/6/2019 8:30:00 AM	1/16/2019 5:59:00 PM	Zinc	Total	=	67	µg/L	EPA 200.8	0.94	5	WKL	
MO-THO	2018/19-3	Wet	1/6/2019 8:30:00 AM	1/15/2019 6:47:00 PM	Ammonia as N	n/a	=	0.35	mg/L	EPA 350.1	0.048	0.1	WKL	
MO-THO	2018/19-3	Wet	1/6/2019 8:30:00 AM	1/12/2019 10:15:00 AM	Nitrate + Nitrite as N	n/a	=	0.68	mg/L	EPA 353.2	0.083	0.2	WKL	
MO-THO	2018/19-3	Wet	1/6/2019 8:30:00 AM	1/16/2019 6:25:00 PM	Phosphorus as P	Dissolved	=	0.096	mg/L	EPA 200.7	0.012	0.02	WKL	
MO-THO	2018/19-3	Wet	1/6/2019 8:30:00 AM	1/16/2019 6:19:00 PM	Phosphorus as P	Total	=	0.54	mg/L	EPA 200.7	0.012	0.02	WKL	
MO-THO	2018/19-3	Wet	1/6/2019 8:30:00 AM	1/12/2019 1:50:00 PM	TKN	n/a	=	0.74	mg/L	EPA 351.2	0.05	0.1	WKL	
MO-THO	2018/19-3	Wet	1/6/2019 8:30:00 AM	1/30/2019 6:37:00 AM	1,2,4-Trichlorobenzene	n/a	<	2.8	µg/L	EPA 625	2.8	5	WKL	
MO-THO	2018/19-3	Wet	1/6/2019 8:30:00 AM	1/30/2019 6:37:00 AM	1,2-Dichlorobenzene	n/a	<	2.8	µg/L	EPA 625	2.8	5	WKL	
MO-THO	2018/19-3	Wet	1/6/2019 8:30:00 AM	1/30/2019 6:37:00 AM	1,2-Diphenylhydrazine	n/a	<	1.2	µg/L	EPA 625	1.2	5	WKL	
MO-THO	2018/19-3	Wet	1/6/2019 8:30:00 AM	1/30/2019 6:37:00 AM	1,3-Dichlorobenzene	n/a	<	2.6	µg/L	EPA 625	2.6	5	WKL	
MO-THO	2018/19-3	Wet	1/6/2019 8:30:00 AM	1/30/2019 6:37:00 AM	1,4-Dichlorobenzene	n/a	<	2.8	µg/L	EPA 625	2.8	5	WKL	
MO-THO	2018/19-3	Wet	1/6/2019 8:30:00 AM	2/2/2019 2:42:00 AM	1-Methylnaphthalene	n/a	<	0.5	µg/L	EPA 8270C	0.5	0.5	WKL	
MO-THO	2018/19-3	Wet	1/6/2019 8:30:00 AM	2/6/2019 2:16:00 AM	2,4,5-Trichlorophenol	n/a	<	1.4	µg/L	EPA 8270C	1.4	5	WKL	
MO-THO	2018/19-3	Wet	1/6/2019 8:30:00 AM	1/30/2019 6:37:00 AM	2,4,6-Trichlorophenol	n/a	<	1.1	µg/L	EPA 625	1.1	5	WKL	
MO-THO	2018/19-3	Wet	1/6/2019 8:30:00 AM	2/6/2019 2:16:00 AM	2,4,6-Trichlorophenol	n/a	<	1.5	µg/L	EPA 8270C	1.5	5	WKL	
MO-THO	2018/19-3	Wet	1/6/2019 8:30:00 AM	1/30/2019 6:37:00 AM	2,4-Dichlorophenol	n/a	<	1.3	µg/L	EPA 625	1.3	5	WKL	
MO-THO	2018/19-3	Wet	1/6/2019 8:30:00 AM	2/6/2019 2:16:00 AM	2,4-Dichlorophenol	n/a	<	2.6	µg/L	EPA 8270C	2.6	5	WKL	
MO-THO	2018/19-3	Wet	1/6/2019 8:30:00 AM	1/30/2019 6:37:00 AM	2,4-Dimethylphenol	n/a	<	1.5	µg/L	EPA 625	1.5	5	WKL	
MO-THO	2018/19-3	Wet	1/6/2019 8:30:00 AM	2/6/2019 2:16:00 AM	2,4-Dimethylphenol	n/a	<	5	µg/L	EPA 8270C	5	10	WKL	
MO-THO	2018/19-3	Wet	1/6/2019 8:30:00 AM	1/30/2019 6:37:00 AM	2,4-Dinitrophenol	n/a	<	7.9	µg/L	EPA 625	7.9	50	WKL	
MO-THO	2018/19-3	Wet	1/6/2019 8:30:00 AM	2/6/2019 2:16:00 AM	2,4-Dinitrophenol	n/a	<	5	µg/L	EPA 8270C	5	10	WKL	
MO-THO	2018/19-3	Wet	1/6/2019 8:30:00 AM	1/30/2019 6:37:00 AM	2,4-Dinitrotoluene	n/a	<	0.9	µg/L	EPA 625	0.9	5	WKL	
MO-THO	2018/19-3	Wet	1/6/2019 8:30:00 AM	1/30/2019 6:37:00 AM	2,6-Dinitrotoluene	n/a	<	1.4	µg/L	EPA 625	1.4	5	WKL	
MO-THO	2018/19-3	Wet	1/6/2019 8:30:00 AM	1/30/2019 6:37:00 AM	2-Chloronaphthalene	n/a	<	2.2	µg/L	EPA 625	2.2	5	WKL	
MO-THO	2018/19-3	Wet	1/6/2019 8:30:00 AM	1/30/2019 6:37:00 AM	2-Chlorophenol	n/a	<	1.4	µg/L	EPA 625	1.4	5	WKL	
MO-THO	2018/19-3	Wet	1/6/2019 8:30:00 AM	2/6/2019 2:16:00 AM	2-Chlorophenol	n/a	<	3.2	µg/L	EPA 8270C	3.2	5	WKL	
MO-THO	2018/19-3	Wet	1/6/2019 8:30:00 AM	2/2/2019 2:42:00 AM	2-Methylnaphthalene	n/a	<	0.5	µg/L	EPA 8270C	0.5	0.5	WKL	
MO-THO	2018/19-3	Wet	1/6/2019 8:30:00 AM	2/6/2019 2:16:00 AM	2-Methylphenol	n/a	<	1.7	µg/L	EPA 8270C	1.7	5	WKL	
MO-THO	2018/19-3	Wet	1/6/2019 8:30:00 AM	1/30/2019 6:37:00 AM	2-Nitrophenol	n/a	<	1.3	µg/L	EPA 625	1.3	5	WKL	
MO-THO	2018/19-3	Wet	1/6/2019 8:30:00 AM	2/6/2019 2:16:00 AM	2-Nitrophenol	n/a	<	3.6	µg/L	EPA 8270C	3.6	5	WKL	
MO-THO	2018/19-3	Wet	1/6/2019 8:30:00 AM	1/30/2019 6:37:00 AM	3,3'-Dichlorobenzidine	n/a	<	6	µg/L	EPA 625	6	25	WKL	
MO-THO	2018/19-3	Wet	1/6/2019 8:30:00 AM	2/6/2019 2:16:00 AM	3-/4-Methylphenol	n/a	<	1.5	µg/L	EPA 8270C	1.5	5	WKL	
MO-THO	2018/19-3	Wet	1/6/2019 8:30:00 AM	1/30/2019 6:37:00 AM	4,6-Dinitro-2-methylphenol	n/a	<	8.6	µg/L	EPA 625	8.6	25	WKL	
MO-THO	2018/19-3	Wet	1/6/2019 8:30:00 AM	2/6/2019 2:16:00 AM	4,6-Dinitro-2-methylphenol	n/a	<	0.7	µg/L	EPA 8270C	0.7	5	WKL	
MO-THO	2018/19-3	Wet	1/6/2019 8:30:00 AM	1/30/2019 6:37:00 AM	4-Bromophenyl phenyl ether	n/a	<	1.8	µg/L	EPA 625	1.8	5	WKL	
MO-THO	2018/19-3	Wet	1/6/2019 8:30:00 AM	1/30/2019 6:37:00 AM	4-Chloro-3-methylphenol	n/a	<	1.2	µg/L	EPA 625	1.2	5	WKL	
MO-THO	2018/19-3	Wet	1/6/2019 8:30:00 AM	2/6/2019 2:16:00 AM	4-Chloro-3-methylphenol	n/a	<	1.8	µg/L	EPA 8270C	1.8	5	WKL	
MO-THO	2018/19-3	Wet	1/6/2019 8:30:00 AM	1/30/2019 6:37:00 AM	4-Chlorophenyl phenyl ether	n/a	<	2	µg/L	EPA 625	2	5	WKL	
MO-THO	2018/19-3	Wet	1/6/2019 8:30:00 AM	1/30/2019 6:37:00 AM	4-Nitrophenol	n/a	<	2.2	µg/L	EPA 625	2.2	25	WKL	
MO-THO	2018/19-3	Wet	1/6/2019 8:30:00 AM	2/6/2019 2:16:00 AM	4-Nitrophenol	n/a	<	5	µg/L	EPA 8270C	5	10	WKL	
MO-THO	2018/19-3	Wet	1/6/2019 8:30:00 AM	1/30/2019 6:37:00 AM	Acenaphthene	n/a	<	1.9	µg/L	EPA 625	1.9	5	WKL	
MO-THO	2018/19-3	Wet	1/6/2019 8:30:00 AM	2/2/2019 2:42:00 AM	Acenaphthene	n/a	<	0.5	µg/L	EPA 8270C	0.5	0.5	WKL	
MO-THO	2018/19-3	Wet	1/6/2019 8:30:00 AM	1/30/2019 6:37:00 AM	Acenaphthylene	n/a	<	2	µg/L	EPA 625	2	5	WKL	
MO-THO	2018/19-3	Wet	1/6/2019 8:30:00 AM	2/2/2019 2:42:00 AM	Acenaphthylene	n/a	<	0.5	µg/L	EPA 8270C	0.5	0.5	WKL	
MO-THO	2018/19-3	Wet	1/6/2019 8:30:00 AM	2/2/2019 2:42:00 AM	Anthracene	n/a	<	0.5	µg/L	EPA 8270C	0.5	0.5	WKL	
MO-THO	2018/19-3	Wet	1/6/2019 8:30:00 AM	1/30/2019 6:37:00 AM	Anthracene	n/a	<	1.7	µg/L	EPA 625	1.7	5	WKL	

Appendix G
Laboratory Environmental Analysis Results

Site ID	Event	Event Type	Sample Date	Analysis Date	Constituent	Fraction	Sign	Result	Units	Method	MDL	Reporting Limit	Analyzing Laboratory	Qualifier
MO-THO	2018/19-3	Wet	1/6/2019 8:30:00 AM	1/30/2019 6:37:00 AM	Benzo(a)anthracene	n/a	<	0.95	µg/L	EPA 625	0.95	5	WKL	
MO-THO	2018/19-3	Wet	1/6/2019 8:30:00 AM	2/2/2019 2:42:00 AM	Benzo(a)anthracene	n/a	<	0.5	µg/L	EPA 8270C	0.5	0.5	WKL	
MO-THO	2018/19-3	Wet	1/6/2019 8:30:00 AM	1/30/2019 6:37:00 AM	Benzo(a)anthracene	n/a	<	18	µg/L	EPA 625	18	50	WKL	
MO-THO	2018/19-3	Wet	1/6/2019 8:30:00 AM	2/1/2019 3:06:00 PM	Benzo(a)pyrene	n/a	<	0.35	µg/L	EPA 525.2	0.35	0.5	WKL	
MO-THO	2018/19-3	Wet	1/6/2019 8:30:00 AM	1/30/2019 6:37:00 AM	Benzo(a)pyrene	n/a	<	0.65	µg/L	EPA 625	0.65	5	WKL	
MO-THO	2018/19-3	Wet	1/6/2019 8:30:00 AM	2/2/2019 2:42:00 AM	Benzo(a)pyrene	n/a	<	0.5	µg/L	EPA 8270C	0.5	0.5	WKL	
MO-THO	2018/19-3	Wet	1/6/2019 8:30:00 AM	1/30/2019 6:37:00 AM	Benzo(b)fluoranthene	n/a	<	0.7	µg/L	EPA 625	0.7	5	WKL	
MO-THO	2018/19-3	Wet	1/6/2019 8:30:00 AM	2/2/2019 2:42:00 AM	Benzo(b)fluoranthene	n/a	<	0.5	µg/L	EPA 8270C	0.5	0.5	WKL	
MO-THO	2018/19-3	Wet	1/6/2019 8:30:00 AM	1/30/2019 6:37:00 AM	Benzo(g,h,i)perylene	n/a	<	0.5	µg/L	EPA 625	0.5	10	WKL	
MO-THO	2018/19-3	Wet	1/6/2019 8:30:00 AM	2/2/2019 2:42:00 AM	Benzo(g,h,i)perylene	n/a	<	0.5	µg/L	EPA 8270C	0.5	0.5	WKL	
MO-THO	2018/19-3	Wet	1/6/2019 8:30:00 AM	1/30/2019 6:37:00 AM	Benzo(k)fluoranthene	n/a	<	1.1	µg/L	EPA 625	1.1	5	WKL	
MO-THO	2018/19-3	Wet	1/6/2019 8:30:00 AM	2/2/2019 2:42:00 AM	Benzo(k)fluoranthene	n/a	<	0.5	µg/L	EPA 8270C	0.5	0.5	WKL	
MO-THO	2018/19-3	Wet	1/6/2019 8:30:00 AM	1/30/2019 6:37:00 AM	Bis(2-chloroethoxy)methane	n/a	<	1.2	µg/L	EPA 625	1.2	5	WKL	
MO-THO	2018/19-3	Wet	1/6/2019 8:30:00 AM	1/30/2019 6:37:00 AM	Bis(2-chloroethyl)ether	n/a	<	1.4	µg/L	EPA 625	1.4	5	WKL	
MO-THO	2018/19-3	Wet	1/6/2019 8:30:00 AM	1/30/2019 6:37:00 AM	Bis(2-chloroisopropyl)ether	n/a	<	1.9	µg/L	EPA 625	1.9	5	WKL	
MO-THO	2018/19-3	Wet	1/6/2019 8:30:00 AM	2/1/2019 3:06:00 PM	Bis(2-ethylhexyl)adipate	n/a	<	0.52	µg/L	EPA 525.2	0.52	25	WKL	
MO-THO	2018/19-3	Wet	1/6/2019 8:30:00 AM	2/1/2019 3:06:00 PM	Bis(2-ethylhexyl)phthalate	n/a	<	5.3	µg/L	EPA 525.2	5.3	15	WKL	
MO-THO	2018/19-3	Wet	1/6/2019 8:30:00 AM	1/30/2019 6:37:00 AM	Bis(2-ethylhexyl)phthalate	n/a	<	12	µg/L	EPA 625	12	25	WKL	
MO-THO	2018/19-3	Wet	1/6/2019 8:30:00 AM	1/30/2019 6:37:00 AM	Butyl benzyl phthalate	n/a	<	0.9	µg/L	EPA 625	0.9	5	WKL	
MO-THO	2018/19-3	Wet	1/6/2019 8:30:00 AM	1/30/2019 6:37:00 AM	Chrysene	n/a	<	0.95	µg/L	EPA 625	0.95	5	WKL	
MO-THO	2018/19-3	Wet	1/6/2019 8:30:00 AM	2/2/2019 2:42:00 AM	Chrysene	n/a	<	0.5	µg/L	EPA 8270C	0.5	0.5	WKL	
MO-THO	2018/19-3	Wet	1/6/2019 8:30:00 AM	1/30/2019 6:37:00 AM	Dibenz(a,h)anthracene	n/a	<	0.4	µg/L	EPA 625	0.4	10	WKL	
MO-THO	2018/19-3	Wet	1/6/2019 8:30:00 AM	2/2/2019 2:42:00 AM	Dibenz(a,h)anthracene	n/a	<	0.5	µg/L	EPA 8270C	0.5	0.5	WKL	
MO-THO	2018/19-3	Wet	1/6/2019 8:30:00 AM	1/30/2019 6:37:00 AM	Diethyl phthalate	n/a	<	0.75	µg/L	EPA 625	0.75	5	WKL	
MO-THO	2018/19-3	Wet	1/6/2019 8:30:00 AM	1/30/2019 6:37:00 AM	Dimethyl phthalate	n/a	DNQ	2.8	µg/L	EPA 625	0.9	5	WKL	
MO-THO	2018/19-3	Wet	1/6/2019 8:30:00 AM	1/30/2019 6:37:00 AM	Di-n-butylphthalate	n/a	<	1.2	µg/L	EPA 625	1.2	5	WKL	
MO-THO	2018/19-3	Wet	1/6/2019 8:30:00 AM	1/30/2019 6:37:00 AM	Di-n-octylphthalate	n/a	<	0.95	µg/L	EPA 625	0.95	5	WKL	
MO-THO	2018/19-3	Wet	1/6/2019 8:30:00 AM	1/30/2019 6:37:00 AM	Fluoranthene	n/a	<	1.1	µg/L	EPA 625	1.1	5	WKL	
MO-THO	2018/19-3	Wet	1/6/2019 8:30:00 AM	2/2/2019 2:42:00 AM	Fluoranthene	n/a	<	0.5	µg/L	EPA 8270C	0.5	0.5	WKL	
MO-THO	2018/19-3	Wet	1/6/2019 8:30:00 AM	1/30/2019 6:37:00 AM	Fluorene	n/a	<	1.8	µg/L	EPA 625	1.8	5	WKL	
MO-THO	2018/19-3	Wet	1/6/2019 8:30:00 AM	2/2/2019 2:42:00 AM	Fluorene	n/a	<	0.5	µg/L	EPA 8270C	0.5	0.5	WKL	
MO-THO	2018/19-3	Wet	1/6/2019 8:30:00 AM	1/30/2019 6:37:00 AM	Hexachlorobenzene	n/a	<	2.4	µg/L	EPA 625	2.4	5	WKL	
MO-THO	2018/19-3	Wet	1/6/2019 8:30:00 AM	1/30/2019 6:37:00 AM	Hexachlorobutadiene	n/a	<	2.4	µg/L	EPA 625	2.4	5	WKL	
MO-THO	2018/19-3	Wet	1/6/2019 8:30:00 AM	1/30/2019 6:37:00 AM	Hexachlorocyclopentadiene	n/a	<	7.3	µg/L	EPA 625	7.3	25	WKL	
MO-THO	2018/19-3	Wet	1/6/2019 8:30:00 AM	1/30/2019 6:37:00 AM	Hexachloroethane	n/a	<	2.6	µg/L	EPA 625	2.6	5	WKL	
MO-THO	2018/19-3	Wet	1/6/2019 8:30:00 AM	1/30/2019 6:37:00 AM	Indeno(1,2,3-cd)pyrene	n/a	<	0.6	µg/L	EPA 625	0.6	10	WKL	
MO-THO	2018/19-3	Wet	1/6/2019 8:30:00 AM	2/2/2019 2:42:00 AM	Indeno(1,2,3-cd)pyrene	n/a	<	0.5	µg/L	EPA 8270C	0.5	0.5	WKL	
MO-THO	2018/19-3	Wet	1/6/2019 8:30:00 AM	1/30/2019 6:37:00 AM	Isophorone	n/a	<	1	µg/L	EPA 625	1	5	WKL	
MO-THO	2018/19-3	Wet	1/6/2019 8:30:00 AM	1/30/2019 6:37:00 AM	Naphthalene	n/a	<	2.4	µg/L	EPA 625	2.4	5	WKL	
MO-THO	2018/19-3	Wet	1/6/2019 8:30:00 AM	2/2/2019 2:42:00 AM	Naphthalene	n/a	<	0.5	µg/L	EPA 8270C	0.5	0.5	WKL	
MO-THO	2018/19-3	Wet	1/6/2019 8:30:00 AM	1/30/2019 6:37:00 AM	Nitrobenzene	n/a	<	1.8	µg/L	EPA 625	1.8	5	WKL	
MO-THO	2018/19-3	Wet	1/6/2019 8:30:00 AM	1/30/2019 6:37:00 AM	N-Nitrosodimethylamine	n/a	<	0.7	µg/L	EPA 625	0.7	5	WKL	
MO-THO	2018/19-3	Wet	1/6/2019 8:30:00 AM	1/30/2019 6:37:00 AM	N-Nitrosodi-N-propylamine	n/a	<	1.3	µg/L	EPA 625	1.3	5	WKL	
MO-THO	2018/19-3	Wet	1/6/2019 8:30:00 AM	1/30/2019 6:37:00 AM	N-Nitrosodiphenylamine	n/a	<	0.95	µg/L	EPA 625	0.95	5	WKL	
MO-THO	2018/19-3	Wet	1/6/2019 8:30:00 AM	1/30/2019 6:37:00 AM	Phenanthrene	n/a	<	1.6	µg/L	EPA 625	1.6	5	WKL	
MO-THO	2018/19-3	Wet	1/6/2019 8:30:00 AM	2/2/2019 2:42:00 AM	Phenanthrene	n/a	<	0.5	µg/L	EPA 8270C	0.5	0.5	WKL	
MO-THO	2018/19-3	Wet	1/6/2019 8:30:00 AM	1/30/2019 6:37:00 AM	Phenol	n/a	<	0.8	µg/L	EPA 625	0.8	5	WKL	
MO-THO	2018/19-3	Wet	1/6/2019 8:30:00 AM	2/6/2019 2:16:00 AM	Phenol	n/a	<	1.8	µg/L	EPA 8270C	1.8	5	WKL	

Appendix G
Laboratory Environmental Analysis Results

Site ID	Event	Event Type	Sample Date	Analysis Date	Constituent	Fraction	Sign	Result	Units	Method	MDL	Reporting Limit	Analyzing Laboratory	Qualifier
MO-THO	2018/19-3	Wet	1/6/2019 8:30:00 AM	2/2/2019 2:42:00 AM	Pyrene	n/a	<	0.5	µg/L	EPA 8270C	0.5	0.5	WKL	
MO-THO	2018/19-3	Wet	1/6/2019 8:30:00 AM	1/30/2019 6:37:00 AM	Pyrene	n/a	<	1.2	µg/L	EPA 625	1.2	5	WKL	
MO-THO	2018/19-3	Wet	1/6/2019 8:30:00 AM	1/31/2019 4:42:00 AM	PCB Aroclor 1016	n/a	<	1	µg/L	EPA 608	1	10	WKL	
MO-THO	2018/19-3	Wet	1/6/2019 8:30:00 AM	1/31/2019 4:42:00 AM	PCB Aroclor 1221	n/a	<	1.2	µg/L	EPA 608	1.2	10	WKL	
MO-THO	2018/19-3	Wet	1/6/2019 8:30:00 AM	1/31/2019 4:42:00 AM	PCB Aroclor 1232	n/a	<	3	µg/L	EPA 608	3	10	WKL	
MO-THO	2018/19-3	Wet	1/6/2019 8:30:00 AM	1/31/2019 4:42:00 AM	PCB Aroclor 1242	n/a	<	1.4	µg/L	EPA 608	1.4	10	WKL	
MO-THO	2018/19-3	Wet	1/6/2019 8:30:00 AM	1/31/2019 4:42:00 AM	PCB Aroclor 1248	n/a	<	1.2	µg/L	EPA 608	1.2	10	WKL	
MO-THO	2018/19-3	Wet	1/6/2019 8:30:00 AM	1/31/2019 4:42:00 AM	PCB Aroclor 1254	n/a	<	0.8	µg/L	EPA 608	0.8	10	WKL	
MO-THO	2018/19-3	Wet	1/6/2019 8:30:00 AM	1/31/2019 4:42:00 AM	PCB Aroclor 1260	n/a	<	0.8	µg/L	EPA 608	0.8	10	WKL	
MO-THO	2018/19-3	Wet	1/6/2019 8:30:00 AM	1/16/2019 10:34:00 AM	2,4,5-T	n/a	<	0.07	µg/L	EPA 515.3	0.07	0.2	WKL	
MO-THO	2018/19-3	Wet	1/6/2019 8:30:00 AM	1/16/2019 10:34:00 AM	2,4,5-TP	n/a	<	0.09	µg/L	EPA 515.3	0.09	0.2	WKL	
MO-THO	2018/19-3	Wet	1/6/2019 8:30:00 AM	1/16/2019 10:34:00 AM	2,4-D	n/a	<	0.07	µg/L	EPA 515.3	0.07	0.4	WKL	
MO-THO	2018/19-3	Wet	1/6/2019 8:30:00 AM	1/16/2019 10:34:00 AM	2,4-DB	n/a	DNQ	0.56	µg/L	EPA 515.3	0.07	2	WKL	
MO-THO	2018/19-3	Wet	1/6/2019 8:30:00 AM	1/16/2019 10:34:00 AM	3,5-Dichlorobenzoic acid	n/a	<	0.09	µg/L	EPA 515.3	0.09	1	WKL	
MO-THO	2018/19-3	Wet	1/6/2019 8:30:00 AM	1/31/2019 4:42:00 AM	4,4'-DDD	n/a	<	0.06	µg/L	EPA 608	0.06	1	WKL	
MO-THO	2018/19-3	Wet	1/6/2019 8:30:00 AM	1/31/2019 4:42:00 AM	4,4'-DDE	n/a	<	0.05	µg/L	EPA 608	0.05	1	WKL	
MO-THO	2018/19-3	Wet	1/6/2019 8:30:00 AM	1/31/2019 4:42:00 AM	4,4'-DDT	n/a	<	0.062	µg/L	EPA 608	0.062	0.2	WKL	
MO-THO	2018/19-3	Wet	1/6/2019 8:30:00 AM	1/16/2019 10:34:00 AM	Acifluorfen	n/a	<	0.06	µg/L	EPA 515.3	0.06	0.4	WKL	
MO-THO	2018/19-3	Wet	1/6/2019 8:30:00 AM	2/1/2019 3:06:00 PM	Alachlor	n/a	<	0.11	µg/L	EPA 525.2	0.11	0.5	WKL	
MO-THO	2018/19-3	Wet	1/6/2019 8:30:00 AM	1/31/2019 4:42:00 AM	Aldrin	n/a	<	0.03	µg/L	EPA 608	0.03	0.1	WKL	
MO-THO	2018/19-3	Wet	1/6/2019 8:30:00 AM	1/31/2019 4:42:00 AM	alpha-BHC	n/a	<	0.036	µg/L	EPA 608	0.036	0.2	WKL	
MO-THO	2018/19-3	Wet	1/6/2019 8:30:00 AM	1/31/2019 4:42:00 AM	alpha-Chlordane	n/a	<	0.082	µg/L	EPA 608	0.082	0.2	WKL	
MO-THO	2018/19-3	Wet	1/6/2019 8:30:00 AM	2/1/2019 3:06:00 PM	Atrazine	n/a	<	0.17	µg/L	EPA 525.2	0.17	0.5	WKL	
MO-THO	2018/19-3	Wet	1/6/2019 8:30:00 AM	1/26/2019 3:49:00 AM	Azinphos methyl	n/a	<	0.055	µg/L	EPA 525.2m	0.055	0.1	WKL	
MO-THO	2018/19-3	Wet	1/6/2019 8:30:00 AM	1/16/2019 10:34:00 AM	Bentazon	n/a	<	0.11	µg/L	EPA 515.3	0.11	2	WKL	
MO-THO	2018/19-3	Wet	1/6/2019 8:30:00 AM	1/31/2019 4:42:00 AM	beta-BHC	n/a	<	0.062	µg/L	EPA 608	0.062	0.1	WKL	
MO-THO	2018/19-3	Wet	1/6/2019 8:30:00 AM	1/26/2019 3:49:00 AM	Bolstar	n/a	<	0.046	µg/L	EPA 525.2m	0.046	0.1	WKL	
MO-THO	2018/19-3	Wet	1/6/2019 8:30:00 AM	2/1/2019 3:06:00 PM	Bromacil	n/a	<	0.19	µg/L	EPA 525.2	0.19	5	WKL	
MO-THO	2018/19-3	Wet	1/6/2019 8:30:00 AM	2/1/2019 3:06:00 PM	Butachlor	n/a	<	0.085	µg/L	EPA 525.2	0.085	1	WKL	
MO-THO	2018/19-3	Wet	1/6/2019 8:30:00 AM	2/1/2019 3:06:00 PM	Captan	n/a	<	4.3	µg/L	EPA 525.2	4.3	5	WKL	LB-LCSR
MO-THO	2018/19-3	Wet	1/6/2019 8:30:00 AM	1/31/2019 4:42:00 AM	Chlordane (technical)	n/a	<	1.6	µg/L	EPA 608	1.6	2	WKL	
MO-THO	2018/19-3	Wet	1/6/2019 8:30:00 AM	2/1/2019 3:06:00 PM	Chlorpropham	n/a	<	0.05	µg/L	EPA 525.2	0.05	0.5	WKL	
MO-THO	2018/19-3	Wet	1/6/2019 8:30:00 AM	1/26/2019 3:49:00 AM	Chlorpyrifos	n/a	<	0.069	µg/L	EPA 525.2m	0.069	0.1	WKL	
MO-THO	2018/19-3	Wet	1/6/2019 8:30:00 AM	1/26/2019 3:49:00 AM	Coumaphos	n/a	<	0.051	µg/L	EPA 525.2m	0.051	0.1	WKL	
MO-THO	2018/19-3	Wet	1/6/2019 8:30:00 AM	2/1/2019 3:06:00 PM	Cyanazine	n/a	<	0.12	µg/L	EPA 525.2	0.12	0.5	WKL	
MO-THO	2018/19-3	Wet	1/6/2019 8:30:00 AM	1/16/2019 10:34:00 AM	Dalapon	n/a	<	0.1	µg/L	EPA 515.3	0.1	0.4	WKL	
MO-THO	2018/19-3	Wet	1/6/2019 8:30:00 AM	1/16/2019 10:34:00 AM	DCPA (Daacthal)	n/a	<	0.07	µg/L	EPA 515.3	0.07	0.1	WKL	
MO-THO	2018/19-3	Wet	1/6/2019 8:30:00 AM	1/31/2019 4:42:00 AM	delta-BHC	n/a	<	0.05	µg/L	EPA 608	0.05	0.1	WKL	
MO-THO	2018/19-3	Wet	1/6/2019 8:30:00 AM	1/26/2019 3:49:00 AM	Demeton-O	n/a	<	0.1	µg/L	EPA 525.2m	0.1	0.1	WKL	
MO-THO	2018/19-3	Wet	1/6/2019 8:30:00 AM	1/26/2019 3:49:00 AM	Demeton-S	n/a	<	0.1	µg/L	EPA 525.2m	0.1	0.1	WKL	
MO-THO	2018/19-3	Wet	1/6/2019 8:30:00 AM	2/1/2019 3:06:00 PM	Diazinon	n/a	<	0.48	µg/L	EPA 525.2	0.48	0.5	WKL	
MO-THO	2018/19-3	Wet	1/6/2019 8:30:00 AM	1/26/2019 3:49:00 AM	Diazinon	n/a	<	0.052	µg/L	EPA 525.2m	0.052	0.1	WKL	
MO-THO	2018/19-3	Wet	1/6/2019 8:30:00 AM	1/16/2019 10:34:00 AM	Dicamba	n/a	<	0.12	µg/L	EPA 515.3	0.12	0.6	WKL	
MO-THO	2018/19-3	Wet	1/6/2019 8:30:00 AM	1/16/2019 10:34:00 AM	Dichlorprop	n/a	<	0.08	µg/L	EPA 515.3	0.08	0.3	WKL	
MO-THO	2018/19-3	Wet	1/6/2019 8:30:00 AM	1/26/2019 3:49:00 AM	Dichlorvos	n/a	<	0.029	µg/L	EPA 525.2m	0.029	0.1	WKL	
MO-THO	2018/19-3	Wet	1/6/2019 8:30:00 AM	1/31/2019 4:42:00 AM	Dieldrin	n/a	<	0.042	µg/L	EPA 608	0.042	0.2	WKL	
MO-THO	2018/19-3	Wet	1/6/2019 8:30:00 AM	1/26/2019 3:49:00 AM	Dimethoate	n/a	<	0.062	µg/L	EPA 525.2m	0.062	0.1	WKL	
MO-THO	2018/19-3	Wet	1/6/2019 8:30:00 AM	2/1/2019 3:06:00 PM	Dimethoate	n/a	<	0.12	µg/L	EPA 525.2	0.12	1	WKL	

Appendix G
Laboratory Environmental Analysis Results

Site ID	Event	Event Type	Sample Date	Analysis Date	Constituent	Fraction	Sign	Result	Units	Method	MDL	Reporting Limit	Analyzing Laboratory	Qualifier
MO-THO	2018/19-3	Wet	1/6/2019 8:30:00 AM	1/16/2019 10:34:00 AM	Dinoseb	n/a	<	0.14	µg/L	EPA 515.3	0.14	0.4	WKL	
MO-THO	2018/19-3	Wet	1/6/2019 8:30:00 AM	2/1/2019 3:06:00 PM	Diphenamid	n/a	<	0.12	µg/L	EPA 525.2	0.12	0.5	WKL	
MO-THO	2018/19-3	Wet	1/6/2019 8:30:00 AM	2/1/2019 3:06:00 PM	Disulfoton	n/a	<	0.16	µg/L	EPA 525.2	0.16	0.5	WKL	
MO-THO	2018/19-3	Wet	1/6/2019 8:30:00 AM	1/26/2019 3:49:00 AM	Disulfoton	n/a	<	0.1	µg/L	EPA 525.2m	0.1	0.1	WKL	
MO-THO	2018/19-3	Wet	1/6/2019 8:30:00 AM	1/31/2019 4:42:00 AM	Endosulfan I	n/a	<	0.034	µg/L	EPA 608	0.034	0.4	WKL	
MO-THO	2018/19-3	Wet	1/6/2019 8:30:00 AM	1/31/2019 4:42:00 AM	Endosulfan II	n/a	<	0.038	µg/L	EPA 608	0.038	0.2	WKL	
MO-THO	2018/19-3	Wet	1/6/2019 8:30:00 AM	1/31/2019 4:42:00 AM	Endosulfan sulfate	n/a	<	0.16	µg/L	EPA 608	0.16	1	WKL	
MO-THO	2018/19-3	Wet	1/6/2019 8:30:00 AM	1/31/2019 4:42:00 AM	Endrin	n/a	<	0.056	µg/L	EPA 608	0.056	0.2	WKL	
MO-THO	2018/19-3	Wet	1/6/2019 8:30:00 AM	1/31/2019 4:42:00 AM	Endrin aldehyde	n/a	<	0.06	µg/L	EPA 608	0.06	0.2	WKL	LB-LCSR
MO-THO	2018/19-3	Wet	1/6/2019 8:30:00 AM	2/1/2019 3:06:00 PM	EPTC	n/a	<	0.085	µg/L	EPA 525.2	0.085	5	WKL	
MO-THO	2018/19-3	Wet	1/6/2019 8:30:00 AM	1/26/2019 3:49:00 AM	Ethoprop	n/a	<	0.067	µg/L	EPA 525.2m	0.067	0.1	WKL	
MO-THO	2018/19-3	Wet	1/6/2019 8:30:00 AM	1/26/2019 3:49:00 AM	Ethyl parathion	n/a	<	0.054	µg/L	EPA 525.2m	0.054	0.1	WKL	
MO-THO	2018/19-3	Wet	1/6/2019 8:30:00 AM	1/26/2019 3:49:00 AM	Fensulfothion	n/a	<	0.029	µg/L	EPA 525.2m	0.029	0.1	WKL	
MO-THO	2018/19-3	Wet	1/6/2019 8:30:00 AM	1/26/2019 3:49:00 AM	Fenthion	n/a	<	0.038	µg/L	EPA 525.2m	0.038	0.1	WKL	
MO-THO	2018/19-3	Wet	1/6/2019 8:30:00 AM	1/31/2019 4:42:00 AM	gamma-BHC (Lindane)	n/a	<	0.042	µg/L	EPA 608	0.042	0.4	WKL	
MO-THO	2018/19-3	Wet	1/6/2019 8:30:00 AM	1/31/2019 4:42:00 AM	gamma-Chlordane	n/a	<	0.088	µg/L	EPA 608	0.088	0.2	WKL	
MO-THO	2018/19-3	Wet	1/6/2019 8:30:00 AM	1/16/2019 1:43:00 PM	Glyphosate	n/a	<	9	µg/L	EPA 547	9	25	WKL	
MO-THO	2018/19-3	Wet	1/6/2019 8:30:00 AM	1/31/2019 4:42:00 AM	Heptachlor	n/a	<	0.034	µg/L	EPA 608	0.034	0.2	WKL	
MO-THO	2018/19-3	Wet	1/6/2019 8:30:00 AM	1/31/2019 4:42:00 AM	Heptachlor epoxide	n/a	<	0.038	µg/L	EPA 608	0.038	0.2	WKL	
MO-THO	2018/19-3	Wet	1/6/2019 8:30:00 AM	1/26/2019 3:49:00 AM	Malathion	n/a	<	0.076	µg/L	EPA 525.2m	0.076	0.1	WKL	
MO-THO	2018/19-3	Wet	1/6/2019 8:30:00 AM	1/26/2019 3:49:00 AM	Merphos	n/a	<	0.058	µg/L	EPA 525.2m	0.058	0.1	WKL	
MO-THO	2018/19-3	Wet	1/6/2019 8:30:00 AM	1/31/2019 4:42:00 AM	Methoxychlor	n/a	<	0.11	µg/L	EPA 608	0.11	0.4	WKL	
MO-THO	2018/19-3	Wet	1/6/2019 8:30:00 AM	1/26/2019 3:49:00 AM	Methyl parathion	n/a	<	0.063	µg/L	EPA 525.2m	0.063	0.1	WKL	
MO-THO	2018/19-3	Wet	1/6/2019 8:30:00 AM	2/1/2019 3:06:00 PM	Metolachlor	n/a	<	0.06	µg/L	EPA 525.2	0.06	0.5	WKL	
MO-THO	2018/19-3	Wet	1/6/2019 8:30:00 AM	2/1/2019 3:06:00 PM	Metribuzin	n/a	<	0.075	µg/L	EPA 525.2	0.075	0.5	WKL	
MO-THO	2018/19-3	Wet	1/6/2019 8:30:00 AM	1/26/2019 3:49:00 AM	Mevinphos	n/a	<	0.042	µg/L	EPA 525.2m	0.042	0.1	WKL	
MO-THO	2018/19-3	Wet	1/6/2019 8:30:00 AM	2/1/2019 3:06:00 PM	Molinate	n/a	<	0.2	µg/L	EPA 525.2	0.2	0.5	WKL	
MO-THO	2018/19-3	Wet	1/6/2019 8:30:00 AM	1/26/2019 3:49:00 AM	Naled	n/a	<	0.076	µg/L	EPA 525.2m	0.076	0.1	WKL	
MO-THO	2018/19-3	Wet	1/6/2019 8:30:00 AM	1/16/2019 10:34:00 AM	Pentachlorophenol	n/a	<	0.04	µg/L	EPA 515.3	0.04	0.2	WKL	
MO-THO	2018/19-3	Wet	1/6/2019 8:30:00 AM	1/30/2019 6:37:00 AM	Pentachlorophenol	n/a	<	0.95	µg/L	EPA 625	0.95	5	WKL	
MO-THO	2018/19-3	Wet	1/6/2019 8:30:00 AM	2/6/2019 2:16:00 AM	Pentachlorophenol	n/a	<	0.75	µg/L	EPA 8270C	0.75	5	WKL	
MO-THO	2018/19-3	Wet	1/6/2019 8:30:00 AM	1/26/2019 3:49:00 AM	Phorate	n/a	<	0.03	µg/L	EPA 525.2m	0.03	0.1	WKL	
MO-THO	2018/19-3	Wet	1/6/2019 8:30:00 AM	1/16/2019 10:34:00 AM	Picloram	n/a	<	0.05	µg/L	EPA 515.3	0.05	0.6	WKL	
MO-THO	2018/19-3	Wet	1/6/2019 8:30:00 AM	2/1/2019 3:06:00 PM	Prometon	n/a	<	0.12	µg/L	EPA 525.2	0.12	1	WKL	
MO-THO	2018/19-3	Wet	1/6/2019 8:30:00 AM	2/1/2019 3:06:00 PM	Prometryn	n/a	<	0.18	µg/L	EPA 525.2	0.18	0.5	WKL	
MO-THO	2018/19-3	Wet	1/6/2019 8:30:00 AM	1/26/2019 3:49:00 AM	Ronnel (Fenchlorphos)	n/a	<	0.041	µg/L	EPA 525.2m	0.041	0.1	WKL	
MO-THO	2018/19-3	Wet	1/6/2019 8:30:00 AM	2/1/2019 3:06:00 PM	Simazine	n/a	<	0.075	µg/L	EPA 525.2	0.075	0.5	WKL	
MO-THO	2018/19-3	Wet	1/6/2019 8:30:00 AM	1/26/2019 3:49:00 AM	Stirophos (Tetrachlorvinphos)	n/a	<	0.031	µg/L	EPA 525.2m	0.031	0.1	WKL	
MO-THO	2018/19-3	Wet	1/6/2019 8:30:00 AM	2/1/2019 3:06:00 PM	Terbacil	n/a	<	2.8	µg/L	EPA 525.2	2.8	10	WKL	
MO-THO	2018/19-3	Wet	1/6/2019 8:30:00 AM	2/1/2019 3:06:00 PM	Thiobencarb	n/a	<	0.12	µg/L	EPA 525.2	0.12	1	WKL	
MO-THO	2018/19-3	Wet	1/6/2019 8:30:00 AM	1/26/2019 3:49:00 AM	Tokuthion	n/a	<	0.078	µg/L	EPA 525.2m	0.078	0.1	WKL	
MO-THO	2018/19-3	Wet	1/6/2019 8:30:00 AM	1/31/2019 4:42:00 AM	Toxaphene	n/a	<	2.4	µg/L	EPA 608	2.4	10	WKL	
MO-THO	2018/19-3	Wet	1/6/2019 8:30:00 AM	1/26/2019 3:49:00 AM	Trichloronate	n/a	<	0.067	µg/L	EPA 525.2m	0.067	0.1	WKL	
MO-THO	2018/19-3	Wet	1/6/2019 8:30:00 AM	2/1/2019 3:06:00 PM	Trithion	n/a	<	0.06	µg/L	EPA 525.2	0.06	0.5	WKL	
MO-THO	2018/19-3	Wet	1/6/2019 8:40:00 AM	1/6/2019 8:40:00 AM	Conductivity	n/a	=	203.3	µmhos/cm	Field Meter	-88	1	Field Crew	
MO-THO	2018/19-3	Wet	1/6/2019 8:40:00 AM	1/16/2019 4:44:00 PM	Cyanide	Total	DNQ	0.001	mg/L	ASTM D7511	0.0005	0.002	WKL	
MO-THO	2018/19-3	Wet	1/6/2019 8:40:00 AM	1/6/2019 8:40:00 AM	DO	n/a	=	92.2	%	Field Meter	-88	0.1	Field Crew	
MO-THO	2018/19-3	Wet	1/6/2019 8:40:00 AM	1/6/2019 8:40:00 AM	DO	n/a	=	10.47	mg/L	Field Meter	-88	0.3	Field Crew	

