Ventura Countywide Stormwater Quality Management Program

2016-2017 Permit Year

Ventura Countywide Stormwater Quality Management Program Annual Report

Attachment D1 Monitoring Appendix F

December 15, 2017

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	
2016/17-1	000NONPJ	matrix spike	11/8/2016	Anion	Chloride	n/a	=	134	mg/L	EPA 300.0	1	5			
2016/17-1	000NONPJ	matrix spike	11/8/2016	Anion	Chloride	n/a	=	99.1	mg/L	EPA 300.0	1	5			
2016/17-1	000NONPJ	matrix spike dup	11/8/2016	Anion	Chloride	n/a	=	134	mg/L	EPA 300.0	1	5			
2016/17-1	000NONPJ	matrix spike dup	11/8/2016	Anion	Chloride	n/a	=	99.4	mg/L	EPA 300.0	1	5			
2016/17-1	000NONPJ	matrix spike dup, rec	11/8/2016	Anion	Chloride	n/a	=	108	%	EPA 300.0	-88	-88	76	118	
2016/17-1	000NONPJ	matrix spike dup, rec	11/8/2016	Anion	Chloride	n/a	=	111	%	EPA 300.0	-88	-88	76	118	
2016/17-1	000NONPJ	matrix spike, rec	11/8/2016	Anion	Chloride	n/a	=	111	%	EPA 300.0	-88	-88	76	118	
2016/17-1	000NONPJ	matrix spike, rec	11/8/2016	Anion	Chloride	n/a	=	107	%	EPA 300.0	-88	-88	76	118	
2016/17-1	000NONPJ	matrix spike, RPD	11/8/2016	Anion	Chloride	n/a	=	0.3	%	EPA 300.0	-88	-88	0	20	
2016/17-1	000NONPJ	matrix spike, RPD	11/8/2016	Anion	Chloride	n/a	=	0.2	%	EPA 300.0	-88	-88	0	20	
2016/17-1	000NONPJ	matrix spike	11/9/2016	Anion	Chloride	n/a	=	201	mg/L	EPA 300.0	1	5			
2016/17-1	000NONPJ	matrix spike	11/9/2016	Anion	Chloride	n/a	=	64.9	mg/L	EPA 300.0	1	5			
2016/17-1	000NONPJ	matrix spike dup	11/9/2016	Anion	Chloride	n/a	=	201	mg/L	EPA 300.0	1	5			
2016/17-1	000NONPJ	matrix spike dup	11/9/2016	Anion	Chloride	n/a	=	62.6	mg/L	EPA 300.0	1	5			
2016/17-1	000NONPJ	matrix spike dup, rec	11/9/2016	Anion	Chloride	n/a	=	96	%	EPA 300.0	-88	-88	76	118	
2016/17-1	000NONPJ	matrix spike dup, rec	11/9/2016	Anion	Chloride	n/a	=	110	%	EPA 300.0	-88	-88	76	118	
2016/17-1	000NONPJ	matrix spike, rec	11/9/2016	Anion	Chloride	n/a	=	115	%	EPA 300.0	-88	-88	76	118	
2016/17-1	000NONPJ	matrix spike, rec	11/9/2016	Anion	Chloride	n/a	=	96	%	EPA 300.0	-88	-88	76	118	
2016/17-1	000NONPJ	matrix spike, RPD	11/9/2016	Anion	Chloride	n/a	=	0.01	%	EPA 300.0	-88	-88	0	20	
2016/17-1	000NONPJ	matrix spike, RPD	11/9/2016	Anion	Chloride	n/a	=	4	%	EPA 300.0	-88	-88	0	20	
2016/17-1	Lab	LCS	11/8/2016	Anion	Chloride	n/a	=	2.63	mg/L	EPA 300.0	0.1	0.5			
2016/17-1	Lab	LCS, rec	11/8/2016	Anion	Chloride	n/a	=	105	%	EPA 300.0	-88	-88	90	110	
2016/17-1	Lab	method blank	11/8/2016	Anion	Chloride	n/a	<	0.1	mg/L	EPA 300.0	0.1	0.5			
2016/17-1	Lab	LCS	11/9/2016	Anion	Chloride	n/a	=	2.47	mg/L	EPA 300.0	0.1	0.5			
2016/17-1	Lab	LCS, rec	11/9/2016	Anion	Chloride	n/a	=	99	%	EPA 300.0	-88	-88	90	110	
2016/17-1	Lab	method blank	11/9/2016	Anion	Chloride	n/a	<	0.1	mg/L	EPA 300.0	0.1	0.5			
2016/17-1	000NONPJ	matrix spike	11/8/2016	Anion	Fluoride	n/a	=	10.8	mg/L	EPA 300.0	0.2	1			
2016/17-1	000NONPJ	matrix spike	11/8/2016	Anion	Fluoride	n/a	=	10.6	mg/L	EPA 300.0	0.2	1			
2016/17-1	000NONPJ	matrix spike dup	11/8/2016	Anion	Fluoride	n/a	=	10.7	mg/L	EPA 300.0	0.2	1			
2016/17-1	000NONPJ	matrix spike dup	11/8/2016	Anion	Fluoride	n/a	=	11.2	mg/L	EPA 300.0	0.2	1			
2016/17-1	000NONPJ	matrix spike dup, rec	11/8/2016	Anion	Fluoride	n/a	=	104	%	EPA 300.0	-88	-88	86	107	
2016/17-1	000NONPJ	matrix spike dup, rec	11/8/2016	Anion	Fluoride	n/a	=	102	%	EPA 300.0	-88	-88	86	107	
2016/17-1	000NONPJ	matrix spike, rec	11/8/2016	Anion	Fluoride	n/a	=	103	%	EPA 300.0	-88	-88	86	107	
2016/17-1	000NONPJ	matrix spike, rec	11/8/2016	Anion	Fluoride	n/a	=	97	%	EPA 300.0	-88	-88	86	107	
2016/17-1	000NONPJ	matrix spike, RPD	11/8/2016	Anion	Fluoride	n/a	=	4	%	EPA 300.0	-88	-88	0	20	
2016/17-1	000NONPJ	matrix spike, RPD	11/8/2016	Anion	Fluoride	n/a	=	0.9	%	EPA 300.0	-88	-88	0	20	
2016/17-1	000NONPJ	matrix spike	11/9/2016	Anion	Fluoride	n/a	=	11.8	mg/L	EPA 300.0	0.2	1			GB