Appendix G
Laboratory Environmental Analysis Results

Site ID	Event	Event Type	Sample Date	Analysis Date	Constituent	Fraction	Sign	Result	Units	Method	MDL	Reporting Limit	Analyzing Laboratory	Qualifier
MO-THO	2018/19-3	Wet	1/6/2019 8:40:00 AM	1/6/2019 8:40:00 AM	pH	n/a	=	7.29	pH Units	Field Meter	-88	0.01	Field Crew	
MO-THO	2018/19-3	Wet	1/6/2019 8:40:00 AM	1/6/2019 8:40:00 AM	Salinity	n/a	=	100	mg/L	Field Meter	-88	100	Field Crew	
MO-THO	2018/19-3	Wet	1/6/2019 8:40:00 AM	1/6/2019 8:40:00 AM	Specific Conductance	n/a	=	288.3	µmhos/cm	Field Meter	-88	1	Field Crew	
MO-THO	2018/19-3	Wet	1/6/2019 8:40:00 AM	1/6/2019 8:40:00 AM	Temperature	n/a	=	9.6	°C	Field Meter	-88	0.1	Field Crew	
MO-THO	2018/19-3	Wet	1/6/2019 8:40:00 AM	1/12/2019 2:58:00 PM	Gasoline Range Organics	n/a	<	0.012	mg/L	LUFT GC/MS	0.012	0.1	WKL	
MO-THO	2018/19-3	Wet	1/6/2019 8:40:00 AM	1/11/2019 3:00:00 PM	Oil and Grease	n/a	<	1.3	mg/L	EPA 1664A	1.3	5	WKL	
MO-THO	2018/19-3	Wet	1/6/2019 8:40:00 AM	1/8/2019 10:35:00 PM	2-Chloroethyl vinyl ether	n/a	<	0.28	µg/L	EPA 624	0.28	1	WKL	
MO-THO	2018/19-3	Wet	1/6/2019 8:40:00 AM	1/8/2019 10:35:00 PM	Methyl tert-butyl ether (MTBE)	n/a	<	0.25	µg/L	EPA 624	0.25	1	WKL	
MO-THO	2018/19-5	Dry	5/14/2019 10:40:00 AM	5/17/2019 12:00:00 PM	Chloride	n/a	=	230	mg/L	EPA 300.0	0.2	1	WKL	
MO-THO	2018/19-5	Dry	5/14/2019 10:40:00 AM	5/17/2019 5:55:00 PM	Fluoride	n/a	=	0.32	mg/L	EPA 300.0	0.04	0.2	WKL	
MO-THO	2018/19-5	Dry	5/14/2019 10:40:00 AM	5/18/2019 9:51:00 AM	Perchlorate	n/a	<	1.9	µg/L	EPA 314.0	1.9	4	WKL	
MO-THO	2018/19-5	Dry	5/14/2019 10:40:00 AM	5/17/2019 12:00:00 PM	Sulfate	Total	=	340	mg/L	EPA 300.0	0.2	1	WKL	
MO-THO	2018/19-5	Dry	5/14/2019 10:40:00 AM	5/15/2019 8:00:00 AM	E. Coli	n/a	=	175	MPN/100 mL	MMO-MUG	10	10	VCHCA	
MO-THO	2018/19-5	Dry	5/14/2019 10:40:00 AM	5/15/2019 8:00:00 AM	Total Coliform	n/a	=	1956	MPN/100 mL	MMO-MUG	10	10	VCHCA	
MO-THO	2018/19-5	Dry	5/14/2019 10:40:00 AM	5/22/2019 5:55:00 PM	Calcium	Total	=	118	mg/L	EPA 200.7	0.016	0.1	WKL	
MO-THO	2018/19-5	Dry	5/14/2019 10:40:00 AM	5/22/2019 5:55:00 PM	Magnesium	Total	=	107	mg/L	EPA 200.7	0.012	0.1	WKL	
MO-THO	2018/19-5	Dry	5/14/2019 10:40:00 AM	5/22/2019 5:55:00 PM	Potassium	Total	=	2.6	mg/L	EPA 200.7	0.081	0.1	WKL	
MO-THO	2018/19-5	Dry	5/14/2019 10:40:00 AM	5/22/2019 5:55:00 PM	Sodium	Total	=	160	mg/L	EPA 200.7	0.015	0.5	WKL	
MO-THO	2018/19-5	Dry	5/14/2019 10:40:00 AM	5/17/2019 2:10:00 PM	Alkalinity as CaCO3	n/a	=	400	mg/L	SM 2320 B	0.56	2	WKL	
MO-THO	2018/19-5	Dry	5/14/2019 10:40:00 AM	5/20/2019 6:52:00 PM	BOD	n/a	<	2	mg/L	SM 5210 B	2	2	WKL	
MO-THO	2018/19-5	Dry	5/14/2019 10:40:00 AM	5/17/2019 3:11:00 PM	COD	n/a	=	9.2	mg/L	EPA 410.4	0.73	5	WKL	
MO-THO	2018/19-5	Dry	5/14/2019 10:40:00 AM	5/14/2019 10:40:00 AM	Conductivity	n/a	=	1644	µmhos/cm	Field Meter	-88	1	Field Crew	
MO-THO	2018/19-5	Dry	5/14/2019 10:40:00 AM	5/23/2019 5:06:00 PM	Cyanide	Total	<	0.0005	mg/L	ASTM D7511	0.0005	0.002	WKL	
MO-THO	2018/19-5	Dry	5/14/2019 10:40:00 AM	5/17/2019 2:14:00 PM	Dissolved Inorganic Carbon	Dissolved	=	93	mg/L	SM 5310 B	0.016	0.1	WKL	
MO-THO	2018/19-5	Dry	5/14/2019 10:40:00 AM	5/22/2019 2:50:00 PM	Dissolved Organic Carbon	Dissolved	=	4.6	mg/L	SM 5310 B	0.013	0.3	WKL	
MO-THO	2018/19-5	Dry	5/14/2019 10:40:00 AM	5/14/2019 10:40:00 AM	DO	n/a	=	8.55	mg/L	Field Meter	-88	0.3	Field Crew	
MO-THO	2018/19-5	Dry	5/14/2019 10:40:00 AM	5/14/2019 10:40:00 AM	DO	n/a	=	89.6	%	Field Meter	-88	0.1	Field Crew	
MO-THO	2018/19-5	Dry	5/14/2019 10:40:00 AM	5/22/2019 5:55:00 PM	Hardness as CaCO3	Total	=	737	mg/L	EPA 200.7	0.0894	0.662	WKL	
MO-THO	2018/19-5	Dry	5/14/2019 10:40:00 AM	5/15/2019 7:15:00 PM	MBAS	n/a	DNQ	0.036	mg/L	SM 5540 C	0.019	0.05	WKL	
MO-THO	2018/19-5	Dry	5/14/2019 10:40:00 AM	5/14/2019 10:40:00 AM	pH	n/a	=	8.24	pH Units	Field Meter	-88	0.01	Field Crew	
MO-THO	2018/19-5	Dry	5/14/2019 10:40:00 AM	5/21/2019 6:19:00 PM	Phenolics	n/a	<	0.0042	mg/L	EPA 420.4	0.0042	0.01	WKL	
MO-THO	2018/19-5	Dry	5/14/2019 10:40:00 AM	5/14/2019 10:40:00 AM	Salinity	n/a	=	1000	mg/L	Field Meter	-88	100	Field Crew	
MO-THO	2018/19-5	Dry	5/14/2019 10:40:00 AM	5/14/2019 10:40:00 AM	Specific Conductance	n/a	=	1932	µmhos/cm	Field Meter	-88	1	Field Crew	
MO-THO	2018/19-5	Dry	5/14/2019 10:40:00 AM	5/16/2019 12:59:00 PM	Specific Conductance	n/a	=	2200	µmhos/cm	SM 2510 B	0.7	6	WKL	
MO-THO	2018/19-5	Dry	5/14/2019 10:40:00 AM	5/14/2019 10:40:00 AM	Temperature	n/a	=	17.2	°C	Field Meter	-88	0.1	Field Crew	
MO-THO	2018/19-5	Dry	5/14/2019 10:40:00 AM	5/15/2019 6:39:00 PM	Total Dissolved Solids	n/a	=	1300	mg/L	SM 2540 C	4	10	WKL	
MO-THO	2018/19-5	Dry	5/14/2019 10:40:00 AM	5/20/2019 3:38:00 PM	Total Organic Carbon	n/a	=	4.2	mg/L	SM 5310 B	0.009	0.3	WKL	
MO-THO	2018/19-5	Dry	5/14/2019 10:40:00 AM	5/17/2019 9:28:00 AM	Total Suspended Solids	n/a	DNQ	0.5	mg/L	SM 2540 D	-88	5	WKL	UL-MB
MO-THO	2018/19-5	Dry	5/14/2019 10:40:00 AM	5/14/2019 5:51:00 PM	Turbidity	n/a	=	0.31	NTU	EPA 180.1	0.024	0.1	WKL	
MO-THO	2018/19-5	Dry	5/14/2019 10:40:00 AM	5/17/2019 9:28:00 AM	Volatile Suspended Solids	n/a	<	3.1	mg/L	EPA 160.4	3.1	5	WKL	
MO-THO	2018/19-5	Dry	5/14/2019 10:40:00 AM	5/25/2019 7:10:00 AM	Diesel Range Organics	n/a	DNQ	0.082	mg/L	EPA 8015D	0.024	0.1	WKL	UL-MB
MO-THO	2018/19-5	Dry	5/14/2019 10:40:00 AM	5/25/2019 1:10:00 AM	Gasoline Range Organics	n/a	<	0.012	mg/L	LUFT GC/MS	0.012	0.1	WKL	
MO-THO	2018/19-5	Dry	5/14/2019 10:40:00 AM	5/21/2019 9:05:00 AM	Oil and Grease	n/a	<	1.3	mg/L	EPA 1664A	1.3	5	WKL	
MO-THO	2018/19-5	Dry	5/14/2019 10:40:00 AM	5/25/2019 7:10:00 AM	Oil Range Organics	n/a	<	0.33	mg/L	EPA 8015D	0.33	0.5	WKL	
MO-THO	2018/19-5	Dry	5/14/2019 10:40:00 AM	5/23/2019 3:38:00 PM	Aluminum	Dissolved	DNQ	2.1	µg/L	EPA 200.8	1.3	5	WKL	UL-MB
MO-THO	2018/19-5	Dry	5/14/2019 10:40:00 AM	5/23/2019 3:51:00 PM	Aluminum	Total	=	18	µg/L	EPA 200.8	1.3	5	WKL	
MO-THO	2018/19-5	Dry	5/14/2019 10:40:00 AM	5/23/2019 3:38:00 PM	Antimony	Dissolved	DNQ	0.15	µg/L	EPA 200.8	0.045	0.5	WKL	
MO-THO	2018/19-5	Dry	5/14/2019 10:40:00 AM	5/23/2019 3:51:00 PM	Antimony	Total	DNQ	0.14	µg/L	EPA 200.8	0.045	0.5	WKL	

Appendix G
Laboratory Environmental Analysis Results

Site ID	Event	Event Type	Sample Date	Analysis Date	Constituent	Fraction	Sign	Result	Units	Method	MDL	Reporting Limit	Analyzing Laboratory	Qualifier
MO-THO	2018/19-5	Dry	5/14/2019 10:40:00 AM	5/23/2019 3:38:00 PM	Arsenic	Dissolved	=	2.6	µg/L	EPA 200.8	0.074	0.4	WKL	
MO-THO	2018/19-5	Dry	5/14/2019 10:40:00 AM	5/23/2019 3:51:00 PM	Arsenic	Total	=	2.5	µg/L	EPA 200.8	0.074	0.4	WKL	
MO-THO	2018/19-5	Dry	5/14/2019 10:40:00 AM	5/23/2019 3:51:00 PM	Barium	Total	=	19	µg/L	EPA 200.8	0.071	0.5	WKL	
MO-THO	2018/19-5	Dry	5/14/2019 10:40:00 AM	5/23/2019 3:38:00 PM	Beryllium	Dissolved	<	0.033	µg/L	EPA 200.8	0.033	0.1	WKL	
MO-THO	2018/19-5	Dry	5/14/2019 10:40:00 AM	5/23/2019 3:51:00 PM	Beryllium	Total	<	0.033	µg/L	EPA 200.8	0.033	0.1	WKL	
MO-THO	2018/19-5	Dry	5/14/2019 10:40:00 AM	5/23/2019 3:38:00 PM	Cadmium	Dissolved	<	0.041	µg/L	EPA 200.8	0.041	0.1	WKL	
MO-THO	2018/19-5	Dry	5/14/2019 10:40:00 AM	5/23/2019 3:51:00 PM	Cadmium	Total	<	0.041	µg/L	EPA 200.8	0.041	0.1	WKL	
MO-THO	2018/19-5	Dry	5/14/2019 10:40:00 AM	5/23/2019 3:38:00 PM	Chromium	Dissolved	=	0.3	µg/L	EPA 200.8	0.035	0.2	WKL	
MO-THO	2018/19-5	Dry	5/14/2019 10:40:00 AM	5/23/2019 3:51:00 PM	Chromium	Total	=	0.31	µg/L	EPA 200.8	0.035	0.2	WKL	
MO-THO	2018/19-5	Dry	5/14/2019 10:40:00 AM	5/15/2019 3:10:00 PM	Chromium VI	n/a	=	0.24	µg/L	EPA 218.6	0.0048	0.02	WKL	
MO-THO	2018/19-5	Dry	5/14/2019 10:40:00 AM	5/23/2019 3:38:00 PM	Copper	Dissolved	=	0.84	µg/L	EPA 200.8	0.13	0.5	WKL	
MO-THO	2018/19-5	Dry	5/14/2019 10:40:00 AM	5/23/2019 3:51:00 PM	Copper	Total	=	0.93	µg/L	EPA 200.8	0.13	0.5	WKL	
MO-THO	2018/19-5	Dry	5/14/2019 10:40:00 AM	5/22/2019 5:41:00 PM	Iron	Dissolved	DNQ	5	µg/L	EPA 200.7	1.1	10	WKL	
MO-THO	2018/19-5	Dry	5/14/2019 10:40:00 AM	5/22/2019 5:55:00 PM	Iron	Total	=	24	µg/L	EPA 200.7	1.1	10	WKL	
MO-THO	2018/19-5	Dry	5/14/2019 10:40:00 AM	5/23/2019 3:38:00 PM	Lead	Dissolved	<	0.031	µg/L	EPA 200.8	0.031	0.2	WKL	
MO-THO	2018/19-5	Dry	5/14/2019 10:40:00 AM	5/23/2019 3:51:00 PM	Lead	Total	DNQ	0.036	µg/L	EPA 200.8	0.031	0.2	WKL	
MO-THO	2018/19-5	Dry	5/14/2019 10:40:00 AM	5/18/2019 1:43:00 PM	Mercury	Dissolved	<	17	ng/L	EPA 245.1	17	50	WKL	
MO-THO	2018/19-5	Dry	5/14/2019 10:40:00 AM	5/18/2019 1:45:00 PM	Mercury	Total	<	17	ng/L	EPA 245.1	17	50	WKL	
MO-THO	2018/19-5	Dry	5/14/2019 10:40:00 AM	5/23/2019 3:38:00 PM	Nickel	Dissolved	=	1.5	µg/L	EPA 200.8	0.045	0.8	WKL	
MO-THO	2018/19-5	Dry	5/14/2019 10:40:00 AM	5/23/2019 3:51:00 PM	Nickel	Total	=	1.6	µg/L	EPA 200.8	0.045	0.8	WKL	
MO-THO	2018/19-5	Dry	5/14/2019 10:40:00 AM	5/23/2019 3:38:00 PM	Selenium	Dissolved	=	1.1	µg/L	EPA 200.8	0.14	0.4	WKL	
MO-THO	2018/19-5	Dry	5/14/2019 10:40:00 AM	5/23/2019 3:51:00 PM	Selenium	Total	=	1.1	µg/L	EPA 200.8	0.14	0.4	WKL	
MO-THO	2018/19-5	Dry	5/14/2019 10:40:00 AM	5/23/2019 3:38:00 PM	Silver	Dissolved	<	0.062	µg/L	EPA 200.8	0.062	0.2	WKL	
MO-THO	2018/19-5	Dry	5/14/2019 10:40:00 AM	5/23/2019 3:51:00 PM	Silver	Total	<	0.062	µg/L	EPA 200.8	0.062	0.2	WKL	
MO-THO	2018/19-5	Dry	5/14/2019 10:40:00 AM	5/23/2019 3:38:00 PM	Thallium	Dissolved	<	0.014	µg/L	EPA 200.8	0.014	0.2	WKL	
MO-THO	2018/19-5	Dry	5/14/2019 10:40:00 AM	5/23/2019 3:51:00 PM	Thallium	Total	<	0.014	µg/L	EPA 200.8	0.014	0.2	WKL	
MO-THO	2018/19-5	Dry	5/14/2019 10:40:00 AM	5/23/2019 3:38:00 PM	Zinc	Dissolved	DNQ	1.3	µg/L	EPA 200.8	0.94	5	WKL	
MO-THO	2018/19-5	Dry	5/14/2019 10:40:00 AM	5/23/2019 3:51:00 PM	Zinc	Total	DNQ	1.2	µg/L	EPA 200.8	0.94	5	WKL	
MO-THO	2018/19-5	Dry	5/14/2019 10:40:00 AM	5/16/2019 6:31:00 PM	Ammonia as N	n/a	<	0.048	mg/L	EPA 350.1	0.048	0.1	WKL	
MO-THO	2018/19-5	Dry	5/14/2019 10:40:00 AM	5/28/2019 4:41:00 PM	Nitrate + Nitrite as N	n/a	=	0.31	mg/L	EPA 353.2	0.083	0.2	WKL	
MO-THO	2018/19-5	Dry	5/14/2019 10:40:00 AM	5/22/2019 5:41:00 PM	Phosphorus as P	Dissolved	=	0.033	mg/L	EPA 200.7	0.012	0.02	WKL	
MO-THO	2018/19-5	Dry	5/14/2019 10:40:00 AM	5/22/2019 5:55:00 PM	Phosphorus as P	Total	=	0.034	mg/L	EPA 200.7	0.012	0.02	WKL	
MO-THO	2018/19-5	Dry	5/14/2019 10:40:00 AM	5/21/2019 1:34:00 PM	TKN	n/a	=	0.23	mg/L	EPA 351.2	0.05	0.1	WKL	
MO-THO	2018/19-5	Dry	5/14/2019 10:40:00 AM	5/24/2019 10:40:00 PM	1,2,4-Trichlorobenzene	n/a	<	1.1	µg/L	EPA 625	1.1	2	WKL	
MO-THO	2018/19-5	Dry	5/14/2019 10:40:00 AM	5/24/2019 10:40:00 PM	1,2-Dichlorobenzene	n/a	<	1.1	µg/L	EPA 625	1.1	2	WKL	
MO-THO	2018/19-5	Dry	5/14/2019 10:40:00 AM	5/24/2019 10:40:00 PM	1,2-Diphenylhydrazine	n/a	<	0.5	µg/L	EPA 625	0.5	2	WKL	
MO-THO	2018/19-5	Dry	5/14/2019 10:40:00 AM	5/24/2019 10:40:00 PM	1,3-Dichlorobenzene	n/a	<	1.1	µg/L	EPA 625	1.1	2	WKL	
MO-THO	2018/19-5	Dry	5/14/2019 10:40:00 AM	5/24/2019 10:40:00 PM	1,4-Dichlorobenzene	n/a	<	1.1	µg/L	EPA 625	1.1	2	WKL	
MO-THO	2018/19-5	Dry	5/14/2019 10:40:00 AM	6/8/2019 8:33:00 AM	1-Methylnaphthalene	n/a	<	0.1	µg/L	EPA 8270C	0.1	0.1	WKL	
MO-THO	2018/19-5	Dry	5/14/2019 10:40:00 AM	5/22/2019 5:02:00 AM	2,4,5-Trichlorophenol	n/a	<	0.29	µg/L	EPA 8270C	0.29	1	WKL	
MO-THO	2018/19-5	Dry	5/14/2019 10:40:00 AM	5/24/2019 10:40:00 PM	2,4,6-Trichlorophenol	n/a	<	0.44	µg/L	EPA 625	0.44	2	WKL	
MO-THO	2018/19-5	Dry	5/14/2019 10:40:00 AM	5/22/2019 5:02:00 AM	2,4,6-Trichlorophenol	n/a	<	0.3	µg/L	EPA 8270C	0.3	1	WKL	
MO-THO	2018/19-5	Dry	5/14/2019 10:40:00 AM	5/24/2019 10:40:00 PM	2,4-Dichlorophenol	n/a	<	0.52	µg/L	EPA 625	0.52	2	WKL	
MO-THO	2018/19-5	Dry	5/14/2019 10:40:00 AM	5/22/2019 5:02:00 AM	2,4-Dichlorophenol	n/a	<	0.51	µg/L	EPA 8270C	0.51	1	WKL	
MO-THO	2018/19-5	Dry	5/14/2019 10:40:00 AM	5/24/2019 10:40:00 PM	2,4-Dimethylphenol	n/a	<	0.6	µg/L	EPA 625	0.6	2	WKL	
MO-THO	2018/19-5	Dry	5/14/2019 10:40:00 AM	5/22/2019 5:02:00 AM	2,4-Dimethylphenol	n/a	<	1	µg/L	EPA 8270C	1	2	WKL	
MO-THO	2018/19-5	Dry	5/14/2019 10:40:00 AM	5/24/2019 10:40:00 PM	2,4-Dinitrophenol	n/a	<	3.2	µg/L	EPA 625	3.2	20	WKL	
MO-THO	2018/19-5	Dry	5/14/2019 10:40:00 AM	5/22/2019 5:02:00 AM	2,4-Dinitrophenol	n/a	<	1	µg/L	EPA 8270C	1	2	WKL	

Appendix G
Laboratory Environmental Analysis Results

Site ID	Event	Event Type	Sample Date	Analysis Date	Constituent	Fraction	Sign	Result	Units	Method	MDL	Reporting Limit	Analyzing Laboratory	Qualifier
MO-THO	2018/19-5	Dry	5/14/2019 10:40:00 AM	5/24/2019 10:40:00 PM	2,4-Dinitrotoluene	n/a	<	0.36	µg/L	EPA 625	0.36	2	WKL	
MO-THO	2018/19-5	Dry	5/14/2019 10:40:00 AM	5/24/2019 10:40:00 PM	2,6-Dinitrotoluene	n/a	<	0.54	µg/L	EPA 625	0.54	2	WKL	
MO-THO	2018/19-5	Dry	5/14/2019 10:40:00 AM	5/17/2019 7:58:00 AM	2-Chloroethyl vinyl ether	n/a	<	0.28	µg/L	EPA 624	0.28	1	WKL	
MO-THO	2018/19-5	Dry	5/14/2019 10:40:00 AM	5/24/2019 10:40:00 PM	2-Chloronaphthalene	n/a	<	0.9	µg/L	EPA 625	0.9	2	WKL	
MO-THO	2018/19-5	Dry	5/14/2019 10:40:00 AM	5/24/2019 10:40:00 PM	2-Chlorophenol	n/a	<	0.56	µg/L	EPA 625	0.56	2	WKL	
MO-THO	2018/19-5	Dry	5/14/2019 10:40:00 AM	5/22/2019 5:02:00 AM	2-Chlorophenol	n/a	<	0.65	µg/L	EPA 8270C	0.65	1	WKL	
MO-THO	2018/19-5	Dry	5/14/2019 10:40:00 AM	6/8/2019 8:33:00 AM	2-Methylnaphthalene	n/a	<	0.1	µg/L	EPA 8270C	0.1	0.1	WKL	
MO-THO	2018/19-5	Dry	5/14/2019 10:40:00 AM	5/22/2019 5:02:00 AM	2-Methylphenol	n/a	<	0.34	µg/L	EPA 8270C	0.34	1	WKL	
MO-THO	2018/19-5	Dry	5/14/2019 10:40:00 AM	5/24/2019 10:40:00 PM	2-Nitrophenol	n/a	<	0.52	µg/L	EPA 625	0.52	2	WKL	
MO-THO	2018/19-5	Dry	5/14/2019 10:40:00 AM	5/22/2019 5:02:00 AM	2-Nitrophenol	n/a	<	0.71	µg/L	EPA 8270C	0.71	1	WKL	
MO-THO	2018/19-5	Dry	5/14/2019 10:40:00 AM	5/24/2019 10:40:00 PM	3,3'-Dichlorobenzidine	n/a	<	2.4	µg/L	EPA 625	2.4	10	WKL	
MO-THO	2018/19-5	Dry	5/14/2019 10:40:00 AM	5/22/2019 5:02:00 AM	3-/4-Methylphenol	n/a	<	0.3	µg/L	EPA 8270C	0.3	1	WKL	
MO-THO	2018/19-5	Dry	5/14/2019 10:40:00 AM	5/24/2019 10:40:00 PM	4,6-Dinitro-2-methylphenol	n/a	<	3.4	µg/L	EPA 625	3.4	10	WKL	
MO-THO	2018/19-5	Dry	5/14/2019 10:40:00 AM	5/22/2019 5:02:00 AM	4,6-Dinitro-2-methylphenol	n/a	<	0.14	µg/L	EPA 8270C	0.14	1	WKL	
MO-THO	2018/19-5	Dry	5/14/2019 10:40:00 AM	5/24/2019 10:40:00 PM	4-Bromophenyl phenyl ether	n/a	<	0.72	µg/L	EPA 625	0.72	2	WKL	
MO-THO	2018/19-5	Dry	5/14/2019 10:40:00 AM	5/24/2019 10:40:00 PM	4-Chloro-3-methylphenol	n/a	<	0.46	µg/L	EPA 625	0.46	2	WKL	
MO-THO	2018/19-5	Dry	5/14/2019 10:40:00 AM	5/22/2019 5:02:00 AM	4-Chloro-3-methylphenol	n/a	<	0.37	µg/L	EPA 8270C	0.37	1	WKL	
MO-THO	2018/19-5	Dry	5/14/2019 10:40:00 AM	5/24/2019 10:40:00 PM	4-Chlorophenyl phenyl ether	n/a	<	0.82	µg/L	EPA 625	0.82	2	WKL	
MO-THO	2018/19-5	Dry	5/14/2019 10:40:00 AM	5/24/2019 10:40:00 PM	4-Nitrophenol	n/a	<	0.9	µg/L	EPA 625	0.9	10	WKL	
MO-THO	2018/19-5	Dry	5/14/2019 10:40:00 AM	5/22/2019 5:02:00 AM	4-Nitrophenol	n/a	<	1	µg/L	EPA 8270C	1	2	WKL	
MO-THO	2018/19-5	Dry	5/14/2019 10:40:00 AM	5/24/2019 10:40:00 PM	Acenaphthene	n/a	<	0.76	µg/L	EPA 625	0.76	2	WKL	
MO-THO	2018/19-5	Dry	5/14/2019 10:40:00 AM	6/8/2019 8:33:00 AM	Acenaphthene	n/a	<	0.1	µg/L	EPA 8270C	0.1	0.1	WKL	
MO-THO	2018/19-5	Dry	5/14/2019 10:40:00 AM	6/8/2019 8:33:00 AM	Acenaphthylene	n/a	<	0.1	µg/L	EPA 8270C	0.1	0.1	WKL	
MO-THO	2018/19-5	Dry	5/14/2019 10:40:00 AM	5/24/2019 10:40:00 PM	Acenaphthylene	n/a	<	0.8	µg/L	EPA 625	0.8	2	WKL	
MO-THO	2018/19-5	Dry	5/14/2019 10:40:00 AM	6/8/2019 8:33:00 AM	Anthracene	n/a	<	0.1	µg/L	EPA 8270C	0.1	0.1	WKL	
MO-THO	2018/19-5	Dry	5/14/2019 10:40:00 AM	5/24/2019 10:40:00 PM	Anthracene	n/a	<	0.68	µg/L	EPA 625	0.68	2	WKL	
MO-THO	2018/19-5	Dry	5/14/2019 10:40:00 AM	5/24/2019 10:40:00 PM	Benz(a)anthracene	n/a	<	0.38	µg/L	EPA 625	0.38	2	WKL	
MO-THO	2018/19-5	Dry	5/14/2019 10:40:00 AM	6/8/2019 8:33:00 AM	Benz(a)anthracene	n/a	<	0.1	µg/L	EPA 8270C	0.1	0.1	WKL	
MO-THO	2018/19-5	Dry	5/14/2019 10:40:00 AM	5/24/2019 10:40:00 PM	Benzidine	n/a	<	7.3	µg/L	EPA 625	7.3	20	WKL	
MO-THO	2018/19-5	Dry	5/14/2019 10:40:00 AM	6/8/2019 8:33:00 AM	Benzo(a)pyrene	n/a	<	0.1	µg/L	EPA 8270C	0.1	0.1	WKL	
MO-THO	2018/19-5	Dry	5/14/2019 10:40:00 AM	5/17/2019 3:02:00 AM	Benzo(a)pyrene	n/a	<	0.07	µg/L	EPA 525.2	0.07	0.1	WKL	
MO-THO	2018/19-5	Dry	5/14/2019 10:40:00 AM	5/24/2019 10:40:00 PM	Benzo(a)pyrene	n/a	<	0.26	µg/L	EPA 625	0.26	2	WKL	
MO-THO	2018/19-5	Dry	5/14/2019 10:40:00 AM	5/24/2019 10:40:00 PM	Benzo(b)fluoranthene	n/a	<	0.28	µg/L	EPA 625	0.28	2	WKL	
MO-THO	2018/19-5	Dry	5/14/2019 10:40:00 AM	6/8/2019 8:33:00 AM	Benzo(b)fluoranthene	n/a	<	0.1	µg/L	EPA 8270C	0.1	0.1	WKL	
MO-THO	2018/19-5	Dry	5/14/2019 10:40:00 AM	5/24/2019 10:40:00 PM	Benzo(g,h,i)perylene	n/a	<	0.2	µg/L	EPA 625	0.2	4	WKL	
MO-THO	2018/19-5	Dry	5/14/2019 10:40:00 AM	6/8/2019 8:33:00 AM	Benzo(g,h,i)perylene	n/a	<	0.1	µg/L	EPA 8270C	0.1	0.1	WKL	
MO-THO	2018/19-5	Dry	5/14/2019 10:40:00 AM	5/24/2019 10:40:00 PM	Benzo(k)fluoranthene	n/a	<	0.44	µg/L	EPA 625	0.44	2	WKL	
MO-THO	2018/19-5	Dry	5/14/2019 10:40:00 AM	6/8/2019 8:33:00 AM	Benzo(k)fluoranthene	n/a	<	0.1	µg/L	EPA 8270C	0.1	0.1	WKL	
MO-THO	2018/19-5	Dry	5/14/2019 10:40:00 AM	5/24/2019 10:40:00 PM	Bis(2-chloroethoxy)methane	n/a	<	0.5	µg/L	EPA 625	0.5	2	WKL	
MO-THO	2018/19-5	Dry	5/14/2019 10:40:00 AM	5/24/2019 10:40:00 PM	Bis(2-chloroethyl)ether	n/a	<	0.54	µg/L	EPA 625	0.54	2	WKL	
MO-THO	2018/19-5	Dry	5/14/2019 10:40:00 AM	5/24/2019 10:40:00 PM	Bis(2-chloroisopropyl)ether	n/a	<	0.76	µg/L	EPA 625	0.76	2	WKL	
MO-THO	2018/19-5	Dry	5/14/2019 10:40:00 AM	5/17/2019 3:02:00 AM	Bis(2-ethylhexyl)adipate	n/a	<	0.1	µg/L	EPA 525.2	0.1	5	WKL	
MO-THO	2018/19-5	Dry	5/14/2019 10:40:00 AM	5/17/2019 3:02:00 AM	Bis(2-ethylhexyl)phthalate	n/a	<	1.1	µg/L	EPA 525.2	1.1	3	WKL	
MO-THO	2018/19-5	Dry	5/14/2019 10:40:00 AM	5/24/2019 10:40:00 PM	Bis(2-ethylhexyl)phthalate	n/a	=	91	µg/L	EPA 625	4.6	10	WKL	
MO-THO	2018/19-5	Dry	5/14/2019 10:40:00 AM	5/24/2019 10:40:00 PM	Butyl benzyl phthalate	n/a	<	0.36	µg/L	EPA 625	0.36	2	WKL	
MO-THO	2018/19-5	Dry	5/14/2019 10:40:00 AM	5/24/2019 10:40:00 PM	Chrysene	n/a	<	0.38	µg/L	EPA 625	0.38	2	WKL	
MO-THO	2018/19-5	Dry	5/14/2019 10:40:00 AM	6/8/2019 8:33:00 AM	Chrysene	n/a	<	0.1	µg/L	EPA 8270C	0.1	0.1	WKL	
MO-THO	2018/19-5	Dry	5/14/2019 10:40:00 AM	5/24/2019 10:40:00 PM	Dibenz(a,h)anthracene	n/a	<	0.16	µg/L	EPA 625	0.16	4	WKL	

Appendix G
Laboratory Environmental Analysis Results

Site ID	Event	Event Type	Sample Date	Analysis Date	Constituent	Fraction	Sign	Result	Units	Method	MDL	Reporting Limit	Analyzing Laboratory	Qualifier
MO-THO	2018/19-5	Dry	5/14/2019 10:40:00 AM	6/8/2019 8:33:00 AM	Dibenz(a,h)anthracene	n/a	<	0.1	µg/L	EPA 8270C	0.1	0.1	WKL	
MO-THO	2018/19-5	Dry	5/14/2019 10:40:00 AM	5/24/2019 10:40:00 PM	Diethyl phthalate	n/a	<	0.3	µg/L	EPA 625	0.3	2	WKL	
MO-THO	2018/19-5	Dry	5/14/2019 10:40:00 AM	5/24/2019 10:40:00 PM	Dimethyl phthalate	n/a	=	4.4	µg/L	EPA 625	0.36	2	WKL	
MO-THO	2018/19-5	Dry	5/14/2019 10:40:00 AM	5/24/2019 10:40:00 PM	Di-n-butylphthalate	n/a	<	0.48	µg/L	EPA 625	0.48	2	WKL	
MO-THO	2018/19-5	Dry	5/14/2019 10:40:00 AM	5/24/2019 10:40:00 PM	Di-n-octylphthalate	n/a	<	0.38	µg/L	EPA 625	0.38	2	WKL	
MO-THO	2018/19-5	Dry	5/14/2019 10:40:00 AM	5/24/2019 10:40:00 PM	Fluoranthene	n/a	<	0.44	µg/L	EPA 625	0.44	2	WKL	
MO-THO	2018/19-5	Dry	5/14/2019 10:40:00 AM	6/8/2019 8:33:00 AM	Fluoranthene	n/a	<	0.1	µg/L	EPA 8270C	0.1	0.1	WKL	
MO-THO	2018/19-5	Dry	5/14/2019 10:40:00 AM	5/24/2019 10:40:00 PM	Fluorene	n/a	<	0.7	µg/L	EPA 625	0.7	2	WKL	
MO-THO	2018/19-5	Dry	5/14/2019 10:40:00 AM	6/8/2019 8:33:00 AM	Fluorene	n/a	<	0.1	µg/L	EPA 8270C	0.1	0.1	WKL	
MO-THO	2018/19-5	Dry	5/14/2019 10:40:00 AM	5/24/2019 10:40:00 PM	Hexachlorobenzene	n/a	<	0.98	µg/L	EPA 625	0.98	2	WKL	
MO-THO	2018/19-5	Dry	5/14/2019 10:40:00 AM	5/24/2019 10:40:00 PM	Hexachlorobutadiene	n/a	<	0.94	µg/L	EPA 625	0.94	2	WKL	
MO-THO	2018/19-5	Dry	5/14/2019 10:40:00 AM	5/24/2019 10:40:00 PM	Hexachlorocyclopentadiene	n/a	<	2.9	µg/L	EPA 625	2.9	10	WKL	
MO-THO	2018/19-5	Dry	5/14/2019 10:40:00 AM	5/24/2019 10:40:00 PM	Hexachloroethane	n/a	<	1	µg/L	EPA 625	1	2	WKL	
MO-THO	2018/19-5	Dry	5/14/2019 10:40:00 AM	5/24/2019 10:40:00 PM	Indeno(1,2,3-cd)pyrene	n/a	<	0.24	µg/L	EPA 625	0.24	4	WKL	
MO-THO	2018/19-5	Dry	5/14/2019 10:40:00 AM	6/8/2019 8:33:00 AM	Indeno(1,2,3-cd)pyrene	n/a	<	0.1	µg/L	EPA 8270C	0.1	0.1	WKL	
MO-THO	2018/19-5	Dry	5/14/2019 10:40:00 AM	5/24/2019 10:40:00 PM	Isophorone	n/a	<	0.42	µg/L	EPA 625	0.42	2	WKL	
MO-THO	2018/19-5	Dry	5/14/2019 10:40:00 AM	5/17/2019 7:58:00 AM	Methyl tert-butyl ether (MTBE)	n/a	<	0.25	µg/L	EPA 624	0.25	1	WKL	
MO-THO	2018/19-5	Dry	5/14/2019 10:40:00 AM	6/8/2019 8:33:00 AM	Naphthalene	n/a	<	0.1	µg/L	EPA 8270C	0.1	0.1	WKL	
MO-THO	2018/19-5	Dry	5/14/2019 10:40:00 AM	5/24/2019 10:40:00 PM	Naphthalene	n/a	<	0.98	µg/L	EPA 625	0.98	2	WKL	
MO-THO	2018/19-5	Dry	5/14/2019 10:40:00 AM	5/24/2019 10:40:00 PM	Nitrobenzene	n/a	<	0.72	µg/L	EPA 625	0.72	2	WKL	
MO-THO	2018/19-5	Dry	5/14/2019 10:40:00 AM	5/24/2019 10:40:00 PM	N-Nitrosodimethylamine	n/a	<	0.28	µg/L	EPA 625	0.28	2	WKL	
MO-THO	2018/19-5	Dry	5/14/2019 10:40:00 AM	5/24/2019 10:40:00 PM	N-Nitrosodi-N-propylamine	n/a	<	0.52	µg/L	EPA 625	0.52	2	WKL	
MO-THO	2018/19-5	Dry	5/14/2019 10:40:00 AM	5/24/2019 10:40:00 PM	N-Nitrosodiphenylamine	n/a	<	0.38	µg/L	EPA 625	0.38	2	WKL	
MO-THO	2018/19-5	Dry	5/14/2019 10:40:00 AM	6/8/2019 8:33:00 AM	Phenanthrene	n/a	<	0.1	µg/L	EPA 8270C	0.1	0.1	WKL	
MO-THO	2018/19-5	Dry	5/14/2019 10:40:00 AM	5/24/2019 10:40:00 PM	Phenanthrene	n/a	<	0.64	µg/L	EPA 625	0.64	2	WKL	
MO-THO	2018/19-5	Dry	5/14/2019 10:40:00 AM	5/24/2019 10:40:00 PM	Phenol	n/a	<	0.32	µg/L	EPA 625	0.32	2	WKL	
MO-THO	2018/19-5	Dry	5/14/2019 10:40:00 AM	5/22/2019 5:02:00 AM	Phenol	n/a	<	0.35	µg/L	EPA 8270C	0.35	1	WKL	
MO-THO	2018/19-5	Dry	5/14/2019 10:40:00 AM	5/24/2019 10:40:00 PM	Pyrene	n/a	<	0.5	µg/L	EPA 625	0.5	2	WKL	
MO-THO	2018/19-5	Dry	5/14/2019 10:40:00 AM	6/8/2019 8:33:00 AM	Pyrene	n/a	<	0.1	µg/L	EPA 8270C	0.1	0.1	WKL	
MO-THO	2018/19-5	Dry	5/14/2019 10:40:00 AM	5/21/2019 10:57:00 PM	PCB Aroclor 1016	n/a	<	0.5	µg/L	EPA 608	0.5	5	WKL	
MO-THO	2018/19-5	Dry	5/14/2019 10:40:00 AM	5/21/2019 10:57:00 PM	PCB Aroclor 1221	n/a	<	0.6	µg/L	EPA 608	0.6	5	WKL	
MO-THO	2018/19-5	Dry	5/14/2019 10:40:00 AM	5/21/2019 10:57:00 PM	PCB Aroclor 1232	n/a	<	1.5	µg/L	EPA 608	1.5	5	WKL	
MO-THO	2018/19-5	Dry	5/14/2019 10:40:00 AM	5/21/2019 10:57:00 PM	PCB Aroclor 1242	n/a	<	0.7	µg/L	EPA 608	0.7	5	WKL	
MO-THO	2018/19-5	Dry	5/14/2019 10:40:00 AM	5/21/2019 10:57:00 PM	PCB Aroclor 1248	n/a	<	0.6	µg/L	EPA 608	0.6	5	WKL	
MO-THO	2018/19-5	Dry	5/14/2019 10:40:00 AM	5/21/2019 10:57:00 PM	PCB Aroclor 1254	n/a	<	0.4	µg/L	EPA 608	0.4	5	WKL	
MO-THO	2018/19-5	Dry	5/14/2019 10:40:00 AM	5/21/2019 10:57:00 PM	PCB Aroclor 1260	n/a	<	0.4	µg/L	EPA 608	0.4	5	WKL	
MO-THO	2018/19-5	Dry	5/14/2019 10:40:00 AM	5/24/2019 4:47:00 AM	2,4,5-T	n/a	<	0.07	µg/L	EPA 515.4	0.07	0.2	WKL	
MO-THO	2018/19-5	Dry	5/14/2019 10:40:00 AM	5/24/2019 4:47:00 AM	2,4,5-TP	n/a	<	0.09	µg/L	EPA 515.4	0.09	0.2	WKL	
MO-THO	2018/19-5	Dry	5/14/2019 10:40:00 AM	5/24/2019 4:47:00 AM	2,4-D	n/a	<	0.07	µg/L	EPA 515.4	0.07	0.4	WKL	
MO-THO	2018/19-5	Dry	5/14/2019 10:40:00 AM	5/24/2019 4:47:00 AM	2,4-DB	n/a	<	0.07	µg/L	EPA 515.4	0.07	2	WKL	
MO-THO	2018/19-5	Dry	5/14/2019 10:40:00 AM	5/24/2019 4:47:00 AM	3,5-Dichlorobenzoic acid	n/a	<	0.09	µg/L	EPA 515.4	0.09	1	WKL	
MO-THO	2018/19-5	Dry	5/14/2019 10:40:00 AM	5/21/2019 10:57:00 PM	4,4'-DDD	n/a	<	0.03	µg/L	EPA 608	0.03	0.5	WKL	
MO-THO	2018/19-5	Dry	5/14/2019 10:40:00 AM	5/21/2019 10:57:00 PM	4,4'-DDE	n/a	<	0.025	µg/L	EPA 608	0.025	0.5	WKL	
MO-THO	2018/19-5	Dry	5/14/2019 10:40:00 AM	5/21/2019 10:57:00 PM	4,4'-DDT	n/a	<	0.031	µg/L	EPA 608	0.031	0.1	WKL	
MO-THO	2018/19-5	Dry	5/14/2019 10:40:00 AM	5/24/2019 4:47:00 AM	Acifluorfen	n/a	<	0.06	µg/L	EPA 515.4	0.06	0.4	WKL	
MO-THO	2018/19-5	Dry	5/14/2019 10:40:00 AM	5/17/2019 3:02:00 AM	Alachlor	n/a	<	0.022	µg/L	EPA 525.2	0.022	0.1	WKL	
MO-THO	2018/19-5	Dry	5/14/2019 10:40:00 AM	5/21/2019 10:57:00 PM	Aldrin	n/a	<	0.015	µg/L	EPA 608	0.015	0.05	WKL	
MO-THO	2018/19-5	Dry	5/14/2019 10:40:00 AM	5/21/2019 10:57:00 PM	alpha-BHC	n/a	<	0.018	µg/L	EPA 608	0.018	0.1	WKL	

Appendix G
Laboratory Environmental Analysis Results

Site ID	Event	Event Type	Sample Date	Analysis Date	Constituent	Fraction	Sign	Result	Units	Method	MDL	Reporting Limit	Analyzing Laboratory	Qualifier
MO-THO	2018/19-5	Dry	5/14/2019 10:40:00 AM	5/21/2019 10:57:00 PM	alpha-Chlordane	n/a	<	0.041	µg/L	EPA 608	0.041	0.1	WKL	
MO-THO	2018/19-5	Dry	5/14/2019 10:40:00 AM	5/17/2019 3:02:00 AM	Atrazine	n/a	<	0.034	µg/L	EPA 525.2	0.034	0.1	WKL	
MO-THO	2018/19-5	Dry	5/14/2019 10:40:00 AM	5/22/2019 1:31:00 PM	Azinphos methyl	n/a	<	0.0055	µg/L	EPA 525.2m	0.0055	0.01	WKL	
MO-THO	2018/19-5	Dry	5/14/2019 10:40:00 AM	5/24/2019 4:47:00 AM	Bentazon	n/a	<	0.11	µg/L	EPA 515.4	0.11	2	WKL	
MO-THO	2018/19-5	Dry	5/14/2019 10:40:00 AM	5/21/2019 10:57:00 PM	beta-BHC	n/a	<	0.031	µg/L	EPA 608	0.031	0.05	WKL	
MO-THO	2018/19-5	Dry	5/14/2019 10:40:00 AM	5/22/2019 1:31:00 PM	Bolstar	n/a	<	0.0046	µg/L	EPA 525.2m	0.0046	0.01	WKL	
MO-THO	2018/19-5	Dry	5/14/2019 10:40:00 AM	5/17/2019 3:02:00 AM	Bromacil	n/a	<	0.038	µg/L	EPA 525.2	0.038	1	WKL	
MO-THO	2018/19-5	Dry	5/14/2019 10:40:00 AM	5/17/2019 3:02:00 AM	Butachlor	n/a	<	0.017	µg/L	EPA 525.2	0.017	0.2	WKL	
MO-THO	2018/19-5	Dry	5/14/2019 10:40:00 AM	5/17/2019 3:02:00 AM	Captan	n/a	<	0.86	µg/L	EPA 525.2	0.86	1	WKL	
MO-THO	2018/19-5	Dry	5/14/2019 10:40:00 AM	5/21/2019 10:57:00 PM	Chlordane (technical)	n/a	<	0.8	µg/L	EPA 608	0.8	1	WKL	
MO-THO	2018/19-5	Dry	5/14/2019 10:40:00 AM	5/17/2019 3:02:00 AM	Chlorpropham	n/a	<	0.01	µg/L	EPA 525.2	0.01	0.1	WKL	
MO-THO	2018/19-5	Dry	5/14/2019 10:40:00 AM	5/22/2019 1:31:00 PM	Chlorpyrifos	n/a	<	0.0069	µg/L	EPA 525.2m	0.0069	0.01	WKL	
MO-THO	2018/19-5	Dry	5/14/2019 10:40:00 AM	5/22/2019 1:31:00 PM	Coumaphos	n/a	<	0.0051	µg/L	EPA 525.2m	0.0051	0.01	WKL	
MO-THO	2018/19-5	Dry	5/14/2019 10:40:00 AM	5/17/2019 3:02:00 AM	Cyanazine	n/a	<	0.024	µg/L	EPA 525.2	0.024	0.1	WKL	
MO-THO	2018/19-5	Dry	5/14/2019 10:40:00 AM	5/24/2019 4:47:00 AM	Dalapon	n/a	<	0.1	µg/L	EPA 515.4	0.1	0.4	WKL	
MO-THO	2018/19-5	Dry	5/14/2019 10:40:00 AM	5/24/2019 4:47:00 AM	DCPA (Dacthal)	n/a	<	0.07	µg/L	EPA 515.4	0.07	0.1	WKL	
MO-THO	2018/19-5	Dry	5/14/2019 10:40:00 AM	5/21/2019 10:57:00 PM	delta-BHC	n/a	<	0.025	µg/L	EPA 608	0.025	0.05	WKL	
MO-THO	2018/19-5	Dry	5/14/2019 10:40:00 AM	5/22/2019 1:31:00 PM	Demeton-O	n/a	<	0.01	µg/L	EPA 525.2m	0.01	0.01	WKL	
MO-THO	2018/19-5	Dry	5/14/2019 10:40:00 AM	5/22/2019 1:31:00 PM	Demeton-S	n/a	<	0.01	µg/L	EPA 525.2m	0.01	0.01	WKL	
MO-THO	2018/19-5	Dry	5/14/2019 10:40:00 AM	5/17/2019 3:02:00 AM	Diazinon	n/a	<	0.096	µg/L	EPA 525.2	0.096	0.1	WKL	
MO-THO	2018/19-5	Dry	5/14/2019 10:40:00 AM	5/22/2019 1:31:00 PM	Diazinon	n/a	<	0.0052	µg/L	EPA 525.2m	0.0052	0.01	WKL	
MO-THO	2018/19-5	Dry	5/14/2019 10:40:00 AM	5/24/2019 4:47:00 AM	Dicamba	n/a	<	0.12	µg/L	EPA 515.4	0.12	0.6	WKL	
MO-THO	2018/19-5	Dry	5/14/2019 10:40:00 AM	5/24/2019 4:47:00 AM	Dichlorprop	n/a	<	0.08	µg/L	EPA 515.4	0.08	0.3	WKL	
MO-THO	2018/19-5	Dry	5/14/2019 10:40:00 AM	5/22/2019 1:31:00 PM	Dichlorvos	n/a	<	0.0029	µg/L	EPA 525.2m	0.0029	0.01	WKL	
MO-THO	2018/19-5	Dry	5/14/2019 10:40:00 AM	5/21/2019 10:57:00 PM	Dieldrin	n/a	<	0.021	µg/L	EPA 608	0.021	0.1	WKL	
MO-THO	2018/19-5	Dry	5/14/2019 10:40:00 AM	5/17/2019 3:02:00 AM	Dimethoate	n/a	<	0.024	µg/L	EPA 525.2	0.024	0.2	WKL	
MO-THO	2018/19-5	Dry	5/14/2019 10:40:00 AM	5/22/2019 1:31:00 PM	Dimethoate	n/a	<	0.0062	µg/L	EPA 525.2m	0.0062	0.01	WKL	
MO-THO	2018/19-5	Dry	5/14/2019 10:40:00 AM	5/24/2019 4:47:00 AM	Dinoseb	n/a	<	0.14	µg/L	EPA 515.4	0.14	0.4	WKL	
MO-THO	2018/19-5	Dry	5/14/2019 10:40:00 AM	5/17/2019 3:02:00 AM	Diphenamid	n/a	<	0.024	µg/L	EPA 525.2	0.024	0.1	WKL	
MO-THO	2018/19-5	Dry	5/14/2019 10:40:00 AM	5/17/2019 3:02:00 AM	Disulfoton	n/a	<	0.031	µg/L	EPA 525.2	0.031	0.1	WKL	
MO-THO	2018/19-5	Dry	5/14/2019 10:40:00 AM	5/22/2019 1:31:00 PM	Disulfoton	n/a	<	0.01	µg/L	EPA 525.2m	0.01	0.01	WKL	
MO-THO	2018/19-5	Dry	5/14/2019 10:40:00 AM	5/21/2019 10:57:00 PM	Endosulfan I	n/a	<	0.017	µg/L	EPA 608	0.017	0.2	WKL	
MO-THO	2018/19-5	Dry	5/14/2019 10:40:00 AM	5/21/2019 10:57:00 PM	Endosulfan II	n/a	<	0.019	µg/L	EPA 608	0.019	0.1	WKL	
MO-THO	2018/19-5	Dry	5/14/2019 10:40:00 AM	5/21/2019 10:57:00 PM	Endosulfan sulfate	n/a	<	0.08	µg/L	EPA 608	0.08	0.5	WKL	
MO-THO	2018/19-5	Dry	5/14/2019 10:40:00 AM	5/21/2019 10:57:00 PM	Endrin	n/a	<	0.028	µg/L	EPA 608	0.028	0.1	WKL	
MO-THO	2018/19-5	Dry	5/14/2019 10:40:00 AM	5/21/2019 10:57:00 PM	Endrin aldehyde	n/a	<	0.03	µg/L	EPA 608	0.03	0.1	WKL	
MO-THO	2018/19-5	Dry	5/14/2019 10:40:00 AM	5/17/2019 3:02:00 AM	EPTC	n/a	<	0.017	µg/L	EPA 525.2	0.017	1	WKL	
MO-THO	2018/19-5	Dry	5/14/2019 10:40:00 AM	5/22/2019 1:31:00 PM	Ethoprop	n/a	<	0.0067	µg/L	EPA 525.2m	0.0067	0.01	WKL	
MO-THO	2018/19-5	Dry	5/14/2019 10:40:00 AM	5/22/2019 1:31:00 PM	Ethyl parathion	n/a	<	0.0054	µg/L	EPA 525.2m	0.0054	0.01	WKL	
MO-THO	2018/19-5	Dry	5/14/2019 10:40:00 AM	5/22/2019 1:31:00 PM	Fensulfothion	n/a	<	0.0029	µg/L	EPA 525.2m	0.0029	0.01	WKL	
MO-THO	2018/19-5	Dry	5/14/2019 10:40:00 AM	5/22/2019 1:31:00 PM	Fenthion	n/a	<	0.0038	µg/L	EPA 525.2m	0.0038	0.01	WKL	
MO-THO	2018/19-5	Dry	5/14/2019 10:40:00 AM	5/21/2019 10:57:00 PM	gamma-BHC (Lindane)	n/a	<	0.021	µg/L	EPA 608	0.021	0.2	WKL	
MO-THO	2018/19-5	Dry	5/14/2019 10:40:00 AM	5/21/2019 10:57:00 PM	gamma-Chlordane	n/a	<	0.044	µg/L	EPA 608	0.044	0.1	WKL	
MO-THO	2018/19-5	Dry	5/14/2019 10:40:00 AM	5/15/2019 6:53:00 PM	Glyphosate	n/a	<	1.8	µg/L	EPA 547	1.8	5	WKL	
MO-THO	2018/19-5	Dry	5/14/2019 10:40:00 AM	5/21/2019 10:57:00 PM	Heptachlor	n/a	<	0.017	µg/L	EPA 608	0.017	0.1	WKL	
MO-THO	2018/19-5	Dry	5/14/2019 10:40:00 AM	5/21/2019 10:57:00 PM	Heptachlor epoxide	n/a	<	0.019	µg/L	EPA 608	0.019	0.1	WKL	
MO-THO	2018/19-5	Dry	5/14/2019 10:40:00 AM	5/22/2019 1:31:00 PM	Malathion	n/a	<	0.0076	µg/L	EPA 525.2m	0.0076	0.01	WKL	
MO-THO	2018/19-5	Dry	5/14/2019 10:40:00 AM	5/22/2019 1:31:00 PM	Merphos	n/a	<	0.0058	µg/L	EPA 525.2m	0.0058	0.01	WKL	

Appendix G
Laboratory Environmental Analysis Results

Site ID	Event	Event Type	Sample Date	Analysis Date	Constituent	Fraction	Sign	Result	Units	Method	MDL	Reporting Limit	Analyzing Laboratory	Qualifier
MO-THO	2018/19-5	Dry	5/14/2019 10:40:00 AM	5/21/2019 10:57:00 PM	Methoxychlor	n/a	<	0.054	µg/L	EPA 608	0.054	0.2	WKL	
MO-THO	2018/19-5	Dry	5/14/2019 10:40:00 AM	5/22/2019 1:31:00 PM	Methyl parathion	n/a	<	0.0063	µg/L	EPA 525.2m	0.0063	0.01	WKL	
MO-THO	2018/19-5	Dry	5/14/2019 10:40:00 AM	5/17/2019 3:02:00 AM	Metolachlor	n/a	<	0.012	µg/L	EPA 525.2	0.012	0.1	WKL	
MO-THO	2018/19-5	Dry	5/14/2019 10:40:00 AM	5/17/2019 3:02:00 AM	Metribuzin	n/a	<	0.015	µg/L	EPA 525.2	0.015	0.1	WKL	
MO-THO	2018/19-5	Dry	5/14/2019 10:40:00 AM	5/22/2019 1:31:00 PM	Mevinphos	n/a	<	0.0042	µg/L	EPA 525.2m	0.0042	0.01	WKL	
MO-THO	2018/19-5	Dry	5/14/2019 10:40:00 AM	5/17/2019 3:02:00 AM	Molinate	n/a	<	0.039	µg/L	EPA 525.2	0.039	0.1	WKL	
MO-THO	2018/19-5	Dry	5/14/2019 10:40:00 AM	5/22/2019 1:31:00 PM	Naled	n/a	<	0.0076	µg/L	EPA 525.2m	0.0076	0.01	WKL	
MO-THO	2018/19-5	Dry	5/14/2019 10:40:00 AM	5/22/2019 5:02:00 AM	Pentachlorophenol	n/a	<	0.15	µg/L	EPA 8270C	0.15	1	WKL	
MO-THO	2018/19-5	Dry	5/14/2019 10:40:00 AM	5/24/2019 10:40:00 PM	Pentachlorophenol	n/a	<	0.38	µg/L	EPA 625	0.38	2	WKL	
MO-THO	2018/19-5	Dry	5/14/2019 10:40:00 AM	5/24/2019 4:47:00 AM	Pentachlorophenol	n/a	<	0.04	µg/L	EPA 515.4	0.04	0.2	WKL	
MO-THO	2018/19-5	Dry	5/14/2019 10:40:00 AM	5/22/2019 1:31:00 PM	Phorate	n/a	<	0.003	µg/L	EPA 525.2m	0.003	0.01	WKL	
MO-THO	2018/19-5	Dry	5/14/2019 10:40:00 AM	5/24/2019 4:47:00 AM	Picloram	n/a	<	0.05	µg/L	EPA 515.4	0.05	0.6	WKL	
MO-THO	2018/19-5	Dry	5/14/2019 10:40:00 AM	5/17/2019 3:02:00 AM	Prometon	n/a	<	0.024	µg/L	EPA 525.2	0.024	0.2	WKL	
MO-THO	2018/19-5	Dry	5/14/2019 10:40:00 AM	5/17/2019 3:02:00 AM	Prometryn	n/a	<	0.036	µg/L	EPA 525.2	0.036	0.1	WKL	
MO-THO	2018/19-5	Dry	5/14/2019 10:40:00 AM	5/22/2019 1:31:00 PM	Ronnel (Fenchlorphos)	n/a	<	0.0041	µg/L	EPA 525.2m	0.0041	0.01	WKL	
MO-THO	2018/19-5	Dry	5/14/2019 10:40:00 AM	5/17/2019 3:02:00 AM	Simazine	n/a	<	0.015	µg/L	EPA 525.2	0.015	0.1	WKL	
MO-THO	2018/19-5	Dry	5/14/2019 10:40:00 AM	5/22/2019 1:31:00 PM	Stirophos (Tetrachlorvinphos)	n/a	<	0.0031	µg/L	EPA 525.2m	0.0031	0.01	WKL	
MO-THO	2018/19-5	Dry	5/14/2019 10:40:00 AM	5/17/2019 3:02:00 AM	Terbacil	n/a	<	0.55	µg/L	EPA 525.2	0.55	2	WKL	
MO-THO	2018/19-5	Dry	5/14/2019 10:40:00 AM	5/17/2019 3:02:00 AM	Thiobencarb	n/a	<	0.025	µg/L	EPA 525.2	0.025	0.2	WKL	
MO-THO	2018/19-5	Dry	5/14/2019 10:40:00 AM	5/22/2019 1:31:00 PM	Tokuthion	n/a	<	0.0078	µg/L	EPA 525.2m	0.0078	0.01	WKL	
MO-THO	2018/19-5	Dry	5/14/2019 10:40:00 AM	5/21/2019 10:57:00 PM	Toxaphene	n/a	<	1.2	µg/L	EPA 608	1.2	5	WKL	
MO-THO	2018/19-5	Dry	5/14/2019 10:40:00 AM	5/22/2019 1:31:00 PM	Trichloronate	n/a	<	0.0067	µg/L	EPA 525.2m	0.0067	0.01	WKL	
MO-THO	2018/19-5	Dry	5/14/2019 10:40:00 AM	5/17/2019 3:02:00 AM	Trithion	n/a	<	0.012	µg/L	EPA 525.2	0.012	0.1	WKL	
MO-THO	2019-DRY	Dry	8/21/2019 10:20:00 AM	8/22/2019 6:00:00 AM	E. Coli	n/a	=	85	MPN/100 mL	MMO-MUG	10	10	VCHCA	
MO-THO	2019-DRY	Dry	8/21/2019 10:20:00 AM	8/22/2019 6:00:00 AM	Total Coliform	n/a	=	12033	MPN/100 mL	MMO-MUG	10	10	VCHCA	
MO-THO	2019-DRY	Dry	8/21/2019 10:20:00 AM	9/9/2019 5:35:00 PM	Calcium	Total	=	43.3	mg/L	EPA 200.7	0.016	0.1	WKL	
MO-THO	2019-DRY	Dry	8/21/2019 10:20:00 AM	9/9/2019 5:35:00 PM	Magnesium	Total	=	26.9	mg/L	EPA 200.7	0.012	0.1	WKL	
MO-THO	2019-DRY	Dry	8/21/2019 10:20:00 AM	8/21/2019 10:20:00 AM	Conductivity	n/a	=	1555	µmhos/cm	Field Meter	-88	1	Field Crew	
MO-THO	2019-DRY	Dry	8/21/2019 10:20:00 AM	8/21/2019 10:20:00 AM	Discharge	n/a	=	0.05	cfs	Field Estimate	-88	-88	Field Crew	EST
MO-THO	2019-DRY	Dry	8/21/2019 10:20:00 AM	8/21/2019 10:20:00 AM	DO	n/a	=	8.54	mg/L	Field Meter	-88	0.3	Field Crew	
MO-THO	2019-DRY	Dry	8/21/2019 10:20:00 AM	8/21/2019 10:20:00 AM	DO	n/a	=	95.1	%	Field Meter	-88	0.1	Field Crew	
MO-THO	2019-DRY	Dry	8/21/2019 10:20:00 AM	9/9/2019 5:35:00 PM	Hardness as CaCO3	Total	=	219	mg/L	EPA 200.7	0.0894	0.662	WKL	
MO-THO	2019-DRY	Dry	8/21/2019 10:20:00 AM	8/21/2019 10:20:00 AM	pH	n/a	=	8.13	pH Units	Field Meter	-88	0.01	Field Crew	
MO-THO	2019-DRY	Dry	8/21/2019 10:20:00 AM	8/21/2019 10:20:00 AM	Salinity	n/a	=	900	mg/L	Field Meter	-88	100	Field Crew	
MO-THO	2019-DRY	Dry	8/21/2019 10:20:00 AM	8/21/2019 10:20:00 AM	Specific Conductance	n/a	=	1772	µmhos/cm	Field Meter	-88	1	Field Crew	
MO-THO	2019-DRY	Dry	8/21/2019 10:20:00 AM	8/21/2019 10:20:00 AM	Temperature	n/a	=	19.4	°C	Field Meter	-88	0.1	Field Crew	
MO-THO	2019-DRY	Dry	8/21/2019 10:20:00 AM	8/22/2019 12:35:00 PM	Total Organic Carbon	n/a	=	7.5	mg/L	SM 5310 B	0.009	0.3	WKL	
MO-THO	2019-DRY	Dry	8/21/2019 10:20:00 AM	8/21/2019 10:20:00 AM	Turbidity	n/a	=	1.14	NTU	Field Meter	-88	0.01	Field Crew	
MO-THO	2019-DRY	Dry	8/21/2019 10:20:00 AM	9/3/2019 8:32:00 PM	Copper	Dissolved	=	1.7	µg/L	EPA 200.8	0.13	0.5	WKL	
MO-THO	2019-DRY	Dry	8/21/2019 10:20:00 AM	9/3/2019 8:32:00 PM	Lead	Dissolved	DNQ	0.053	µg/L	EPA 200.8	0.031	0.2	WKL	UL-MB
MO-THO	2019-DRY	Dry	8/21/2019 10:20:00 AM	9/3/2019 8:32:00 PM	Zinc	Dissolved	=	42	µg/L	EPA 200.8	0.94	5	WKL	
MO-VEN	2018/19-1	Wet	11/21/2018 11:15:00 PM	11/22/2018 9:00:00 PM	E. Coli	n/a	=	6131	MPN/100 mL	MMO-MUG	10	10	VCHCA	
MO-VEN	2018/19-1	Wet	11/21/2018 11:15:00 PM	11/22/2018 9:00:00 PM	Total Coliform	n/a	=	344800	MPN/100 mL	MMO-MUG	1000	1000	VCHCA	
MO-VEN	2018/19-1	Wet	11/21/2018 11:15:00 PM	11/21/2018 11:15:00 PM	Conductivity	n/a	=	117.2	µmhos/cm	Field Meter	-88	1	Field Crew	
MO-VEN	2018/19-1	Wet	11/21/2018 11:15:00 PM	11/28/2018 5:16:00 PM	Cyanide	Total	=	0.0049	mg/L	ASTM D7511	0.0005	0.002	WKL	
MO-VEN	2018/19-1	Wet	11/21/2018 11:15:00 PM	11/21/2018 11:15:00 PM	DO	n/a	=	90.4	%	Field Meter	-88	0.1	Field Crew	
MO-VEN	2018/19-1	Wet	11/21/2018 11:15:00 PM	11/21/2018 11:15:00 PM	DO	n/a	=	9.18	mg/L	Field Meter	-88	0.3	Field Crew	
MO-VEN	2018/19-1	Wet	11/21/2018 11:15:00 PM	11/21/2018 11:15:00 PM	pH	n/a	=	6.6	pH Units	Field Meter	-88	0.01	Field Crew	

Appendix G
Laboratory Environmental Analysis Results

Site ID	Event	Event Type	Sample Date	Analysis Date	Constituent	Fraction	Sign	Result	Units	Method	MDL	Reporting Limit	Analyzing Laboratory	Qualifier
MO-VEN	2018/19-1	Wet	11/21/2018 11:15:00 PM	11/21/2018 11:15:00 PM	Salinity	n/a	=	100	mg/L	Field Meter	-88	100	Field Crew	
MO-VEN	2018/19-1	Wet	11/21/2018 11:15:00 PM	11/21/2018 11:15:00 PM	Specific Conductance	n/a	=	138.3	µmhos/cm	Field Meter	-88	1	Field Crew	
MO-VEN	2018/19-1	Wet	11/21/2018 11:15:00 PM	11/21/2018 11:15:00 PM	Temperature	n/a	=	17	°C	Field Meter	-88	0.1	Field Crew	
MO-VEN	2018/19-1	Wet	11/21/2018 11:15:00 PM	11/30/2018 6:58:00 PM	Gasoline Range Organics	n/a	<	0.012	mg/L	LUFT GC/MS	0.012	0.1	WKL	
MO-VEN	2018/19-1	Wet	11/21/2018 11:15:00 PM	12/4/2018 9:18:00 AM	Oil and Grease	n/a	DNQ	2.2	mg/L	EPA 1664A	1.3	5	WKL	
MO-VEN	2018/19-1	Wet	11/21/2018 11:15:00 PM	11/26/2018 9:02:00 PM	2-Chloroethyl vinyl ether	n/a	<	0.28	µg/L	EPA 624	0.28	1	WKL	
MO-VEN	2018/19-1	Wet	11/21/2018 11:15:00 PM	11/26/2018 9:02:00 PM	Methyl tert-butyl ether (MTBE)	n/a	<	0.25	µg/L	EPA 624	0.25	1	WKL	
MO-VEN	2018/19-1	Wet	11/22/2018 10:45:00 AM	11/28/2018 9:00:00 PM	Chloride	n/a	=	14	mg/L	EPA 300.0	0.2	1	WKL	
MO-VEN	2018/19-1	Wet	11/22/2018 10:45:00 AM	11/28/2018 9:00:00 PM	Fluoride	n/a	DNQ	0.19	mg/L	EPA 300.0	0.04	2	WKL	
MO-VEN	2018/19-1	Wet	11/22/2018 10:45:00 AM	11/29/2018 5:27:00 PM	Perchlorate	n/a	<	0.95	µg/L	EPA 314.0	0.95	2	WKL	
MO-VEN	2018/19-1	Wet	11/22/2018 10:45:00 AM	11/28/2018 9:00:00 PM	Sulfate	Total	=	30	mg/L	EPA 300.0	0.2	1	WKL	
MO-VEN	2018/19-1	Wet	11/22/2018 10:45:00 AM	11/26/2018 4:48:00 PM	Calcium	Total	=	20.7	mg/L	EPA 200.7	0.016	0.1	WKL	
MO-VEN	2018/19-1	Wet	11/22/2018 10:45:00 AM	11/26/2018 4:48:00 PM	Magnesium	Total	=	5.05	mg/L	EPA 200.7	0.012	0.1	WKL	
MO-VEN	2018/19-1	Wet	11/22/2018 10:45:00 AM	11/26/2018 4:48:00 PM	Potassium	Total	=	6.8	mg/L	EPA 200.7	0.081	0.1	WKL	
MO-VEN	2018/19-1	Wet	11/22/2018 10:45:00 AM	11/27/2018 1:46:00 PM	Sodium	Total	=	13	mg/L	EPA 200.7	0.015	0.5	WKL	
MO-VEN	2018/19-1	Wet	11/22/2018 10:45:00 AM	11/29/2018 12:30:00 PM	Alkalinity as CaCO3	n/a	=	41	mg/L	SM 2320 B	0.56	2	WKL	
MO-VEN	2018/19-1	Wet	11/22/2018 10:45:00 AM	11/28/2018 6:31:00 PM	BOD	n/a	=	34	mg/L	SM 5210 B	2	2	WKL	
MO-VEN	2018/19-1	Wet	11/22/2018 10:45:00 AM	11/27/2018 2:52:00 PM	COD	n/a	=	220	mg/L	EPA 410.4	0.73	5	WKL	
MO-VEN	2018/19-1	Wet	11/22/2018 10:45:00 AM	12/4/2018 2:24:00 PM	Dissolved Inorganic Carbon	Dissolved	=	9.5	mg/L	SM 5310 B	0.016	0.1	WKL	
MO-VEN	2018/19-1	Wet	11/22/2018 10:45:00 AM	12/3/2018 11:13:00 AM	Dissolved Organic Carbon	Dissolved	=	23	mg/L	SM 5310 B	0.013	0.3	WKL	
MO-VEN	2018/19-1	Wet	11/22/2018 10:45:00 AM	11/26/2018 4:48:00 PM	Hardness as CaCO3	Total	=	72.5	mg/L	EPA 200.7	0.0894	0.662	WKL	
MO-VEN	2018/19-1	Wet	11/22/2018 10:45:00 AM	11/23/2018 6:32:00 PM	MBAS	n/a	=	0.55	mg/L	SM 5540 C	0.095	0.25	WKL	
MO-VEN	2018/19-1	Wet	11/22/2018 10:45:00 AM	12/4/2018 5:45:00 PM	Phenolics	n/a	=	0.034	mg/L	EPA 420.4	0.0042	0.01	WKL	HB-LCSR
MO-VEN	2018/19-1	Wet	11/22/2018 10:45:00 AM	12/3/2018 12:52:00 PM	Specific Conductance	n/a	=	210	µmhos/cm	SM 2510 B	0.23	2	WKL	
MO-VEN	2018/19-1	Wet	11/22/2018 10:45:00 AM	11/27/2018 6:57:00 PM	Total Dissolved Solids	n/a	=	140	mg/L	SM 2540 C	4	10	WKL	
MO-VEN	2018/19-1	Wet	11/22/2018 10:45:00 AM	11/30/2018 12:03:00 PM	Total Organic Carbon	n/a	=	35	mg/L	SM 5310 B	0.016	0.1	WKL	
MO-VEN	2018/19-1	Wet	11/22/2018 10:45:00 AM	11/27/2018 2:15:00 PM	Total Suspended Solids	n/a	=	240	mg/L	SM 2540 D	-88	5	WKL	
MO-VEN	2018/19-1	Wet	11/22/2018 10:45:00 AM	11/23/2018 6:35:00 PM	Turbidity	n/a	=	71	NTU	EPA 180.1	0.12	0.5	WKL	
MO-VEN	2018/19-1	Wet	11/22/2018 10:45:00 AM	11/27/2018 2:15:00 PM	Volatile Suspended Solids	n/a	=	63	mg/L	EPA 160.4	3.1	5	WKL	
MO-VEN	2018/19-1	Wet	11/22/2018 10:45:00 AM	11/30/2018 10:11:00 PM	Diesel Range Organics	n/a	=	0.66	mg/L	EPA 8015D	0.12	0.5	WKL	
MO-VEN	2018/19-1	Wet	11/22/2018 10:45:00 AM	11/30/2018 10:11:00 PM	Oil Range Organics	n/a	<	1.6	mg/L	EPA 8015D	1.6	2.5	WKL	
MO-VEN	2018/19-1	Wet	11/22/2018 10:45:00 AM	11/29/2018 1:54:00 PM	Aluminum	Dissolved	=	50	µg/L	EPA 200.8	1.3	5	WKL	
MO-VEN	2018/19-1	Wet	11/22/2018 10:45:00 AM	11/29/2018 1:58:00 PM	Aluminum	Total	=	3700	µg/L	EPA 200.8	1.3	5	WKL	HB-MSR
MO-VEN	2018/19-1	Wet	11/22/2018 10:45:00 AM	11/29/2018 1:54:00 PM	Antimony	Dissolved	=	1.3	µg/L	EPA 200.8	0.045	0.5	WKL	
MO-VEN	2018/19-1	Wet	11/22/2018 10:45:00 AM	11/29/2018 1:58:00 PM	Antimony	Total	=	2.9	µg/L	EPA 200.8	0.045	0.5	WKL	
MO-VEN	2018/19-1	Wet	11/22/2018 10:45:00 AM	11/29/2018 1:54:00 PM	Arsenic	Dissolved	=	1.1	µg/L	EPA 200.8	0.074	0.4	WKL	
MO-VEN	2018/19-1	Wet	11/22/2018 10:45:00 AM	11/29/2018 1:58:00 PM	Arsenic	Total	=	3.4	µg/L	EPA 200.8	0.074	0.4	WKL	
MO-VEN	2018/19-1	Wet	11/22/2018 10:45:00 AM	11/29/2018 1:58:00 PM	Barium	Total	=	74	µg/L	EPA 200.8	0.071	0.5	WKL	
MO-VEN	2018/19-1	Wet	11/22/2018 10:45:00 AM	11/29/2018 1:54:00 PM	Beryllium	Dissolved	<	0.033	µg/L	EPA 200.8	0.033	0.1	WKL	
MO-VEN	2018/19-1	Wet	11/22/2018 10:45:00 AM	11/29/2018 1:58:00 PM	Beryllium	Total	=	0.15	µg/L	EPA 200.8	0.033	0.1	WKL	
MO-VEN	2018/19-1	Wet	11/22/2018 10:45:00 AM	11/29/2018 1:54:00 PM	Cadmium	Dissolved	DNQ	0.054	µg/L	EPA 200.8	0.041	0.1	WKL	
MO-VEN	2018/19-1	Wet	11/22/2018 10:45:00 AM	11/29/2018 1:54:00 PM	Cadmium	Total	=	0.44	µg/L	EPA 200.8	0.041	0.1	WKL	
MO-VEN	2018/19-1	Wet	11/22/2018 10:45:00 AM	11/29/2018 1:54:00 PM	Chromium	Dissolved	=	0.87	µg/L	EPA 200.8	0.035	0.2	WKL	
MO-VEN	2018/19-1	Wet	11/22/2018 10:45:00 AM	11/29/2018 1:58:00 PM	Chromium	Total	=	8.5	µg/L	EPA 200.8	0.035	0.2	WKL	
MO-VEN	2018/19-1	Wet	11/22/2018 10:45:00 AM	11/30/2018 10:47:00 PM	Chromium VI	n/a	<	0.096	µg/L	EPA 218.6	0.096	0.4	WKL	
MO-VEN	2018/19-1	Wet	11/22/2018 10:45:00 AM	11/29/2018 1:54:00 PM	Copper	Dissolved	=	11	µg/L	EPA 200.8	0.13	0.5	WKL	
MO-VEN	2018/19-1	Wet	11/22/2018 10:45:00 AM	11/29/2018 1:58:00 PM	Copper	Total	=	110	µg/L	EPA 200.8	0.13	0.5	WKL	LB-MSR
MO-VEN	2018/19-1	Wet	11/22/2018 10:45:00 AM	11/26/2018 4:10:00 PM	Iron	Dissolved	=	140	µg/L	EPA 200.7	1.1	10	WKL	

Appendix G
Laboratory Environmental Analysis Results

Site ID	Event	Event Type	Sample Date	Analysis Date	Constituent	Fraction	Sign	Result	Units	Method	MDL	Reporting Limit	Analyzing Laboratory	Qualifier
MO-VEN	2018/19-1	Wet	11/22/2018 10:45:00 AM	11/26/2018 4:48:00 PM	Iron	Total	=	6200	µg/L	EPA 200.7	1.1	10	WKL	
MO-VEN	2018/19-1	Wet	11/22/2018 10:45:00 AM	11/29/2018 1:54:00 PM	Lead	Dissolved	=	1.4	µg/L	EPA 200.8	0.031	0.2	WKL	
MO-VEN	2018/19-1	Wet	11/22/2018 10:45:00 AM	11/29/2018 1:58:00 PM	Lead	Total	=	15	µg/L	EPA 200.8	0.031	0.2	WKL	
MO-VEN	2018/19-1	Wet	11/22/2018 10:45:00 AM	11/28/2018 3:21:00 PM	Mercury	Dissolved	<	17	ng/L	EPA 245.1	17	50	WKL	
MO-VEN	2018/19-1	Wet	11/22/2018 10:45:00 AM	11/28/2018 3:23:00 PM	Mercury	Total	DNQ	30	ng/L	EPA 245.1	17	50	WKL	
MO-VEN	2018/19-1	Wet	11/22/2018 10:45:00 AM	11/29/2018 1:54:00 PM	Nickel	Dissolved	=	4.5	µg/L	EPA 200.8	0.045	0.8	WKL	
MO-VEN	2018/19-1	Wet	11/22/2018 10:45:00 AM	11/29/2018 1:58:00 PM	Nickel	Total	=	13	µg/L	EPA 200.8	0.045	0.8	WKL	
MO-VEN	2018/19-1	Wet	11/22/2018 10:45:00 AM	11/29/2018 1:54:00 PM	Selenium	Dissolved	=	0.54	µg/L	EPA 200.8	0.14	0.4	WKL	
MO-VEN	2018/19-1	Wet	11/22/2018 10:45:00 AM	11/29/2018 1:58:00 PM	Selenium	Total	=	0.89	µg/L	EPA 200.8	0.14	0.4	WKL	
MO-VEN	2018/19-1	Wet	11/22/2018 10:45:00 AM	11/29/2018 1:54:00 PM	Silver	Dissolved	<	0.062	µg/L	EPA 200.8	0.062	0.2	WKL	
MO-VEN	2018/19-1	Wet	11/22/2018 10:45:00 AM	11/29/2018 1:58:00 PM	Silver	Total	DNQ	0.076	µg/L	EPA 200.8	0.062	0.2	WKL	
MO-VEN	2018/19-1	Wet	11/22/2018 10:45:00 AM	11/29/2018 1:54:00 PM	Thallium	Dissolved	<	0.014	µg/L	EPA 200.8	0.014	0.2	WKL	
MO-VEN	2018/19-1	Wet	11/22/2018 10:45:00 AM	11/29/2018 1:58:00 PM	Thallium	Total	DNQ	0.048	µg/L	EPA 200.8	0.014	0.2	WKL	
MO-VEN	2018/19-1	Wet	11/22/2018 10:45:00 AM	11/29/2018 1:54:00 PM	Zinc	Dissolved	=	76	µg/L	EPA 200.8	0.94	5	WKL	
MO-VEN	2018/19-1	Wet	11/22/2018 10:45:00 AM	11/29/2018 1:58:00 PM	Zinc	Total	=	330	µg/L	EPA 200.8	0.94	5	WKL	
MO-VEN	2018/19-1	Wet	11/22/2018 10:45:00 AM	11/27/2018 4:38:00 PM	Ammonia as N	n/a	=	0.91	mg/L	EPA 350.1	0.048	0.1	WKL	
MO-VEN	2018/19-1	Wet	11/22/2018 10:45:00 AM	12/12/2018 6:06:00 PM	Nitrate + Nitrite as N	n/a	=	0.72	mg/L	EPA 353.2	0.083	0.2	WKL	
MO-VEN	2018/19-1	Wet	11/22/2018 10:45:00 AM	1/25/2019 2:42:00 PM	Phosphorus as P	Dissolved	=	0.49	mg/L	EPA 200.7	0.012	0.02	WKL	
MO-VEN	2018/19-1	Wet	11/22/2018 10:45:00 AM	1/25/2019 2:45:00 PM	Phosphorus as P	Total	=	0.94	mg/L	EPA 200.7	0.012	0.02	WKL	
MO-VEN	2018/19-1	Wet	11/22/2018 10:45:00 AM	11/29/2018 1:50:00 PM	TKN	n/a	=	3	mg/L	EPA 351.2	0.05	0.1	WKL	
MO-VEN	2018/19-1	Wet	11/22/2018 10:45:00 AM	12/28/2018 11:48:00 PM	1,2,4-Trichlorobenzene	n/a	<	2.8	µg/L	EPA 625	2.8	5	WKL	
MO-VEN	2018/19-1	Wet	11/22/2018 10:45:00 AM	12/28/2018 11:48:00 PM	1,2-Dichlorobenzene	n/a	<	2.8	µg/L	EPA 625	2.8	5	WKL	
MO-VEN	2018/19-1	Wet	11/22/2018 10:45:00 AM	12/28/2018 11:48:00 PM	1,2-Diphenylhydrazine	n/a	<	1.2	µg/L	EPA 625	1.2	5	WKL	
MO-VEN	2018/19-1	Wet	11/22/2018 10:45:00 AM	12/28/2018 11:48:00 PM	1,3-Dichlorobenzene	n/a	<	2.6	µg/L	EPA 625	2.6	5	WKL	
MO-VEN	2018/19-1	Wet	11/22/2018 10:45:00 AM	12/28/2018 11:48:00 PM	1,4-Dichlorobenzene	n/a	<	2.8	µg/L	EPA 625	2.8	5	WKL	
MO-VEN	2018/19-1	Wet	11/22/2018 10:45:00 AM	1/4/2019 6:14:00 AM	1-Methylnaphthalene	n/a	<	1	µg/L	EPA 8270C	1	1	WKL	
MO-VEN	2018/19-1	Wet	11/22/2018 10:45:00 AM	1/2/2019 8:28:00 PM	2,4,5-Trichlorophenol	n/a	<	2.9	µg/L	EPA 8270C	2.9	10	WKL	
MO-VEN	2018/19-1	Wet	11/22/2018 10:45:00 AM	1/2/2019 8:28:00 PM	2,4,6-Trichlorophenol	n/a	<	3	µg/L	EPA 8270C	3	10	WKL	
MO-VEN	2018/19-1	Wet	11/22/2018 10:45:00 AM	12/28/2018 11:48:00 PM	2,4,6-Trichlorophenol	n/a	<	1.1	µg/L	EPA 625	1.1	5	WKL	
MO-VEN	2018/19-1	Wet	11/22/2018 10:45:00 AM	12/28/2018 11:48:00 PM	2,4-Dichlorophenol	n/a	<	1.3	µg/L	EPA 625	1.3	5	WKL	
MO-VEN	2018/19-1	Wet	11/22/2018 10:45:00 AM	1/2/2019 8:28:00 PM	2,4-Dichlorophenol	n/a	<	5.1	µg/L	EPA 8270C	5.1	10	WKL	
MO-VEN	2018/19-1	Wet	11/22/2018 10:45:00 AM	12/28/2018 11:48:00 PM	2,4-Dimethylphenol	n/a	<	1.5	µg/L	EPA 625	1.5	5	WKL	
MO-VEN	2018/19-1	Wet	11/22/2018 10:45:00 AM	1/2/2019 8:28:00 PM	2,4-Dimethylphenol	n/a	<	10	µg/L	EPA 8270C	10	20	WKL	
MO-VEN	2018/19-1	Wet	11/22/2018 10:45:00 AM	1/2/2019 8:28:00 PM	2,4-Dinitrophenol	n/a	<	10	µg/L	EPA 8270C	10	20	WKL	
MO-VEN	2018/19-1	Wet	11/22/2018 10:45:00 AM	12/28/2018 11:48:00 PM	2,4-Dinitrophenol	n/a	<	7.9	µg/L	EPA 625	7.9	50	WKL	
MO-VEN	2018/19-1	Wet	11/22/2018 10:45:00 AM	12/28/2018 11:48:00 PM	2,4-Dinitrotoluene	n/a	<	0.9	µg/L	EPA 625	0.9	5	WKL	
MO-VEN	2018/19-1	Wet	11/22/2018 10:45:00 AM	12/28/2018 11:48:00 PM	2,6-Dinitrotoluene	n/a	<	1.4	µg/L	EPA 625	1.4	5	WKL	
MO-VEN	2018/19-1	Wet	11/22/2018 10:45:00 AM	12/28/2018 11:48:00 PM	2-Chloronaphthalene	n/a	<	2.2	µg/L	EPA 625	2.2	5	WKL	
MO-VEN	2018/19-1	Wet	11/22/2018 10:45:00 AM	1/2/2019 8:28:00 PM	2-Chlorophenol	n/a	<	6.5	µg/L	EPA 8270C	6.5	10	WKL	
MO-VEN	2018/19-1	Wet	11/22/2018 10:45:00 AM	12/28/2018 11:48:00 PM	2-Chlorophenol	n/a	<	1.4	µg/L	EPA 625	1.4	5	WKL	
MO-VEN	2018/19-1	Wet	11/22/2018 10:45:00 AM	1/4/2019 6:14:00 AM	2-Methylnaphthalene	n/a	<	1	µg/L	EPA 8270C	1	1	WKL	
MO-VEN	2018/19-1	Wet	11/22/2018 10:45:00 AM	1/2/2019 8:28:00 PM	2-Methylphenol	n/a	<	3.4	µg/L	EPA 8270C	3.4	10	WKL	
MO-VEN	2018/19-1	Wet	11/22/2018 10:45:00 AM	1/2/2019 8:28:00 PM	2-Nitrophenol	n/a	<	7.1	µg/L	EPA 8270C	7.1	10	WKL	
MO-VEN	2018/19-1	Wet	11/22/2018 10:45:00 AM	12/28/2018 11:48:00 PM	2-Nitrophenol	n/a	<	1.3	µg/L	EPA 625	1.3	5	WKL	
MO-VEN	2018/19-1	Wet	11/22/2018 10:45:00 AM	12/28/2018 11:48:00 PM	3,3'-Dichlorobenzidine	n/a	<	6	µg/L	EPA 625	6	25	WKL	
MO-VEN	2018/19-1	Wet	11/22/2018 10:45:00 AM	1/2/2019 8:28:00 PM	3-/4-Methylphenol	n/a	<	3	µg/L	EPA 8270C	3	10	WKL	
MO-VEN	2018/19-1	Wet	11/22/2018 10:45:00 AM	12/28/2018 11:48:00 PM	4,6-Dinitro-2-methylphenol	n/a	<	8.6	µg/L	EPA 625	8.6	25	WKL	
MO-VEN	2018/19-1	Wet	11/22/2018 10:45:00 AM	1/2/2019 8:28:00 PM	4,6-Dinitro-2-methylphenol	n/a	<	1.4	µg/L	EPA 8270C	1.4	10	WKL	