2016/17-1	000NONPJ	matrix spike	11/9/2016	Anion	Fluoride	n/a	=	17.6	mg/L	EPA 300.0	0.2	1			
2016/17-1	000NONPJ	matrix spike dup	11/9/2016	Anion	Fluoride	n/a	=	17.6	mg/L	EPA 300.0	0.2	1			
2016/17-1	000NONPJ	matrix spike dup	11/9/2016	Anion	Fluoride	n/a	=	10.7	mg/L	EPA 300.0	0.2	1			
2016/17-1	000NONPJ	matrix spike dup, rec	11/9/2016	Anion	Fluoride	n/a	=	107	%	EPA 300.0	-88	-88	86	107	
2016/17-1	000NONPJ	matrix spike dup, rec	11/9/2016	Anion	Fluoride	n/a	=	86	%	EPA 300.0	-88	-88	86	107	
2016/17-1	000NONPJ	matrix spike, rec	11/9/2016	Anion	Fluoride	n/a	=	86	%	EPA 300.0	-88	-88	86	107	
2016/17-1	000NONPJ	matrix spike, rec	11/9/2016	Anion	Fluoride	n/a	=	118	%	EPA 300.0	-88	-88	86	107	GB
2016/17-1	000NONPJ	matrix spike, RPD	11/9/2016	Anion	Fluoride	n/a	=	0.06	%	EPA 300.0	-88	-88	0	20	
2016/17-1	000NONPJ	matrix spike, RPD	11/9/2016	Anion	Fluoride	n/a	=	10	%	EPA 300.0	-88	-88	0	20	
2016/17-1	Lab	LCS	11/8/2016	Anion	Fluoride	n/a	=	0.508	mg/L	EPA 300.0	0.02	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	
2016/17-1	Lab	LCS, rec	11/8/2016	Anion	Fluoride	n/a	=	102	%	EPA 300.0	-88	-88	90	110	
2016/17-1	Lab	method blank	11/8/2016	Anion	Fluoride	n/a	<	0.02	mg/L	EPA 300.0	0.02	0.1			
2016/17-1	Lab	LCS	11/9/2016	Anion	Fluoride	n/a	=	0.481	mg/L	EPA 300.0	0.02	0.1			
2016/17-1	Lab	LCS, rec	11/9/2016	Anion	Fluoride	n/a	=	96	%	EPA 300.0	-88	-88	90	110	
2016/17-1	Lab	method blank	11/9/2016	Anion	Fluoride	n/a	<	0.02	mg/L	EPA 300.0	0.02	0.1			
2016/17-1	000NONPJ	matrix spike	11/5/2016	Anion	Perchlorate	n/a	=	8.65	µg/L	EPA 314.0	0.95	2			
2016/17-1	000NONPJ	matrix spike, rec	11/5/2016	Anion	Perchlorate	n/a	=	86	%	EPA 314.0	-88	-88	80	120	
2016/17-1	000NONPJ	matrix spike dup	11/5/2016	Anion	Perchlorate	n/a	=	9.36	µg/L	EPA 314.0	0.95	2			
2016/17-1	000NONPJ	matrix spike dup, rec	11/5/2016	Anion	Perchlorate	n/a	=	94	%	EPA 314.0	-88	-88	80	120	
2016/17-1	000NONPJ	matrix spike, RPD	11/5/2016	Anion	Perchlorate	n/a	=	8	%	EPA 314.0	-88	-88	0	15	
2016/17-1	Lab	method blank	11/5/2016	Anion	Perchlorate	n/a	<	0.95	µg/L	EPA 314.0	0.95	2			
2016/17-1	Lab	LCS	11/5/2016	Anion	Perchlorate	n/a	=	10.1	µg/L	EPA 314.0	0.95	2			
2016/17-1	Lab	LCS, rec	11/5/2016	Anion	Perchlorate	n/a	=	101	%	EPA 314.0	-88	-88	85	115	
2016/17-1	000NONPJ	matrix spike	11/8/2016	Anion	Sulfate	Total	=	91.2	mg/L	EPA 300.0	1	5			
2016/17-1	000NONPJ	matrix spike	11/8/2016	Anion	Sulfate	Total	=	142	mg/L	EPA 300.0	1	5			
2016/17-1	000NONPJ	matrix spike dup	11/8/2016	Anion	Sulfate	Total	=	141	mg/L	EPA 300.0	1	5			
2016/17-1	000NONPJ	matrix spike dup	11/8/2016	Anion	Sulfate	Total	=	91.2	mg/L	EPA 300.0	1	5			
2016/17-1	000NONPJ	matrix spike dup, rec	11/8/2016	Anion	Sulfate	Total	=	102	%	EPA 300.0	-88	-88	80	120	
2016/17-1	000NONPJ	matrix spike dup, rec	11/8/2016	Anion	Sulfate	Total	=	108	%	EPA 300.0	-88	-88	80	120	
2016/17-1	000NONPJ	matrix spike, rec	11/8/2016	Anion	Sulfate	Total	=	110	%	EPA 300.0	-88	-88	80	120	
2016/17-1	000NONPJ	matrix spike, rec	11/8/2016	Anion	Sulfate	Total	=	102	%	EPA 300.0	-88	-88	80	120	
2016/17-1	000NONPJ	matrix spike, RPD	11/8/2016	Anion	Sulfate	Total	=	0.02	%	EPA 300.0	-88	-88	0	25	
2016/17-1	000NONPJ	matrix spike, RPD	11/8/2016	Anion	Sulfate	Total	=	0.6	%	EPA 300.0	-88	-88	0	25	
2016/17-1	000NONPJ	matrix spike	11/9/2016	Anion	Sulfate	Total	=	63.2	mg/L	EPA 300.0	1	5			
2016/17-1	000NONPJ	matrix spike	11/9/2016	Anion	Sulfate	Total	=	225	mg/L	EPA 300.0	1	5			
2016/17-1	000NONPJ	matrix spike dup	11/9/2016	Anion	Sulfate	Total	=	225	mg/L	EPA 300.0	1	5			
2016/17-1	000NONPJ	matrix spike dup	11/9/2016	Anion	Sulfate	Total	=	57.6	mg/L	EPA 300.0	1	5			
2016/17-1	000NONPJ	matrix spike dup, rec	11/9/2016	Anion	Sulfate	Total	=	106	%	EPA 300.0	-88	-88	80	120	