Appendix G
Laboratory Environmental Analysis Results

Site ID	Event	Event Type	Sample Date	Analysis Date	Constituent	Fraction	Sign	Result	Units	Method	MDL	Reporting Limit	Analyzing Laboratory	Qualifier
MO-VEN	2018/19-1	Wet	11/22/2018 10:45:00 AM	12/28/2018 11:48:00 PM	4-Bromophenyl phenyl ether	n/a	<	1.8	µg/L	EPA 625	1.8	5	WKL	
MO-VEN	2018/19-1	Wet	11/22/2018 10:45:00 AM	1/2/2019 8:28:00 PM	4-Chloro-3-methylphenol	n/a	<	3.7	µg/L	EPA 8270C	3.7	10	WKL	
MO-VEN	2018/19-1	Wet	11/22/2018 10:45:00 AM	12/28/2018 11:48:00 PM	4-Chloro-3-methylphenol	n/a	<	1.2	µg/L	EPA 625	1.2	5	WKL	
MO-VEN	2018/19-1	Wet	11/22/2018 10:45:00 AM	12/28/2018 11:48:00 PM	4-Chlorophenyl phenyl ether	n/a	<	2	µg/L	EPA 625	2	5	WKL	
MO-VEN	2018/19-1	Wet	11/22/2018 10:45:00 AM	1/2/2019 8:28:00 PM	4-Nitrophenol	n/a	<	10	µg/L	EPA 8270C	10	20	WKL	
MO-VEN	2018/19-1	Wet	11/22/2018 10:45:00 AM	12/28/2018 11:48:00 PM	4-Nitrophenol	n/a	<	2.2	µg/L	EPA 625	2.2	25	WKL	
MO-VEN	2018/19-1	Wet	11/22/2018 10:45:00 AM	1/4/2019 6:14:00 AM	Acenaphthene	n/a	<	1	µg/L	EPA 8270C	1	1	WKL	
MO-VEN	2018/19-1	Wet	11/22/2018 10:45:00 AM	12/28/2018 11:48:00 PM	Acenaphthene	n/a	<	1.9	µg/L	EPA 625	1.9	5	WKL	
MO-VEN	2018/19-1	Wet	11/22/2018 10:45:00 AM	12/28/2018 11:48:00 PM	Acenaphthylene	n/a	<	2	µg/L	EPA 625	2	5	WKL	
MO-VEN	2018/19-1	Wet	11/22/2018 10:45:00 AM	1/4/2019 6:14:00 AM	Acenaphthylene	n/a	<	1	µg/L	EPA 8270C	1	1	WKL	
MO-VEN	2018/19-1	Wet	11/22/2018 10:45:00 AM	12/28/2018 11:48:00 PM	Anthracene	n/a	<	1.7	µg/L	EPA 625	1.7	5	WKL	
MO-VEN	2018/19-1	Wet	11/22/2018 10:45:00 AM	1/4/2019 6:14:00 AM	Anthracene	n/a	<	1	µg/L	EPA 8270C	1	1	WKL	
MO-VEN	2018/19-1	Wet	11/22/2018 10:45:00 AM	1/4/2019 6:14:00 AM	Benz(a)anthracene	n/a	<	1	µg/L	EPA 8270C	1	1	WKL	
MO-VEN	2018/19-1	Wet	11/22/2018 10:45:00 AM	12/28/2018 11:48:00 PM	Benz(a)anthracene	n/a	<	0.95	µg/L	EPA 625	0.95	5	WKL	
MO-VEN	2018/19-1	Wet	11/22/2018 10:45:00 AM	12/28/2018 11:48:00 PM	Benzidine	n/a	<	18	µg/L	EPA 625	18	50	WKL	
MO-VEN	2018/19-1	Wet	11/22/2018 10:45:00 AM	12/28/2018 11:48:00 PM	Benzo(a)pyrene	n/a	<	0.65	µg/L	EPA 625	0.65	5	WKL	
MO-VEN	2018/19-1	Wet	11/22/2018 10:45:00 AM	12/14/2018 5:11:00 AM	Benzo(a)pyrene	n/a	DNQ	0.14	µg/L	EPA 525.2	0.14	0.2	WKL	
MO-VEN	2018/19-1	Wet	11/22/2018 10:45:00 AM	1/4/2019 6:14:00 AM	Benzo(a)pyrene	n/a	<	1	µg/L	EPA 8270C	1	1	WKL	
MO-VEN	2018/19-1	Wet	11/22/2018 10:45:00 AM	1/4/2019 6:14:00 AM	Benzo(b)fluoranthene	n/a	<	1	µg/L	EPA 8270C	1	1	WKL	
MO-VEN	2018/19-1	Wet	11/22/2018 10:45:00 AM	12/28/2018 11:48:00 PM	Benzo(b)fluoranthene	n/a	<	0.7	µg/L	EPA 625	0.7	5	WKL	
MO-VEN	2018/19-1	Wet	11/22/2018 10:45:00 AM	12/28/2018 11:48:00 PM	Benzo(g,h,i)perylene	n/a	<	0.5	µg/L	EPA 625	0.5	10	WKL	
MO-VEN	2018/19-1	Wet	11/22/2018 10:45:00 AM	1/4/2019 6:14:00 AM	Benzo(g,h,i)perylene	n/a	<	1	µg/L	EPA 8270C	1	1	WKL	
MO-VEN	2018/19-1	Wet	11/22/2018 10:45:00 AM	12/28/2018 11:48:00 PM	Benzo(k)fluoranthene	n/a	<	1.1	µg/L	EPA 625	1.1	5	WKL	
MO-VEN	2018/19-1	Wet	11/22/2018 10:45:00 AM	1/4/2019 6:14:00 AM	Benzo(k)fluoranthene	n/a	<	1	µg/L	EPA 8270C	1	1	WKL	
MO-VEN	2018/19-1	Wet	11/22/2018 10:45:00 AM	12/28/2018 11:48:00 PM	Bis(2-chloroethoxy)methane	n/a	<	1.2	µg/L	EPA 625	1.2	5	WKL	
MO-VEN	2018/19-1	Wet	11/22/2018 10:45:00 AM	12/28/2018 11:48:00 PM	Bis(2-chloroethyl)ether	n/a	<	1.4	µg/L	EPA 625	1.4	5	WKL	
MO-VEN	2018/19-1	Wet	11/22/2018 10:45:00 AM	12/28/2018 11:48:00 PM	Bis(2-chloroisopropyl)ether	n/a	<	1.9	µg/L	EPA 625	1.9	5	WKL	
MO-VEN	2018/19-1	Wet	11/22/2018 10:45:00 AM	12/14/2018 5:11:00 AM	Bis(2-ethylhexyl)adipate	n/a	<	0.21	µg/L	EPA 525.2	0.21	10	WKL	
MO-VEN	2018/19-1	Wet	11/22/2018 10:45:00 AM	12/28/2018 11:48:00 PM	Bis(2-ethylhexyl)phthalate	n/a	<	12	µg/L	EPA 625	12	25	WKL	
MO-VEN	2018/19-1	Wet	11/22/2018 10:45:00 AM	12/14/2018 5:11:00 AM	Bis(2-ethylhexyl)phthalate	n/a	DNQ	2.1	µg/L	EPA 525.2	2.1	6	WKL	
MO-VEN	2018/19-1	Wet	11/22/2018 10:45:00 AM	12/28/2018 11:48:00 PM	Butyl benzyl phthalate	n/a	DNQ	0.95	µg/L	EPA 625	0.9	5	WKL	UL-MB
MO-VEN	2018/19-1	Wet	11/22/2018 10:45:00 AM	1/4/2019 6:14:00 AM	Chrysene	n/a	<	1	µg/L	EPA 8270C	1	1	WKL	
MO-VEN	2018/19-1	Wet	11/22/2018 10:45:00 AM	12/28/2018 11:48:00 PM	Chrysene	n/a	<	0.95	µg/L	EPA 625	0.95	5	WKL	
MO-VEN	2018/19-1	Wet	11/22/2018 10:45:00 AM	1/4/2019 6:14:00 AM	Dibenz(a,h)anthracene	n/a	<	1	µg/L	EPA 8270C	1	1	WKL	
MO-VEN	2018/19-1	Wet	11/22/2018 10:45:00 AM	12/28/2018 11:48:00 PM	Dibenz(a,h)anthracene	n/a	<	0.4	µg/L	EPA 625	0.4	10	WKL	
MO-VEN	2018/19-1	Wet	11/22/2018 10:45:00 AM	12/28/2018 11:48:00 PM	Diethyl phthalate	n/a	<	0.75	µg/L	EPA 625	0.75	5	WKL	
MO-VEN	2018/19-1	Wet	11/22/2018 10:45:00 AM	12/28/2018 11:48:00 PM	Dimethyl phthalate	n/a	<	0.9	µg/L	EPA 625	0.9	5	WKL	
MO-VEN	2018/19-1	Wet	11/22/2018 10:45:00 AM	12/28/2018 11:48:00 PM	Di-n-butylphthalate	n/a	<	1.2	µg/L	EPA 625	1.2	5	WKL	
MO-VEN	2018/19-1	Wet	11/22/2018 10:45:00 AM	12/28/2018 11:48:00 PM	Di-n-octylphthalate	n/a	<	0.95	µg/L	EPA 625	0.95	5	WKL	
MO-VEN	2018/19-1	Wet	11/22/2018 10:45:00 AM	1/4/2019 6:14:00 AM	Fluoranthene	n/a	<	1	µg/L	EPA 8270C	1	1	WKL	
MO-VEN	2018/19-1	Wet	11/22/2018 10:45:00 AM	12/28/2018 11:48:00 PM	Fluoranthene	n/a	<	1.1	µg/L	EPA 625	1.1	5	WKL	
MO-VEN	2018/19-1	Wet	11/22/2018 10:45:00 AM	12/28/2018 11:48:00 PM	Fluorene	n/a	<	1.8	µg/L	EPA 625	1.8	5	WKL	
MO-VEN	2018/19-1	Wet	11/22/2018 10:45:00 AM	1/4/2019 6:14:00 AM	Fluorene	n/a	<	1	µg/L	EPA 8270C	1	1	WKL	
MO-VEN	2018/19-1	Wet	11/22/2018 10:45:00 AM	12/28/2018 11:48:00 PM	Hexachlorobenzene	n/a	<	2.4	µg/L	EPA 625	2.4	5	WKL	
MO-VEN	2018/19-1	Wet	11/22/2018 10:45:00 AM	12/28/2018 11:48:00 PM	Hexachlorobutadiene	n/a	<	2.4	µg/L	EPA 625	2.4	5	WKL	
MO-VEN	2018/19-1	Wet	11/22/2018 10:45:00 AM	12/28/2018 11:48:00 PM	Hexachlorocyclopentadiene	n/a	<	7.3	µg/L	EPA 625	7.3	25	WKL	
MO-VEN	2018/19-1	Wet	11/22/2018 10:45:00 AM	12/28/2018 11:48:00 PM	Hexachloroethane	n/a	<	2.6	µg/L	EPA 625	2.6	5	WKL	
MO-VEN	2018/19-1	Wet	11/22/2018 10:45:00 AM	1/4/2019 6:14:00 AM	Indeno(1,2,3-cd)pyrene	n/a	<	1	µg/L	EPA 8270C	1	1	WKL	

Appendix G
Laboratory Environmental Analysis Results

Site ID	Event	Event Type	Sample Date	Analysis Date	Constituent	Fraction	Sign	Result	Units	Method	MDL	Reporting Limit	Analyzing Laboratory	Qualifier
MO-VEN	2018/19-1	Wet	11/22/2018 10:45:00 AM	12/28/2018 11:48:00 PM	Indeno(1,2,3-cd)pyrene	n/a	<	0.6	µg/L	EPA 625	0.6	10	WKL	
MO-VEN	2018/19-1	Wet	11/22/2018 10:45:00 AM	12/28/2018 11:48:00 PM	Isophorone	n/a	<	1	µg/L	EPA 625	1	5	WKL	
MO-VEN	2018/19-1	Wet	11/22/2018 10:45:00 AM	12/28/2018 11:48:00 PM	Naphthalene	n/a	<	2.4	µg/L	EPA 625	2.4	5	WKL	
MO-VEN	2018/19-1	Wet	11/22/2018 10:45:00 AM	1/4/2019 6:14:00 AM	Naphthalene	n/a	<	1	µg/L	EPA 8270C	1	1	WKL	
MO-VEN	2018/19-1	Wet	11/22/2018 10:45:00 AM	12/28/2018 11:48:00 PM	Nitrobenzene	n/a	<	1.8	µg/L	EPA 625	1.8	5	WKL	
MO-VEN	2018/19-1	Wet	11/22/2018 10:45:00 AM	12/28/2018 11:48:00 PM	N-Nitrosodimethylamine	n/a	<	0.7	µg/L	EPA 625	0.7	5	WKL	
MO-VEN	2018/19-1	Wet	11/22/2018 10:45:00 AM	12/28/2018 11:48:00 PM	N-Nitrosodi-N-propylamine	n/a	<	1.3	µg/L	EPA 625	1.3	5	WKL	
MO-VEN	2018/19-1	Wet	11/22/2018 10:45:00 AM	12/28/2018 11:48:00 PM	N-Nitrosodiphenylamine	n/a	<	0.95	µg/L	EPA 625	0.95	5	WKL	
MO-VEN	2018/19-1	Wet	11/22/2018 10:45:00 AM	12/28/2018 11:48:00 PM	Phenanthrene	n/a	<	1.6	µg/L	EPA 625	1.6	5	WKL	
MO-VEN	2018/19-1	Wet	11/22/2018 10:45:00 AM	1/4/2019 6:14:00 AM	Phenanthrene	n/a	<	1	µg/L	EPA 8270C	1	1	WKL	
MO-VEN	2018/19-1	Wet	11/22/2018 10:45:00 AM	12/28/2018 11:48:00 PM	Phenol	n/a	<	0.8	µg/L	EPA 625	0.8	5	WKL	
MO-VEN	2018/19-1	Wet	11/22/2018 10:45:00 AM	1/2/2019 8:28:00 PM	Phenol	n/a	<	3.5	µg/L	EPA 8270C	3.5	10	WKL	
MO-VEN	2018/19-1	Wet	11/22/2018 10:45:00 AM	1/4/2019 6:14:00 AM	Pyrene	n/a	<	1	µg/L	EPA 8270C	1	1	WKL	
MO-VEN	2018/19-1	Wet	11/22/2018 10:45:00 AM	12/28/2018 11:48:00 PM	Pyrene	n/a	<	1.2	µg/L	EPA 625	1.2	5	WKL	
MO-VEN	2018/19-1	Wet	11/22/2018 10:45:00 AM	12/20/2018 5:45:00 AM	PCB Aroclor 1016	n/a	<	1	µg/L	EPA 608	1	10	WKL	
MO-VEN	2018/19-1	Wet	11/22/2018 10:45:00 AM	12/20/2018 5:45:00 AM	PCB Aroclor 1221	n/a	<	1.2	µg/L	EPA 608	1.2	10	WKL	
MO-VEN	2018/19-1	Wet	11/22/2018 10:45:00 AM	12/20/2018 5:45:00 AM	PCB Aroclor 1232	n/a	<	3	µg/L	EPA 608	3	10	WKL	
MO-VEN	2018/19-1	Wet	11/22/2018 10:45:00 AM	12/20/2018 5:45:00 AM	PCB Aroclor 1242	n/a	<	1.4	µg/L	EPA 608	1.4	10	WKL	
MO-VEN	2018/19-1	Wet	11/22/2018 10:45:00 AM	12/20/2018 5:45:00 AM	PCB Aroclor 1248	n/a	<	1.2	µg/L	EPA 608	1.2	10	WKL	
MO-VEN	2018/19-1	Wet	11/22/2018 10:45:00 AM	12/20/2018 5:45:00 AM	PCB Aroclor 1254	n/a	<	0.8	µg/L	EPA 608	0.8	10	WKL	
MO-VEN	2018/19-1	Wet	11/22/2018 10:45:00 AM	12/20/2018 5:45:00 AM	PCB Aroclor 1260	n/a	<	0.8	µg/L	EPA 608	0.8	10	WKL	
MO-VEN	2018/19-1	Wet	11/22/2018 10:45:00 AM	12/15/2018 3:59:00 AM	2,4,5-T	n/a	<	0.07	µg/L	EPA 515.3	0.07	0.2	WKL	
MO-VEN	2018/19-1	Wet	11/22/2018 10:45:00 AM	12/15/2018 3:59:00 AM	2,4,5-TP	n/a	<	0.09	µg/L	EPA 515.3	0.09	0.2	WKL	
MO-VEN	2018/19-1	Wet	11/22/2018 10:45:00 AM	12/15/2018 3:59:00 AM	2,4-D	n/a	<	0.07	µg/L	EPA 515.3	0.07	0.4	WKL	
MO-VEN	2018/19-1	Wet	11/22/2018 10:45:00 AM	12/15/2018 3:59:00 AM	2,4-DB	n/a	<	0.07	µg/L	EPA 515.3	0.07	2	WKL	
MO-VEN	2018/19-1	Wet	11/22/2018 10:45:00 AM	12/15/2018 3:59:00 AM	3,5-Dichlorobenzoic acid	n/a	<	0.09	µg/L	EPA 515.3	0.09	1	WKL	
MO-VEN	2018/19-1	Wet	11/22/2018 10:45:00 AM	12/20/2018 5:45:00 AM	4,4'-DDD	n/a	<	0.06	µg/L	EPA 608	0.06	1	WKL	
MO-VEN	2018/19-1	Wet	11/22/2018 10:45:00 AM	12/20/2018 5:45:00 AM	4,4'-DDE	n/a	<	0.05	µg/L	EPA 608	0.05	1	WKL	
MO-VEN	2018/19-1	Wet	11/22/2018 10:45:00 AM	12/20/2018 5:45:00 AM	4,4'-DDT	n/a	<	0.062	µg/L	EPA 608	0.062	0.2	WKL	
MO-VEN	2018/19-1	Wet	11/22/2018 10:45:00 AM	12/15/2018 3:59:00 AM	Acifluorfen	n/a	<	0.06	µg/L	EPA 515.3	0.06	0.4	WKL	
MO-VEN	2018/19-1	Wet	11/22/2018 10:45:00 AM	12/14/2018 5:11:00 AM	Alachlor	n/a	<	0.044	µg/L	EPA 525.2	0.044	0.2	WKL	
MO-VEN	2018/19-1	Wet	11/22/2018 10:45:00 AM	12/20/2018 5:45:00 AM	Aldrin	n/a	<	0.03	µg/L	EPA 608	0.03	0.1	WKL	
MO-VEN	2018/19-1	Wet	11/22/2018 10:45:00 AM	12/20/2018 5:45:00 AM	alpha-BHC	n/a	<	0.036	µg/L	EPA 608	0.036	0.2	WKL	
MO-VEN	2018/19-1	Wet	11/22/2018 10:45:00 AM	12/20/2018 5:45:00 AM	alpha-Chlordane	n/a	<	0.082	µg/L	EPA 608	0.082	0.2	WKL	
MO-VEN	2018/19-1	Wet	11/22/2018 10:45:00 AM	12/14/2018 5:11:00 AM	Atrazine	n/a	<	0.068	µg/L	EPA 525.2	0.068	0.2	WKL	
MO-VEN	2018/19-1	Wet	11/22/2018 10:45:00 AM	12/12/2018 6:53:00 AM	Azinphos methyl	n/a	<	0.011	µg/L	EPA 525.2m	0.011	0.02	WKL	
MO-VEN	2018/19-1	Wet	11/22/2018 10:45:00 AM	12/15/2018 3:59:00 AM	Bentazon	n/a	<	0.11	µg/L	EPA 515.3	0.11	2	WKL	
MO-VEN	2018/19-1	Wet	11/22/2018 10:45:00 AM	12/20/2018 5:45:00 AM	beta-BHC	n/a	<	0.062	µg/L	EPA 608	0.062	0.1	WKL	
MO-VEN	2018/19-1	Wet	11/22/2018 10:45:00 AM	12/12/2018 6:53:00 AM	Bolstar	n/a	<	0.0092	µg/L	EPA 525.2m	0.0092	0.02	WKL	
MO-VEN	2018/19-1	Wet	11/22/2018 10:45:00 AM	12/14/2018 5:11:00 AM	Bromacil	n/a	<	0.076	µg/L	EPA 525.2	0.076	2	WKL	
MO-VEN	2018/19-1	Wet	11/22/2018 10:45:00 AM	12/14/2018 5:11:00 AM	Butachlor	n/a	<	0.034	µg/L	EPA 525.2	0.034	0.4	WKL	
MO-VEN	2018/19-1	Wet	11/22/2018 10:45:00 AM	12/14/2018 5:11:00 AM	Captan	n/a	<	1.7	µg/L	EPA 525.2	1.7	2	WKL	
MO-VEN	2018/19-1	Wet	11/22/2018 10:45:00 AM	12/20/2018 5:45:00 AM	Chlordane (technical)	n/a	<	1.6	µg/L	EPA 608	1.6	2	WKL	
MO-VEN	2018/19-1	Wet	11/22/2018 10:45:00 AM	12/14/2018 5:11:00 AM	Chlorpropham	n/a	<	0.02	µg/L	EPA 525.2	0.02	0.2	WKL	
MO-VEN	2018/19-1	Wet	11/22/2018 10:45:00 AM	12/12/2018 6:53:00 AM	Chlorpyrifos	n/a	<	0.014	µg/L	EPA 525.2m	0.014	0.02	WKL	
MO-VEN	2018/19-1	Wet	11/22/2018 10:45:00 AM	12/12/2018 6:53:00 AM	Coumaphos	n/a	<	0.01	µg/L	EPA 525.2m	0.01	0.02	WKL	
MO-VEN	2018/19-1	Wet	11/22/2018 10:45:00 AM	12/14/2018 5:11:00 AM	Cyanazine	n/a	<	0.048	µg/L	EPA 525.2	0.048	0.2	WKL	
MO-VEN	2018/19-1	Wet	11/22/2018 10:45:00 AM	12/15/2018 3:59:00 AM	Dalapon	n/a	<	0.1	µg/L	EPA 515.3	0.1	0.4	WKL	

Appendix G
Laboratory Environmental Analysis Results

Site ID	Event	Event Type	Sample Date	Analysis Date	Constituent	Fraction	Sign	Result	Units	Method	MDL	Reporting Limit	Analyzing Laboratory	Qualifier
MO-VEN	2018/19-1	Wet	11/22/2018 10:45:00 AM	12/15/2018 3:59:00 AM	DCPA (Dacthal)	n/a	<	0.07	µg/L	EPA 515.3	0.07	0.1	WKL	
MO-VEN	2018/19-1	Wet	11/22/2018 10:45:00 AM	12/20/2018 5:45:00 AM	delta-BHC	n/a	<	0.05	µg/L	EPA 608	0.05	0.1	WKL	
MO-VEN	2018/19-1	Wet	11/22/2018 10:45:00 AM	12/12/2018 6:53:00 AM	Demeton-O	n/a	<	0.02	µg/L	EPA 525.2m	0.02	0.02	WKL	
MO-VEN	2018/19-1	Wet	11/22/2018 10:45:00 AM	12/12/2018 6:53:00 AM	Demeton-S	n/a	<	0.02	µg/L	EPA 525.2m	0.02	0.02	WKL	
MO-VEN	2018/19-1	Wet	11/22/2018 10:45:00 AM	12/14/2018 5:11:00 AM	Diazinon	n/a	<	0.19	µg/L	EPA 525.2	0.19	0.2	WKL	
MO-VEN	2018/19-1	Wet	11/22/2018 10:45:00 AM	12/12/2018 10:45:00 AM	Diazinon	n/a	<	0.01	µg/L	EPA 525.2m	0.01	0.02	WKL	
MO-VEN	2018/19-1	Wet	11/22/2018 10:45:00 AM	12/15/2018 3:59:00 AM	Dicamba	n/a	<	0.12	µg/L	EPA 515.3	0.12	0.6	WKL	
MO-VEN	2018/19-1	Wet	11/22/2018 10:45:00 AM	12/15/2018 3:59:00 AM	Dichlorprop	n/a	<	0.08	µg/L	EPA 515.3	0.08	0.3	WKL	
MO-VEN	2018/19-1	Wet	11/22/2018 10:45:00 AM	12/12/2018 6:53:00 AM	Dichlorvos	n/a	=	0.033	µg/L	EPA 525.2m	0.0058	0.02	WKL	
MO-VEN	2018/19-1	Wet	11/22/2018 10:45:00 AM	12/20/2018 5:45:00 AM	Dieldrin	n/a	<	0.042	µg/L	EPA 608	0.042	0.2	WKL	
MO-VEN	2018/19-1	Wet	11/22/2018 10:45:00 AM	12/14/2018 5:11:00 AM	Dimethoate	n/a	<	0.048	µg/L	EPA 525.2	0.048	0.4	WKL	
MO-VEN	2018/19-1	Wet	11/22/2018 10:45:00 AM	12/12/2018 6:53:00 AM	Dimethoate	n/a	<	0.012	µg/L	EPA 525.2m	0.012	0.02	WKL	
MO-VEN	2018/19-1	Wet	11/22/2018 10:45:00 AM	12/15/2018 3:59:00 AM	Dinoseb	n/a	<	0.14	µg/L	EPA 515.3	0.14	0.4	WKL	
MO-VEN	2018/19-1	Wet	11/22/2018 10:45:00 AM	12/14/2018 5:11:00 AM	Diphenamid	n/a	<	0.048	µg/L	EPA 525.2	0.048	0.2	WKL	
MO-VEN	2018/19-1	Wet	11/22/2018 10:45:00 AM	12/14/2018 5:11:00 AM	Disulfoton	n/a	<	0.062	µg/L	EPA 525.2	0.062	0.2	WKL	
MO-VEN	2018/19-1	Wet	11/22/2018 10:45:00 AM	12/12/2018 6:53:00 AM	Disulfoton	n/a	<	0.02	µg/L	EPA 525.2m	0.02	0.02	WKL	
MO-VEN	2018/19-1	Wet	11/22/2018 10:45:00 AM	12/20/2018 5:45:00 AM	Endosulfan I	n/a	<	0.034	µg/L	EPA 608	0.034	0.4	WKL	
MO-VEN	2018/19-1	Wet	11/22/2018 10:45:00 AM	12/20/2018 5:45:00 AM	Endosulfan II	n/a	<	0.038	µg/L	EPA 608	0.038	0.2	WKL	
MO-VEN	2018/19-1	Wet	11/22/2018 10:45:00 AM	12/20/2018 5:45:00 AM	Endosulfan sulfate	n/a	<	0.16	µg/L	EPA 608	0.16	1	WKL	
MO-VEN	2018/19-1	Wet	11/22/2018 10:45:00 AM	12/20/2018 5:45:00 AM	Endrin	n/a	<	0.056	µg/L	EPA 608	0.056	0.2	WKL	
MO-VEN	2018/19-1	Wet	11/22/2018 10:45:00 AM	12/20/2018 5:45:00 AM	Endrin aldehyde	n/a	<	0.06	µg/L	EPA 608	0.06	0.2	WKL	
MO-VEN	2018/19-1	Wet	11/22/2018 10:45:00 AM	12/14/2018 5:11:00 AM	EPTC	n/a	<	0.034	µg/L	EPA 525.2	0.034	2	WKL	
MO-VEN	2018/19-1	Wet	11/22/2018 10:45:00 AM	12/12/2018 6:53:00 AM	Ethoprop	n/a	<	0.013	µg/L	EPA 525.2m	0.013	0.02	WKL	
MO-VEN	2018/19-1	Wet	11/22/2018 10:45:00 AM	12/12/2018 6:53:00 AM	Ethyl parathion	n/a	<	0.011	µg/L	EPA 525.2m	0.011	0.02	WKL	
MO-VEN	2018/19-1	Wet	11/22/2018 10:45:00 AM	12/12/2018 6:53:00 AM	Fensulfothion	n/a	<	0.0058	µg/L	EPA 525.2m	0.0058	0.02	WKL	
MO-VEN	2018/19-1	Wet	11/22/2018 10:45:00 AM	12/12/2018 6:53:00 AM	Fenthion	n/a	<	0.0076	µg/L	EPA 525.2m	0.0076	0.02	WKL	
MO-VEN	2018/19-1	Wet	11/22/2018 10:45:00 AM	12/20/2018 5:45:00 AM	gamma-BHC (Lindane)	n/a	<	0.042	µg/L	EPA 608	0.042	0.4	WKL	
MO-VEN	2018/19-1	Wet	11/22/2018 10:45:00 AM	12/20/2018 5:45:00 AM	gamma-Chlordane	n/a	<	0.088	µg/L	EPA 608	0.088	0.2	WKL	
MO-VEN	2018/19-1	Wet	11/22/2018 10:45:00 AM	11/29/2018 12:43:00 PM	Glyphosate	n/a	DNQ	28	µg/L	EPA 547	18	50	WKL	
MO-VEN	2018/19-1	Wet	11/22/2018 10:45:00 AM	12/20/2018 5:45:00 AM	Heptachlor	n/a	<	0.034	µg/L	EPA 608	0.034	0.2	WKL	
MO-VEN	2018/19-1	Wet	11/22/2018 10:45:00 AM	12/20/2018 5:45:00 AM	Heptachlor epoxide	n/a	<	0.038	µg/L	EPA 608	0.038	0.2	WKL	
MO-VEN	2018/19-1	Wet	11/22/2018 10:45:00 AM	12/12/2018 6:53:00 AM	Malathion	n/a	=	0.15	µg/L	EPA 525.2m	0.015	0.02	WKL	HB-MSR
MO-VEN	2018/19-1	Wet	11/22/2018 10:45:00 AM	12/12/2018 6:53:00 AM	Merphos	n/a	<	0.012	µg/L	EPA 525.2m	0.012	0.02	WKL	
MO-VEN	2018/19-1	Wet	11/22/2018 10:45:00 AM	12/20/2018 5:45:00 AM	Methoxychlor	n/a	<	0.11	µg/L	EPA 608	0.11	0.4	WKL	
MO-VEN	2018/19-1	Wet	11/22/2018 10:45:00 AM	12/12/2018 6:53:00 AM	Methyl parathion	n/a	<	0.013	µg/L	EPA 525.2m	0.013	0.02	WKL	
MO-VEN	2018/19-1	Wet	11/22/2018 10:45:00 AM	12/14/2018 5:11:00 AM	Metolachlor	n/a	<	0.024	µg/L	EPA 525.2	0.024	0.2	WKL	
MO-VEN	2018/19-1	Wet	11/22/2018 10:45:00 AM	12/14/2018 5:11:00 AM	Metribuzin	n/a	<	0.6	µg/L	EPA 525.2	0.6	0.6	WKL	
MO-VEN	2018/19-1	Wet	11/22/2018 10:45:00 AM	12/12/2018 6:53:00 AM	Mevinphos	n/a	<	0.0084	µg/L	EPA 525.2m	0.0084	0.02	WKL	
MO-VEN	2018/19-1	Wet	11/22/2018 10:45:00 AM	12/14/2018 5:11:00 AM	Molinate	n/a	<	0.078	µg/L	EPA 525.2	0.078	0.2	WKL	
MO-VEN	2018/19-1	Wet	11/22/2018 10:45:00 AM	12/12/2018 6:53:00 AM	Naled	n/a	<	0.015	µg/L	EPA 525.2m	0.015	0.02	WKL	
MO-VEN	2018/19-1	Wet	11/22/2018 10:45:00 AM	12/15/2018 3:59:00 AM	Pentachlorophenol	n/a	DNQ	0.095	µg/L	EPA 515.3	0.04	0.2	WKL	
MO-VEN	2018/19-1	Wet	11/22/2018 10:45:00 AM	12/28/2018 11:48:00 PM	Pentachlorophenol	n/a	DNQ	2.5	µg/L	EPA 625	0.95	5	WKL	
MO-VEN	2018/19-1	Wet	11/22/2018 10:45:00 AM	1/2/2019 8:28:00 PM	Pentachlorophenol	n/a	<	1.5	µg/L	EPA 8270C	1.5	10	WKL	
MO-VEN	2018/19-1	Wet	11/22/2018 10:45:00 AM	12/12/2018 6:53:00 AM	Phorate	n/a	<	0.006	µg/L	EPA 525.2m	0.006	0.02	WKL	
MO-VEN	2018/19-1	Wet	11/22/2018 10:45:00 AM	12/15/2018 3:59:00 AM	Picloram	n/a	<	0.05	µg/L	EPA 515.3	0.05	0.6	WKL	
MO-VEN	2018/19-1	Wet	11/22/2018 10:45:00 AM	12/14/2018 5:11:00 AM	Prometon	n/a	<	0.048	µg/L	EPA 525.2	0.048	0.4	WKL	
MO-VEN	2018/19-1	Wet	11/22/2018 10:45:00 AM	12/14/2018 5:11:00 AM	Prometryn	n/a	<	0.072	µg/L	EPA 525.2	0.072	0.2	WKL	
MO-VEN	2018/19-1	Wet	11/22/2018 10:45:00 AM	12/12/2018 6:53:00 AM	Ronnel (Fenchlorphos)	n/a	<	0.0082	µg/L	EPA 525.2m	0.0082	0.02	WKL	

Appendix G
Laboratory Environmental Analysis Results

Site ID	Event	Event Type	Sample Date	Analysis Date	Constituent	Fraction	Sign	Result	Units	Method	MDL	Reporting Limit	Analyzing Laboratory	Qualifier
MO-VEN	2018/19-1	Wet	11/22/2018 10:45:00 AM	12/14/2018 5:11:00 AM	Simazine	n/a	<	0.03	µg/L	EPA 525.2	0.03	0.2	WKL	
MO-VEN	2018/19-1	Wet	11/22/2018 10:45:00 AM	12/12/2018 6:53:00 AM	Stirophos (Tetrachlorvinphos)	n/a	<	0.0062	µg/L	EPA 525.2m	0.0062	0.02	WKL	
MO-VEN	2018/19-1	Wet	11/22/2018 10:45:00 AM	12/14/2018 5:11:00 AM	Terbacil	n/a	<	1.1	µg/L	EPA 525.2	1.1	4	WKL	
MO-VEN	2018/19-1	Wet	11/22/2018 10:45:00 AM	12/14/2018 5:11:00 AM	Thiobencarb	n/a	<	0.05	µg/L	EPA 525.2	0.05	0.4	WKL	
MO-VEN	2018/19-1	Wet	11/22/2018 10:45:00 AM	12/12/2018 6:53:00 AM	Tokuthion	n/a	<	0.016	µg/L	EPA 525.2m	0.016	0.02	WKL	
MO-VEN	2018/19-1	Wet	11/22/2018 10:45:00 AM	12/20/2018 5:45:00 AM	Toxaphene	n/a	<	2.4	µg/L	EPA 608	2.4	10	WKL	
MO-VEN	2018/19-1	Wet	11/22/2018 10:45:00 AM	12/12/2018 6:53:00 AM	Trichloronate	n/a	<	0.013	µg/L	EPA 525.2m	0.013	0.02	WKL	
MO-VEN	2018/19-1	Wet	11/22/2018 10:45:00 AM	12/14/2018 5:11:00 AM	Trithion	n/a	<	0.024	µg/L	EPA 525.2	0.024	0.2	WKL	
MO-VEN	2018/19-2	Wet	11/29/2018 1:00:00 AM	11/30/2018 4:05:00 AM	E. Coli	n/a	=	6867	MPN/100 mL	MMO-MUG	10	10	VCHCA	
MO-VEN	2018/19-2	Wet	11/29/2018 1:00:00 AM	11/30/2018 4:05:00 AM	Total Coliform	n/a	=	20460	MPN/100 mL	MMO-MUG	100	100	VCHCA	
MO-VEN	2018/19-2	Wet	11/29/2018 1:00:00 AM	11/29/2018 1:00:00 AM	Conductivity	n/a	=	2.6	µmhos/cm	Field Meter	-88	1	Field Crew	
MO-VEN	2018/19-2	Wet	11/29/2018 1:00:00 AM	12/11/2018 8:10:00 PM	Cyanide	Total	=	0.0039	mg/L	ASTM D7511	0.0005	0.002	WKL	
MO-VEN	2018/19-2	Wet	11/29/2018 1:00:00 AM	11/29/2018 1:00:00 AM	DO	n/a	=	61.7	%	Field Meter	-88	0.1	Field Crew	
MO-VEN	2018/19-2	Wet	11/29/2018 1:00:00 AM	11/29/2018 1:00:00 AM	DO	n/a	=	6	mg/L	Field Meter	-88	0.3	Field Crew	
MO-VEN	2018/19-2	Wet	11/29/2018 1:00:00 AM	11/29/2018 1:00:00 AM	pH	n/a	=	7.57	pH Units	Field Meter	-88	0.01	Field Crew	
MO-VEN	2018/19-2	Wet	11/29/2018 1:00:00 AM	11/29/2018 1:00:00 AM	Salinity	n/a	<	100	mg/L	Field Meter	-88	100	Field Crew	
MO-VEN	2018/19-2	Wet	11/29/2018 1:00:00 AM	11/29/2018 1:00:00 AM	Specific Conductance	n/a	=	3.1	µmhos/cm	Field Meter	-88	1	Field Crew	
MO-VEN	2018/19-2	Wet	11/29/2018 1:00:00 AM	11/29/2018 1:00:00 AM	Temperature	n/a	=	16.1	°C	Field Meter	-88	0.1	Field Crew	
MO-VEN	2018/19-2	Wet	11/29/2018 1:00:00 AM	12/1/2018 7:52:00 AM	Gasoline Range Organics	n/a	<	0.012	mg/L	LUFT GC/MS	0.012	0.1	WKL	
MO-VEN	2018/19-2	Wet	11/29/2018 1:00:00 AM	12/14/2018 4:48:00 PM	Oil and Grease	n/a	<	1.3	mg/L	EPA 1664A	1.3	5	WKL	
MO-VEN	2018/19-2	Wet	11/29/2018 1:00:00 AM	12/3/2018 6:12:00 PM	2-Chloroethyl vinyl ether	n/a	<	0.28	µg/L	EPA 624	0.28	1	WKL	
MO-VEN	2018/19-2	Wet	11/29/2018 1:00:00 AM	12/3/2018 6:12:00 PM	Methyl tert-butyl ether (MTBE)	n/a	<	0.25	µg/L	EPA 624	0.25	1	WKL	
MO-VEN	2018/19-2	Wet	11/30/2018 4:20:00 AM	12/4/2018	Chloride	n/a	=	9.3	mg/L	EPA 300.0	0.1	0.5	WKL	
MO-VEN	2018/19-2	Wet	11/30/2018 4:20:00 AM	12/4/2018	Fluoride	n/a	DNQ	0.075	mg/L	EPA 300.0	0.02	0.1	WKL	
MO-VEN	2018/19-2	Wet	11/30/2018 4:20:00 AM	12/2/2018 5:03:00 AM	Perchlorate	n/a	<	0.95	µg/L	EPA 314.0	0.95	2	WKL	
MO-VEN	2018/19-2	Wet	11/30/2018 4:20:00 AM	12/4/2018	Sulfate	Total	=	16	mg/L	EPA 300.0	0.1	0.5	WKL	
MO-VEN	2018/19-2	Wet	11/30/2018 4:20:00 AM	12/11/2018 1:04:00 PM	Calcium	Total	=	13.2	mg/L	EPA 200.7	0.016	0.1	WKL	
MO-VEN	2018/19-2	Wet	11/30/2018 4:20:00 AM	12/11/2018 1:04:00 PM	Magnesium	Total	=	4.56	mg/L	EPA 200.7	0.012	0.1	WKL	
MO-VEN	2018/19-2	Wet	11/30/2018 4:20:00 AM	12/11/2018 1:04:00 PM	Potassium	Total	=	4.4	mg/L	EPA 200.7	0.081	0.1	WKL	
MO-VEN	2018/19-2	Wet	11/30/2018 4:20:00 AM	12/11/2018 1:04:00 PM	Sodium	Total	=	7.6	mg/L	EPA 200.7	0.015	0.5	WKL	
MO-VEN	2018/19-2	Wet	11/30/2018 4:20:00 AM	12/6/2018 2:32:00 PM	Alkalinity as CaCO3	n/a	=	21	mg/L	SM 2320 B	0.56	2	WKL	
MO-VEN	2018/19-2	Wet	11/30/2018 4:20:00 AM	12/6/2018 2:21:00 PM	BOD	n/a	=	7.6	mg/L	SM 5210 B	2	2	WKL	
MO-VEN	2018/19-2	Wet	11/30/2018 4:20:00 AM	12/5/2018 4:19:00 PM	COD	n/a	=	110	mg/L	EPA 410.4	0.73	5	WKL	
MO-VEN	2018/19-2	Wet	11/30/2018 4:20:00 AM	12/20/2018 9:28:00 AM	Dissolved Inorganic Carbon	Dissolved	=	6.2	mg/L	SM 5310 B	0.016	0.5	WKL	
MO-VEN	2018/19-2	Wet	11/30/2018 4:20:00 AM	12/18/2018 1:32:00 PM	Dissolved Organic Carbon	Dissolved	=	8.3	mg/L	SM 5310 B	0.013	0.3	WKL	
MO-VEN	2018/19-2	Wet	11/30/2018 4:20:00 AM	12/11/2018 1:04:00 PM	Hardness as CaCO3	Total	=	51.7	mg/L	EPA 200.7	0.0894	0.662	WKL	
MO-VEN	2018/19-2	Wet	11/30/2018 4:20:00 AM	12/1/2018 7:40:00 PM	MBAS	n/a	=	0.1	mg/L	SM 5540 C	0.019	0.05	WKL	
MO-VEN	2018/19-2	Wet	11/30/2018 4:20:00 AM	12/14/2018 5:06:00 PM	Phenolics	n/a	=	0.012	mg/L	EPA 420.4	0.0042	0.01	WKL	
MO-VEN	2018/19-2	Wet	11/30/2018 4:20:00 AM	12/12/2018 5:17:00 PM	Specific Conductance	n/a	=	120	µmhos/cm	SM 2510 B	0.23	2	WKL	
MO-VEN	2018/19-2	Wet	11/30/2018 4:20:00 AM	12/1/2018 10:20:00 PM	Total Chlorine Residual	n/a	DNQ	0.039	mg/L	SM 4500-Cl G	0.0015	0.05	WKL	EST-HT
MO-VEN	2018/19-2	Wet	11/30/2018 4:20:00 AM	12/6/2018 5:33:00 PM	Total Dissolved Solids	n/a	=	56	mg/L	SM 2540 C	4	10	WKL	
MO-VEN	2018/19-2	Wet	11/30/2018 4:20:00 AM	12/10/2018 8:52:00 AM	Total Organic Carbon	n/a	=	9.9	mg/L	SM 5310 B	0.009	0.3	WKL	
MO-VEN	2018/19-2	Wet	11/30/2018 4:20:00 AM	12/3/2018 11:39:00 AM	Total Suspended Solids	n/a	=	330	mg/L	SM 2540 D	-88	5	WKL	
MO-VEN	2018/19-2	Wet	11/30/2018 4:20:00 AM	11/30/2018 5:37:00 PM	Turbidity	n/a	=	73	NTU	EPA 180.1	0.12	0.5	WKL	
MO-VEN	2018/19-2	Wet	11/30/2018 4:20:00 AM	12/3/2018 11:39:00 AM	Volatile Suspended Solids	n/a	=	65	mg/L	EPA 160.4	3.1	5	WKL	
MO-VEN	2018/19-2	Wet	11/30/2018 4:20:00 AM	12/19/2018 12:52:00 AM	Diesel Range Organics	n/a	DNQ	0.33	mg/L	EPA 8015D	0.12	0.5	WKL	UL-MB
MO-VEN	2018/19-2	Wet	11/30/2018 4:20:00 AM	12/19/2018 12:52:00 AM	Oil Range Organics	n/a	<	1.6	mg/L	EPA 8015D	1.6	2.5	WKL	
MO-VEN	2018/19-2	Wet	11/30/2018 4:20:00 AM	12/12/2018 1:09:00 PM	Aluminum	Dissolved	=	27	µg/L	EPA 200.8	1.3	5	WKL	