2016/17-1	000NONPJ	matrix spike dup, rec	11/9/2016	Anion	Sulfate	Total	=	98	%	EPA 300.0	-88	-88	80	120	
2016/17-1	000NONPJ	matrix spike, rec	11/9/2016	Anion	Sulfate	Total	=	98	%	EPA 300.0	-88	-88	80	120	
2016/17-1	000NONPJ	matrix spike, rec	11/9/2016	Anion	Sulfate	Total	=	117	%	EPA 300.0	-88	-88	80	120	
2016/17-1	000NONPJ	matrix spike, RPD	11/9/2016	Anion	Sulfate	Total	=	0.004	%	EPA 300.0	-88	-88	0	25	
2016/17-1	000NONPJ	matrix spike, RPD	11/9/2016	Anion	Sulfate	Total	=	9	%	EPA 300.0	-88	-88	0	25	
2016/17-1	Lab	LCS	11/8/2016	Anion	Sulfate	Total	=	2.56	mg/L	EPA 300.0	0.1	0.5			
2016/17-1	Lab	LCS, rec	11/8/2016	Anion	Sulfate	Total	=	102	%	EPA 300.0	-88	-88	90	110	
2016/17-1	Lab	method blank	11/8/2016	Anion	Sulfate	Total	<	0.1	mg/L	EPA 300.0	0.1	0.5			
2016/17-1	Lab	LCS	11/9/2016	Anion	Sulfate	Total	=	2.46	mg/L	EPA 300.0	0.1	0.5			
2016/17-1	Lab	LCS, rec	11/9/2016	Anion	Sulfate	Total	=	99	%	EPA 300.0	-88	-88	90	110	
2016/17-1	Lab	method blank	11/9/2016	Anion	Sulfate	Total	<	0.1	mg/L	EPA 300.0	0.1	0.5			
2016/17-1	MO-VEN	field duplicate	10/29/2016	Bacteriological	E. Coli	n/a	=	57940	MPN/100 mL	MMO-MUG	100	100	-88	-88	
2016/17-1	MO-VEN	field duplicate	10/31/2016	Bacteriological	Fecal Coliform	n/a	=	240000	MPN/100 mL	SM 9221 E	2	2	-88	-88	
2016/17-1	MO-VEN	field duplicate	10/29/2016	Bacteriological	Total Coliform	n/a	=	1046200	MPN/100 mL	MMO-MUG	1000	1000	-88	-88	
2016/17-1	Lab	method blank	11/2/2016	Cation	Calcium	Total	<	0.016	mg/L	EPA 200.7	0.016	0.1			
2016/17-1	Lab	LCS	11/2/2016	Cation	Calcium	Total	=	47.3	mg/L	EPA 200.7	0.016	0.1			
2016/17-1	Lab	LCS, rec	11/2/2016	Cation	Calcium	Total	=	94	%	EPA 200.7	-88	-88	85	115	
2016/17-1	Lab	method blank	11/8/2016	Cation	Calcium	Total	<	0.016	mg/L	EPA 200.7	0.016	0.1			
2016/17-1	Lab	LCS	11/8/2016	Cation	Calcium	Total	=	46.5	mg/L	EPA 200.7	0.016	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	
2016/17-1	Lab	LCS, rec	11/8/2016	Cation	Calcium	Total	=	93	%	EPA 200.7	-88	-88	85	115	
2016/17-1	ME-VR2	matrix spike	11/8/2016	Cation	Calcium	Total	=	185	mg/L	EPA 200.7	0.016	0.1			
2016/17-1	ME-VR2	matrix spike, rec	11/8/2016	Cation	Calcium	Total	=	78	%	EPA 200.7	-88	-88	70	130	
2016/17-1	ME-VR2	matrix spike dup	11/8/2016	Cation	Calcium	Total	=	186	mg/L	EPA 200.7	0.016	0.1			
2016/17-1	ME-VR2	matrix spike dup, rec	11/8/2016	Cation	Calcium	Total	=	81	%	EPA 200.7	-88	-88	70	130	
2016/17-1	ME-VR2	matrix spike, RPD	11/8/2016	Cation	Calcium	Total	=	1	%	EPA 200.7	-88	-88	0	30	
2016/17-1	MO-SPA	matrix spike	11/2/2016	Cation	Calcium	Total	=	73.1	mg/L	EPA 200.7	0.016	0.1			
2016/17-1	MO-SPA	matrix spike, rec	11/2/2016	Cation	Calcium	Total	=	91	%	EPA 200.7	-88	-88	70	130	
2016/17-1	MO-SPA	matrix spike dup	11/2/2016	Cation	Calcium	Total	=	73.5	mg/L	EPA 200.7	0.016	0.1			
2016/17-1	MO-SPA	matrix spike dup, rec	11/2/2016	Cation	Calcium	Total	=	92	%	EPA 200.7	-88	-88	70	130	
2016/17-1	MO-SPA	matrix spike, RPD	11/2/2016	Cation	Calcium	Total	=	0.6	%	EPA 200.7	-88	-88	0	30	
2016/17-1	MO-VEN	matrix spike	11/2/2016	Cation	Calcium	Total	=	107	mg/L	EPA 200.7	0.016	0.1			
2016/17-1	MO-VEN	matrix spike, rec	11/2/2016	Cation	Calcium	Total	=	94	%	EPA 200.7	-88	-88	70	130	
2016/17-1	MO-VEN	matrix spike dup	11/2/2016	Cation	Calcium	Total	=	107	mg/L	EPA 200.7	0.016	0.1			
2016/17-1	MO-VEN	matrix spike dup, rec	11/2/2016	Cation	Calcium	Total	=	95	%	EPA 200.7	-88	-88	70	130	
2016/17-1	MO-VEN	matrix spike, RPD	11/2/2016	Cation	Calcium	Total	=	0.4	%	EPA 200.7	-88	-88	0	30	
2016/17-1	Lab	method blank	11/2/2016	Cation	Magnesium	Total	<	0.012	mg/L	EPA 200.7	0.012	0.1			
2016/17-1	Lab	LCS	11/2/2016	Cation	Magnesium	Total	=	47.4	mg/L	EPA 200.7	0.012	0.1			
2016/17-1	Lab	LCS, rec	11/2/2016	Cation	Magnesium	Total	=	94	%	EPA 200.7	-88	-88	85	115	
2016/17-1	Lab	method blank	11/8/2016	Cation	Magnesium	Total	<	0.012	mg/L	EPA 200.7	0.012	0.1			