Appendix G
Laboratory Environmental Analysis Results

Site ID	Event	Event Type	Sample Date	Analysis Date	Constituent	Fraction	Sign	Result	Units	Method	MDL	Reporting Limit	Analyzing Laboratory	Qualifier
MO-VEN	2018/19-2	Wet	11/30/2018 4:20:00 AM	12/12/2018 1:13:00 PM	Aluminum	Total	=	5800	µg/L	EPA 200.8	1.3	5	WKL	
MO-VEN	2018/19-2	Wet	11/30/2018 4:20:00 AM	12/12/2018 1:09:00 PM	Antimony	Dissolved	=	0.7	µg/L	EPA 200.8	0.045	0.5	WKL	
MO-VEN	2018/19-2	Wet	11/30/2018 4:20:00 AM	12/12/2018 1:13:00 PM	Antimony	Total	=	1.8	µg/L	EPA 200.8	0.045	0.5	WKL	
MO-VEN	2018/19-2	Wet	11/30/2018 4:20:00 AM	12/12/2018 1:09:00 PM	Arsenic	Dissolved	=	0.95	µg/L	EPA 200.8	0.074	0.4	WKL	
MO-VEN	2018/19-2	Wet	11/30/2018 4:20:00 AM	12/12/2018 1:13:00 PM	Arsenic	Total	=	3.6	µg/L	EPA 200.8	0.074	0.4	WKL	
MO-VEN	2018/19-2	Wet	11/30/2018 4:20:00 AM	12/12/2018 1:13:00 PM	Barium	Total	=	100	µg/L	EPA 200.8	0.071	0.5	WKL	
MO-VEN	2018/19-2	Wet	11/30/2018 4:20:00 AM	12/12/2018 1:09:00 PM	Beryllium	Dissolved	<	0.033	µg/L	EPA 200.8	0.033	0.1	WKL	
MO-VEN	2018/19-2	Wet	11/30/2018 4:20:00 AM	12/12/2018 1:13:00 PM	Beryllium	Total	=	0.22	µg/L	EPA 200.8	0.033	0.1	WKL	
MO-VEN	2018/19-2	Wet	11/30/2018 4:20:00 AM	12/12/2018 1:09:00 PM	Cadmium	Dissolved	DNQ	0.047	µg/L	EPA 200.8	0.041	0.1	WKL	
MO-VEN	2018/19-2	Wet	11/30/2018 4:20:00 AM	12/12/2018 1:13:00 PM	Cadmium	Total	=	0.74	µg/L	EPA 200.8	0.041	0.1	WKL	
MO-VEN	2018/19-2	Wet	11/30/2018 4:20:00 AM	12/12/2018 1:09:00 PM	Chromium	Dissolved	=	1.1	µg/L	EPA 200.8	0.035	0.2	WKL	
MO-VEN	2018/19-2	Wet	11/30/2018 4:20:00 AM	12/12/2018 1:13:00 PM	Chromium	Total	=	12	µg/L	EPA 200.8	0.035	0.2	WKL	
MO-VEN	2018/19-2	Wet	11/30/2018 4:20:00 AM	12/13/2018 2:30:00 PM	Chromium VI	n/a	=	1.5	µg/L	EPA 218.6	0.048	0.2	WKL	
MO-VEN	2018/19-2	Wet	11/30/2018 4:20:00 AM	12/12/2018 1:09:00 PM	Copper	Dissolved	=	7.6	µg/L	EPA 200.8	0.13	0.5	WKL	
MO-VEN	2018/19-2	Wet	11/30/2018 4:20:00 AM	12/12/2018 1:13:00 PM	Copper	Total	=	54	µg/L	EPA 200.8	0.13	0.5	WKL	
MO-VEN	2018/19-2	Wet	11/30/2018 4:20:00 AM	12/11/2018 12:25:00 PM	Iron	Dissolved	=	54	µg/L	EPA 200.7	1.1	10	WKL	
MO-VEN	2018/19-2	Wet	11/30/2018 4:20:00 AM	12/11/2018 1:04:00 PM	Iron	Total	=	9300	µg/L	EPA 200.7	1.1	10	WKL	
MO-VEN	2018/19-2	Wet	11/30/2018 4:20:00 AM	12/12/2018 1:09:00 PM	Lead	Dissolved	=	0.51	µg/L	EPA 200.8	0.031	0.2	WKL	
MO-VEN	2018/19-2	Wet	11/30/2018 4:20:00 AM	12/12/2018 1:13:00 PM	Lead	Total	=	24	µg/L	EPA 200.8	0.031	0.2	WKL	
MO-VEN	2018/19-2	Wet	11/30/2018 4:20:00 AM	12/10/2018 2:19:00 PM	Mercury	Dissolved	<	17	ng/L	EPA 245.1	17	50	WKL	
MO-VEN	2018/19-2	Wet	11/30/2018 4:20:00 AM	12/10/2018 2:20:00 PM	Mercury	Total	DNQ	42	ng/L	EPA 245.1	17	50	WKL	
MO-VEN	2018/19-2	Wet	11/30/2018 4:20:00 AM	12/12/2018 1:09:00 PM	Nickel	Dissolved	=	1.9	µg/L	EPA 200.8	0.045	0.8	WKL	
MO-VEN	2018/19-2	Wet	11/30/2018 4:20:00 AM	12/12/2018 1:13:00 PM	Nickel	Total	=	14	µg/L	EPA 200.8	0.045	0.8	WKL	
MO-VEN	2018/19-2	Wet	11/30/2018 4:20:00 AM	12/12/2018 1:09:00 PM	Selenium	Dissolved	DNQ	0.25	µg/L	EPA 200.8	0.14	0.4	WKL	
MO-VEN	2018/19-2	Wet	11/30/2018 4:20:00 AM	12/12/2018 1:13:00 PM	Selenium	Total	=	0.56	µg/L	EPA 200.8	0.14	0.4	WKL	
MO-VEN	2018/19-2	Wet	11/30/2018 4:20:00 AM	12/12/2018 1:09:00 PM	Silver	Dissolved	<	0.062	µg/L	EPA 200.8	0.062	0.2	WKL	
MO-VEN	2018/19-2	Wet	11/30/2018 4:20:00 AM	12/12/2018 1:13:00 PM	Silver	Total	DNQ	0.1	µg/L	EPA 200.8	0.062	0.2	WKL	
MO-VEN	2018/19-2	Wet	11/30/2018 4:20:00 AM	12/12/2018 1:09:00 PM	Thallium	Dissolved	<	0.014	µg/L	EPA 200.8	0.014	0.2	WKL	
MO-VEN	2018/19-2	Wet	11/30/2018 4:20:00 AM	12/12/2018 1:13:00 PM	Thallium	Total	DNQ	0.088	µg/L	EPA 200.8	0.014	0.2	WKL	
MO-VEN	2018/19-2	Wet	11/30/2018 4:20:00 AM	12/12/2018 1:09:00 PM	Zinc	Dissolved	=	44	µg/L	EPA 200.8	0.94	5	WKL	
MO-VEN	2018/19-2	Wet	11/30/2018 4:20:00 AM	12/12/2018 1:13:00 PM	Zinc	Total	=	320	µg/L	EPA 200.8	0.94	5	WKL	
MO-VEN	2018/19-2	Wet	11/30/2018 4:20:00 AM	12/11/2018 3:32:00 PM	Ammonia as N	n/a	=	0.3	mg/L	EPA 350.1	0.048	0.1	WKL	
MO-VEN	2018/19-2	Wet	11/30/2018 4:20:00 AM	12/21/2018 11:22:00 AM	Nitrate + Nitrite as N	n/a	=	0.32	mg/L	EPA 353.2	0.083	0.2	WKL	
MO-VEN	2018/19-2	Wet	11/30/2018 4:20:00 AM	1/17/2019 4:55:00 PM	Phosphorus as P	Dissolved	=	0.24	mg/L	EPA 200.7	0.012	0.02	WKL	
MO-VEN	2018/19-2	Wet	11/30/2018 4:20:00 AM	1/17/2019 4:58:00 PM	Phosphorus as P	Total	=	0.81	mg/L	EPA 200.7	0.012	0.02	WKL	
MO-VEN	2018/19-2	Wet	11/30/2018 4:20:00 AM	12/21/2018 10:50:00 AM	TKN	n/a	=	0.75	mg/L	EPA 351.2	0.05	0.1	WKL	
MO-VEN	2018/19-2	Wet	11/30/2018 4:20:00 AM	1/7/2019 2:47:00 AM	1,2,4-Trichlorobenzene	n/a	<	5.5	µg/L	EPA 625	5.5	10	WKL	
MO-VEN	2018/19-2	Wet	11/30/2018 4:20:00 AM	1/7/2019 2:47:00 AM	1,2-Dichlorobenzene	n/a	<	5.7	µg/L	EPA 625	5.7	10	WKL	
MO-VEN	2018/19-2	Wet	11/30/2018 4:20:00 AM	1/7/2019 2:47:00 AM	1,2-Diphenylhydrazine	n/a	<	2.5	µg/L	EPA 625	2.5	10	WKL	
MO-VEN	2018/19-2	Wet	11/30/2018 4:20:00 AM	1/7/2019 2:47:00 AM	1,3-Dichlorobenzene	n/a	<	5.3	µg/L	EPA 625	5.3	10	WKL	
MO-VEN	2018/19-2	Wet	11/30/2018 4:20:00 AM	1/7/2019 2:47:00 AM	1,4-Dichlorobenzene	n/a	<	5.5	µg/L	EPA 625	5.5	10	WKL	
MO-VEN	2018/19-2	Wet	11/30/2018 4:20:00 AM	1/11/2019 10:44:00 PM	1-Methylnaphthalene	n/a	<	1	µg/L	EPA 8270C	1	1	WKL	
MO-VEN	2018/19-2	Wet	11/30/2018 4:20:00 AM	1/11/2019 3:27:00 AM	2,4,5-Trichlorophenol	n/a	<	2.9	µg/L	EPA 8270C	2.9	10	WKL	
MO-VEN	2018/19-2	Wet	11/30/2018 4:20:00 AM	1/11/2019 3:27:00 AM	2,4,6-Trichlorophenol	n/a	<	3	µg/L	EPA 8270C	3	10	WKL	
MO-VEN	2018/19-2	Wet	11/30/2018 4:20:00 AM	1/7/2019 2:47:00 AM	2,4,6-Trichlorophenol	n/a	<	2.2	µg/L	EPA 625	2.2	10	WKL	
MO-VEN	2018/19-2	Wet	11/30/2018 4:20:00 AM	1/11/2019 3:27:00 AM	2,4-Dichlorophenol	n/a	<	5.1	µg/L	EPA 8270C	5.1	10	WKL	
MO-VEN	2018/19-2	Wet	11/30/2018 4:20:00 AM	1/7/2019 2:47:00 AM	2,4-Dichlorophenol	n/a	<	2.6	µg/L	EPA 625	2.6	10	WKL	
MO-VEN	2018/19-2	Wet	11/30/2018 4:20:00 AM	1/11/2019 3:27:00 AM	2,4-Dimethylphenol	n/a	<	10	µg/L	EPA 8270C	10	20	WKL	

Appendix G
Laboratory Environmental Analysis Results

Site ID	Event	Event Type	Sample Date	Analysis Date	Constituent	Fraction	Sign	Result	Units	Method	MDL	Reporting Limit	Analyzing Laboratory	Qualifier
MO-VEN	2018/19-2	Wet	11/30/2018 4:20:00 AM	1/7/2019 2:47:00 AM	2,4-Dimethylphenol	n/a	<	3	µg/L	EPA 625	3	10	WKL	
MO-VEN	2018/19-2	Wet	11/30/2018 4:20:00 AM	1/7/2019 2:47:00 AM	2,4-Dinitrophenol	n/a	<	16	µg/L	EPA 625	16	100	WKL	
MO-VEN	2018/19-2	Wet	11/30/2018 4:20:00 AM	1/11/2019 3:27:00 AM	2,4-Dinitrophenol	n/a	<	10	µg/L	EPA 8270C	10	20	WKL	
MO-VEN	2018/19-2	Wet	11/30/2018 4:20:00 AM	1/7/2019 2:47:00 AM	2,4-Dinitrotoluene	n/a	<	1.8	µg/L	EPA 625	1.8	10	WKL	
MO-VEN	2018/19-2	Wet	11/30/2018 4:20:00 AM	1/7/2019 2:47:00 AM	2,6-Dinitrotoluene	n/a	<	2.7	µg/L	EPA 625	2.7	10	WKL	
MO-VEN	2018/19-2	Wet	11/30/2018 4:20:00 AM	1/7/2019 2:47:00 AM	2-Chloronaphthalene	n/a	<	4.5	µg/L	EPA 625	4.5	10	WKL	
MO-VEN	2018/19-2	Wet	11/30/2018 4:20:00 AM	1/11/2019 3:27:00 AM	2-Chlorophenol	n/a	<	6.5	µg/L	EPA 8270C	6.5	10	WKL	
MO-VEN	2018/19-2	Wet	11/30/2018 4:20:00 AM	1/7/2019 2:47:00 AM	2-Chlorophenol	n/a	<	2.8	µg/L	EPA 625	2.8	10	WKL	
MO-VEN	2018/19-2	Wet	11/30/2018 4:20:00 AM	1/11/2019 10:44:00 PM	2-Methylnaphthalene	n/a	<	1	µg/L	EPA 8270C	1	1	WKL	
MO-VEN	2018/19-2	Wet	11/30/2018 4:20:00 AM	1/11/2019 3:27:00 AM	2-Methylphenol	n/a	<	3.4	µg/L	EPA 8270C	3.4	10	WKL	
MO-VEN	2018/19-2	Wet	11/30/2018 4:20:00 AM	1/11/2019 3:27:00 AM	2-Nitrophenol	n/a	<	7.1	µg/L	EPA 8270C	7.1	10	WKL	
MO-VEN	2018/19-2	Wet	11/30/2018 4:20:00 AM	1/7/2019 2:47:00 AM	2-Nitrophenol	n/a	<	2.6	µg/L	EPA 625	2.6	10	WKL	
MO-VEN	2018/19-2	Wet	11/30/2018 4:20:00 AM	1/7/2019 2:47:00 AM	3,3'-Dichlorobenzidine	n/a	<	12	µg/L	EPA 625	12	50	WKL	
MO-VEN	2018/19-2	Wet	11/30/2018 4:20:00 AM	1/11/2019 3:27:00 AM	3-/4-Methylphenol	n/a	<	3	µg/L	EPA 8270C	3	10	WKL	
MO-VEN	2018/19-2	Wet	11/30/2018 4:20:00 AM	1/11/2019 3:27:00 AM	4,6-Dinitro-2-methylphenol	n/a	<	1.4	µg/L	EPA 8270C	1.4	10	WKL	
MO-VEN	2018/19-2	Wet	11/30/2018 4:20:00 AM	1/7/2019 2:47:00 AM	4,6-Dinitro-2-methylphenol	n/a	<	17	µg/L	EPA 625	17	50	WKL	
MO-VEN	2018/19-2	Wet	11/30/2018 4:20:00 AM	1/7/2019 2:47:00 AM	4-Bromophenyl phenyl ether	n/a	<	3.6	µg/L	EPA 625	3.6	10	WKL	
MO-VEN	2018/19-2	Wet	11/30/2018 4:20:00 AM	1/11/2019 3:27:00 AM	4-Chloro-3-methylphenol	n/a	<	3.7	µg/L	EPA 8270C	3.7	10	WKL	
MO-VEN	2018/19-2	Wet	11/30/2018 4:20:00 AM	1/7/2019 2:47:00 AM	4-Chloro-3-methylphenol	n/a	<	2.3	µg/L	EPA 625	2.3	10	WKL	
MO-VEN	2018/19-2	Wet	11/30/2018 4:20:00 AM	1/7/2019 2:47:00 AM	4-Chlorophenyl phenyl ether	n/a	<	4.1	µg/L	EPA 625	4.1	10	WKL	
MO-VEN	2018/19-2	Wet	11/30/2018 4:20:00 AM	1/11/2019 3:27:00 AM	4-Nitrophenol	n/a	<	10	µg/L	EPA 8270C	10	20	WKL	
MO-VEN	2018/19-2	Wet	11/30/2018 4:20:00 AM	1/7/2019 2:47:00 AM	4-Nitrophenol	n/a	<	4.5	µg/L	EPA 625	4.5	50	WKL	
MO-VEN	2018/19-2	Wet	11/30/2018 4:20:00 AM	1/7/2019 2:47:00 AM	Acenaphthene	n/a	<	3.8	µg/L	EPA 625	3.8	10	WKL	
MO-VEN	2018/19-2	Wet	11/30/2018 4:20:00 AM	1/11/2019 10:44:00 PM	Acenaphthene	n/a	<	1	µg/L	EPA 8270C	1	1	WKL	
MO-VEN	2018/19-2	Wet	11/30/2018 4:20:00 AM	1/11/2019 10:44:00 PM	Acenaphthylene	n/a	<	1	µg/L	EPA 8270C	1	1	WKL	
MO-VEN	2018/19-2	Wet	11/30/2018 4:20:00 AM	1/7/2019 2:47:00 AM	Acenaphthylene	n/a	<	4	µg/L	EPA 625	4	10	WKL	
MO-VEN	2018/19-2	Wet	11/30/2018 4:20:00 AM	1/11/2019 10:44:00 PM	Anthracene	n/a	<	1	µg/L	EPA 8270C	1	1	WKL	
MO-VEN	2018/19-2	Wet	11/30/2018 4:20:00 AM	1/7/2019 2:47:00 AM	Anthracene	n/a	<	3.4	µg/L	EPA 625	3.4	10	WKL	
MO-VEN	2018/19-2	Wet	11/30/2018 4:20:00 AM	1/11/2019 10:44:00 PM	Benz(a)anthracene	n/a	<	1	µg/L	EPA 8270C	1	1	WKL	
MO-VEN	2018/19-2	Wet	11/30/2018 4:20:00 AM	1/7/2019 2:47:00 AM	Benz(a)anthracene	n/a	<	1.9	µg/L	EPA 625	1.9	10	WKL	
MO-VEN	2018/19-2	Wet	11/30/2018 4:20:00 AM	1/7/2019 2:47:00 AM	Benzidine	n/a	<	37	µg/L	EPA 625	37	100	WKL	
MO-VEN	2018/19-2	Wet	11/30/2018 4:20:00 AM	1/11/2019 10:44:00 PM	Benzo(a)pyrene	n/a	<	1	µg/L	EPA 8270C	1	1	WKL	
MO-VEN	2018/19-2	Wet	11/30/2018 4:20:00 AM	12/19/2018 5:05:00 AM	Benzo(a)pyrene	n/a	<	0.07	µg/L	EPA 525.2	0.07	0.1	WKL	
MO-VEN	2018/19-2	Wet	11/30/2018 4:20:00 AM	1/7/2019 2:47:00 AM	Benzo(a)pyrene	n/a	<	1.3	µg/L	EPA 625	1.3	10	WKL	
MO-VEN	2018/19-2	Wet	11/30/2018 4:20:00 AM	1/7/2019 2:47:00 AM	Benzo(b)fluoranthene	n/a	<	1.4	µg/L	EPA 625	1.4	10	WKL	
MO-VEN	2018/19-2	Wet	11/30/2018 4:20:00 AM	1/11/2019 10:44:00 PM	Benzo(b)fluoranthene	n/a	<	1	µg/L	EPA 8270C	1	1	WKL	
MO-VEN	2018/19-2	Wet	11/30/2018 4:20:00 AM	1/7/2019 2:47:00 AM	Benzo(g,h,i)perylene	n/a	<	1	µg/L	EPA 625	1	20	WKL	
MO-VEN	2018/19-2	Wet	11/30/2018 4:20:00 AM	1/11/2019 10:44:00 PM	Benzo(g,h,i)perylene	n/a	<	1	µg/L	EPA 8270C	1	1	WKL	
MO-VEN	2018/19-2	Wet	11/30/2018 4:20:00 AM	1/7/2019 2:47:00 AM	Benzo(k)fluoranthene	n/a	<	2.2	µg/L	EPA 625	2.2	10	WKL	
MO-VEN	2018/19-2	Wet	11/30/2018 4:20:00 AM	1/11/2019 10:44:00 PM	Benzo(k)fluoranthene	n/a	<	1	µg/L	EPA 8270C	1	1	WKL	
MO-VEN	2018/19-2	Wet	11/30/2018 4:20:00 AM	1/7/2019 2:47:00 AM	Bis(2-chloroethoxy)methane	n/a	<	2.5	µg/L	EPA 625	2.5	10	WKL	
MO-VEN	2018/19-2	Wet	11/30/2018 4:20:00 AM	1/7/2019 2:47:00 AM	Bis(2-chloroethyl)ether	n/a	<	2.7	µg/L	EPA 625	2.7	10	WKL	
MO-VEN	2018/19-2	Wet	11/30/2018 4:20:00 AM	1/7/2019 2:47:00 AM	Bis(2-chloroisopropyl)ether	n/a	<	3.8	µg/L	EPA 625	3.8	10	WKL	
MO-VEN	2018/19-2	Wet	11/30/2018 4:20:00 AM	12/19/2018 5:05:00 AM	Bis(2-ethylhexyl)adipate	n/a	<	0.1	µg/L	EPA 525.2	0.1	5	WKL	
MO-VEN	2018/19-2	Wet	11/30/2018 4:20:00 AM	12/19/2018 5:05:00 AM	Bis(2-ethylhexyl)phthalate	n/a	DNQ	2.4	µg/L	EPA 525.2	1.1	3	WKL	
MO-VEN	2018/19-2	Wet	11/30/2018 4:20:00 AM	1/7/2019 2:47:00 AM	Bis(2-ethylhexyl)phthalate	n/a	<	23	µg/L	EPA 625	23	50	WKL	
MO-VEN	2018/19-2	Wet	11/30/2018 4:20:00 AM	1/7/2019 2:47:00 AM	Butyl benzyl phthalate	n/a	<	1.8	µg/L	EPA 625	1.8	10	WKL	
MO-VEN	2018/19-2	Wet	11/30/2018 4:20:00 AM	1/7/2019 2:47:00 AM	Chrysene	n/a	<	1.9	µg/L	EPA 625	1.9	10	WKL	

Appendix G
Laboratory Environmental Analysis Results

Site ID	Event	Event Type	Sample Date	Analysis Date	Constituent	Fraction	Sign	Result	Units	Method	MDL	Reporting Limit	Analyzing Laboratory	Qualifier
MO-VEN	2018/19-2	Wet	11/30/2018 4:20:00 AM	1/11/2019 10:44:00 PM	Chrysene	n/a	<	1	µg/L	EPA 8270C	1	1	WKL	
MO-VEN	2018/19-2	Wet	11/30/2018 4:20:00 AM	1/7/2019 2:47:00 AM	Dibenz(a,h)anthracene	n/a	<	0.8	µg/L	EPA 625	0.8	20	WKL	
MO-VEN	2018/19-2	Wet	11/30/2018 4:20:00 AM	1/11/2019 10:44:00 PM	Dibenz(a,h)anthracene	n/a	<	1	µg/L	EPA 8270C	1	1	WKL	
MO-VEN	2018/19-2	Wet	11/30/2018 4:20:00 AM	1/7/2019 2:47:00 AM	Diethyl phthalate	n/a	<	1.5	µg/L	EPA 625	1.5	10	WKL	
MO-VEN	2018/19-2	Wet	11/30/2018 4:20:00 AM	1/7/2019 2:47:00 AM	Dimethyl phthalate	n/a	<	1.8	µg/L	EPA 625	1.8	10	WKL	
MO-VEN	2018/19-2	Wet	11/30/2018 4:20:00 AM	1/7/2019 2:47:00 AM	Di-n-butylphthalate	n/a	<	2.4	µg/L	EPA 625	2.4	10	WKL	
MO-VEN	2018/19-2	Wet	11/30/2018 4:20:00 AM	1/7/2019 2:47:00 AM	Di-n-octylphthalate	n/a	<	1.9	µg/L	EPA 625	1.9	10	WKL	
MO-VEN	2018/19-2	Wet	11/30/2018 4:20:00 AM	1/11/2019 10:44:00 PM	Fluoranthene	n/a	<	1	µg/L	EPA 8270C	1	1	WKL	
MO-VEN	2018/19-2	Wet	11/30/2018 4:20:00 AM	1/7/2019 2:47:00 AM	Fluoranthene	n/a	<	2.2	µg/L	EPA 625	2.2	10	WKL	
MO-VEN	2018/19-2	Wet	11/30/2018 4:20:00 AM	1/7/2019 2:47:00 AM	Fluorene	n/a	<	3.5	µg/L	EPA 625	3.5	10	WKL	
MO-VEN	2018/19-2	Wet	11/30/2018 4:20:00 AM	1/11/2019 10:44:00 PM	Fluorene	n/a	<	1	µg/L	EPA 8270C	1	1	WKL	
MO-VEN	2018/19-2	Wet	11/30/2018 4:20:00 AM	1/7/2019 2:47:00 AM	Hexachlorobenzene	n/a	<	4.9	µg/L	EPA 625	4.9	10	WKL	
MO-VEN	2018/19-2	Wet	11/30/2018 4:20:00 AM	1/7/2019 2:47:00 AM	Hexachlorobutadiene	n/a	<	4.7	µg/L	EPA 625	4.7	10	WKL	
MO-VEN	2018/19-2	Wet	11/30/2018 4:20:00 AM	1/7/2019 2:47:00 AM	Hexachlorocyclopentadiene	n/a	<	15	µg/L	EPA 625	15	50	WKL	
MO-VEN	2018/19-2	Wet	11/30/2018 4:20:00 AM	1/7/2019 2:47:00 AM	Hexachloroethane	n/a	<	5.2	µg/L	EPA 625	5.2	10	WKL	
MO-VEN	2018/19-2	Wet	11/30/2018 4:20:00 AM	1/7/2019 2:47:00 AM	Indeno(1,2,3-cd)pyrene	n/a	<	1.2	µg/L	EPA 625	1.2	20	WKL	
MO-VEN	2018/19-2	Wet	11/30/2018 4:20:00 AM	1/11/2019 10:44:00 PM	Indeno(1,2,3-cd)pyrene	n/a	<	1	µg/L	EPA 8270C	1	1	WKL	
MO-VEN	2018/19-2	Wet	11/30/2018 4:20:00 AM	1/7/2019 2:47:00 AM	Isophorone	n/a	<	2.1	µg/L	EPA 625	2.1	10	WKL	
MO-VEN	2018/19-2	Wet	11/30/2018 4:20:00 AM	1/7/2019 2:47:00 AM	Naphthalene	n/a	<	4.9	µg/L	EPA 625	4.9	10	WKL	
MO-VEN	2018/19-2	Wet	11/30/2018 4:20:00 AM	1/11/2019 10:44:00 PM	Naphthalene	n/a	<	1	µg/L	EPA 8270C	1	1	WKL	
MO-VEN	2018/19-2	Wet	11/30/2018 4:20:00 AM	1/7/2019 2:47:00 AM	Nitrobenzene	n/a	<	3.6	µg/L	EPA 625	3.6	10	WKL	
MO-VEN	2018/19-2	Wet	11/30/2018 4:20:00 AM	1/7/2019 2:47:00 AM	N-Nitrosodimethylamine	n/a	<	1.4	µg/L	EPA 625	1.4	10	WKL	
MO-VEN	2018/19-2	Wet	11/30/2018 4:20:00 AM	1/7/2019 2:47:00 AM	N-Nitrosodi-N-propylamine	n/a	<	2.6	µg/L	EPA 625	2.6	10	WKL	
MO-VEN	2018/19-2	Wet	11/30/2018 4:20:00 AM	1/7/2019 2:47:00 AM	N-Nitrosodiphenylamine	n/a	<	1.9	µg/L	EPA 625	1.9	10	WKL	
MO-VEN	2018/19-2	Wet	11/30/2018 4:20:00 AM	1/11/2019 10:44:00 PM	Phenanthrene	n/a	<	1	µg/L	EPA 8270C	1	1	WKL	
MO-VEN	2018/19-2	Wet	11/30/2018 4:20:00 AM	1/7/2019 2:47:00 AM	Phenanthrene	n/a	<	3.2	µg/L	EPA 625	3.2	10	WKL	
MO-VEN	2018/19-2	Wet	11/30/2018 4:20:00 AM	1/7/2019 2:47:00 AM	Phenol	n/a	<	1.6	µg/L	EPA 625	1.6	10	WKL	
MO-VEN	2018/19-2	Wet	11/30/2018 4:20:00 AM	1/11/2019 3:27:00 AM	Phenol	n/a	<	3.5	µg/L	EPA 8270C	3.5	10	WKL	
MO-VEN	2018/19-2	Wet	11/30/2018 4:20:00 AM	1/7/2019 2:47:00 AM	Pyrene	n/a	<	2.5	µg/L	EPA 625	2.5	10	WKL	
MO-VEN	2018/19-2	Wet	11/30/2018 4:20:00 AM	1/11/2019 10:44:00 PM	Pyrene	n/a	<	1	µg/L	EPA 8270C	1	1	WKL	
MO-VEN	2018/19-2	Wet	11/30/2018 4:20:00 AM	1/12/2019 11:59:00 AM	PCB Aroclor 1016	n/a	<	1	µg/L	EPA 608	1	10	WKL	
MO-VEN	2018/19-2	Wet	11/30/2018 4:20:00 AM	1/12/2019 11:59:00 AM	PCB Aroclor 1221	n/a	<	1.2	µg/L	EPA 608	1.2	10	WKL	
MO-VEN	2018/19-2	Wet	11/30/2018 4:20:00 AM	1/12/2019 11:59:00 AM	PCB Aroclor 1232	n/a	<	3	µg/L	EPA 608	3	10	WKL	
MO-VEN	2018/19-2	Wet	11/30/2018 4:20:00 AM	1/12/2019 11:59:00 AM	PCB Aroclor 1242	n/a	<	1.4	µg/L	EPA 608	1.4	10	WKL	
MO-VEN	2018/19-2	Wet	11/30/2018 4:20:00 AM	1/12/2019 11:59:00 AM	PCB Aroclor 1248	n/a	<	1.2	µg/L	EPA 608	1.2	10	WKL	
MO-VEN	2018/19-2	Wet	11/30/2018 4:20:00 AM	1/12/2019 11:59:00 AM	PCB Aroclor 1254	n/a	<	0.8	µg/L	EPA 608	0.8	10	WKL	
MO-VEN	2018/19-2	Wet	11/30/2018 4:20:00 AM	1/12/2019 11:59:00 AM	PCB Aroclor 1260	n/a	<	0.8	µg/L	EPA 608	0.8	10	WKL	
MO-VEN	2018/19-2	Wet	11/30/2018 4:20:00 AM	12/27/2018 8:10:00 PM	2,4,5-T	n/a	<	0.07	µg/L	EPA 515.3	0.07	0.2	WKL	
MO-VEN	2018/19-2	Wet	11/30/2018 4:20:00 AM	12/27/2018 8:10:00 PM	2,4,5-TP	n/a	<	0.09	µg/L	EPA 515.3	0.09	0.2	WKL	
MO-VEN	2018/19-2	Wet	11/30/2018 4:20:00 AM	12/27/2018 8:10:00 PM	2,4-D	n/a	<	0.07	µg/L	EPA 515.3	0.07	0.4	WKL	
MO-VEN	2018/19-2	Wet	11/30/2018 4:20:00 AM	12/27/2018 8:10:00 PM	2,4-DB	n/a	<	0.07	µg/L	EPA 515.3	0.07	2	WKL	
MO-VEN	2018/19-2	Wet	11/30/2018 4:20:00 AM	12/27/2018 8:10:00 PM	3,5-Dichlorobenzoic acid	n/a	<	0.09	µg/L	EPA 515.3	0.09	1	WKL	
MO-VEN	2018/19-2	Wet	11/30/2018 4:20:00 AM	1/12/2019 11:59:00 AM	4,4'-DDD	n/a	<	0.06	µg/L	EPA 608	0.06	1	WKL	
MO-VEN	2018/19-2	Wet	11/30/2018 4:20:00 AM	1/12/2019 11:59:00 AM	4,4'-DDE	n/a	<	0.05	µg/L	EPA 608	0.05	1	WKL	
MO-VEN	2018/19-2	Wet	11/30/2018 4:20:00 AM	1/12/2019 11:59:00 AM	4,4'-DDT	n/a	<	0.062	µg/L	EPA 608	0.062	0.2	WKL	
MO-VEN	2018/19-2	Wet	11/30/2018 4:20:00 AM	12/27/2018 8:10:00 PM	Acifluorfen	n/a	<	0.06	µg/L	EPA 515.3	0.06	0.4	WKL	
MO-VEN	2018/19-2	Wet	11/30/2018 4:20:00 AM	12/19/2018 5:05:00 AM	Alachlor	n/a	<	0.022	µg/L	EPA 525.2	0.022	0.1	WKL	
MO-VEN	2018/19-2	Wet	11/30/2018 4:20:00 AM	1/12/2019 11:59:00 AM	Aldrin	n/a	<	0.03	µg/L	EPA 608	0.03	0.1	WKL	

Appendix G
Laboratory Environmental Analysis Results

Site ID	Event	Event Type	Sample Date	Analysis Date	Constituent	Fraction	Sign	Result	Units	Method	MDL	Reporting Limit	Analyzing Laboratory	Qualifier
MO-VEN	2018/19-2	Wet	11/30/2018 4:20:00 AM	1/12/2019 11:59:00 AM	alpha-BHC	n/a	<	0.036	µg/L	EPA 608	0.036	0.2	WKL	
MO-VEN	2018/19-2	Wet	11/30/2018 4:20:00 AM	1/12/2019 11:59:00 AM	alpha-Chlordane	n/a	<	0.082	µg/L	EPA 608	0.082	0.2	WKL	
MO-VEN	2018/19-2	Wet	11/30/2018 4:20:00 AM	12/19/2018 5:05:00 AM	Atrazine	n/a	<	0.034	µg/L	EPA 525.2	0.034	0.1	WKL	
MO-VEN	2018/19-2	Wet	11/30/2018 4:20:00 AM	12/20/2018 3:25:00 AM	Azinphos methyl	n/a	<	0.011	µg/L	EPA 525.2m	0.011	0.02	WKL	
MO-VEN	2018/19-2	Wet	11/30/2018 4:20:00 AM	12/27/2018 8:10:00 PM	Bentazon	n/a	<	0.11	µg/L	EPA 515.3	0.11	2	WKL	
MO-VEN	2018/19-2	Wet	11/30/2018 4:20:00 AM	1/12/2019 11:59:00 AM	beta-BHC	n/a	<	0.062	µg/L	EPA 608	0.062	0.1	WKL	
MO-VEN	2018/19-2	Wet	11/30/2018 4:20:00 AM	12/20/2018 3:25:00 AM	Bolstar	n/a	<	0.0092	µg/L	EPA 525.2m	0.0092	0.02	WKL	
MO-VEN	2018/19-2	Wet	11/30/2018 4:20:00 AM	12/19/2018 5:05:00 AM	Bromacil	n/a	<	0.038	µg/L	EPA 525.2	0.038	1	WKL	
MO-VEN	2018/19-2	Wet	11/30/2018 4:20:00 AM	12/19/2018 5:05:00 AM	Butachlor	n/a	<	0.017	µg/L	EPA 525.2	0.017	0.2	WKL	
MO-VEN	2018/19-2	Wet	11/30/2018 4:20:00 AM	12/19/2018 5:05:00 AM	Captan	n/a	<	0.86	µg/L	EPA 525.2	0.86	1	WKL	LB-LCSR
MO-VEN	2018/19-2	Wet	11/30/2018 4:20:00 AM	1/12/2019 11:59:00 AM	Chlordane (technical)	n/a	<	1.6	µg/L	EPA 608	1.6	2	WKL	
MO-VEN	2018/19-2	Wet	11/30/2018 4:20:00 AM	12/19/2018 5:05:00 AM	Chlorpropham	n/a	<	0.01	µg/L	EPA 525.2	0.01	0.1	WKL	
MO-VEN	2018/19-2	Wet	11/30/2018 4:20:00 AM	12/20/2018 3:25:00 AM	Chlorpyrifos	n/a	<	0.014	µg/L	EPA 525.2m	0.014	0.02	WKL	
MO-VEN	2018/19-2	Wet	11/30/2018 4:20:00 AM	12/20/2018 3:25:00 AM	Coumaphos	n/a	<	0.01	µg/L	EPA 525.2m	0.01	0.02	WKL	
MO-VEN	2018/19-2	Wet	11/30/2018 4:20:00 AM	12/19/2018 5:05:00 AM	Cyanazine	n/a	<	0.024	µg/L	EPA 525.2	0.024	0.1	WKL	
MO-VEN	2018/19-2	Wet	11/30/2018 4:20:00 AM	12/27/2018 8:10:00 PM	Dalapon	n/a	<	0.1	µg/L	EPA 515.3	0.1	0.4	WKL	
MO-VEN	2018/19-2	Wet	11/30/2018 4:20:00 AM	12/27/2018 8:10:00 PM	DCPA (Dacthal)	n/a	<	0.07	µg/L	EPA 515.3	0.07	0.1	WKL	
MO-VEN	2018/19-2	Wet	11/30/2018 4:20:00 AM	1/12/2019 11:59:00 AM	delta-BHC	n/a	<	0.05	µg/L	EPA 608	0.05	0.1	WKL	
MO-VEN	2018/19-2	Wet	11/30/2018 4:20:00 AM	12/20/2018 3:25:00 AM	Demeton-O	n/a	<	0.02	µg/L	EPA 525.2m	0.02	0.02	WKL	
MO-VEN	2018/19-2	Wet	11/30/2018 4:20:00 AM	12/20/2018 3:25:00 AM	Demeton-S	n/a	<	0.02	µg/L	EPA 525.2m	0.02	0.02	WKL	
MO-VEN	2018/19-2	Wet	11/30/2018 4:20:00 AM	12/19/2018 5:05:00 AM	Diazinon	n/a	<	0.096	µg/L	EPA 525.2	0.096	0.1	WKL	
MO-VEN	2018/19-2	Wet	11/30/2018 4:20:00 AM	12/20/2018 3:25:00 AM	Diazinon	n/a	<	0.01	µg/L	EPA 525.2m	0.01	0.02	WKL	
MO-VEN	2018/19-2	Wet	11/30/2018 4:20:00 AM	12/27/2018 8:10:00 PM	Dicamba	n/a	<	0.12	µg/L	EPA 515.3	0.12	0.6	WKL	
MO-VEN	2018/19-2	Wet	11/30/2018 4:20:00 AM	12/27/2018 8:10:00 PM	Dichlorprop	n/a	<	0.08	µg/L	EPA 515.3	0.08	0.3	WKL	
MO-VEN	2018/19-2	Wet	11/30/2018 4:20:00 AM	12/20/2018 3:25:00 AM	Dichlorvos	n/a	<	0.0058	µg/L	EPA 525.2m	0.0058	0.02	WKL	
MO-VEN	2018/19-2	Wet	11/30/2018 4:20:00 AM	1/12/2019 11:59:00 AM	Dieldrin	n/a	<	0.042	µg/L	EPA 608	0.042	0.2	WKL	
MO-VEN	2018/19-2	Wet	11/30/2018 4:20:00 AM	12/19/2018 5:05:00 AM	Dimethoate	n/a	<	0.024	µg/L	EPA 525.2	0.024	0.2	WKL	
MO-VEN	2018/19-2	Wet	11/30/2018 4:20:00 AM	12/20/2018 3:25:00 AM	Dimethoate	n/a	<	0.012	µg/L	EPA 525.2m	0.012	0.02	WKL	
MO-VEN	2018/19-2	Wet	11/30/2018 4:20:00 AM	12/27/2018 8:10:00 PM	Dinoseb	n/a	<	0.14	µg/L	EPA 515.3	0.14	0.4	WKL	
MO-VEN	2018/19-2	Wet	11/30/2018 4:20:00 AM	12/19/2018 5:05:00 AM	Diphenamid	n/a	<	0.024	µg/L	EPA 525.2	0.024	0.1	WKL	
MO-VEN	2018/19-2	Wet	11/30/2018 4:20:00 AM	12/19/2018 5:05:00 AM	Disulfoton	n/a	<	0.031	µg/L	EPA 525.2	0.031	0.1	WKL	
MO-VEN	2018/19-2	Wet	11/30/2018 4:20:00 AM	12/20/2018 3:25:00 AM	Disulfoton	n/a	<	0.02	µg/L	EPA 525.2m	0.02	0.02	WKL	
MO-VEN	2018/19-2	Wet	11/30/2018 4:20:00 AM	1/12/2019 11:59:00 AM	Endosulfan I	n/a	<	0.034	µg/L	EPA 608	0.034	0.4	WKL	
MO-VEN	2018/19-2	Wet	11/30/2018 4:20:00 AM	1/12/2019 11:59:00 AM	Endosulfan II	n/a	<	0.038	µg/L	EPA 608	0.038	0.2	WKL	
MO-VEN	2018/19-2	Wet	11/30/2018 4:20:00 AM	1/12/2019 11:59:00 AM	Endosulfan sulfate	n/a	<	0.16	µg/L	EPA 608	0.16	1	WKL	
MO-VEN	2018/19-2	Wet	11/30/2018 4:20:00 AM	1/12/2019 11:59:00 AM	Endrin	n/a	<	0.056	µg/L	EPA 608	0.056	0.2	WKL	
MO-VEN	2018/19-2	Wet	11/30/2018 4:20:00 AM	1/12/2019 11:59:00 AM	Endrin aldehyde	n/a	<	0.06	µg/L	EPA 608	0.06	0.2	WKL	
MO-VEN	2018/19-2	Wet	11/30/2018 4:20:00 AM	12/19/2018 5:05:00 AM	EPTC	n/a	<	0.017	µg/L	EPA 525.2	0.017	1	WKL	
MO-VEN	2018/19-2	Wet	11/30/2018 4:20:00 AM	12/20/2018 3:25:00 AM	Ethoprop	n/a	<	0.013	µg/L	EPA 525.2m	0.013	0.02	WKL	
MO-VEN	2018/19-2	Wet	11/30/2018 4:20:00 AM	12/20/2018 3:25:00 AM	Ethyl parathion	n/a	<	0.011	µg/L	EPA 525.2m	0.011	0.02	WKL	
MO-VEN	2018/19-2	Wet	11/30/2018 4:20:00 AM	12/20/2018 3:25:00 AM	Fensulfothion	n/a	<	0.0058	µg/L	EPA 525.2m	0.0058	0.02	WKL	
MO-VEN	2018/19-2	Wet	11/30/2018 4:20:00 AM	12/20/2018 3:25:00 AM	Fenthion	n/a	<	0.0076	µg/L	EPA 525.2m	0.0076	0.02	WKL	
MO-VEN	2018/19-2	Wet	11/30/2018 4:20:00 AM	1/12/2019 11:59:00 AM	gamma-BHC (Lindane)	n/a	<	0.042	µg/L	EPA 608	0.042	0.4	WKL	
MO-VEN	2018/19-2	Wet	11/30/2018 4:20:00 AM	1/12/2019 11:59:00 AM	gamma-Chlordane	n/a	<	0.088	µg/L	EPA 608	0.088	0.2	WKL	
MO-VEN	2018/19-2	Wet	11/30/2018 4:20:00 AM	12/10/2018 8:21:00 PM	Glyphosate	n/a	=	16	µg/L	EPA 547	1.8	5	WKL	
MO-VEN	2018/19-2	Wet	11/30/2018 4:20:00 AM	1/12/2019 11:59:00 AM	Heptachlor	n/a	<	0.034	µg/L	EPA 608	0.034	0.2	WKL	
MO-VEN	2018/19-2	Wet	11/30/2018 4:20:00 AM	1/12/2019 11:59:00 AM	Heptachlor epoxide	n/a	<	0.038	µg/L	EPA 608	0.038	0.2	WKL	
MO-VEN	2018/19-2	Wet	11/30/2018 4:20:00 AM	12/20/2018 3:25:00 AM	Malathion	n/a	=	0.029	µg/L	EPA 525.2m	0.015	0.02	WKL	

Appendix G
Laboratory Environmental Analysis Results

Site ID	Event	Event Type	Sample Date	Analysis Date	Constituent	Fraction	Sign	Result	Units	Method	MDL	Reporting Limit	Analyzing Laboratory	Qualifier
MO-VEN	2018/19-2	Wet	11/30/2018 4:20:00 AM	12/20/2018 3:25:00 AM	Merphos	n/a	<	0.012	µg/L	EPA 525.2m	0.012	0.02	WKL	
MO-VEN	2018/19-2	Wet	11/30/2018 4:20:00 AM	1/12/2019 11:59:00 AM	Methoxychlor	n/a	<	0.11	µg/L	EPA 608	0.11	0.4	WKL	
MO-VEN	2018/19-2	Wet	11/30/2018 4:20:00 AM	12/20/2018 3:25:00 AM	Methyl parathion	n/a	<	0.013	µg/L	EPA 525.2m	0.013	0.02	WKL	
MO-VEN	2018/19-2	Wet	11/30/2018 4:20:00 AM	12/19/2018 5:05:00 AM	Metolachlor	n/a	<	0.012	µg/L	EPA 525.2	0.012	0.1	WKL	
MO-VEN	2018/19-2	Wet	11/30/2018 4:20:00 AM	12/19/2018 5:05:00 AM	Metribuzin	n/a	<	0.3	µg/L	EPA 525.2	0.3	0.3	WKL	
MO-VEN	2018/19-2	Wet	11/30/2018 4:20:00 AM	12/20/2018 3:25:00 AM	Mevinphos	n/a	<	0.0084	µg/L	EPA 525.2m	0.0084	0.02	WKL	
MO-VEN	2018/19-2	Wet	11/30/2018 4:20:00 AM	12/19/2018 5:05:00 AM	Molinate	n/a	<	0.039	µg/L	EPA 525.2	0.039	0.1	WKL	
MO-VEN	2018/19-2	Wet	11/30/2018 4:20:00 AM	12/20/2018 3:25:00 AM	Naled	n/a	<	0.015	µg/L	EPA 525.2m	0.015	0.02	WKL	
MO-VEN	2018/19-2	Wet	11/30/2018 4:20:00 AM	12/27/2018 8:10:00 PM	Pentachlorophenol	n/a	DNQ	0.16	µg/L	EPA 515.3	0.04	0.2	WKL	
MO-VEN	2018/19-2	Wet	11/30/2018 4:20:00 AM	1/7/2019 2:47:00 AM	Pentachlorophenol	n/a	DNQ	5	µg/L	EPA 625	1.9	10	WKL	
MO-VEN	2018/19-2	Wet	11/30/2018 4:20:00 AM	1/11/2019 3:27:00 AM	Pentachlorophenol	n/a	<	1.5	µg/L	EPA 8270C	1.5	10	WKL	
MO-VEN	2018/19-2	Wet	11/30/2018 4:20:00 AM	12/20/2018 3:25:00 AM	Phorate	n/a	<	0.006	µg/L	EPA 525.2m	0.006	0.02	WKL	
MO-VEN	2018/19-2	Wet	11/30/2018 4:20:00 AM	12/27/2018 8:10:00 PM	Picloram	n/a	<	0.05	µg/L	EPA 515.3	0.05	0.6	WKL	
MO-VEN	2018/19-2	Wet	11/30/2018 4:20:00 AM	12/19/2018 5:05:00 AM	Prometon	n/a	<	0.024	µg/L	EPA 525.2	0.024	0.2	WKL	
MO-VEN	2018/19-2	Wet	11/30/2018 4:20:00 AM	12/19/2018 5:05:00 AM	Prometryn	n/a	<	0.036	µg/L	EPA 525.2	0.036	0.1	WKL	
MO-VEN	2018/19-2	Wet	11/30/2018 4:20:00 AM	12/20/2018 3:25:00 AM	Ronnel (Fenchlorphos)	n/a	<	0.0082	µg/L	EPA 525.2m	0.0082	0.02	WKL	
MO-VEN	2018/19-2	Wet	11/30/2018 4:20:00 AM	12/19/2018 5:05:00 AM	Simazine	n/a	<	0.015	µg/L	EPA 525.2	0.015	0.1	WKL	
MO-VEN	2018/19-2	Wet	11/30/2018 4:20:00 AM	12/20/2018 3:25:00 AM	Stirophos (Tetrachlorvinphos)	n/a	<	0.0062	µg/L	EPA 525.2m	0.0062	0.02	WKL	
MO-VEN	2018/19-2	Wet	11/30/2018 4:20:00 AM	12/19/2018 5:05:00 AM	Terbacil	n/a	<	0.55	µg/L	EPA 525.2	0.55	2	WKL	
MO-VEN	2018/19-2	Wet	11/30/2018 4:20:00 AM	12/19/2018 5:05:00 AM	Thiobencarb	n/a	<	0.025	µg/L	EPA 525.2	0.025	0.2	WKL	
MO-VEN	2018/19-2	Wet	11/30/2018 4:20:00 AM	12/20/2018 3:25:00 AM	Tokuthion	n/a	<	0.016	µg/L	EPA 525.2m	0.016	0.02	WKL	
MO-VEN	2018/19-2	Wet	11/30/2018 4:20:00 AM	1/12/2019 11:59:00 AM	Toxaphene	n/a	<	2.4	µg/L	EPA 608	2.4	10	WKL	
MO-VEN	2018/19-2	Wet	11/30/2018 4:20:00 AM	12/20/2018 3:25:00 AM	Trichloronate	n/a	<	0.013	µg/L	EPA 525.2m	0.013	0.02	WKL	
MO-VEN	2018/19-2	Wet	11/30/2018 4:20:00 AM	12/19/2018 5:05:00 AM	Trithion	n/a	<	0.012	µg/L	EPA 525.2	0.012	0.1	WKL	
MO-VEN	2018/19-3	Wet	1/5/2019 6:30:00 PM	1/6/2019 5:20:00 PM	E. Coli	n/a	=	6867	MPN/100 mL	MMO-MUG	10	10	VCHCA	
MO-VEN	2018/19-3	Wet	1/5/2019 6:30:00 PM	1/6/2019 5:20:00 PM	Total Coliform	n/a	=	61310	MPN/100 mL	MMO-MUG	100	100	VCHCA	
MO-VEN	2018/19-3	Wet	1/5/2019 6:30:00 PM	1/5/2019 6:30:00 PM	Conductivity	n/a	=	45	µmhos/cm	Field Meter	-88	1	Field Crew	
MO-VEN	2018/19-3	Wet	1/5/2019 6:30:00 PM	1/11/2019 4:34:00 PM	Cyanide	Total	DNQ	0.0005	mg/L	ASTM D7511	0.0005	0.002	WKL	
MO-VEN	2018/19-3	Wet	1/5/2019 6:30:00 PM	1/5/2019 6:30:00 PM	DO	n/a	=	87.1	%	Field Meter	-88	0.1	Field Crew	
MO-VEN	2018/19-3	Wet	1/5/2019 6:30:00 PM	1/5/2019 6:30:00 PM	DO	n/a	=	9.25	mg/L	Field Meter	-88	0.3	Field Crew	
MO-VEN	2018/19-3	Wet	1/5/2019 6:30:00 PM	1/5/2019 6:30:00 PM	pH	n/a	=	6.55	pH Units	Field Meter	-88	0.01	Field Crew	
MO-VEN	2018/19-3	Wet	1/5/2019 6:30:00 PM	1/5/2019 6:30:00 PM	Salinity	n/a	<	100	mg/L	Field Meter	-88	100	Field Crew	
MO-VEN	2018/19-3	Wet	1/5/2019 6:30:00 PM	1/5/2019 6:30:00 PM	Specific Conductance	n/a	=	61.2	µmhos/cm	Field Meter	-88	1	Field Crew	
MO-VEN	2018/19-3	Wet	1/5/2019 6:30:00 PM	1/5/2019 6:30:00 PM	Temperature	n/a	=	11.2	°C	Field Meter	-88	0.1	Field Crew	
MO-VEN	2018/19-3	Wet	1/5/2019 6:30:00 PM	1/12/2019 10:41:00 AM	Gasoline Range Organics	n/a	<	0.012	mg/L	LUFT GC/MS	0.012	0.1	WKL	
MO-VEN	2018/19-3	Wet	1/5/2019 6:30:00 PM	1/11/2019 3:00:00 PM	Oil and Grease	n/a	<	1.3	mg/L	EPA 1664A	1.3	5	WKL	
MO-VEN	2018/19-3	Wet	1/5/2019 6:30:00 PM	1/8/2019 7:28:00 PM	2-Chloroethyl vinyl ether	n/a	<	0.28	µg/L	EPA 624	0.28	1	WKL	
MO-VEN	2018/19-3	Wet	1/5/2019 6:30:00 PM	1/8/2019 7:28:00 PM	Methyl tert-butyl ether (MTBE)	n/a	<	0.25	µg/L	EPA 624	0.25	1	WKL	
MO-VEN	2018/19-3	Wet	1/5/2019 10:05:00 PM	1/15/2019 10:00:00 PM	Chloride	n/a	=	6.1	mg/L	EPA 300.0	0.1	0.5	WKL	
MO-VEN	2018/19-3	Wet	1/5/2019 10:05:00 PM	1/15/2019 10:00:00 PM	Fluoride	n/a	DNQ	0.056	mg/L	EPA 300.0	0.02	0.1	WKL	
MO-VEN	2018/19-3	Wet	1/5/2019 10:05:00 PM	1/9/2019 6:27:00 AM	Perchlorate	n/a	<	0.95	µg/L	EPA 314.0	0.95	2	WKL	
MO-VEN	2018/19-3	Wet	1/5/2019 10:05:00 PM	1/15/2019 10:00:00 PM	Sulfate	Total	=	13	mg/L	EPA 300.0	0.1	0.5	WKL	
MO-VEN	2018/19-3	Wet	1/5/2019 10:05:00 PM	1/30/2019 10:04:00 PM	Calcium	Total	=	17	mg/L	EPA 200.7	0.016	0.1	WKL	
MO-VEN	2018/19-3	Wet	1/5/2019 10:05:00 PM	1/30/2019 10:04:00 PM	Magnesium	Total	=	6.84	mg/L	EPA 200.7	0.012	0.1	WKL	
MO-VEN	2018/19-3	Wet	1/5/2019 10:05:00 PM	1/30/2019 10:04:00 PM	Potassium	Total	=	5.4	mg/L	EPA 200.7	0.081	0.1	WKL	
MO-VEN	2018/19-3	Wet	1/5/2019 10:05:00 PM	1/30/2019 10:04:00 PM	Sodium	Total	=	5.5	mg/L	EPA 200.7	0.015	0.5	WKL	
MO-VEN	2018/19-3	Wet	1/5/2019 10:05:00 PM	1/11/2019 3:58:00 PM	Alkalinity as CaCO3	n/a	=	28	mg/L	SM 2320 B	0.56	2	WKL	
MO-VEN	2018/19-3	Wet	1/5/2019 10:05:00 PM	1/12/2019 12:37:00 PM	BOD	n/a	=	11	mg/L	SM 5210 B	2	2	WKL	

Appendix G
Laboratory Environmental Analysis Results

Site ID	Event	Event Type	Sample Date	Analysis Date	Constituent	Fraction	Sign	Result	Units	Method	MDL	Reporting Limit	Analyzing Laboratory	Qualifier
MO-VEN	2018/19-3	Wet	1/5/2019 10:05:00 PM	1/17/2019 11:30:00 AM	COD	n/a	=	140	mg/L	EPA 410.4	0.73	5	WKL	
MO-VEN	2018/19-3	Wet	1/5/2019 10:05:00 PM	1/31/2019 4:14:00 AM	Dissolved Inorganic Carbon	Dissolved	=	6.8	mg/L	SM 5310 B	0.65	1	TestAmerica	
MO-VEN	2018/19-3	Wet	1/5/2019 10:05:00 PM	1/31/2019 1:31:12 PM	Dissolved Inorganic Carbon	Dissolved	=	6.2	mg/L	SM 5310 B	0.65	1	TestAmerica	
MO-VEN	2018/19-3	Wet	1/5/2019 10:05:00 PM	1/30/2019 10:04:00 PM	Hardness as CaCO3	Total	=	70.5	mg/L	EPA 200.7	0.0894	0.662	WKL	
MO-VEN	2018/19-3	Wet	1/5/2019 10:05:00 PM	1/7/2019 2:48:00 PM	MBAS	n/a	DNQ	0.046	mg/L	SM 5540 C	0.019	0.05	WKL	
MO-VEN	2018/19-3	Wet	1/5/2019 10:05:00 PM	1/17/2019 5:46:00 PM	Phenolics	n/a	=	0.013	mg/L	EPA 420.4	0.0042	0.01	WKL	
MO-VEN	2018/19-3	Wet	1/5/2019 10:05:00 PM	1/10/2019 11:39:00 AM	Specific Conductance	n/a	=	110	µmhos/cm	SM 2510 B	0.23	2	WKL	
MO-VEN	2018/19-3	Wet	1/5/2019 10:05:00 PM	1/7/2019 6:56:00 PM	Total Chlorine Residual	n/a	DNQ	0.007	mg/L	SM 4500-Cl G	0.0015	0.05	WKL	EST-HT, UL-MB
MO-VEN	2018/19-3	Wet	1/5/2019 10:05:00 PM	1/10/2019 2:32:00 PM	Total Dissolved Solids	n/a	=	80	mg/L	SM 2540 C	4	10	WKL	
MO-VEN	2018/19-3	Wet	1/5/2019 10:05:00 PM	1/31/2019 2:45:00 PM	Total Organic Carbon	n/a	=	8	mg/L	SM 5310 B	0.21	0.3	MCA	
MO-VEN	2018/19-3	Wet	1/5/2019 10:05:00 PM	1/8/2019 1:30:00 PM	Total Suspended Solids	n/a	=	680	mg/L	SM 2540 D	-88	5	WKL	
MO-VEN	2018/19-3	Wet	1/5/2019 10:05:00 PM	1/7/2019 11:44:00 AM	Turbidity	n/a	=	59	NTU	EPA 180.1	0.12	0.5	WKL	
MO-VEN	2018/19-3	Wet	1/5/2019 10:05:00 PM	1/8/2019 1:30:00 PM	Volatile Suspended Solids	n/a	=	100	mg/L	EPA 160.4	3.1	5	WKL	
MO-VEN	2018/19-3	Wet	1/5/2019 10:05:00 PM	1/23/2019 1:35:00 AM	Diesel Range Organics	n/a	DNQ	0.47	mg/L	EPA 8015D	0.24	1	WKL	UL-MB
MO-VEN	2018/19-3	Wet	1/5/2019 10:05:00 PM	1/23/2019 1:35:00 AM	Oil Range Organics	n/a	<	3.3	mg/L	EPA 8015D	3.3	5	WKL	
MO-VEN	2018/19-3	Wet	1/5/2019 10:05:00 PM	2/4/2019 6:55:00 PM	Aluminum	Dissolved	=	46	µg/L	EPA 200.8	1.3	5	WKL	
MO-VEN	2018/19-3	Wet	1/5/2019 10:05:00 PM	2/4/2019 7:03:00 PM	Aluminum	Total	=	13000	µg/L	EPA 200.8	1.3	5	WKL	
MO-VEN	2018/19-3	Wet	1/5/2019 10:05:00 PM	2/4/2019 6:55:00 PM	Antimony	Dissolved	=	0.56	µg/L	EPA 200.8	0.045	0.5	WKL	
MO-VEN	2018/19-3	Wet	1/5/2019 10:05:00 PM	2/4/2019 7:03:00 PM	Antimony	Total	=	1.9	µg/L	EPA 200.8	0.045	0.5	WKL	
MO-VEN	2018/19-3	Wet	1/5/2019 10:05:00 PM	2/4/2019 6:55:00 PM	Arsenic	Dissolved	=	0.89	µg/L	EPA 200.8	0.074	0.4	WKL	
MO-VEN	2018/19-3	Wet	1/5/2019 10:05:00 PM	2/4/2019 7:03:00 PM	Arsenic	Total	=	5.9	µg/L	EPA 200.8	0.074	0.4	WKL	
MO-VEN	2018/19-3	Wet	1/5/2019 10:05:00 PM	2/4/2019 7:03:00 PM	Barium	Total	=	180	µg/L	EPA 200.8	0.071	0.5	WKL	
MO-VEN	2018/19-3	Wet	1/5/2019 10:05:00 PM	2/4/2019 6:55:00 PM	Beryllium	Dissolved	<	0.033	µg/L	EPA 200.8	0.033	0.1	WKL	
MO-VEN	2018/19-3	Wet	1/5/2019 10:05:00 PM	2/4/2019 7:03:00 PM	Beryllium	Total	=	0.46	µg/L	EPA 200.8	0.033	0.1	WKL	
MO-VEN	2018/19-3	Wet	1/5/2019 10:05:00 PM	2/4/2019 6:55:00 PM	Cadmium	Dissolved	<	0.041	µg/L	EPA 200.8	0.041	0.1	WKL	
MO-VEN	2018/19-3	Wet	1/5/2019 10:05:00 PM	2/4/2019 7:03:00 PM	Cadmium	Total	=	0.79	µg/L	EPA 200.8	0.041	0.1	WKL	
MO-VEN	2018/19-3	Wet	1/5/2019 10:05:00 PM	2/4/2019 6:55:00 PM	Chromium	Dissolved	=	1.2	µg/L	EPA 200.8	0.035	0.2	WKL	
MO-VEN	2018/19-3	Wet	1/5/2019 10:05:00 PM	2/4/2019 7:03:00 PM	Chromium	Total	=	21	µg/L	EPA 200.8	0.035	0.2	WKL	
MO-VEN	2018/19-3	Wet	1/5/2019 10:05:00 PM	1/18/2019 2:27:00 PM	Chromium VI	n/a	=	0.88	µg/L	EPA 218.6	0.0096	0.04	WKL	
MO-VEN	2018/19-3	Wet	1/5/2019 10:05:00 PM	2/4/2019 6:55:00 PM	Copper	Dissolved	=	5.7	µg/L	EPA 200.8	0.13	0.5	WKL	
MO-VEN	2018/19-3	Wet	1/5/2019 10:05:00 PM	2/4/2019 7:03:00 PM	Copper	Total	=	70	µg/L	EPA 200.8	0.13	0.5	WKL	
MO-VEN	2018/19-3	Wet	1/5/2019 10:05:00 PM	1/30/2019 9:21:00 PM	Iron	Dissolved	=	86	µg/L	EPA 200.7	1.1	10	WKL	
MO-VEN	2018/19-3	Wet	1/5/2019 10:05:00 PM	1/30/2019 10:04:00 PM	Iron	Total	=	17000	µg/L	EPA 200.7	1.1	10	WKL	
MO-VEN	2018/19-3	Wet	1/5/2019 10:05:00 PM	2/4/2019 6:55:00 PM	Lead	Dissolved	=	0.42	µg/L	EPA 200.8	0.031	0.2	WKL	
MO-VEN	2018/19-3	Wet	1/5/2019 10:05:00 PM	2/4/2019 7:03:00 PM	Lead	Total	=	45	µg/L	EPA 200.8	0.031	0.2	WKL	
MO-VEN	2018/19-3	Wet	1/5/2019 10:05:00 PM	1/10/2019 3:27:00 PM	Mercury	Dissolved	<	17	ng/L	EPA 245.1	17	50	WKL	
MO-VEN	2018/19-3	Wet	1/5/2019 10:05:00 PM	1/10/2019 3:28:00 PM	Mercury	Total	=	59	ng/L	EPA 245.1	17	50	WKL	
MO-VEN	2018/19-3	Wet	1/5/2019 10:05:00 PM	2/4/2019 6:55:00 PM	Nickel	Dissolved	=	1.2	µg/L	EPA 200.8	0.045	0.8	WKL	
MO-VEN	2018/19-3	Wet	1/5/2019 10:05:00 PM	2/4/2019 7:03:00 PM	Nickel	Total	=	22	µg/L	EPA 200.8	0.045	0.8	WKL	
MO-VEN	2018/19-3	Wet	1/5/2019 10:05:00 PM	2/4/2019 6:55:00 PM	Selenium	Dissolved	DNQ	0.26	µg/L	EPA 200.8	0.14	0.4	WKL	
MO-VEN	2018/19-3	Wet	1/5/2019 10:05:00 PM	2/4/2019 7:03:00 PM	Selenium	Total	=	0.63	µg/L	EPA 200.8	0.14	0.4	WKL	
MO-VEN	2018/19-3	Wet	1/5/2019 10:05:00 PM	2/4/2019 6:55:00 PM	Silver	Dissolved	<	0.062	µg/L	EPA 200.8	0.062	0.2	WKL	
MO-VEN	2018/19-3	Wet	1/5/2019 10:05:00 PM	2/4/2019 7:03:00 PM	Silver	Total	DNQ	0.17	µg/L	EPA 200.8	0.062	0.2	WKL	
MO-VEN	2018/19-3	Wet	1/5/2019 10:05:00 PM	2/4/2019 6:55:00 PM	Thallium	Dissolved	<	0.014	µg/L	EPA 200.8	0.014	0.2	WKL	
MO-VEN	2018/19-3	Wet	1/5/2019 10:05:00 PM	2/4/2019 7:03:00 PM	Thallium	Total	DNQ	0.17	µg/L	EPA 200.8	0.014	0.2	WKL	
MO-VEN	2018/19-3	Wet	1/5/2019 10:05:00 PM	2/4/2019 6:55:00 PM	Zinc	Dissolved	=	23	µg/L	EPA 200.8	0.94	5	WKL	
MO-VEN	2018/19-3	Wet	1/5/2019 10:05:00 PM	2/4/2019 7:03:00 PM	Zinc	Total	=	410	µg/L	EPA 200.8	0.94	5	WKL	
MO-VEN	2018/19-3	Wet	1/5/2019 10:05:00 PM	1/15/2019 6:47:00 PM	Ammonia as N	n/a	=	0.29	mg/L	EPA 350.1	0.048	0.1	WKL	

Appendix G
Laboratory Environmental Analysis Results

Site ID	Event	Event Type	Sample Date	Analysis Date	Constituent	Fraction	Sign	Result	Units	Method	MDL	Reporting Limit	Analyzing Laboratory	Qualifier
MO-VEN	2018/19-3	Wet	1/5/2019 10:05:00 PM	1/12/2019 10:06:00 AM	Nitrate + Nitrite as N	n/a	=	0.55	mg/L	EPA 353.2	0.083	0.2	WKL	
MO-VEN	2018/19-3	Wet	1/5/2019 10:05:00 PM	1/17/2019 7:05:00 PM	Phosphorus as P	Dissolved	=	0.16	mg/L	EPA 200.7	0.012	0.02	WKL	
MO-VEN	2018/19-3	Wet	1/5/2019 10:05:00 PM	1/17/2019 7:08:00 PM	Phosphorus as P	Total	=	1.1	mg/L	EPA 200.7	0.012	0.02	WKL	
MO-VEN	2018/19-3	Wet	1/5/2019 10:05:00 PM	1/12/2019 1:50:00 PM	TKN	n/a	=	1.8	mg/L	EPA 351.2	0.05	0.1	WKL	
MO-VEN	2018/19-3	Wet	1/5/2019 10:05:00 PM	1/30/2019 3:54:00 AM	1,2,4-Trichlorobenzene	n/a	<	5.5	µg/L	EPA 625	5.5	10	WKL	
MO-VEN	2018/19-3	Wet	1/5/2019 10:05:00 PM	1/30/2019 3:54:00 AM	1,2-Dichlorobenzene	n/a	<	5.7	µg/L	EPA 625	5.7	10	WKL	
MO-VEN	2018/19-3	Wet	1/5/2019 10:05:00 PM	1/30/2019 3:54:00 AM	1,2-Diphenylhydrazine	n/a	<	2.5	µg/L	EPA 625	2.5	10	WKL	
MO-VEN	2018/19-3	Wet	1/5/2019 10:05:00 PM	1/30/2019 3:54:00 AM	1,3-Dichlorobenzene	n/a	<	5.3	µg/L	EPA 625	5.3	10	WKL	
MO-VEN	2018/19-3	Wet	1/5/2019 10:05:00 PM	1/30/2019 3:54:00 AM	1,4-Dichlorobenzene	n/a	<	5.5	µg/L	EPA 625	5.5	10	WKL	
MO-VEN	2018/19-3	Wet	1/5/2019 10:05:00 PM	2/1/2019 11:44:00 PM	1-Methylnaphthalene	n/a	<	1	µg/L	EPA 8270C	1	1	WKL	
MO-VEN	2018/19-3	Wet	1/5/2019 10:05:00 PM	2/5/2019 11:51:00 PM	2,4,5-Trichlorophenol	n/a	<	2.9	µg/L	EPA 8270C	2.9	10	WKL	
MO-VEN	2018/19-3	Wet	1/5/2019 10:05:00 PM	1/30/2019 3:54:00 AM	2,4,6-Trichlorophenol	n/a	<	2.2	µg/L	EPA 625	2.2	10	WKL	
MO-VEN	2018/19-3	Wet	1/5/2019 10:05:00 PM	2/5/2019 11:51:00 PM	2,4,6-Trichlorophenol	n/a	<	3	µg/L	EPA 8270C	3	10	WKL	
MO-VEN	2018/19-3	Wet	1/5/2019 10:05:00 PM	1/30/2019 3:54:00 AM	2,4-Dichlorophenol	n/a	<	2.6	µg/L	EPA 625	2.6	10	WKL	
MO-VEN	2018/19-3	Wet	1/5/2019 10:05:00 PM	2/5/2019 11:51:00 PM	2,4-Dichlorophenol	n/a	<	5.1	µg/L	EPA 8270C	5.1	10	WKL	
MO-VEN	2018/19-3	Wet	1/5/2019 10:05:00 PM	1/30/2019 3:54:00 AM	2,4-Dimethylphenol	n/a	<	3	µg/L	EPA 625	3	10	WKL	
MO-VEN	2018/19-3	Wet	1/5/2019 10:05:00 PM	2/5/2019 11:51:00 PM	2,4-Dimethylphenol	n/a	<	10	µg/L	EPA 8270C	10	20	WKL	
MO-VEN	2018/19-3	Wet	1/5/2019 10:05:00 PM	2/5/2019 11:51:00 PM	2,4-Dinitrophenol	n/a	<	10	µg/L	EPA 8270C	10	20	WKL	
MO-VEN	2018/19-3	Wet	1/5/2019 10:05:00 PM	1/30/2019 3:54:00 AM	2,4-Dinitrophenol	n/a	<	16	µg/L	EPA 625	16	100	WKL	
MO-VEN	2018/19-3	Wet	1/5/2019 10:05:00 PM	1/30/2019 3:54:00 AM	2,4-Dinitrotoluene	n/a	<	1.8	µg/L	EPA 625	1.8	10	WKL	
MO-VEN	2018/19-3	Wet	1/5/2019 10:05:00 PM	1/30/2019 3:54:00 AM	2,6-Dinitrotoluene	n/a	<	2.7	µg/L	EPA 625	2.7	10	WKL	
MO-VEN	2018/19-3	Wet	1/5/2019 10:05:00 PM	1/30/2019 3:54:00 AM	2-Chloronaphthalene	n/a	<	4.5	µg/L	EPA 625	4.5	10	WKL	
MO-VEN	2018/19-3	Wet	1/5/2019 10:05:00 PM	1/30/2019 3:54:00 AM	2-Chlorophenol	n/a	<	2.8	µg/L	EPA 625	2.8	10	WKL	
MO-VEN	2018/19-3	Wet	1/5/2019 10:05:00 PM	2/5/2019 11:51:00 PM	2-Chlorophenol	n/a	<	6.5	µg/L	EPA 8270C	6.5	10	WKL	
MO-VEN	2018/19-3	Wet	1/5/2019 10:05:00 PM	2/1/2019 11:44:00 PM	2-Methylnaphthalene	n/a	<	1	µg/L	EPA 8270C	1	1	WKL	
MO-VEN	2018/19-3	Wet	1/5/2019 10:05:00 PM	2/5/2019 11:51:00 PM	2-Methylphenol	n/a	<	3.4	µg/L	EPA 8270C	3.4	10	WKL	
MO-VEN	2018/19-3	Wet	1/5/2019 10:05:00 PM	1/30/2019 3:54:00 AM	2-Nitrophenol	n/a	<	2.6	µg/L	EPA 625	2.6	10	WKL	
MO-VEN	2018/19-3	Wet	1/5/2019 10:05:00 PM	2/5/2019 11:51:00 PM	2-Nitrophenol	n/a	<	7.1	µg/L	EPA 8270C	7.1	10	WKL	
MO-VEN	2018/19-3	Wet	1/5/2019 10:05:00 PM	1/30/2019 3:54:00 AM	3,3'-Dichlorobenzidine	n/a	<	12	µg/L	EPA 625	12	50	WKL	
MO-VEN	2018/19-3	Wet	1/5/2019 10:05:00 PM	2/5/2019 11:51:00 PM	3-/4-Methylphenol	n/a	<	3	µg/L	EPA 8270C	3	10	WKL	
MO-VEN	2018/19-3	Wet	1/5/2019 10:05:00 PM	1/30/2019 3:54:00 AM	4,6-Dinitro-2-methylphenol	n/a	<	17	µg/L	EPA 625	17	50	WKL	
MO-VEN	2018/19-3	Wet	1/5/2019 10:05:00 PM	2/5/2019 11:51:00 PM	4,6-Dinitro-2-methylphenol	n/a	<	1.4	µg/L	EPA 8270C	1.4	10	WKL	
MO-VEN	2018/19-3	Wet	1/5/2019 10:05:00 PM	1/30/2019 3:54:00 AM	4-Bromophenyl phenyl ether	n/a	<	3.6	µg/L	EPA 625	3.6	10	WKL	
MO-VEN	2018/19-3	Wet	1/5/2019 10:05:00 PM	1/30/2019 3:54:00 AM	4-Chloro-3-methylphenol	n/a	<	2.3	µg/L	EPA 625	2.3	10	WKL	
MO-VEN	2018/19-3	Wet	1/5/2019 10:05:00 PM	2/5/2019 11:51:00 PM	4-Chloro-3-methylphenol	n/a	<	3.7	µg/L	EPA 8270C	3.7	10	WKL	
MO-VEN	2018/19-3	Wet	1/5/2019 10:05:00 PM	1/30/2019 3:54:00 AM	4-Chlorophenyl phenyl ether	n/a	<	4.1	µg/L	EPA 625	4.1	10	WKL	
MO-VEN	2018/19-3	Wet	1/5/2019 10:05:00 PM	1/30/2019 3:54:00 AM	4-Nitrophenol	n/a	<	4.5	µg/L	EPA 625	4.5	50	WKL	
MO-VEN	2018/19-3	Wet	1/5/2019 10:05:00 PM	2/5/2019 11:51:00 PM	4-Nitrophenol	n/a	<	10	µg/L	EPA 8270C	10	20	WKL	
MO-VEN	2018/19-3	Wet	1/5/2019 10:05:00 PM	2/1/2019 11:44:00 PM	Acenaphthene	n/a	<	1	µg/L	EPA 8270C	1	1	WKL	
MO-VEN	2018/19-3	Wet	1/5/2019 10:05:00 PM	1/30/2019 3:54:00 AM	Acenaphthene	n/a	<	3.8	µg/L	EPA 625	3.8	10	WKL	
MO-VEN	2018/19-3	Wet	1/5/2019 10:05:00 PM	1/30/2019 3:54:00 AM	Acenaphthylene	n/a	<	4	µg/L	EPA 625	4	10	WKL	
MO-VEN	2018/19-3	Wet	1/5/2019 10:05:00 PM	2/1/2019 11:44:00 PM	Acenaphthylene	n/a	<	1	µg/L	EPA 8270C	1	1	WKL	
MO-VEN	2018/19-3	Wet	1/5/2019 10:05:00 PM	1/30/2019 3:54:00 AM	Anthracene	n/a	<	3.4	µg/L	EPA 625	3.4	10	WKL	
MO-VEN	2018/19-3	Wet	1/5/2019 10:05:00 PM	2/1/2019 11:44:00 PM	Anthracene	n/a	<	1	µg/L	EPA 8270C	1	1	WKL	
MO-VEN	2018/19-3	Wet	1/5/2019 10:05:00 PM	1/30/2019 3:54:00 AM	Benz(a)anthracene	n/a	<	1.9	µg/L	EPA 625	1.9	10	WKL	
MO-VEN	2018/19-3	Wet	1/5/2019 10:05:00 PM	2/1/2019 11:44:00 PM	Benz(a)anthracene	n/a	<	1	µg/L	EPA 8270C	1	1	WKL	
MO-VEN	2018/19-3	Wet	1/5/2019 10:05:00 PM	1/30/2019 3:54:00 AM	Benzenidine	n/a	<	37	µg/L	EPA 625	37	100	WKL	
MO-VEN	2018/19-3	Wet	1/5/2019 10:05:00 PM	2/1/2019 11:44:00 PM	Benzo(a)pyrene	n/a	<	0.35	µg/L	EPA 525.2	0.35	0.5	WKL	