2016/17-1	Lab	LCS	11/8/2016	Cation	Magnesium	Total	=	46.6	mg/L	EPA 200.7	0.012	0.1			
2016/17-1	Lab	LCS, rec	11/8/2016	Cation	Magnesium	Total	=	93	%	EPA 200.7	-88	-88	85	115	
2016/17-1	ME-VR2	matrix spike	11/8/2016	Cation	Magnesium	Total	=	90.7	mg/L	EPA 200.7	0.012	0.1			
2016/17-1	ME-VR2	matrix spike, rec	11/8/2016	Cation	Magnesium	Total	=	91	%	EPA 200.7	-88	-88	70	130	
2016/17-1	ME-VR2	matrix spike dup	11/8/2016	Cation	Magnesium	Total	=	91.5	mg/L	EPA 200.7	0.012	0.1			
2016/17-1	ME-VR2	matrix spike dup, rec	11/8/2016	Cation	Magnesium	Total	=	93	%	EPA 200.7	-88	-88	70	130	
2016/17-1	ME-VR2	matrix spike, RPD	11/8/2016	Cation	Magnesium	Total	=	0.9	%	EPA 200.7	-88	-88	0	30	
2016/17-1	MO-SPA	matrix spike	11/2/2016	Cation	Magnesium	Total	=	55.5	mg/L	EPA 200.7	0.012	0.1			
2016/17-1	MO-SPA	matrix spike, rec	11/2/2016	Cation	Magnesium	Total	=	94	%	EPA 200.7	-88	-88	70	130	
2016/17-1	MO-SPA	matrix spike dup	11/2/2016	Cation	Magnesium	Total	=	55.5	mg/L	EPA 200.7	0.012	0.1			
2016/17-1	MO-SPA	matrix spike dup, rec	11/2/2016	Cation	Magnesium	Total	=	94	%	EPA 200.7	-88	-88	70	130	
2016/17-1	MO-SPA	matrix spike, RPD	11/2/2016	Cation	Magnesium	Total	=	0.09	%	EPA 200.7	-88	-88	0	30	
2016/17-1	MO-VEN	matrix spike	11/2/2016	Cation	Magnesium	Total	=	64.3	mg/L	EPA 200.7	0.012	0.1			
2016/17-1	MO-VEN	matrix spike, rec	11/2/2016	Cation	Magnesium	Total	=	98	%	EPA 200.7	-88	-88	70	130	
2016/17-1	MO-VEN	matrix spike dup	11/2/2016	Cation	Magnesium	Total	=	64.2	mg/L	EPA 200.7	0.012	0.1			
2016/17-1	MO-VEN	matrix spike dup, rec	11/2/2016	Cation	Magnesium	Total	=	97	%	EPA 200.7	-88	-88	70	130	
2016/17-1	MO-VEN	matrix spike, RPD	11/2/2016	Cation	Magnesium	Total	=	0.1	%	EPA 200.7	-88	-88	0	30	
2016/17-1	Lab	method blank	11/2/2016	Cation	Potassium	Total	<	0.081	mg/L	EPA 200.7	0.081	0.1			
2016/17-1	Lab	LCS	11/2/2016	Cation	Potassium	Total	=	49	mg/L	EPA 200.7	0.081	0.1			
2016/17-1	Lab	LCS, rec	11/2/2016	Cation	Potassium	Total	=	98	%	EPA 200.7	-88	-88	85	115	
2016/17-1	Lab	method blank	11/8/2016	Cation	Potassium	Total	<	0.081	mg/L	EPA 200.7	0.081	0.1			
2016/17-1	Lab	LCS	11/8/2016	Cation	Potassium	Total	=	48.1	mg/L	EPA 200.7	0.081	0.1			
2016/17-1	Lab	LCS, rec	11/8/2016	Cation	Potassium	Total	=	96	%	EPA 200.7	-88	-88	85	115	
2016/17-1	ME-VR2	matrix spike	11/8/2016	Cation	Potassium	Total	=	54.4	mg/L	EPA 200.7	0.081	0.1			
2016/17-1	ME-VR2	matrix spike, rec	11/8/2016	Cation	Potassium	Total	=	100	%	EPA 200.7	-88	-88	70	130	
2016/17-1	ME-VR2	matrix spike dup	11/8/2016	Cation	Potassium	Total	=	55	mg/L	EPA 200.7	0.081	0.1			
2016/17-1	ME-VR2	matrix spike dup, rec	11/8/2016	Cation	Potassium	Total	=	101	%	EPA 200.7	-88	-88	70	130	

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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	
2016/17-1	ME-VR2	matrix spike, RPD	11/8/2016	Cation	Potassium	Total	=	1	%	EPA 200.7	-88	-88	0	30	
2016/17-1	MO-SPA	matrix spike	11/2/2016	Cation	Potassium	Total	=	58.9	mg/L	EPA 200.7	0.081	0.1			
2016/17-1	MO-SPA	matrix spike, rec	11/2/2016	Cation	Potassium	Total	=	97	%	EPA 200.7	-88	-88	70	130	
2016/17-1	MO-SPA	matrix spike dup	11/2/2016	Cation	Potassium	Total	=	59.1	mg/L	EPA 200.7	0.081	0.1			
2016/17-1	MO-SPA	matrix spike dup, rec	11/2/2016	Cation	Potassium	Total	=	97	%	EPA 200.7	-88	-88	70	130	
2016/17-1	MO-SPA	matrix spike, RPD	11/2/2016	Cation	Potassium	Total	=	0.3	%	EPA 200.7	-88	-88	0	30	
2016/17-1	MO-VEN	matrix spike	11/2/2016	Cation	Potassium	Total	=	61.7	mg/L	EPA 200.7	0.081	0.1			
2016/17-1	MO-VEN	matrix spike, rec	11/2/2016	Cation	Potassium	Total	=	101	%	EPA 200.7	-88	-88	70	130	
2016/17-1	MO-VEN	matrix spike dup	11/2/2016	Cation	Potassium	Total	=	61.6	mg/L	EPA 200.7	0.081	0.1			
2016/17-1	MO-VEN	matrix spike dup, rec	11/2/2016	Cation	Potassium	Total	=	101	%	EPA 200.7	-88	-88	70	130	