Appendix G
Laboratory Environmental Analysis Results

Site ID	Event	Event Type	Sample Date	Analysis Date	Constituent	Fraction	Sign	Result	Units	Method	MDL	Reporting Limit	Analyzing Laboratory	Qualifier
MO-VEN	2018/19-3	Wet	1/5/2019 10:05:00 PM	1/30/2019 3:54:00 AM	Benzo(a)pyrene	n/a	<	1.3	µg/L	EPA 625	1.3	10	WKL	
MO-VEN	2018/19-3	Wet	1/5/2019 10:05:00 PM	2/1/2019 11:44:00 AM	Benzo(a)pyrene	n/a	<	1	µg/L	EPA 8270C	1	1	WKL	
MO-VEN	2018/19-3	Wet	1/5/2019 10:05:00 PM	1/30/2019 3:54:00 AM	Benzo(b)fluoranthene	n/a	<	1.4	µg/L	EPA 625	1.4	10	WKL	
MO-VEN	2018/19-3	Wet	1/5/2019 10:05:00 PM	2/1/2019 11:44:00 PM	Benzo(b)fluoranthene	n/a	<	1	µg/L	EPA 8270C	1	1	WKL	
MO-VEN	2018/19-3	Wet	1/5/2019 10:05:00 PM	1/30/2019 3:54:00 AM	Benzo(g,h,i)perylene	n/a	<	1	µg/L	EPA 625	1	20	WKL	
MO-VEN	2018/19-3	Wet	1/5/2019 10:05:00 PM	2/1/2019 11:44:00 PM	Benzo(g,h,i)perylene	n/a	<	1	µg/L	EPA 8270C	1	1	WKL	
MO-VEN	2018/19-3	Wet	1/5/2019 10:05:00 PM	2/1/2019 11:44:00 PM	Benzo(k)fluoranthene	n/a	<	1	µg/L	EPA 8270C	1	1	WKL	
MO-VEN	2018/19-3	Wet	1/5/2019 10:05:00 PM	1/30/2019 3:54:00 AM	Benzo(k)fluoranthene	n/a	<	2.2	µg/L	EPA 625	2.2	10	WKL	
MO-VEN	2018/19-3	Wet	1/5/2019 10:05:00 PM	1/30/2019 3:54:00 AM	Bis(2-chloroethoxy)methane	n/a	<	2.5	µg/L	EPA 625	2.5	10	WKL	
MO-VEN	2018/19-3	Wet	1/5/2019 10:05:00 PM	1/30/2019 3:54:00 AM	Bis(2-chloroethyl)ether	n/a	<	2.7	µg/L	EPA 625	2.7	10	WKL	
MO-VEN	2018/19-3	Wet	1/5/2019 10:05:00 PM	1/30/2019 3:54:00 AM	Bis(2-chloroisopropyl)ether	n/a	<	3.8	µg/L	EPA 625	3.8	10	WKL	
MO-VEN	2018/19-3	Wet	1/5/2019 10:05:00 PM	2/1/2019 11:44:00 PM	Bis(2-ethylhexyl)adipate	n/a	<	0.52	µg/L	EPA 525.2	0.52	25	WKL	
MO-VEN	2018/19-3	Wet	1/5/2019 10:05:00 PM	2/1/2019 11:44:00 PM	Bis(2-ethylhexyl)phthalate	n/a	<	5.3	µg/L	EPA 525.2	5.3	15	WKL	
MO-VEN	2018/19-3	Wet	1/5/2019 10:05:00 PM	1/30/2019 3:54:00 AM	Bis(2-ethylhexyl)phthalate	n/a	<	23	µg/L	EPA 625	23	50	WKL	
MO-VEN	2018/19-3	Wet	1/5/2019 10:05:00 PM	1/30/2019 3:54:00 AM	Butyl benzyl phthalate	n/a	<	1.8	µg/L	EPA 625	1.8	10	WKL	
MO-VEN	2018/19-3	Wet	1/5/2019 10:05:00 PM	2/1/2019 11:44:00 PM	Chrysene	n/a	<	1	µg/L	EPA 8270C	1	1	WKL	
MO-VEN	2018/19-3	Wet	1/5/2019 10:05:00 PM	1/30/2019 3:54:00 AM	Chrysene	n/a	<	1.9	µg/L	EPA 625	1.9	10	WKL	
MO-VEN	2018/19-3	Wet	1/5/2019 10:05:00 PM	2/1/2019 11:44:00 PM	Dibenz(a,h)anthracene	n/a	<	1	µg/L	EPA 8270C	1	1	WKL	
MO-VEN	2018/19-3	Wet	1/5/2019 10:05:00 PM	1/30/2019 3:54:00 AM	Dibenz(a,h)anthracene	n/a	<	0.8	µg/L	EPA 625	0.8	20	WKL	
MO-VEN	2018/19-3	Wet	1/5/2019 10:05:00 PM	1/30/2019 3:54:00 AM	Diethyl phthalate	n/a	<	1.5	µg/L	EPA 625	1.5	10	WKL	
MO-VEN	2018/19-3	Wet	1/5/2019 10:05:00 PM	1/30/2019 3:54:00 AM	Dimethyl phthalate	n/a	<	1.8	µg/L	EPA 625	1.8	10	WKL	
MO-VEN	2018/19-3	Wet	1/5/2019 10:05:00 PM	1/30/2019 3:54:00 AM	Di-n-butylphthalate	n/a	<	2.4	µg/L	EPA 625	2.4	10	WKL	
MO-VEN	2018/19-3	Wet	1/5/2019 10:05:00 PM	1/30/2019 3:54:00 AM	Di-n-octylphthalate	n/a	<	1.9	µg/L	EPA 625	1.9	10	WKL	
MO-VEN	2018/19-3	Wet	1/5/2019 10:05:00 PM	2/1/2019 11:44:00 PM	Fluoranthene	n/a	<	1	µg/L	EPA 8270C	1	1	WKL	
MO-VEN	2018/19-3	Wet	1/5/2019 10:05:00 PM	1/30/2019 3:54:00 AM	Fluoranthene	n/a	<	2.2	µg/L	EPA 625	2.2	10	WKL	
MO-VEN	2018/19-3	Wet	1/5/2019 10:05:00 PM	1/30/2019 3:54:00 AM	Fluorene	n/a	<	3.5	µg/L	EPA 625	3.5	10	WKL	
MO-VEN	2018/19-3	Wet	1/5/2019 10:05:00 PM	2/1/2019 11:44:00 PM	Fluorene	n/a	<	1	µg/L	EPA 8270C	1	1	WKL	
MO-VEN	2018/19-3	Wet	1/5/2019 10:05:00 PM	1/30/2019 3:54:00 AM	Hexachlorobenzene	n/a	<	4.9	µg/L	EPA 625	4.9	10	WKL	
MO-VEN	2018/19-3	Wet	1/5/2019 10:05:00 PM	1/30/2019 3:54:00 AM	Hexachlorobutadiene	n/a	<	4.7	µg/L	EPA 625	4.7	10	WKL	
MO-VEN	2018/19-3	Wet	1/5/2019 10:05:00 PM	1/30/2019 3:54:00 AM	Hexachlorocyclopentadiene	n/a	<	15	µg/L	EPA 625	15	50	WKL	
MO-VEN	2018/19-3	Wet	1/5/2019 10:05:00 PM	1/30/2019 3:54:00 AM	Hexachloroethane	n/a	<	5.2	µg/L	EPA 625	5.2	10	WKL	
MO-VEN	2018/19-3	Wet	1/5/2019 10:05:00 PM	2/1/2019 11:44:00 PM	Indeno(1,2,3-cd)pyrene	n/a	<	1	µg/L	EPA 8270C	1	1	WKL	
MO-VEN	2018/19-3	Wet	1/5/2019 10:05:00 PM	1/30/2019 3:54:00 AM	Indeno(1,2,3-cd)pyrene	n/a	<	1.2	µg/L	EPA 625	1.2	20	WKL	
MO-VEN	2018/19-3	Wet	1/5/2019 10:05:00 PM	1/30/2019 3:54:00 AM	Isophorone	n/a	<	2.1	µg/L	EPA 625	2.1	10	WKL	
MO-VEN	2018/19-3	Wet	1/5/2019 10:05:00 PM	1/30/2019 3:54:00 AM	Naphthalene	n/a	<	4.9	µg/L	EPA 625	4.9	10	WKL	
MO-VEN	2018/19-3	Wet	1/5/2019 10:05:00 PM	2/1/2019 11:44:00 PM	Naphthalene	n/a	<	1	µg/L	EPA 8270C	1	1	WKL	
MO-VEN	2018/19-3	Wet	1/5/2019 10:05:00 PM	1/30/2019 3:54:00 AM	Nitrobenzene	n/a	<	3.6	µg/L	EPA 625	3.6	10	WKL	
MO-VEN	2018/19-3	Wet	1/5/2019 10:05:00 PM	1/30/2019 3:54:00 AM	N-Nitrosodimethylamine	n/a	<	1.4	µg/L	EPA 625	1.4	10	WKL	
MO-VEN	2018/19-3	Wet	1/5/2019 10:05:00 PM	1/30/2019 3:54:00 AM	N-Nitrosodi-N-propylamine	n/a	<	2.6	µg/L	EPA 625	2.6	10	WKL	
MO-VEN	2018/19-3	Wet	1/5/2019 10:05:00 PM	1/30/2019 3:54:00 AM	N-Nitrosodiphenylamine	n/a	<	1.9	µg/L	EPA 625	1.9	10	WKL	
MO-VEN	2018/19-3	Wet	1/5/2019 10:05:00 PM	1/30/2019 3:54:00 AM	Phenanthrene	n/a	<	3.2	µg/L	EPA 625	3.2	10	WKL	
MO-VEN	2018/19-3	Wet	1/5/2019 10:05:00 PM	2/1/2019 11:44:00 PM	Phenanthrene	n/a	<	1	µg/L	EPA 8270C	1	1	WKL	
MO-VEN	2018/19-3	Wet	1/5/2019 10:05:00 PM	2/5/2019 11:51:00 PM	Phenol	n/a	<	3.5	µg/L	EPA 8270C	3.5	10	WKL	
MO-VEN	2018/19-3	Wet	1/5/2019 10:05:00 PM	1/30/2019 3:54:00 AM	Phenol	n/a	<	1.6	µg/L	EPA 625	1.6	10	WKL	
MO-VEN	2018/19-3	Wet	1/5/2019 10:05:00 PM	1/30/2019 3:54:00 AM	Pyrene	n/a	<	2.5	µg/L	EPA 625	2.5	10	WKL	
MO-VEN	2018/19-3	Wet	1/5/2019 10:05:00 PM	2/1/2019 11:44:00 PM	Pyrene	n/a	<	1	µg/L	EPA 8270C	1	1	WKL	
MO-VEN	2018/19-3	Wet	1/5/2019 10:05:00 PM	1/30/2019 10:37:00 PM	PCB Aroclor 1016	n/a	<	1	µg/L	EPA 608	1	10	WKL	
MO-VEN	2018/19-3	Wet	1/5/2019 10:05:00 PM	1/30/2019 10:37:00 PM	PCB Aroclor 1221	n/a	<	1.2	µg/L	EPA 608	1.2	10	WKL	

Appendix G
Laboratory Environmental Analysis Results

Site ID	Event	Event Type	Sample Date	Analysis Date	Constituent	Fraction	Sign	Result	Units	Method	MDL	Reporting Limit	Analyzing Laboratory	Qualifier
MO-VEN	2018/19-3	Wet	1/5/2019 10:05:00 PM	1/30/2019 10:37:00 PM	PCB Aroclor 1232	n/a	<	3	µg/L	EPA 608	3	10	WKL	
MO-VEN	2018/19-3	Wet	1/5/2019 10:05:00 PM	1/30/2019 10:37:00 PM	PCB Aroclor 1242	n/a	<	1.4	µg/L	EPA 608	1.4	10	WKL	
MO-VEN	2018/19-3	Wet	1/5/2019 10:05:00 PM	1/30/2019 10:37:00 PM	PCB Aroclor 1248	n/a	<	1.2	µg/L	EPA 608	1.2	10	WKL	
MO-VEN	2018/19-3	Wet	1/5/2019 10:05:00 PM	1/30/2019 10:37:00 PM	PCB Aroclor 1254	n/a	<	0.8	µg/L	EPA 608	0.8	10	WKL	
MO-VEN	2018/19-3	Wet	1/5/2019 10:05:00 PM	1/30/2019 10:37:00 PM	PCB Aroclor 1260	n/a	<	0.8	µg/L	EPA 608	0.8	10	WKL	
MO-VEN	2018/19-3	Wet	1/5/2019 10:05:00 PM	1/16/2019 7:33:00 AM	2,4,5-T	n/a	<	0.07	µg/L	EPA 515.3	0.07	0.2	WKL	
MO-VEN	2018/19-3	Wet	1/5/2019 10:05:00 PM	1/16/2019 7:33:00 AM	2,4,5-TP	n/a	<	0.09	µg/L	EPA 515.3	0.09	0.2	WKL	
MO-VEN	2018/19-3	Wet	1/5/2019 10:05:00 PM	1/16/2019 7:33:00 AM	2,4-DB	n/a	<	0.07	µg/L	EPA 515.3	0.07	0.4	WKL	
MO-VEN	2018/19-3	Wet	1/5/2019 10:05:00 PM	1/16/2019 7:33:00 AM	2,4-DB	n/a	DNQ	0.36	µg/L	EPA 515.3	0.07	2	WKL	
MO-VEN	2018/19-3	Wet	1/5/2019 10:05:00 PM	1/16/2019 7:33:00 AM	3,5-Dichlorobenzoic acid	n/a	<	0.09	µg/L	EPA 515.3	0.09	1	WKL	
MO-VEN	2018/19-3	Wet	1/5/2019 10:05:00 PM	1/30/2019 10:37:00 PM	4,4'-DDD	n/a	<	0.06	µg/L	EPA 608	0.06	1	WKL	
MO-VEN	2018/19-3	Wet	1/5/2019 10:05:00 PM	1/30/2019 10:37:00 PM	4,4'-DDE	n/a	DNQ	0.05	µg/L	EPA 608	0.05	1	WKL	
MO-VEN	2018/19-3	Wet	1/5/2019 10:05:00 PM	1/30/2019 10:37:00 PM	4,4'-DDT	n/a	<	0.062	µg/L	EPA 608	0.062	0.2	WKL	
MO-VEN	2018/19-3	Wet	1/5/2019 10:05:00 PM	1/16/2019 7:33:00 AM	Acifluorfen	n/a	<	0.06	µg/L	EPA 515.3	0.06	0.4	WKL	
MO-VEN	2018/19-3	Wet	1/5/2019 10:05:00 PM	2/1/2019 11:44:00 PM	Alachlor	n/a	<	0.11	µg/L	EPA 525.2	0.11	0.5	WKL	
MO-VEN	2018/19-3	Wet	1/5/2019 10:05:00 PM	1/30/2019 10:37:00 PM	Aldrin	n/a	<	0.03	µg/L	EPA 608	0.03	0.1	WKL	
MO-VEN	2018/19-3	Wet	1/5/2019 10:05:00 PM	1/30/2019 10:37:00 PM	alpha-BHC	n/a	<	0.036	µg/L	EPA 608	0.036	0.2	WKL	
MO-VEN	2018/19-3	Wet	1/5/2019 10:05:00 PM	1/30/2019 10:37:00 PM	alpha-Chlordane	n/a	<	0.082	µg/L	EPA 608	0.082	0.2	WKL	
MO-VEN	2018/19-3	Wet	1/5/2019 10:05:00 PM	2/1/2019 11:44:00 PM	Atrazine	n/a	<	0.17	µg/L	EPA 525.2	0.17	0.5	WKL	
MO-VEN	2018/19-3	Wet	1/5/2019 10:05:00 PM	1/26/2019 1:39:00 AM	Azinphos methyl	n/a	<	0.055	µg/L	EPA 525.2m	0.055	0.1	WKL	
MO-VEN	2018/19-3	Wet	1/5/2019 10:05:00 PM	1/16/2019 7:33:00 AM	Bentazon	n/a	<	0.11	µg/L	EPA 515.3	0.11	2	WKL	
MO-VEN	2018/19-3	Wet	1/5/2019 10:05:00 PM	1/30/2019 10:37:00 PM	beta-BHC	n/a	<	0.062	µg/L	EPA 608	0.062	0.1	WKL	
MO-VEN	2018/19-3	Wet	1/5/2019 10:05:00 PM	1/26/2019 1:39:00 AM	Bolstar	n/a	<	0.046	µg/L	EPA 525.2m	0.046	0.1	WKL	
MO-VEN	2018/19-3	Wet	1/5/2019 10:05:00 PM	2/1/2019 11:44:00 PM	Bromacil	n/a	<	0.19	µg/L	EPA 525.2	0.19	5	WKL	
MO-VEN	2018/19-3	Wet	1/5/2019 10:05:00 PM	2/1/2019 11:44:00 PM	Butachlor	n/a	<	0.085	µg/L	EPA 525.2	0.085	1	WKL	
MO-VEN	2018/19-3	Wet	1/5/2019 10:05:00 PM	2/1/2019 11:44:00 PM	Captan	n/a	<	4.3	µg/L	EPA 525.2	4.3	5	WKL	LB-LCSR
MO-VEN	2018/19-3	Wet	1/5/2019 10:05:00 PM	1/30/2019 10:37:00 PM	Chlordane (technical)	n/a	<	1.6	µg/L	EPA 608	1.6	2	WKL	
MO-VEN	2018/19-3	Wet	1/5/2019 10:05:00 PM	2/1/2019 11:44:00 PM	Chlorpropham	n/a	<	0.05	µg/L	EPA 525.2	0.05	0.5	WKL	
MO-VEN	2018/19-3	Wet	1/5/2019 10:05:00 PM	1/26/2019 1:39:00 AM	Chlorpyrifos	n/a	<	0.069	µg/L	EPA 525.2m	0.069	0.1	WKL	
MO-VEN	2018/19-3	Wet	1/5/2019 10:05:00 PM	1/26/2019 1:39:00 AM	Coumaphos	n/a	<	0.051	µg/L	EPA 525.2m	0.051	0.1	WKL	
MO-VEN	2018/19-3	Wet	1/5/2019 10:05:00 PM	2/1/2019 11:44:00 PM	Cyanazine	n/a	<	0.12	µg/L	EPA 525.2	0.12	0.5	WKL	
MO-VEN	2018/19-3	Wet	1/5/2019 10:05:00 PM	1/16/2019 7:33:00 AM	Dalapon	n/a	<	0.1	µg/L	EPA 515.3	0.1	0.4	WKL	
MO-VEN	2018/19-3	Wet	1/5/2019 10:05:00 PM	1/16/2019 7:33:00 AM	DCPA (Daacthal)	n/a	<	0.07	µg/L	EPA 515.3	0.07	0.1	WKL	
MO-VEN	2018/19-3	Wet	1/5/2019 10:05:00 PM	1/30/2019 10:37:00 PM	delta-BHC	n/a	<	0.05	µg/L	EPA 608	0.05	0.1	WKL	
MO-VEN	2018/19-3	Wet	1/5/2019 10:05:00 PM	1/26/2019 1:39:00 AM	Demeton-O	n/a	<	0.1	µg/L	EPA 525.2m	0.1	0.1	WKL	
MO-VEN	2018/19-3	Wet	1/5/2019 10:05:00 PM	1/26/2019 1:39:00 AM	Demeton-S	n/a	<	0.1	µg/L	EPA 525.2m	0.1	0.1	WKL	
MO-VEN	2018/19-3	Wet	1/5/2019 10:05:00 PM	2/1/2019 11:44:00 PM	Diazinon	n/a	<	0.48	µg/L	EPA 525.2	0.48	0.5	WKL	
MO-VEN	2018/19-3	Wet	1/5/2019 10:05:00 PM	1/26/2019 1:39:00 AM	Diazinon	n/a	<	0.052	µg/L	EPA 525.2m	0.052	0.1	WKL	
MO-VEN	2018/19-3	Wet	1/5/2019 10:05:00 PM	1/16/2019 7:33:00 AM	Dicamba	n/a	<	0.12	µg/L	EPA 515.3	0.12	0.6	WKL	
MO-VEN	2018/19-3	Wet	1/5/2019 10:05:00 PM	1/16/2019 7:33:00 AM	Dichlorprop	n/a	<	0.08	µg/L	EPA 515.3	0.08	0.3	WKL	
MO-VEN	2018/19-3	Wet	1/5/2019 10:05:00 PM	1/26/2019 1:39:00 AM	Dichlorvos	n/a	<	0.029	µg/L	EPA 525.2m	0.029	0.1	WKL	
MO-VEN	2018/19-3	Wet	1/5/2019 10:05:00 PM	1/30/2019 10:37:00 PM	Dieldrin	n/a	<	0.042	µg/L	EPA 608	0.042	0.2	WKL	
MO-VEN	2018/19-3	Wet	1/5/2019 10:05:00 PM	2/1/2019 11:44:00 PM	Dimethoate	n/a	<	0.12	µg/L	EPA 525.2	0.12	1	WKL	
MO-VEN	2018/19-3	Wet	1/5/2019 10:05:00 PM	1/26/2019 1:39:00 AM	Dimethoate	n/a	<	0.062	µg/L	EPA 525.2m	0.062	0.1	WKL	
MO-VEN	2018/19-3	Wet	1/5/2019 10:05:00 PM	1/16/2019 7:33:00 AM	Dinoseb	n/a	<	0.14	µg/L	EPA 515.3	0.14	0.4	WKL	
MO-VEN	2018/19-3	Wet	1/5/2019 10:05:00 PM	2/1/2019 11:44:00 PM	Diphenamid	n/a	<	0.12	µg/L	EPA 525.2	0.12	0.5	WKL	
MO-VEN	2018/19-3	Wet	1/5/2019 10:05:00 PM	2/1/2019 11:44:00 PM	Disulfoton	n/a	<	0.16	µg/L	EPA 525.2	0.16	0.5	WKL	
MO-VEN	2018/19-3	Wet	1/5/2019 10:05:00 PM	1/26/2019 1:39:00 AM	Disulfoton	n/a	<	0.1	µg/L	EPA 525.2m	0.1	0.1	WKL	

Appendix G
Laboratory Environmental Analysis Results

Site ID	Event	Event Type	Sample Date	Analysis Date	Constituent	Fraction	Sign	Result	Units	Method	MDL	Reporting Limit	Analyzing Laboratory	Qualifier
MO-VEN	2018/19-3	Wet	1/5/2019 10:05:00 PM	1/30/2019 10:37:00 PM	Endosulfan I	n/a	<	0.034	µg/L	EPA 608	0.034	0.4	WKL	
MO-VEN	2018/19-3	Wet	1/5/2019 10:05:00 PM	1/30/2019 10:37:00 PM	Endosulfan II	n/a	<	0.038	µg/L	EPA 608	0.038	0.2	WKL	
MO-VEN	2018/19-3	Wet	1/5/2019 10:05:00 PM	1/30/2019 10:37:00 PM	Endosulfan sulfate	n/a	<	0.16	µg/L	EPA 608	0.16	1	WKL	
MO-VEN	2018/19-3	Wet	1/5/2019 10:05:00 PM	1/30/2019 10:37:00 PM	Endrin	n/a	<	0.056	µg/L	EPA 608	0.056	0.2	WKL	
MO-VEN	2018/19-3	Wet	1/5/2019 10:05:00 PM	1/30/2019 10:37:00 PM	Endrin aldehyde	n/a	<	0.06	µg/L	EPA 608	0.06	0.2	WKL	LB-LCSR
MO-VEN	2018/19-3	Wet	1/5/2019 10:05:00 PM	2/1/2019 11:44:00 PM	EPTC	n/a	<	0.085	µg/L	EPA 525.2	0.085	5	WKL	
MO-VEN	2018/19-3	Wet	1/5/2019 10:05:00 PM	1/26/2019 1:39:00 AM	Ethoprop	n/a	<	0.067	µg/L	EPA 525.2m	0.067	0.1	WKL	
MO-VEN	2018/19-3	Wet	1/5/2019 10:05:00 PM	1/26/2019 1:39:00 AM	Ethyl parathion	n/a	<	0.054	µg/L	EPA 525.2m	0.054	0.1	WKL	
MO-VEN	2018/19-3	Wet	1/5/2019 10:05:00 PM	1/26/2019 1:39:00 AM	Fensulfothion	n/a	<	0.029	µg/L	EPA 525.2m	0.029	0.1	WKL	
MO-VEN	2018/19-3	Wet	1/5/2019 10:05:00 PM	1/26/2019 1:39:00 AM	Fenthion	n/a	<	0.038	µg/L	EPA 525.2m	0.038	0.1	WKL	
MO-VEN	2018/19-3	Wet	1/5/2019 10:05:00 PM	1/30/2019 10:37:00 PM	gamma-BHC (Lindane)	n/a	<	0.042	µg/L	EPA 608	0.042	0.4	WKL	
MO-VEN	2018/19-3	Wet	1/5/2019 10:05:00 PM	1/30/2019 10:37:00 PM	gamma-Chlordane	n/a	<	0.088	µg/L	EPA 608	0.088	0.2	WKL	
MO-VEN	2018/19-3	Wet	1/5/2019 10:05:00 PM	1/10/2019 3:59:00 AM	Glyphosate	n/a	=	11	µg/L	EPA 547	1.8	5	WKL	
MO-VEN	2018/19-3	Wet	1/5/2019 10:05:00 PM	1/30/2019 10:37:00 PM	Heptachlor	n/a	<	0.034	µg/L	EPA 608	0.034	0.2	WKL	
MO-VEN	2018/19-3	Wet	1/5/2019 10:05:00 PM	1/30/2019 10:37:00 PM	Heptachlor epoxide	n/a	<	0.038	µg/L	EPA 608	0.038	0.2	WKL	
MO-VEN	2018/19-3	Wet	1/5/2019 10:05:00 PM	1/26/2019 1:39:00 AM	Malathion	n/a	<	0.076	µg/L	EPA 525.2m	0.076	0.1	WKL	
MO-VEN	2018/19-3	Wet	1/5/2019 10:05:00 PM	1/26/2019 1:39:00 AM	Merphos	n/a	<	0.058	µg/L	EPA 525.2m	0.058	0.1	WKL	
MO-VEN	2018/19-3	Wet	1/5/2019 10:05:00 PM	1/30/2019 10:37:00 PM	Methoxychlor	n/a	<	0.11	µg/L	EPA 608	0.11	0.4	WKL	
MO-VEN	2018/19-3	Wet	1/5/2019 10:05:00 PM	1/26/2019 1:39:00 AM	Methyl parathion	n/a	<	0.063	µg/L	EPA 525.2m	0.063	0.1	WKL	
MO-VEN	2018/19-3	Wet	1/5/2019 10:05:00 PM	2/1/2019 11:44:00 PM	Metolachlor	n/a	<	0.06	µg/L	EPA 525.2	0.06	0.5	WKL	
MO-VEN	2018/19-3	Wet	1/5/2019 10:05:00 PM	2/1/2019 11:44:00 PM	Metribuzin	n/a	DNQ	0.21	µg/L	EPA 525.2	0.075	0.5	WKL	
MO-VEN	2018/19-3	Wet	1/5/2019 10:05:00 PM	1/26/2019 1:39:00 AM	Mevinphos	n/a	<	0.042	µg/L	EPA 525.2m	0.042	0.1	WKL	
MO-VEN	2018/19-3	Wet	1/5/2019 10:05:00 PM	2/1/2019 11:44:00 PM	Molinate	n/a	<	0.2	µg/L	EPA 525.2	0.2	0.5	WKL	
MO-VEN	2018/19-3	Wet	1/5/2019 10:05:00 PM	1/26/2019 1:39:00 AM	Naled	n/a	<	0.076	µg/L	EPA 525.2m	0.076	0.1	WKL	
MO-VEN	2018/19-3	Wet	1/5/2019 10:05:00 PM	2/5/2019 11:51:00 PM	Pentachlorophenol	n/a	<	1.5	µg/L	EPA 8270C	1.5	10	WKL	
MO-VEN	2018/19-3	Wet	1/5/2019 10:05:00 PM	1/16/2019 7:33:00 AM	Pentachlorophenol	n/a	DNQ	0.11	µg/L	EPA 515.3	0.04	0.2	WKL	
MO-VEN	2018/19-3	Wet	1/5/2019 10:05:00 PM	1/30/2019 3:54:00 AM	Pentachlorophenol	n/a	<	1.9	µg/L	EPA 625	1.9	10	WKL	
MO-VEN	2018/19-3	Wet	1/5/2019 10:05:00 PM	1/26/2019 1:39:00 AM	Phorate	n/a	<	0.03	µg/L	EPA 525.2m	0.03	0.1	WKL	
MO-VEN	2018/19-3	Wet	1/5/2019 10:05:00 PM	1/16/2019 7:33:00 AM	Picloram	n/a	<	0.05	µg/L	EPA 515.3	0.05	0.6	WKL	
MO-VEN	2018/19-3	Wet	1/5/2019 10:05:00 PM	2/1/2019 11:44:00 PM	Prometon	n/a	DNQ	0.21	µg/L	EPA 525.2	0.12	1	WKL	
MO-VEN	2018/19-3	Wet	1/5/2019 10:05:00 PM	2/1/2019 11:44:00 PM	Prometryn	n/a	<	0.18	µg/L	EPA 525.2	0.18	0.5	WKL	
MO-VEN	2018/19-3	Wet	1/5/2019 10:05:00 PM	1/26/2019 1:39:00 AM	Ronnel (Fenchlorphos)	n/a	<	0.041	µg/L	EPA 525.2m	0.041	0.1	WKL	
MO-VEN	2018/19-3	Wet	1/5/2019 10:05:00 PM	2/1/2019 11:44:00 PM	Simazine	n/a	<	0.075	µg/L	EPA 525.2	0.075	0.5	WKL	
MO-VEN	2018/19-3	Wet	1/5/2019 10:05:00 PM	1/26/2019 1:39:00 AM	Stirophos (Tetrachlorvinphos)	n/a	<	0.031	µg/L	EPA 525.2m	0.031	0.1	WKL	
MO-VEN	2018/19-3	Wet	1/5/2019 10:05:00 PM	2/1/2019 11:44:00 PM	Terbacil	n/a	<	2.8	µg/L	EPA 525.2	2.8	10	WKL	
MO-VEN	2018/19-3	Wet	1/5/2019 10:05:00 PM	2/1/2019 11:44:00 PM	Thiobencarb	n/a	<	0.12	µg/L	EPA 525.2	0.12	1	WKL	
MO-VEN	2018/19-3	Wet	1/5/2019 10:05:00 PM	1/26/2019 1:39:00 AM	Tokuthion	n/a	<	0.078	µg/L	EPA 525.2m	0.078	0.1	WKL	
MO-VEN	2018/19-3	Wet	1/5/2019 10:05:00 PM	1/30/2019 10:37:00 PM	Toxaphene	n/a	<	2.4	µg/L	EPA 608	2.4	10	WKL	
MO-VEN	2018/19-3	Wet	1/5/2019 10:05:00 PM	1/26/2019 1:39:00 AM	Trichloronate	n/a	<	0.067	µg/L	EPA 525.2m	0.067	0.1	WKL	
MO-VEN	2018/19-3	Wet	1/5/2019 10:05:00 PM	2/1/2019 11:44:00 PM	Trithion	n/a	<	0.06	µg/L	EPA 525.2	0.06	0.5	WKL	
MO-VEN	2018/19-5	Dry	5/2/2019 11:25:00 AM	5/3/2019 1:00:00 PM	Chloride	n/a	=	310	mg/L	EPA 300.0	3.8	19	WKL	
MO-VEN	2018/19-5	Dry	5/2/2019 11:25:00 AM	5/3/2019 1:00:00 PM	Fluoride	n/a	=	0.88	mg/L	EPA 300.0	0.02	0.1	WKL	
MO-VEN	2018/19-5	Dry	5/2/2019 11:25:00 AM	5/18/2019 5:18:00 AM	Perchlorate	n/a	<	9.5	µg/L	EPA 314.0	9.5	20	WKL	
MO-VEN	2018/19-5	Dry	5/2/2019 11:25:00 AM	5/3/2019 1:00:00 PM	Sulfate	Total	=	2900	mg/L	EPA 300.0	3.8	19	WKL	
MO-VEN	2018/19-5	Dry	5/2/2019 11:25:00 AM	5/3/2019 7:30:00 AM	E. Coli	n/a	<	10	MPN/100 mL	MMO-MUG	10	10	VCHCA	
MO-VEN	2018/19-5	Dry	5/2/2019 11:25:00 AM	5/3/2019 7:30:00 AM	Total Coliform	n/a	=	1553100	MPN/100 mL	MMO-MUG	1000	1000	VCHCA	
MO-VEN	2018/19-5	Dry	5/2/2019 11:25:00 AM	5/10/2019 3:36:00 PM	Calcium	Total	=	410	mg/L	EPA 200.7	0.32	2	WKL	
MO-VEN	2018/19-5	Dry	5/2/2019 11:25:00 AM	5/10/2019 3:36:00 PM	Magnesium	Total	=	279	mg/L	EPA 200.7	0.24	2	WKL	

Appendix G
Laboratory Environmental Analysis Results

Site ID	Event	Event Type	Sample Date	Analysis Date	Constituent	Fraction	Sign	Result	Units	Method	MDL	Reporting Limit	Analyzing Laboratory	Qualifier
MO-VEN	2018/19-5	Dry	5/2/2019 11:25:00 AM	5/10/2019 3:47:00 PM	Potassium	Total	=	32	mg/L	EPA 200.7	0.081	0.1	WKL	
MO-VEN	2018/19-5	Dry	5/2/2019 11:25:00 AM	5/10/2019 3:36:00 PM	Sodium	Total	=	1300	mg/L	EPA 200.7	0.3	10	WKL	
MO-VEN	2018/19-5	Dry	5/2/2019 11:25:00 AM	5/6/2019 2:28:00 PM	Alkalinity as CaCO3	n/a	=	140	mg/L	SM 2320 B	0.56	2	WKL	
MO-VEN	2018/19-5	Dry	5/2/2019 11:25:00 AM	5/3/2019 5:50:00 PM	BOD	n/a	=	15	mg/L	SM 5210 B	2	2	WKL	
MO-VEN	2018/19-5	Dry	5/2/2019 11:25:00 AM	5/8/2019 1:12:00 PM	COD	n/a	=	180	mg/L	EPA 410.4	0.73	5	WKL	
MO-VEN	2018/19-5	Dry	5/2/2019 11:25:00 AM	5/2/2019 11:25:00 AM	Conductivity	n/a	=	5290	µmhos/cm	Field Meter	-88	1	Field Crew	
MO-VEN	2018/19-5	Dry	5/2/2019 11:25:00 AM	5/7/2019 5:21:00 PM	Cyanide	Total	<	0.0005	mg/L	ASTM D7511	0.0005	0.002	WKL	
MO-VEN	2018/19-5	Dry	5/2/2019 11:25:00 AM	5/7/2019 2:02:00 PM	Dissolved Inorganic Carbon	Dissolved	=	29	mg/L	SM 5310 B	0.016	0.5	WKL	
MO-VEN	2018/19-5	Dry	5/2/2019 11:25:00 AM	5/9/2019 4:20:00 PM	Dissolved Organic Carbon	Dissolved	=	47	mg/L	SM 5310 B	0.013	0.3	WKL	
MO-VEN	2018/19-5	Dry	5/2/2019 11:25:00 AM	5/2/2019 11:25:00 AM	DO	n/a	=	17.68	mg/L	Field Meter	-88	0.3	Field Crew	
MO-VEN	2018/19-5	Dry	5/2/2019 11:25:00 AM	5/2/2019 11:25:00 AM	DO	n/a	=	217.2	%	Field Meter	-88	0.1	Field Crew	
MO-VEN	2018/19-5	Dry	5/2/2019 11:25:00 AM	5/10/2019 3:36:00 PM	Hardness as CaCO3	Total	=	2170	mg/L	EPA 200.7	1.79	13.2	WKL	
MO-VEN	2018/19-5	Dry	5/2/2019 11:25:00 AM	5/2/2019 5:38:00 PM	MBAS	n/a	=	0.19	mg/L	SM 5540 C	0.019	0.05	WKL	
MO-VEN	2018/19-5	Dry	5/2/2019 11:25:00 AM	5/2/2019 10:35:00 AM	pH	n/a	=	8.97	pH Units	Field Meter	-88	0.01	Field Crew	
MO-VEN	2018/19-5	Dry	5/2/2019 11:25:00 AM	5/10/2019 4:23:00 PM	Phenolics	n/a	=	0.034	mg/L	EPA 420.4	0.0042	0.01	WKL	
MO-VEN	2018/19-5	Dry	5/2/2019 11:25:00 AM	5/2/2019 11:25:00 AM	Salinity	n/a	=	2700	mg/L	Field Meter	-88	100	Field Crew	
MO-VEN	2018/19-5	Dry	5/2/2019 11:25:00 AM	5/10/2019 3:19:00 PM	Specific Conductance	n/a	=	9700	µmhos/cm	SM 2510 B	0.94	2	WKL	
MO-VEN	2018/19-5	Dry	5/2/2019 11:25:00 AM	5/2/2019 11:25:00 AM	Specific Conductance	n/a	=	5060	µmhos/cm	Field Meter	-88	1	Field Crew	
MO-VEN	2018/19-5	Dry	5/2/2019 11:25:00 AM	5/2/2019 11:25:00 AM	Temperature	n/a	=	27.3	°C	Field Meter	-88	0.1	Field Crew	
MO-VEN	2018/19-5	Dry	5/2/2019 11:25:00 AM	5/3/2019 1:09:00 PM	Total Chlorine Residual	n/a	=	0.1	mg/L	SM 4500-Cl G	0.0015	0.05	WKL	EST-HT
MO-VEN	2018/19-5	Dry	5/2/2019 11:25:00 AM	5/3/2019 5:50:00 PM	Total Dissolved Solids	n/a	=	6300	mg/L	SM 2540 C	4	10	WKL	
MO-VEN	2018/19-5	Dry	5/2/2019 11:25:00 AM	5/8/2019 12:14:00 PM	Total Organic Carbon	n/a	=	50	mg/L	SM 5310 B	0.009	0.3	WKL	
MO-VEN	2018/19-5	Dry	5/2/2019 11:25:00 AM	5/7/2019 11:55:00 AM	Total Suspended Solids	n/a	=	20	mg/L	SM 2540 D	-88	5	WKL	
MO-VEN	2018/19-5	Dry	5/2/2019 11:25:00 AM	5/2/2019 5:29:00 PM	Turbidity	n/a	=	4.7	NTU	EPA 180.1	0.024	0.1	WKL	
MO-VEN	2018/19-5	Dry	5/2/2019 11:25:00 AM	5/7/2019 11:55:00 AM	Volatile Suspended Solids	n/a	=	11	mg/L	EPA 160.4	3.1	5	WKL	
MO-VEN	2018/19-5	Dry	5/2/2019 11:25:00 AM	5/20/2019 10:35:00 AM	Diesel Range Organics	n/a	=	0.19	mg/L	EPA 8015D	0.024	0.1	WKL	
MO-VEN	2018/19-5	Dry	5/2/2019 11:25:00 AM	5/6/2019 4:59:00 PM	Gasoline Range Organics	n/a	<	0.012	mg/L	LUFT GC/MS	0.012	0.1	WKL	
MO-VEN	2018/19-5	Dry	5/2/2019 11:25:00 AM	5/3/2019 2:30:00 PM	Oil and Grease	n/a	<	1.3	mg/L	EPA 1664A	1.3	5	WKL	
MO-VEN	2018/19-5	Dry	5/2/2019 11:25:00 AM	5/20/2019 10:35:00 AM	Oil Range Organics	n/a	<	0.33	mg/L	EPA 8015D	0.33	0.5	WKL	
MO-VEN	2018/19-5	Dry	5/2/2019 11:25:00 AM	5/8/2019 3:56:00 PM	Aluminum	Dissolved	DNQ	3.1	µg/L	EPA 200.8	1.3	5	WKL	
MO-VEN	2018/19-5	Dry	5/2/2019 11:25:00 AM	5/8/2019 5:19:00 PM	Aluminum	Total	=	42	µg/L	EPA 200.8	1.3	5	WKL	
MO-VEN	2018/19-5	Dry	5/2/2019 11:25:00 AM	5/8/2019 3:56:00 PM	Antimony	Dissolved	=	1.8	µg/L	EPA 200.8	0.045	0.5	WKL	
MO-VEN	2018/19-5	Dry	5/2/2019 11:25:00 AM	5/8/2019 5:19:00 PM	Antimony	Total	=	1.8	µg/L	EPA 200.8	0.045	0.5	WKL	
MO-VEN	2018/19-5	Dry	5/2/2019 11:25:00 AM	5/8/2019 3:56:00 PM	Arsenic	Dissolved	=	12	µg/L	EPA 200.8	0.074	0.4	WKL	
MO-VEN	2018/19-5	Dry	5/2/2019 11:25:00 AM	5/8/2019 5:19:00 PM	Arsenic	Total	=	12	µg/L	EPA 200.8	0.074	0.4	WKL	
MO-VEN	2018/19-5	Dry	5/2/2019 11:25:00 AM	5/8/2019 5:19:00 PM	Barium	Total	=	58	µg/L	EPA 200.8	0.071	0.5	WKL	
MO-VEN	2018/19-5	Dry	5/2/2019 11:25:00 AM	5/8/2019 3:56:00 PM	Beryllium	Dissolved	<	0.033	µg/L	EPA 200.8	0.033	0.1	WKL	
MO-VEN	2018/19-5	Dry	5/2/2019 11:25:00 AM	5/8/2019 5:19:00 PM	Beryllium	Total	<	0.033	µg/L	EPA 200.8	0.033	0.1	WKL	
MO-VEN	2018/19-5	Dry	5/2/2019 11:25:00 AM	5/8/2019 3:56:00 PM	Cadmium	Dissolved	DNQ	0.051	µg/L	EPA 200.8	0.041	0.1	WKL	
MO-VEN	2018/19-5	Dry	5/2/2019 11:25:00 AM	5/8/2019 5:19:00 PM	Cadmium	Total	DNQ	0.058	µg/L	EPA 200.8	0.041	0.1	WKL	
MO-VEN	2018/19-5	Dry	5/2/2019 11:25:00 AM	5/8/2019 3:56:00 PM	Chromium	Dissolved	=	0.27	µg/L	EPA 200.8	0.035	0.2	WKL	
MO-VEN	2018/19-5	Dry	5/2/2019 11:25:00 AM	5/8/2019 5:19:00 PM	Chromium	Total	=	0.39	µg/L	EPA 200.8	0.035	0.2	WKL	
MO-VEN	2018/19-5	Dry	5/2/2019 11:25:00 AM	5/6/2019 3:46:00 PM	Chromium VI	n/a	=	0.052	µg/L	EPA 218.6	0.0048	0.02	WKL	
MO-VEN	2018/19-5	Dry	5/2/2019 11:25:00 AM	5/8/2019 3:56:00 PM	Copper	Dissolved	=	61	µg/L	EPA 200.8	0.13	0.5	WKL	
MO-VEN	2018/19-5	Dry	5/2/2019 11:25:00 AM	5/8/2019 5:19:00 PM	Copper	Total	=	75	µg/L	EPA 200.8	0.13	0.5	WKL	
MO-VEN	2018/19-5	Dry	5/2/2019 11:25:00 AM	5/10/2019 2:59:00 PM	Iron	Dissolved	=	36	µg/L	EPA 200.7	1.1	10	WKL	
MO-VEN	2018/19-5	Dry	5/2/2019 11:25:00 AM	5/10/2019 3:47:00 PM	Iron	Total	=	150	µg/L	EPA 200.7	1.1	10	WKL	
MO-VEN	2018/19-5	Dry	5/2/2019 11:25:00 AM	5/8/2019 3:56:00 PM	Lead	Dissolved	=	0.42	µg/L	EPA 200.8	0.031	0.2	WKL	

Appendix G
Laboratory Environmental Analysis Results

Site ID	Event	Event Type	Sample Date	Analysis Date	Constituent	Fraction	Sign	Result	Units	Method	MDL	Reporting Limit	Analyzing Laboratory	Qualifier
MO-VEN	2018/19-5	Dry	5/2/2019 11:25:00 AM	5/8/2019 5:19:00 PM	Lead	Total	=	0.83	µg/L	EPA 200.8	0.031	0.2	WKL	
MO-VEN	2018/19-5	Dry	5/2/2019 11:25:00 AM	5/9/2019 3:59:00 PM	Mercury	Dissolved	<	17	ng/L	EPA 245.1	17	50	WKL	
MO-VEN	2018/19-5	Dry	5/2/2019 11:25:00 AM	5/9/2019 4:01:00 PM	Mercury	Total	<	17	ng/L	EPA 245.1	17	50	WKL	
MO-VEN	2018/19-5	Dry	5/2/2019 11:25:00 AM	5/8/2019 3:56:00 PM	Nickel	Dissolved	=	6.3	µg/L	EPA 200.8	0.045	0.8	WKL	
MO-VEN	2018/19-5	Dry	5/2/2019 11:25:00 AM	5/8/2019 5:19:00 PM	Nickel	Total	=	6.5	µg/L	EPA 200.8	0.045	0.8	WKL	
MO-VEN	2018/19-5	Dry	5/2/2019 11:25:00 AM	5/8/2019 3:56:00 PM	Selenium	Dissolved	=	13	µg/L	EPA 200.8	0.14	0.4	WKL	
MO-VEN	2018/19-5	Dry	5/2/2019 11:25:00 AM	5/8/2019 5:19:00 PM	Selenium	Total	=	15	µg/L	EPA 200.8	0.14	0.4	WKL	
MO-VEN	2018/19-5	Dry	5/2/2019 11:25:00 AM	5/8/2019 3:56:00 PM	Silver	Dissolved	<	0.062	µg/L	EPA 200.8	0.062	0.2	WKL	
MO-VEN	2018/19-5	Dry	5/2/2019 11:25:00 AM	5/8/2019 5:19:00 PM	Silver	Total	<	0.062	µg/L	EPA 200.8	0.062	0.2	WKL	
MO-VEN	2018/19-5	Dry	5/2/2019 11:25:00 AM	5/8/2019 3:56:00 PM	Thallium	Dissolved	<	0.014	µg/L	EPA 200.8	0.014	0.2	WKL	
MO-VEN	2018/19-5	Dry	5/2/2019 11:25:00 AM	5/8/2019 5:19:00 PM	Thallium	Total	<	0.014	µg/L	EPA 200.8	0.014	0.2	WKL	
MO-VEN	2018/19-5	Dry	5/2/2019 11:25:00 AM	5/8/2019 3:56:00 PM	Zinc	Dissolved	DNQ	4.9	µg/L	EPA 200.8	0.94	5	WKL	
MO-VEN	2018/19-5	Dry	5/2/2019 11:25:00 AM	5/8/2019 5:19:00 PM	Zinc	Total	=	9.2	µg/L	EPA 200.8	0.94	5	WKL	
MO-VEN	2018/19-5	Dry	5/2/2019 11:25:00 AM	5/4/2019 1:05:00 PM	Ammonia as N	n/a	DNQ	0.059	mg/L	EPA 350.1	0.048	0.1	WKL	
MO-VEN	2018/19-5	Dry	5/2/2019 11:25:00 AM	5/3/2019 5:29:00 PM	Nitrate + Nitrite as N	n/a	<	0.083	mg/L	EPA 353.2	0.083	0.2	WKL	
MO-VEN	2018/19-5	Dry	5/2/2019 11:25:00 AM	5/3/2019 5:29:00 PM	Nitrate as N	n/a	<	0.083	mg/L	EPA 353.2	0.083	0.2	WKL	
MO-VEN	2018/19-5	Dry	5/2/2019 11:25:00 AM	5/10/2019 2:59:00 PM	Phosphorus as P	Dissolved	=	0.051	mg/L	EPA 200.7	0.012	0.02	WKL	
MO-VEN	2018/19-5	Dry	5/2/2019 11:25:00 AM	5/14/2019 1:35:00 PM	Phosphorus as P	Dissolved	=	0.057	mg/L	EPA 365.1	0.0014	0.01	WKL	
MO-VEN	2018/19-5	Dry	5/2/2019 11:25:00 AM	5/10/2019 3:47:00 PM	Phosphorus as P	Total	=	0.096	mg/L	EPA 200.7	0.012	0.02	WKL	
MO-VEN	2018/19-5	Dry	5/2/2019 11:25:00 AM	5/14/2019 1:58:00 PM	Phosphorus as P	Total	=	0.11	mg/L	EPA 365.1	0.0014	0.01	WKL	
MO-VEN	2018/19-5	Dry	5/2/2019 11:25:00 AM	5/10/2019 1:39:00 PM	TKN	n/a	=	4.6	mg/L	EPA 351.2	0.1	0.2	WKL	
MO-VEN	2018/19-5	Dry	5/2/2019 11:25:00 AM	6/1/2019 5:26:00 AM	1,2,4-Trichlorobenzene	n/a	<	5.5	µg/L	EPA 625	5.5	10	WKL	
MO-VEN	2018/19-5	Dry	5/2/2019 11:25:00 AM	6/1/2019 5:26:00 AM	1,2-Dichlorobenzene	n/a	<	5.7	µg/L	EPA 625	5.7	10	WKL	
MO-VEN	2018/19-5	Dry	5/2/2019 11:25:00 AM	6/1/2019 5:26:00 AM	1,2-Diphenylhydrazine	n/a	<	2.5	µg/L	EPA 625	2.5	10	WKL	
MO-VEN	2018/19-5	Dry	5/2/2019 11:25:00 AM	6/1/2019 5:26:00 AM	1,3-Dichlorobenzene	n/a	<	5.3	µg/L	EPA 625	5.3	10	WKL	
MO-VEN	2018/19-5	Dry	5/2/2019 11:25:00 AM	6/1/2019 5:26:00 AM	1,4-Dichlorobenzene	n/a	<	5.5	µg/L	EPA 625	5.5	10	WKL	
MO-VEN	2018/19-5	Dry	5/2/2019 11:25:00 AM	6/8/2019 1:15:00 AM	1-Methylnaphthalene	n/a	<	0.2	µg/L	EPA 8270C	0.2	0.2	WKL	
MO-VEN	2018/19-5	Dry	5/2/2019 11:25:00 AM	5/21/2019 5:09:00 PM	2,4,5-Trichlorophenol	n/a	<	0.58	µg/L	EPA 8270C	0.58	2	WKL	
MO-VEN	2018/19-5	Dry	5/2/2019 11:25:00 AM	6/1/2019 5:26:00 AM	2,4,6-Trichlorophenol	n/a	<	2.2	µg/L	EPA 625	2.2	10	WKL	
MO-VEN	2018/19-5	Dry	5/2/2019 11:25:00 AM	5/21/2019 5:09:00 PM	2,4,6-Trichlorophenol	n/a	<	0.6	µg/L	EPA 8270C	0.6	2	WKL	
MO-VEN	2018/19-5	Dry	5/2/2019 11:25:00 AM	6/1/2019 5:26:00 AM	2,4-Dichlorophenol	n/a	<	2.6	µg/L	EPA 625	2.6	10	WKL	
MO-VEN	2018/19-5	Dry	5/2/2019 11:25:00 AM	5/21/2019 5:09:00 PM	2,4-Dichlorophenol	n/a	<	1	µg/L	EPA 8270C	1	2	WKL	
MO-VEN	2018/19-5	Dry	5/2/2019 11:25:00 AM	5/21/2019 5:09:00 PM	2,4-Dimethylphenol	n/a	<	2	µg/L	EPA 8270C	2	4	WKL	
MO-VEN	2018/19-5	Dry	5/2/2019 11:25:00 AM	6/1/2019 5:26:00 AM	2,4-Dimethylphenol	n/a	<	3	µg/L	EPA 625	3	10	WKL	
MO-VEN	2018/19-5	Dry	5/2/2019 11:25:00 AM	6/1/2019 5:26:00 AM	2,4-Dinitrophenol	n/a	<	16	µg/L	EPA 625	16	100	WKL	
MO-VEN	2018/19-5	Dry	5/2/2019 11:25:00 AM	5/21/2019 5:09:00 PM	2,4-Dinitrophenol	n/a	<	2	µg/L	EPA 8270C	2	4	WKL	
MO-VEN	2018/19-5	Dry	5/2/2019 11:25:00 AM	6/1/2019 5:26:00 AM	2,4-Dinitrotoluene	n/a	<	1.8	µg/L	EPA 625	1.8	10	WKL	
MO-VEN	2018/19-5	Dry	5/2/2019 11:25:00 AM	6/1/2019 5:26:00 AM	2,6-Dinitrotoluene	n/a	<	2.7	µg/L	EPA 625	2.7	10	WKL	
MO-VEN	2018/19-5	Dry	5/2/2019 11:25:00 AM	5/3/2019 1:46:00 PM	2-Chloroethyl vinyl ether	n/a	<	0.28	µg/L	EPA 624	0.28	1	WKL	
MO-VEN	2018/19-5	Dry	5/2/2019 11:25:00 AM	6/1/2019 5:26:00 AM	2-Chloronaphthalene	n/a	<	4.5	µg/L	EPA 625	4.5	10	WKL	
MO-VEN	2018/19-5	Dry	5/2/2019 11:25:00 AM	5/21/2019 5:09:00 PM	2-Chlorophenol	n/a	<	1.3	µg/L	EPA 8270C	1.3	2	WKL	
MO-VEN	2018/19-5	Dry	5/2/2019 11:25:00 AM	6/1/2019 5:26:00 AM	2-Chlorophenol	n/a	<	2.8	µg/L	EPA 625	2.8	10	WKL	
MO-VEN	2018/19-5	Dry	5/2/2019 11:25:00 AM	6/8/2019 1:15:00 AM	2-Methylnaphthalene	n/a	<	0.2	µg/L	EPA 8270C	0.2	0.2	WKL	
MO-VEN	2018/19-5	Dry	5/2/2019 11:25:00 AM	5/21/2019 5:09:00 PM	2-Methylphenol	n/a	<	0.68	µg/L	EPA 8270C	0.68	2	WKL	
MO-VEN	2018/19-5	Dry	5/2/2019 11:25:00 AM	6/1/2019 5:26:00 AM	2-Nitrophenol	n/a	<	2.6	µg/L	EPA 625	2.6	10	WKL	
MO-VEN	2018/19-5	Dry	5/2/2019 11:25:00 AM	5/21/2019 5:09:00 PM	2-Nitrophenol	n/a	<	1.4	µg/L	EPA 8270C	1.4	2	WKL	
MO-VEN	2018/19-5	Dry	5/2/2019 11:25:00 AM	6/1/2019 5:26:00 AM	3,3'-Dichlorobenzidine	n/a	<	12	µg/L	EPA 625	12	50	WKL	
MO-VEN	2018/19-5	Dry	5/2/2019 11:25:00 AM	5/21/2019 5:09:00 PM	3-/4-Methylphenol	n/a	<	0.6	µg/L	EPA 8270C	0.6	2	WKL	

Appendix G
Laboratory Environmental Analysis Results

Site ID	Event	Event Type	Sample Date	Analysis Date	Constituent	Fraction	Sign	Result	Units	Method	MDL	Reporting Limit	Analyzing Laboratory	Qualifier
MO-VEN	2018/19-5	Dry	5/2/2019 11:25:00 AM	6/1/2019 5:26:00 AM	4,6-Dinitro-2-methylphenol	n/a	<	17	µg/L	EPA 625	17	50	WKL	
MO-VEN	2018/19-5	Dry	5/2/2019 11:25:00 AM	5/21/2019 5:09:00 PM	4,6-Dinitro-2-methylphenol	n/a	<	0.28	µg/L	EPA 8270C	0.28	2	WKL	
MO-VEN	2018/19-5	Dry	5/2/2019 11:25:00 AM	6/1/2019 5:26:00 AM	4-Bromophenyl phenyl ether	n/a	<	3.6	µg/L	EPA 625	3.6	10	WKL	
MO-VEN	2018/19-5	Dry	5/2/2019 11:25:00 AM	6/1/2019 5:26:00 AM	4-Chloro-3-methylphenol	n/a	<	2.3	µg/L	EPA 625	2.3	10	WKL	
MO-VEN	2018/19-5	Dry	5/2/2019 11:25:00 AM	5/21/2019 5:09:00 PM	4-Chloro-3-methylphenol	n/a	<	0.74	µg/L	EPA 8270C	0.74	2	WKL	
MO-VEN	2018/19-5	Dry	5/2/2019 11:25:00 AM	6/1/2019 5:26:00 AM	4-Chlorophenyl phenyl ether	n/a	<	4.1	µg/L	EPA 625	4.1	10	WKL	
MO-VEN	2018/19-5	Dry	5/2/2019 11:25:00 AM	6/1/2019 5:26:00 AM	4-Nitrophenol	n/a	<	4.5	µg/L	EPA 625	4.5	50	WKL	
MO-VEN	2018/19-5	Dry	5/2/2019 11:25:00 AM	5/21/2019 5:09:00 PM	4-Nitrophenol	n/a	<	2	µg/L	EPA 8270C	2	4	WKL	
MO-VEN	2018/19-5	Dry	5/2/2019 11:25:00 AM	6/1/2019 5:26:00 AM	Acenaphthene	n/a	<	3.8	µg/L	EPA 625	3.8	10	WKL	
MO-VEN	2018/19-5	Dry	5/2/2019 11:25:00 AM	6/8/2019 1:15:00 AM	Acenaphthene	n/a	<	0.2	µg/L	EPA 8270C	0.2	0.2	WKL	
MO-VEN	2018/19-5	Dry	5/2/2019 11:25:00 AM	6/1/2019 5:26:00 AM	Acenaphthylene	n/a	<	4	µg/L	EPA 625	4	10	WKL	
MO-VEN	2018/19-5	Dry	5/2/2019 11:25:00 AM	6/8/2019 1:15:00 AM	Acenaphthylene	n/a	<	0.2	µg/L	EPA 8270C	0.2	0.2	WKL	
MO-VEN	2018/19-5	Dry	5/2/2019 11:25:00 AM	6/8/2019 1:15:00 AM	Anthracene	n/a	<	0.2	µg/L	EPA 8270C	0.2	0.2	WKL	
MO-VEN	2018/19-5	Dry	5/2/2019 11:25:00 AM	6/1/2019 5:26:00 AM	Anthracene	n/a	<	3.4	µg/L	EPA 625	3.4	10	WKL	
MO-VEN	2018/19-5	Dry	5/2/2019 11:25:00 AM	6/1/2019 5:26:00 AM	Benz(a)anthracene	n/a	<	1.9	µg/L	EPA 625	1.9	10	WKL	
MO-VEN	2018/19-5	Dry	5/2/2019 11:25:00 AM	6/8/2019 1:15:00 AM	Benz(a)anthracene	n/a	<	0.2	µg/L	EPA 8270C	0.2	0.2	WKL	
MO-VEN	2018/19-5	Dry	5/2/2019 11:25:00 AM	6/1/2019 5:26:00 AM	Benzo(a)pyrene	n/a	<	37	µg/L	EPA 625	37	100	WKL	
MO-VEN	2018/19-5	Dry	5/2/2019 11:25:00 AM	5/6/2019 9:40:00 PM	Benzo(a)pyrene	n/a	<	0.07	µg/L	EPA 525.2	0.07	0.1	WKL	
MO-VEN	2018/19-5	Dry	5/2/2019 11:25:00 AM	6/1/2019 5:26:00 AM	Benzo(a)pyrene	n/a	<	1.3	µg/L	EPA 625	1.3	10	WKL	
MO-VEN	2018/19-5	Dry	5/2/2019 11:25:00 AM	6/8/2019 1:15:00 AM	Benzo(a)pyrene	n/a	<	0.2	µg/L	EPA 8270C	0.2	0.2	WKL	
MO-VEN	2018/19-5	Dry	5/2/2019 11:25:00 AM	6/1/2019 5:26:00 AM	Benzo(b)fluoranthene	n/a	<	1.4	µg/L	EPA 625	1.4	10	WKL	
MO-VEN	2018/19-5	Dry	5/2/2019 11:25:00 AM	6/8/2019 1:15:00 AM	Benzo(b)fluoranthene	n/a	<	0.2	µg/L	EPA 8270C	0.2	0.2	WKL	
MO-VEN	2018/19-5	Dry	5/2/2019 11:25:00 AM	6/6/2019 9:50:00 AM	Benzo(g,h,i)perylene	n/a	<	2	µg/L	EPA 625	2	40	WKL	
MO-VEN	2018/19-5	Dry	5/2/2019 11:25:00 AM	6/8/2019 1:15:00 AM	Benzo(g,h,i)perylene	n/a	<	0.2	µg/L	EPA 8270C	0.2	0.2	WKL	
MO-VEN	2018/19-5	Dry	5/2/2019 11:25:00 AM	6/8/2019 1:15:00 AM	Benzo(k)fluoranthene	n/a	<	0.2	µg/L	EPA 8270C	0.2	0.2	WKL	
MO-VEN	2018/19-5	Dry	5/2/2019 11:25:00 AM	6/1/2019 5:26:00 AM	Benzo(k)fluoranthene	n/a	<	2.2	µg/L	EPA 625	2.2	10	WKL	
MO-VEN	2018/19-5	Dry	5/2/2019 11:25:00 AM	6/1/2019 5:26:00 AM	Bis(2-chloroethoxy)methane	n/a	<	2.5	µg/L	EPA 625	2.5	10	WKL	
MO-VEN	2018/19-5	Dry	5/2/2019 11:25:00 AM	6/1/2019 5:26:00 AM	Bis(2-chloroethyl)ether	n/a	<	2.7	µg/L	EPA 625	2.7	10	WKL	
MO-VEN	2018/19-5	Dry	5/2/2019 11:25:00 AM	6/1/2019 5:26:00 AM	Bis(2-chloroisopropyl)ether	n/a	<	3.8	µg/L	EPA 625	3.8	10	WKL	
MO-VEN	2018/19-5	Dry	5/2/2019 11:25:00 AM	5/6/2019 9:40:00 PM	Bis(2-ethylhexyl)adipate	n/a	<	0.1	µg/L	EPA 525.2	0.1	5	WKL	
MO-VEN	2018/19-5	Dry	5/2/2019 11:25:00 AM	5/6/2019 9:40:00 PM	Bis(2-ethylhexyl)phthalate	n/a	<	1.1	µg/L	EPA 525.2	1.1	3	WKL	
MO-VEN	2018/19-5	Dry	5/2/2019 11:25:00 AM	6/1/2019 5:26:00 AM	Bis(2-ethylhexyl)phthalate	n/a	<	23	µg/L	EPA 625	23	50	WKL	
MO-VEN	2018/19-5	Dry	5/2/2019 11:25:00 AM	6/1/2019 5:26:00 AM	Butyl benzyl phthalate	n/a	<	1.8	µg/L	EPA 625	1.8	10	WKL	
MO-VEN	2018/19-5	Dry	5/2/2019 11:25:00 AM	6/1/2019 5:26:00 AM	Chrysene	n/a	<	1.9	µg/L	EPA 625	1.9	10	WKL	
MO-VEN	2018/19-5	Dry	5/2/2019 11:25:00 AM	6/8/2019 1:15:00 AM	Chrysene	n/a	<	0.2	µg/L	EPA 8270C	0.2	0.2	WKL	
MO-VEN	2018/19-5	Dry	5/2/2019 11:25:00 AM	6/6/2019 9:50:00 AM	Dibenz(a,h)anthracene	n/a	<	1.6	µg/L	EPA 625	1.6	40	WKL	
MO-VEN	2018/19-5	Dry	5/2/2019 11:25:00 AM	6/8/2019 1:15:00 AM	Dibenz(a,h)anthracene	n/a	<	0.2	µg/L	EPA 8270C	0.2	0.2	WKL	
MO-VEN	2018/19-5	Dry	5/2/2019 11:25:00 AM	6/1/2019 5:26:00 AM	Diethyl phthalate	n/a	<	1.5	µg/L	EPA 625	1.5	10	WKL	
MO-VEN	2018/19-5	Dry	5/2/2019 11:25:00 AM	6/1/2019 5:26:00 AM	Dimethyl phthalate	n/a	<	1.8	µg/L	EPA 625	1.8	10	WKL	
MO-VEN	2018/19-5	Dry	5/2/2019 11:25:00 AM	6/1/2019 5:26:00 AM	Di-n-butylphthalate	n/a	<	2.4	µg/L	EPA 625	2.4	10	WKL	
MO-VEN	2018/19-5	Dry	5/2/2019 11:25:00 AM	6/1/2019 5:26:00 AM	Di-n-octylphthalate	n/a	<	1.9	µg/L	EPA 625	1.9	10	WKL	
MO-VEN	2018/19-5	Dry	5/2/2019 11:25:00 AM	6/1/2019 5:26:00 AM	Fluoranthene	n/a	<	2.2	µg/L	EPA 625	2.2	10	WKL	
MO-VEN	2018/19-5	Dry	5/2/2019 11:25:00 AM	6/8/2019 1:15:00 AM	Fluoranthene	n/a	<	0.2	µg/L	EPA 8270C	0.2	0.2	WKL	
MO-VEN	2018/19-5	Dry	5/2/2019 11:25:00 AM	6/1/2019 5:26:00 AM	Fluorene	n/a	<	3.5	µg/L	EPA 625	3.5	10	WKL	
MO-VEN	2018/19-5	Dry	5/2/2019 11:25:00 AM	6/8/2019 1:15:00 AM	Fluorene	n/a	<	0.2	µg/L	EPA 8270C	0.2	0.2	WKL	
MO-VEN	2018/19-5	Dry	5/2/2019 11:25:00 AM	6/1/2019 5:26:00 AM	Hexachlorobenzene	n/a	<	4.9	µg/L	EPA 625	4.9	10	WKL	
MO-VEN	2018/19-5	Dry	5/2/2019 11:25:00 AM	6/1/2019 5:26:00 AM	Hexachlorobutadiene	n/a	<	4.7	µg/L	EPA 625	4.7	10	WKL	
MO-VEN	2018/19-5	Dry	5/2/2019 11:25:00 AM	6/1/2019 5:26:00 AM	Hexachlorocyclopentadiene	n/a	<	15	µg/L	EPA 625	15	50	WKL	

Appendix G
Laboratory Environmental Analysis Results

Site ID	Event	Event Type	Sample Date	Analysis Date	Constituent	Fraction	Sign	Result	Units	Method	MDL	Reporting Limit	Analyzing Laboratory	Qualifier
MO-VEN	2018/19-5	Dry	5/2/2019 11:25:00 AM	6/1/2019 5:26:00 AM	Hexachloroethane	n/a	<	5.2	µg/L	EPA 625	5.2	10	WKL	
MO-VEN	2018/19-5	Dry	5/2/2019 11:25:00 AM	6/8/2019 1:15:00 AM	Indeno(1,2,3-cd)pyrene	n/a	<	0.2	µg/L	EPA 8270C	0.2	0.2	WKL	
MO-VEN	2018/19-5	Dry	5/2/2019 11:25:00 AM	6/6/2019 9:50:00 AM	Indeno(1,2,3-cd)pyrene	n/a	<	2.4	µg/L	EPA 625	2.4	40	WKL	
MO-VEN	2018/19-5	Dry	5/2/2019 11:25:00 AM	6/1/2019 5:26:00 AM	Isophorone	n/a	<	2.1	µg/L	EPA 625	2.1	10	WKL	
MO-VEN	2018/19-5	Dry	5/2/2019 11:25:00 AM	5/3/2019 1:46:00 PM	Methyl tert-butyl ether (MTBE)	n/a	<	0.25	µg/L	EPA 624	0.25	1	WKL	
MO-VEN	2018/19-5	Dry	5/2/2019 11:25:00 AM	6/1/2019 5:26:00 AM	Naphthalene	n/a	<	4.9	µg/L	EPA 625	4.9	10	WKL	
MO-VEN	2018/19-5	Dry	5/2/2019 11:25:00 AM	6/8/2019 1:15:00 AM	Naphthalene	n/a	<	0.2	µg/L	EPA 8270C	0.2	0.2	WKL	
MO-VEN	2018/19-5	Dry	5/2/2019 11:25:00 AM	6/1/2019 5:26:00 AM	Nitrobenzene	n/a	<	3.6	µg/L	EPA 625	3.6	10	WKL	
MO-VEN	2018/19-5	Dry	5/2/2019 11:25:00 AM	6/1/2019 5:26:00 AM	N-Nitrosodimethylamine	n/a	<	1.4	µg/L	EPA 625	1.4	10	WKL	
MO-VEN	2018/19-5	Dry	5/2/2019 11:25:00 AM	6/1/2019 5:26:00 AM	N-Nitrosodi-N-propylamine	n/a	<	2.6	µg/L	EPA 625	2.6	10	WKL	
MO-VEN	2018/19-5	Dry	5/2/2019 11:25:00 AM	6/1/2019 5:26:00 AM	N-Nitrosodiphenylamine	n/a	<	1.9	µg/L	EPA 625	1.9	10	WKL	
MO-VEN	2018/19-5	Dry	5/2/2019 11:25:00 AM	6/1/2019 5:26:00 AM	Phenanthrene	n/a	<	3.2	µg/L	EPA 625	3.2	10	WKL	
MO-VEN	2018/19-5	Dry	5/2/2019 11:25:00 AM	6/8/2019 1:15:00 AM	Phenanthrene	n/a	<	0.2	µg/L	EPA 8270C	0.2	0.2	WKL	
MO-VEN	2018/19-5	Dry	5/2/2019 11:25:00 AM	5/21/2019 5:09:00 PM	Phenol	n/a	<	0.7	µg/L	EPA 8270C	0.7	2	WKL	
MO-VEN	2018/19-5	Dry	5/2/2019 11:25:00 AM	6/1/2019 5:26:00 AM	Phenol	n/a	<	1.6	µg/L	EPA 625	1.6	10	WKL	
MO-VEN	2018/19-5	Dry	5/2/2019 11:25:00 AM	6/8/2019 1:15:00 AM	Pyrene	n/a	<	0.2	µg/L	EPA 8270C	0.2	0.2	WKL	
MO-VEN	2018/19-5	Dry	5/2/2019 11:25:00 AM	6/1/2019 5:26:00 AM	Pyrene	n/a	<	2.5	µg/L	EPA 625	2.5	10	WKL	
MO-VEN	2018/19-5	Dry	5/2/2019 11:25:00 AM	5/10/2019 11:51:00 PM	PCB Aroclor 1016	n/a	<	0.25	µg/L	EPA 608	0.25	2.5	WKL	
MO-VEN	2018/19-5	Dry	5/2/2019 11:25:00 AM	5/10/2019 11:51:00 PM	PCB Aroclor 1221	n/a	<	0.3	µg/L	EPA 608	0.3	2.5	WKL	
MO-VEN	2018/19-5	Dry	5/2/2019 11:25:00 AM	5/10/2019 11:51:00 PM	PCB Aroclor 1232	n/a	<	0.75	µg/L	EPA 608	0.75	2.5	WKL	
MO-VEN	2018/19-5	Dry	5/2/2019 11:25:00 AM	5/10/2019 11:51:00 PM	PCB Aroclor 1242	n/a	<	0.35	µg/L	EPA 608	0.35	2.5	WKL	
MO-VEN	2018/19-5	Dry	5/2/2019 11:25:00 AM	5/10/2019 11:51:00 PM	PCB Aroclor 1248	n/a	<	0.3	µg/L	EPA 608	0.3	2.5	WKL	
MO-VEN	2018/19-5	Dry	5/2/2019 11:25:00 AM	5/10/2019 11:51:00 PM	PCB Aroclor 1254	n/a	<	0.2	µg/L	EPA 608	0.2	2.5	WKL	
MO-VEN	2018/19-5	Dry	5/2/2019 11:25:00 AM	5/10/2019 11:51:00 PM	PCB Aroclor 1260	n/a	<	0.2	µg/L	EPA 608	0.2	2.5	WKL	
MO-VEN	2018/19-5	Dry	5/2/2019 11:25:00 AM	5/11/2019 2:40:00 AM	2,4,5-T	n/a	<	0.07	µg/L	EPA 515.4	0.07	0.2	WKL	
MO-VEN	2018/19-5	Dry	5/2/2019 11:25:00 AM	5/11/2019 2:40:00 AM	2,4,5-TP	n/a	<	0.09	µg/L	EPA 515.4	0.09	0.2	WKL	
MO-VEN	2018/19-5	Dry	5/2/2019 11:25:00 AM	5/11/2019 2:40:00 AM	2,4-D	n/a	<	8	µg/L	EPA 515.4	8	8	WKL	
MO-VEN	2018/19-5	Dry	5/2/2019 11:25:00 AM	5/11/2019 2:40:00 AM	2,4-DB	n/a	<	0.07	µg/L	EPA 515.4	0.07	2	WKL	
MO-VEN	2018/19-5	Dry	5/2/2019 11:25:00 AM	5/11/2019 2:40:00 AM	3,5-Dichlorobenzoic acid	n/a	<	0.09	µg/L	EPA 515.4	0.09	1	WKL	
MO-VEN	2018/19-5	Dry	5/2/2019 11:25:00 AM	5/10/2019 11:51:00 PM	4,4'-DDD	n/a	<	0.015	µg/L	EPA 608	0.015	0.25	WKL	
MO-VEN	2018/19-5	Dry	5/2/2019 11:25:00 AM	5/10/2019 11:51:00 PM	4,4'-DDE	n/a	<	0.012	µg/L	EPA 608	0.012	0.25	WKL	
MO-VEN	2018/19-5	Dry	5/2/2019 11:25:00 AM	5/10/2019 11:51:00 PM	4,4'-DDT	n/a	<	0.016	µg/L	EPA 608	0.016	0.05	WKL	
MO-VEN	2018/19-5	Dry	5/2/2019 11:25:00 AM	5/11/2019 2:40:00 AM	Acifluorfen	n/a	<	0.06	µg/L	EPA 515.4	0.06	0.4	WKL	
MO-VEN	2018/19-5	Dry	5/2/2019 11:25:00 AM	5/6/2019 9:40:00 PM	Alachlor	n/a	<	0.022	µg/L	EPA 525.2	0.022	0.1	WKL	
MO-VEN	2018/19-5	Dry	5/2/2019 11:25:00 AM	5/10/2019 11:51:00 PM	Aldrin	n/a	<	0.0075	µg/L	EPA 608	0.0075	0.025	WKL	
MO-VEN	2018/19-5	Dry	5/2/2019 11:25:00 AM	5/10/2019 11:51:00 PM	alpha-BHC	n/a	<	0.009	µg/L	EPA 608	0.009	0.05	WKL	
MO-VEN	2018/19-5	Dry	5/2/2019 11:25:00 AM	5/10/2019 11:51:00 PM	alpha-Chlordane	n/a	<	0.02	µg/L	EPA 608	0.02	0.05	WKL	
MO-VEN	2018/19-5	Dry	5/2/2019 11:25:00 AM	5/6/2019 9:40:00 PM	Atrazine	n/a	<	0.034	µg/L	EPA 525.2	0.034	0.1	WKL	
MO-VEN	2018/19-5	Dry	5/2/2019 11:25:00 AM	5/22/2019 9:13:00 AM	Azinphos methyl	n/a	<	0.0055	µg/L	EPA 525.2m	0.0055	0.01	WKL	
MO-VEN	2018/19-5	Dry	5/2/2019 11:25:00 AM	5/11/2019 2:40:00 AM	Bentazon	n/a	<	0.11	µg/L	EPA 515.4	0.11	2	WKL	
MO-VEN	2018/19-5	Dry	5/2/2019 11:25:00 AM	5/10/2019 11:51:00 PM	beta-BHC	n/a	<	0.016	µg/L	EPA 608	0.016	0.025	WKL	
MO-VEN	2018/19-5	Dry	5/2/2019 11:25:00 AM	5/22/2019 9:13:00 AM	Bolstar	n/a	<	0.0046	µg/L	EPA 525.2m	0.0046	0.01	WKL	
MO-VEN	2018/19-5	Dry	5/2/2019 11:25:00 AM	5/6/2019 9:40:00 PM	Bromacil	n/a	<	0.038	µg/L	EPA 525.2	0.038	1	WKL	
MO-VEN	2018/19-5	Dry	5/2/2019 11:25:00 AM	5/6/2019 9:40:00 PM	Butachlor	n/a	<	0.017	µg/L	EPA 525.2	0.017	0.2	WKL	
MO-VEN	2018/19-5	Dry	5/2/2019 11:25:00 AM	5/6/2019 9:40:00 PM	Captan	n/a	<	0.86	µg/L	EPA 525.2	0.86	1	WKL	
MO-VEN	2018/19-5	Dry	5/2/2019 11:25:00 AM	5/10/2019 11:51:00 PM	Chlordane (technical)	n/a	<	0.4	µg/L	EPA 608	0.4	0.5	WKL	
MO-VEN	2018/19-5	Dry	5/2/2019 11:25:00 AM	5/6/2019 9:40:00 PM	Chlorpropham	n/a	<	0.01	µg/L	EPA 525.2	0.01	0.1	WKL	
MO-VEN	2018/19-5	Dry	5/2/2019 11:25:00 AM	5/22/2019 9:13:00 AM	Chlorpyrifos	n/a	<	0.0069	µg/L	EPA 525.2m	0.0069	0.01	WKL	

Appendix G
Laboratory Environmental Analysis Results

Site ID	Event	Event Type	Sample Date	Analysis Date	Constituent	Fraction	Sign	Result	Units	Method	MDL	Reporting Limit	Analyzing Laboratory	Qualifier
MO-VEN	2018/19-5	Dry	5/2/2019 11:25:00 AM	5/22/2019 9:13:00 AM	Coumaphos	n/a	<	0.0051	µg/L	EPA 525.2m	0.0051	0.01	WKL	
MO-VEN	2018/19-5	Dry	5/2/2019 11:25:00 AM	5/6/2019 9:40:00 PM	Cyanazine	n/a	<	0.024	µg/L	EPA 525.2	0.024	0.1	WKL	
MO-VEN	2018/19-5	Dry	5/2/2019 11:25:00 AM	5/11/2019 2:40:00 AM	Dalapon	n/a	<	0.1	µg/L	EPA 515.4	0.1	0.4	WKL	
MO-VEN	2018/19-5	Dry	5/2/2019 11:25:00 AM	5/11/2019 2:40:00 AM	DCPA (Dacthal)	n/a	=	0.49	µg/L	EPA 515.4	0.07	0.1	WKL	
MO-VEN	2018/19-5	Dry	5/2/2019 11:25:00 AM	5/10/2019 11:51:00 PM	delta-BHC	n/a	<	0.012	µg/L	EPA 608	0.012	0.025	WKL	
MO-VEN	2018/19-5	Dry	5/2/2019 11:25:00 AM	5/22/2019 9:13:00 AM	Demeton-O	n/a	<	0.01	µg/L	EPA 525.2m	0.01	0.01	WKL	
MO-VEN	2018/19-5	Dry	5/2/2019 11:25:00 AM	5/22/2019 9:13:00 AM	Demeton-S	n/a	<	0.01	µg/L	EPA 525.2m	0.01	0.01	WKL	
MO-VEN	2018/19-5	Dry	5/2/2019 11:25:00 AM	5/6/2019 9:40:00 PM	Diazinon	n/a	<	0.5	µg/L	EPA 525.2	0.5	0.5	WKL	
MO-VEN	2018/19-5	Dry	5/2/2019 11:25:00 AM	5/22/2019 9:13:00 AM	Diazinon	n/a	<	0.0052	µg/L	EPA 525.2m	0.0052	0.01	WKL	
MO-VEN	2018/19-5	Dry	5/2/2019 11:25:00 AM	5/11/2019 2:40:00 AM	Diamba	n/a	<	0.12	µg/L	EPA 515.4	0.12	0.6	WKL	
MO-VEN	2018/19-5	Dry	5/2/2019 11:25:00 AM	5/11/2019 2:40:00 AM	Dichlorprop	n/a	<	0.08	µg/L	EPA 515.4	0.08	0.3	WKL	
MO-VEN	2018/19-5	Dry	5/2/2019 11:25:00 AM	5/22/2019 9:13:00 AM	Dichlorvos	n/a	<	0.0029	µg/L	EPA 525.2m	0.0029	0.01	WKL	
MO-VEN	2018/19-5	Dry	5/2/2019 11:25:00 AM	5/10/2019 11:51:00 PM	Dieldrin	n/a	<	0.01	µg/L	EPA 608	0.01	0.05	WKL	
MO-VEN	2018/19-5	Dry	5/2/2019 11:25:00 AM	5/6/2019 9:40:00 PM	Dimethoate	n/a	<	0.024	µg/L	EPA 525.2	0.024	0.2	WKL	
MO-VEN	2018/19-5	Dry	5/2/2019 11:25:00 AM	5/22/2019 9:13:00 AM	Dimethoate	n/a	<	0.0062	µg/L	EPA 525.2m	0.0062	0.01	WKL	
MO-VEN	2018/19-5	Dry	5/2/2019 11:25:00 AM	5/11/2019 2:40:00 AM	Dinoseb	n/a	<	0.14	µg/L	EPA 515.4	0.14	0.4	WKL	
MO-VEN	2018/19-5	Dry	5/2/2019 11:25:00 AM	5/6/2019 9:40:00 PM	Diphenamid	n/a	<	0.024	µg/L	EPA 525.2	0.024	0.1	WKL	
MO-VEN	2018/19-5	Dry	5/2/2019 11:25:00 AM	5/6/2019 9:40:00 PM	Disulfoton	n/a	<	0.031	µg/L	EPA 525.2	0.031	0.1	WKL	
MO-VEN	2018/19-5	Dry	5/2/2019 11:25:00 AM	5/22/2019 9:13:00 AM	Disulfoton	n/a	<	0.01	µg/L	EPA 525.2m	0.01	0.01	WKL	
MO-VEN	2018/19-5	Dry	5/2/2019 11:25:00 AM	5/10/2019 11:51:00 PM	Endosulfan I	n/a	<	0.0085	µg/L	EPA 608	0.0085	0.1	WKL	
MO-VEN	2018/19-5	Dry	5/2/2019 11:25:00 AM	5/10/2019 11:51:00 PM	Endosulfan II	n/a	<	0.0095	µg/L	EPA 608	0.0095	0.05	WKL	
MO-VEN	2018/19-5	Dry	5/2/2019 11:25:00 AM	5/10/2019 11:51:00 PM	Endosulfan sulfate	n/a	<	0.04	µg/L	EPA 608	0.04	0.25	WKL	
MO-VEN	2018/19-5	Dry	5/2/2019 11:25:00 AM	5/10/2019 11:51:00 PM	Endrin	n/a	<	0.014	µg/L	EPA 608	0.014	0.05	WKL	
MO-VEN	2018/19-5	Dry	5/2/2019 11:25:00 AM	5/10/2019 11:51:00 PM	Endrin aldehyde	n/a	<	0.015	µg/L	EPA 608	0.015	0.05	WKL	
MO-VEN	2018/19-5	Dry	5/2/2019 11:25:00 AM	5/6/2019 9:40:00 PM	EPTC	n/a	<	0.017	µg/L	EPA 525.2	0.017	1	WKL	
MO-VEN	2018/19-5	Dry	5/2/2019 11:25:00 AM	5/22/2019 9:13:00 AM	Ethoprop	n/a	<	0.0067	µg/L	EPA 525.2m	0.0067	0.01	WKL	
MO-VEN	2018/19-5	Dry	5/2/2019 11:25:00 AM	5/22/2019 9:13:00 AM	Ethyl parathion	n/a	<	0.0054	µg/L	EPA 525.2m	0.0054	0.01	WKL	
MO-VEN	2018/19-5	Dry	5/2/2019 11:25:00 AM	5/22/2019 9:13:00 AM	Fensulfothion	n/a	<	0.0029	µg/L	EPA 525.2m	0.0029	0.01	WKL	
MO-VEN	2018/19-5	Dry	5/2/2019 11:25:00 AM	5/22/2019 9:13:00 AM	Fenthion	n/a	<	0.0038	µg/L	EPA 525.2m	0.0038	0.01	WKL	
MO-VEN	2018/19-5	Dry	5/2/2019 11:25:00 AM	5/10/2019 11:51:00 PM	gamma-BHC (Lindane)	n/a	<	0.01	µg/L	EPA 608	0.01	0.1	WKL	
MO-VEN	2018/19-5	Dry	5/2/2019 11:25:00 AM	5/10/2019 11:51:00 PM	gamma-Chlordane	n/a	<	0.022	µg/L	EPA 608	0.022	0.05	WKL	
MO-VEN	2018/19-5	Dry	5/2/2019 11:25:00 AM	5/9/2019 8:21:00 PM	Glyphosate	n/a	<	1.8	µg/L	EPA 547	1.8	5	WKL	
MO-VEN	2018/19-5	Dry	5/2/2019 11:25:00 AM	5/10/2019 11:51:00 PM	Heptachlor	n/a	<	0.0085	µg/L	EPA 608	0.0085	0.05	WKL	
MO-VEN	2018/19-5	Dry	5/2/2019 11:25:00 AM	5/10/2019 11:51:00 PM	Heptachlor epoxide	n/a	<	0.0095	µg/L	EPA 608	0.0095	0.05	WKL	
MO-VEN	2018/19-5	Dry	5/2/2019 11:25:00 AM	5/22/2019 9:13:00 AM	Malathion	n/a	<	0.0076	µg/L	EPA 525.2m	0.0076	0.01	WKL	
MO-VEN	2018/19-5	Dry	5/2/2019 11:25:00 AM	5/22/2019 9:13:00 AM	Merphos	n/a	<	0.0058	µg/L	EPA 525.2m	0.0058	0.01	WKL	
MO-VEN	2018/19-5	Dry	5/2/2019 11:25:00 AM	5/10/2019 11:51:00 PM	Methoxychlor	n/a	<	0.027	µg/L	EPA 608	0.027	0.1	WKL	
MO-VEN	2018/19-5	Dry	5/2/2019 11:25:00 AM	5/22/2019 9:13:00 AM	Methyl parathion	n/a	<	0.0063	µg/L	EPA 525.2m	0.0063	0.01	WKL	
MO-VEN	2018/19-5	Dry	5/2/2019 11:25:00 AM	5/6/2019 9:40:00 PM	Metolachlor	n/a	<	0.012	µg/L	EPA 525.2	0.012	0.1	WKL	
MO-VEN	2018/19-5	Dry	5/2/2019 11:25:00 AM	5/6/2019 9:40:00 PM	Metribuzin	n/a	<	0.3	µg/L	EPA 525.2	0.3	0.3	WKL	
MO-VEN	2018/19-5	Dry	5/2/2019 11:25:00 AM	5/22/2019 9:13:00 AM	Mevinphos	n/a	<	0.0042	µg/L	EPA 525.2m	0.0042	0.01	WKL	
MO-VEN	2018/19-5	Dry	5/2/2019 11:25:00 AM	5/6/2019 9:40:00 PM	Molinate	n/a	<	0.039	µg/L	EPA 525.2	0.039	0.1	WKL	
MO-VEN	2018/19-5	Dry	5/2/2019 11:25:00 AM	5/22/2019 9:13:00 AM	Naled	n/a	<	0.0076	µg/L	EPA 525.2m	0.0076	0.01	WKL	
MO-VEN	2018/19-5	Dry	5/2/2019 11:25:00 AM	5/11/2019 2:40:00 AM	Pentachlorophenol	n/a	<	0.04	µg/L	EPA 515.4	0.04	0.2	WKL	
MO-VEN	2018/19-5	Dry	5/2/2019 11:25:00 AM	6/1/2019 5:26:00 AM	Pentachlorophenol	n/a	<	1.9	µg/L	EPA 625	1.9	10	WKL	
MO-VEN	2018/19-5	Dry	5/2/2019 11:25:00 AM	5/21/2019 5:09:00 PM	Pentachlorophenol	n/a	<	0.3	µg/L	EPA 8270C	0.3	2	WKL	
MO-VEN	2018/19-5	Dry	5/2/2019 11:25:00 AM	5/22/2019 9:13:00 AM	Phorate	n/a	<	0.003	µg/L	EPA 525.2m	0.003	0.01	WKL	
MO-VEN	2018/19-5	Dry	5/2/2019 11:25:00 AM	5/11/2019 2:40:00 AM	Picloram	n/a	<	0.05	µg/L	EPA 515.4	0.05	0.6	WKL	

Appendix G
Laboratory Environmental Analysis Results

Site ID	Event	Event Type	Sample Date	Analysis Date	Constituent	Fraction	Sign	Result	Units	Method	MDL	Reporting Limit	Analyzing Laboratory	Qualifier
MO-VEN	2018/19-5	Dry	5/2/2019 11:25:00 AM	5/6/2019 9:40:00 PM	Prometon	n/a	<	0.024	µg/L	EPA 525.2	0.024	0.2	WKL	
MO-VEN	2018/19-5	Dry	5/2/2019 11:25:00 AM	5/6/2019 9:40:00 PM	Prometryn	n/a	<	0.036	µg/L	EPA 525.2	0.036	0.1	WKL	
MO-VEN	2018/19-5	Dry	5/2/2019 11:25:00 AM	5/22/2019 9:13:00 AM	Ronnel (Fenclorphos)	n/a	<	0.0041	µg/L	EPA 525.2m	0.0041	0.01	WKL	
MO-VEN	2018/19-5	Dry	5/2/2019 11:25:00 AM	5/6/2019 9:40:00 PM	Simazine	n/a	<	0.015	µg/L	EPA 525.2	0.015	0.1	WKL	
MO-VEN	2018/19-5	Dry	5/2/2019 11:25:00 AM	5/22/2019 9:13:00 AM	Stirophos (Tetrachlorvinphos)	n/a	<	0.0031	µg/L	EPA 525.2m	0.0031	0.01	WKL	
MO-VEN	2018/19-5	Dry	5/2/2019 11:25:00 AM	5/6/2019 9:40:00 PM	Terbacil	n/a	<	0.55	µg/L	EPA 525.2	0.55	2	WKL	
MO-VEN	2018/19-5	Dry	5/2/2019 11:25:00 AM	5/6/2019 9:40:00 PM	Thiobencarb	n/a	<	0.025	µg/L	EPA 525.2	0.025	0.2	WKL	
MO-VEN	2018/19-5	Dry	5/2/2019 11:25:00 AM	5/22/2019 9:13:00 AM	Tokuthion	n/a	<	0.0078	µg/L	EPA 525.2m	0.0078	0.01	WKL	
MO-VEN	2018/19-5	Dry	5/2/2019 11:25:00 AM	5/10/2019 11:51:00 PM	Toxaphene	n/a	<	0.6	µg/L	EPA 608	0.6	2.5	WKL	
MO-VEN	2018/19-5	Dry	5/2/2019 11:25:00 AM	5/22/2019 9:13:00 AM	Trichloronate	n/a	<	0.0067	µg/L	EPA 525.2m	0.0067	0.01	WKL	
MO-VEN	2018/19-5	Dry	5/2/2019 11:25:00 AM	5/6/2019 9:40:00 PM	Trithion	n/a	<	0.012	µg/L	EPA 525.2	0.012	0.1	WKL	