2016/17-1	MO-VEN	matrix spike, RPD	11/2/2016	Cation	Potassium	Total	=	0.3	%	EPA 200.7	-88	-88	0	30	
2016/17-1	Lab	method blank	11/2/2016	Cation	Sodium	Total	DNQ	0.0169	mg/L	EPA 200.7	0.015	0.5			IP
2016/17-1	Lab	LCS	11/2/2016	Cation	Sodium	Total	=	46.8	mg/L	EPA 200.7	0.015	0.5			
2016/17-1	Lab	LCS, rec	11/2/2016	Cation	Sodium	Total	=	93	%	EPA 200.7	-88	-88	85	115	
2016/17-1	Lab	method blank	11/8/2016	Cation	Sodium	Total	DNQ	0.0782	mg/L	EPA 200.7	0.015	0.5			IP
2016/17-1	Lab	LCS	11/8/2016	Cation	Sodium	Total	=	46.9	mg/L	EPA 200.7	0.015	0.5			
2016/17-1	Lab	LCS, rec	11/8/2016	Cation	Sodium	Total	=	94	%	EPA 200.7	-88	-88	85	115	
2016/17-1	ME-VR2	matrix spike	11/8/2016	Cation	Sodium	Total	=	129	mg/L	EPA 200.7	0.015	0.5			
2016/17-1	ME-VR2	matrix spike, rec	11/8/2016	Cation	Sodium	Total	=	90	%	EPA 200.7	-88	-88	70	130	
2016/17-1	ME-VR2	matrix spike dup	11/8/2016	Cation	Sodium	Total	=	130	mg/L	EPA 200.7	0.015	0.5			
2016/17-1	ME-VR2	matrix spike dup, rec	11/8/2016	Cation	Sodium	Total	=	93	%	EPA 200.7	-88	-88	70	130	
2016/17-1	ME-VR2	matrix spike, RPD	11/8/2016	Cation	Sodium	Total	=	0.9	%	EPA 200.7	-88	-88	0	30	
2016/17-1	MO-SPA	matrix spike	11/2/2016	Cation	Sodium	Total	=	57.5	mg/L	EPA 200.7	0.015	0.5			
2016/17-1	MO-SPA	matrix spike, rec	11/2/2016	Cation	Sodium	Total	=	92	%	EPA 200.7	-88	-88	70	130	
2016/17-1	MO-SPA	matrix spike dup	11/2/2016	Cation	Sodium	Total	=	57.5	mg/L	EPA 200.7	0.015	0.5			
2016/17-1	MO-SPA	matrix spike dup, rec	11/2/2016	Cation	Sodium	Total	=	92	%	EPA 200.7	-88	-88	70	130	
2016/17-1	MO-SPA	matrix spike, RPD	11/2/2016	Cation	Sodium	Total	=	0.1	%	EPA 200.7	-88	-88	0	30	
2016/17-1	MO-VEN	matrix spike	11/2/2016	Cation	Sodium	Total	=	79.7	mg/L	EPA 200.7	0.015	0.5			
2016/17-1	MO-VEN	matrix spike, rec	11/2/2016	Cation	Sodium	Total	=	95	%	EPA 200.7	-88	-88	70	130	
2016/17-1	MO-VEN	matrix spike dup	11/2/2016	Cation	Sodium	Total	=	79.4	mg/L	EPA 200.7	0.015	0.5			
2016/17-1	MO-VEN	matrix spike dup, rec	11/2/2016	Cation	Sodium	Total	=	95	%	EPA 200.7	-88	-88	70	130	
2016/17-1	MO-VEN	matrix spike, RPD	11/2/2016	Cation	Sodium	Total	=	0.4	%	EPA 200.7	-88	-88	0	30	
2016/17-1	000NONPJ	lab duplicate	11/3/2016	Conventional	Alkalinity as CaCO3	n/a	=	636	mg/L	SM 2320 B	0.56	10		15	
2016/17-1	Lab	LCS	11/3/2016	Conventional	Alkalinity as CaCO3	n/a	=	243	mg/L	SM 2320 B	0.56	10			
2016/17-1	Lab	LCS, rec	11/3/2016	Conventional	Alkalinity as CaCO3	n/a	=	97	%	SM 2320 B	-88	-88	94	108	
2016/17-1	Lab	method blank	11/3/2016	Conventional	Alkalinity as CaCO3	n/a	DNQ	3.75	mg/L	SM 2320 B	0.56	10			IP
2016/17-1	000NONPJ	lab duplicate	11/3/2016	Conventional	BOD	n/a	=	8.02	mg/L	SM 5210 B	2	2		20	
2016/17-1	Lab	LCS	11/3/2016	Conventional	BOD	n/a	=	190	mg/L	SM 5210 B	2	2			
2016/17-1	Lab	LCS, rec	11/3/2016	Conventional	BOD	n/a	=	96	%	SM 5210 B	-88	-88	85	115	
2016/17-1	000NONPJ	lab duplicate	11/3/2016	Conventional	COD	n/a	=	2980	mg/L	EPA 410.4	2.9	20		15	
2016/17-1	000NONPJ	matrix spike	11/3/2016	Conventional	COD	n/a	=	221	mg/L	EPA 410.4	1.5	10			
2016/17-1	000NONPJ	matrix spike	11/3/2016	Conventional	COD	n/a	=	237	mg/L	EPA 410.4	1.5	10			
2016/17-1	000NONPJ	matrix spike dup	11/3/2016	Conventional	COD	n/a	=	228	mg/L	EPA 410.4	1.5	10			
2016/17-1	000NONPJ	matrix spike dup	11/3/2016	Conventional	COD	n/a	=	218	mg/L	EPA 410.4	1.5	10			
2016/17-1	000NONPJ	matrix spike dup, rec	11/3/2016	Conventional	COD	n/a	=	98	%	EPA 410.4	-88	-88	90	110	
2016/17-1	000NONPJ	matrix spike dup, rec	11/3/2016	Conventional	COD	n/a	=	104	%	EPA 410.4	-88	-88	90	110	
2016/17-1	000NONPJ	matrix spike, rec	11/3/2016	Conventional	COD	n/a	=	101	%	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	
2016/17-1	000NONPJ	matrix spike, rec	11/3/2016	Conventional	COD	n/a	=	108	%	EPA 410.4	-88	-88	90	110	
2016/17-1	000NONPJ	matrix spike, RPD	11/3/2016	Conventional	COD	n/a	=	3	%	EPA 410.4	-88	-88	0	15	
2016/17-1	000NONPJ	matrix spike, RPD	11/3/2016	Conventional	COD	n/a	=	8	%	EPA 410.4	-88	-88	0	15	
2016/17-1	000NONPJ	lab duplicate	11/9/2016	Conventional	COD	n/a	=	1290	mg/L	EPA 410.4	1.5	10		15	
2016/17-1	000NONPJ	matrix spike	11/9/2016	Conventional	COD	n/a	=	210	mg/L	EPA 410.4	1.5	10			
2016/17-1	000NONPJ	matrix spike	11/9/2016	Conventional	COD	n/a	=	206	mg/L	EPA 410.4	1.5	10			
2016/17-1	000NONPJ	matrix spike dup	11/9/2016	Conventional	COD	n/a	=	223	mg/L	EPA 410.4	1.5	10			
2016/17-1	000NONPJ	matrix spike dup	11/9/2016	Conventional	COD	n/a	=	202	mg/L	EPA 410.4	1.5	10			
2016/17-1	000NONPJ	matrix spike dup, rec	11/9/2016	Conventional	COD	n/a	=	100	%	EPA 410.4	-88	-88	90	110	
2016/17-1	000NONPJ	matrix spike dup, rec	11/9/2016	Conventional	COD	n/a	=	107	%	EPA 410.4	-88	-88	90	110	
2016/17-1	000NONPJ	matrix spike, rec	11/9/2016	Conventional	COD	n/a	=	102	%	EPA 410.4	-88	-88	90	110	
2016/17-1	000NONPJ	matrix spike, rec	11/9/2016	Conventional	COD	n/a	=	101	%	EPA 410.4	-88	-88	90	110	
2016/17-1	000NONPJ	matrix spike, RPD	11/9/2016	Conventional	COD	n/a	=	2	%	EPA 410.4	-88	-88	0	15	
2016/17-1	000NONPJ	matrix spike, RPD	11/9/2016	Conventional	COD	n/a	=	6	%	EPA 410.4	-88	-88	0	15	
2016/17-1	Lab	LCS	11/3/2016	Conventional	COD	n/a	=	107	mg/L	EPA 410.4	0.73	5			
2016/17-1	Lab	LCS, rec	11/3/2016	Conventional	COD	n/a	=	107	%	EPA 410.4	-88	-88	90	110	
2016/17-1	Lab	method blank	11/3/2016	Conventional	COD	n/a	DNQ	2.02	mg/L	EPA 410.4	0.73	5			IP
2016/17-1	Lab	LCS	11/9/2016	Conventional	COD	n/a	=	96.9	mg/L	EPA 410.4	0.73	5			
2016/17-1	Lab	LCS, rec	11/9/2016	Conventional	COD	n/a	=	97	%	EPA 410.4	-88	-88	90	110	
2016/17-1	Lab	method blank	11/9/2016	Conventional	COD	n/a	DNQ	2.59	mg/L	EPA 410.4	0.73	5			IP
2016/17-1	Lab	LCS	11/10/2016	Conventional	Cyanide	Total	=	0.052	mg/L	ASTM D7511	0.0005	0.002			
2016/17-1	Lab	LCS, rec	11/10/2016	Conventional	Cyanide	Total	=	104	%	ASTM D7511	-88	-88	84	116	
2016/17-1	Lab	method blank	11/10/2016	Conventional	Cyanide	Total	<	0.0005	mg/L	ASTM D7511	0.0005	0.002			
2016/17-1	ME-CC	matrix spike	11/10/2016	Conventional	Cyanide	Total	=	0.0531	mg/L	ASTM D7511	0.0005	0.002			
2016/17-1	ME-CC	matrix spike dup	11/10/2016	Conventional	Cyanide	Total	=	0.0532	mg/L	ASTM D7511	0.0005	0.002			
2016/17-1	ME-CC	matrix spike dup, rec	11/10/2016	Conventional	Cyanide	Total	=	103	%	ASTM D7511	-88	-88	64	136	
2016/17-1	ME-CC	matrix spike, rec	11/10/2016	Conventional	Cyanide	Total	=	103	%	ASTM D7511	-88	-88	64	136	
2016/17-1	ME-CC	matrix spike, RPD	11/10/2016	Conventional	Cyanide	Total	=	0.2	%	ASTM D7511	-88	-88	0	47	
2016/17-1	ME-VR2	matrix spike	11/10/2016	Conventional	Cyanide	Total	=	0.0533	mg/L	ASTM D7511	0.0005	0.002			
2016/17-1	ME-VR2	matrix spike dup	11/10/2016	Conventional	Cyanide	Total	=	0.0539	mg/L	ASTM D7511	0.0005	0.002			
2016/17-1	ME-VR2	matrix spike dup, rec	11/10/2016	Conventional	Cyanide	Total	=	107	%	ASTM D7511	-88	-88	64	136	
2016/17-1	ME-VR2	matrix spike, rec	11/10/2016	Conventional	Cyanide	Total	=	105	%	ASTM D7511	-88	-88	64	136	
2016/17-1	ME-VR2	matrix spike, RPD	11/10/2016	Conventional	Cyanide	Total	=	1	%	ASTM D7511	-88	-88	0	47	
2016/17-1	MO-VEN	field duplicate	11/10/2016	Conventional	Cyanide	Total	=	0.004	mg/L	ASTM D7511	0.0005	0.002			FDP
2016/17-1	Lab	LCS	11/7/2016	Conventional	Dissolved Inorganic Carbon	Dissolved	=	5.34	mg/L	SM 5310 C	0.5	0.5			
2016/17-1	Lab	LCS dup	11/7/2016	Conventional	Dissolved Inorganic Carbon	Dissolved	=	4.63	mg/L	SM 5310 C	0.5	0.5			
2016/17-1	Lab	LCS dup, rec	11/7/2016	Conventional	Dissolved Inorganic Carbon	Dissolved	=	93	%	SM 5310 C	-88	-88	85	115	
2016/17-1	Lab	LCS, rec	11/7/2016	Conventional	Dissolved Inorganic Carbon	Dissolved	=	107	%	SM 5310 C	-88	-88	85	115	
2016/17-1	Lab	LCS, RPD	11/7/2016	Conventional	Dissolved Inorganic Carbon	Dissolved	=	14	%	SM 5310 C	-88	-88	0	20	
2016/17-1	Lab	method blank	11/7/2016	Conventional	Dissolved Inorganic Carbon	Dissolved	<	0.5	mg/L	SM 5310 C	0.5	0.5			
2016/17-1	Lab	LCS	11/3/2016	Conventional	Dissolved Organic Carbon	Dissolved	=	9.76	mg/L	SM 5310 C	0.013	0.3			
2016/17-1	Lab	LCS, rec	11/3/2016	Conventional	Dissolved Organic Carbon	Dissolved	=	98	%	SM 5310 C	-88	-88	85	115	
2016/17-1	Lab	method blank	11/3/2016	Conventional	Dissolved Organic Carbon	Dissolved	DNQ	0.0511	mg/L	SM 5310 C	0.013	0.3			IP
2016/17-1	MO-MEI	matrix spike	11/3/2016	Conventional	Dissolved Organic Carbon	Dissolved	=	267	mg/L	SM 5310 C	0.52	12			
2016/17-1	MO-MEI	matrix spike dup	11/3/2016	Conventional	Dissolved Organic Carbon	Dissolved	=	277	mg/L	SM 5310 C	0.52	12			
2016/17-1	MO-MEI	matrix spike dup, rec	11/3/2016	Conventional	Dissolved Organic Carbon	Dissolved	=	101	%	SM 5310 C	-88	-88	75	113	
2016/17-1	MO-MEI	matrix spike, rec	11/3/2016	Conventional	Dissolved Organic Carbon	Dissolved	=	96	%	SM 5310 C	-88	-88	75	113	

Appendix F
Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2016/17-1	MO-MEI	matrix spike, RPD	11/3/2016	Conventional	Dissolved Organic Carbon	Dissolved	=	4	%	SM 5310 C	-88	-88	0	20	
2016/17-1	000NONPJ	matrix spike	10/29/2016	Conventional	MBAS	n/a	=	0.246	mg/L	SM 5540 C	0.019	0.05			
2016/17-1	000NONPJ	matrix spike dup	10/29/2016	Conventional	MBAS	n/a	=	0.245	mg/L	SM 5540 C	0.019	0.05			
2016/17-1	000NONPJ	matrix spike dup, rec	10/29/2016	Conventional	MBAS	n/a	=	106	%	SM 5540 C	-88	-88	74	123	
2016/17-1	000NONPJ	matrix spike, rec	10/29/2016	Conventional	MBAS	n/a	=	107	%	SM 5540 C	-88	-88	74	123	
2016/17-1	000NONPJ	matrix spike, RPD	10/29/2016	Conventional	MBAS	n/a	=	0.3	%	SM 5540 C	-88	-88	0	20	
2016/17-1	Lab	LCS	10/29/2016	Conventional	MBAS	n/a	=	0.196	mg/L	SM 5540 C	0.019	0.05			
2016/17-1	Lab	LCS, rec	10/29/2016	Conventional	MBAS	n/a	=	98	%	SM 5540 C	-88	-88	82	115	
2016/17-1	Lab	method blank	10/29/2016	Conventional	MBAS	n/a	<	0.019	mg/L	SM 5540 C	0.019	0.05			
2016/17-1	Lab	LCS	10/29/2016	Conventional	MBAS	n/a	=	0.193	mg/L	SM 5540 C	0.019	0.05			
2016/17-1	Lab	LCS, rec	10/29/2016	Conventional	MBAS	n/a	=	97	%	SM 5540 C	-88	-88	82	115	
2016/17-1	Lab	method blank	10/29/2016	Conventional	MBAS	n/a	<	0.019	mg/L	SM 5540 C	0.019	0.05			
2016/17-1	ME-CC	matrix spike	10/29/2016	Conventional	MBAS	n/a	=	0.272	mg/L	SM 5540 C	0.019	0.05			
2016/17-1	ME-CC	matrix spike dup	10/29/2016	Conventional	MBAS	n/a	=	0.272	mg/L	SM 5540 C	0.019	0.05			
2016/17-1	ME-CC	matrix spike dup, rec	10/29/2016	Conventional	MBAS	n/a	=	95	%	SM 5540 C	-88	-88	74	123	
2016/17-1	ME-CC	matrix spike, rec	10/29/2016	Conventional	MBAS	n/a	=	95	%	SM 5540 C	-88	-88	74	123	
2016/17-1	ME-CC	matrix spike, RPD	10/29/2016	Conventional	MBAS	n/a	=	0.01	%	SM 5540 C	-88	-88	0	20	
2016/17-1	000NONPJ	matrix spike	11/3/2016	Conventional	Phenolics	n/a	=	0.237	mg/L	EPA 420.4	0.0042	0.01			
2016/17-1	000NONPJ	matrix spike, rec	11/3/2016	Conventional	Phenolics	n/a	=	92	%	EPA 420.4	-88	-88	90	110	
2016/17-1	000NONPJ	matrix spike dup	11/3/2016	Conventional	Phenolics	n/a	=	0.237	mg/L	EPA 420.4	0.0042	0.01			
2016/17-1	000NONPJ	matrix spike dup, rec	11/3/2016	Conventional	Phenolics	n/a	=	92	%	EPA 420.4	-88	-88	90	110	
2016/17-1	000NONPJ	matrix spike, RPD	11/3/2016	Conventional	Phenolics	n/a	=	0.2	%	EPA 420.4	-88	-88	0	20	
2016/17-1	Lab	method blank	11/3/2016	Conventional	Phenolics	n/a	<	0.0042	mg/L	EPA 420.4	0.0042	0.01			
2016/17-1	Lab	LCS	11/3/2016	Conventional	Phenolics	n/a	=	0.101	mg/L	EPA 420.4	0.0042	0.01			
2016/17-1	Lab	LCS, rec	11/3/2016	Conventional	Phenolics	n/a	=	101	%	EPA 420.4	-88	-88	90	110	
2016/17-1	Lab	method blank	11/4/2016	Conventional	Phenolics	n/a	<	0.0042	mg/L	EPA 420.4	0.0042	0.01			
2016/17-1	Lab	LCS	11/4/2016	Conventional	Phenolics	n/a	=	0.101	mg/L	EPA 420.4	0.0042	0.01			
2016/17-1	Lab	LCS, rec	11/4/2016	Conventional	Phenolics	n/a	=	101	%	EPA 420.4	-88	-88	90	110	
2016/17-1	ME-VR2	matrix spike	11/4/2016	Conventional	Phenolics	n/a	=	0.241	mg/L	EPA 420.4	0.0042	0.01			
2016/17-1	ME-VR2	matrix spike, rec	11/4/2016	Conventional	Phenolics	n/a	=	95	%	EPA 420.4	-88	-88	90	110	
2016/17-1	ME-VR2	matrix spike dup	11/4/2016	Conventional	Phenolics	n/a	=	0.243	mg/L	EPA 420.4	0.0042	0.01			
2016/17-1	ME-VR2	matrix spike dup, rec	11/4/2016	Conventional	Phenolics	n/a	=	96	%	EPA 420.4	-88	-88	90	110	
2016/17-1	ME-VR2	matrix spike, RPD	11/4/2016	Conventional	Phenolics	n/a	=	0.7	%	EPA 420.4	-88	-88	0	20	
2016/17-1	000NONPJ	lab duplicate	11/3/2016	Conventional	Specific Conductance	n/a	=	784	µmhos/cm	SM 2510 B	0.23	2		4.28	
2016/17-1	Lab	LCS	10/29/2016	Conventional	Specific Conductance	n/a	=	195	µmhos/cm	SM 2510 B	0.23	2			
2016/17-1	Lab	LCS, rec	10/29/2016	Conventional	Specific Conductance	n/a	=	98	%	SM 2510 B	-88	-88	95	105	
2016/17-1	Lab	method blank	10/29/2016	Conventional	Specific Conductance	n/a	DNQ	0.5	µmhos/cm	SM 2510 B	0.23	2			IP
2016/17-1	Lab	LCS	11/3/2016	Conventional	Specific Conductance	n/a	=	200	µmhos/cm	SM 2510 B	0.23	2			
2016/17-1	Lab	LCS, rec	11/3/2016	Conventional	Specific Conductance	n/a	=	100	%	SM 2510 B	-88	-88	95	105	
2016/17-1	Lab	method blank	11/3/2016	Conventional	Specific Conductance	n/a	DNQ	0.52	µmhos/cm	SM 2510 B	0.23	2			IP
2016/17-1	MO-OJA	lab duplicate	10/29/2016	Conventional	Specific Conductance	n/a	=	120	µmhos/cm	SM 2510 B	0.23	2		4.28	
2016/17-1	Lab	LCS	10/29/2016	Conventional	Total Chlorine Residual	n/a	=	0.185	mg/L	SM 4500-Cl G	0.0015	0.05			
2016/17-1	Lab	LCS, rec	10/29/2016	Conventional	Total Chlorine Residual	n/a	=	92	%	SM 4500-Cl G	-88	-88	85	110	
2016/17-1	Lab	method blank	10/29/2016	Conventional	Total Chlorine Residual	n/a	<	0.0015	mg/L	SM 4500-Cl G	0.0015	0.05			
2016/17-1	ME-CC	matrix spike	10/29/2016	Conventional	Total Chlorine Residual	n/a	=	0.389	mg/L	SM 4500-Cl G	0.003	0.1			
2016/17-1	ME-CC	matrix spike dup	10/29/2016	Conventional	Total Chlorine Residual	n/a	=	0.393	mg/L	SM 4500-Cl G	0.003	0.1			
2016/17-1	ME-CC	matrix spike dup, rec	10/29/2016	Conventional	Total Chlorine Residual	n/a	=	87	%	SM 4500-Cl G	-88	-88	78	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	
2016/17-1	ME-CC	matrix spike, rec	10/29/2016	Conventional	Total Chlorine Residual	n/a	=	86	%	SM 4500-Cl G	-88	-88	78	114	
2016/17-1	ME-CC	matrix spike, RPD	10/29/2016	Conventional	Total Chlorine Residual	n/a	=	1	%	SM 4500-Cl G	-88	-88	0	15	
2016/17-1	000NONPJ	lab duplicate	11/1/2016	Conventional	Total Dissolved Solids	n/a	=	1820	mg/L	SM 2540 C	4	10		10	
2016/17-1	Lab	LCS	11/1/2016	Conventional	Total Dissolved Solids	n/a	=	795	mg/L	SM 2540 C	4	10			
2016/17-1	Lab	LCS, rec	11/1/2016	Conventional	Total Dissolved Solids	n/a	=	96	%	SM 2540 C	-88	-88	96	102	
2016/17-1	Lab	method blank	11/1/2016	Conventional	Total Dissolved Solids	n/a	<	4	mg/L	SM 2540 C	4	10			
2016/17-1	MO-THO	lab duplicate	11/1/2016	Conventional	Total Dissolved Solids	n/a	=	1270	mg/L	SM 2540 C	4	10		10	
2016/17-1	000NONPJ	matrix spike	11/2/2016	Conventional	Total Organic Carbon	n/a	=	4.94	mg/L	SM 5310 C	0.009	0.3			
2016/17-1	000NONPJ	matrix spike dup	11/2/2016	Conventional	Total Organic Carbon	n/a	=	5.3	mg/L	SM 5310 C	0.009	0.3			
2016/17-1	000NONPJ	matrix spike dup, rec	11/2/2016	Conventional	Total Organic Carbon	n/a	=	102	%	SM 5310 C	-88	-88	80	116	
2016/17-1	000NONPJ	matrix spike, rec	11/2/2016	Conventional	Total Organic Carbon	n/a	=	95	%	SM 5310 C	-88	-88	80	116	
2016/17-1	000NONPJ	matrix spike, RPD	11/2/2016	Conventional	Total Organic Carbon	n/a	=	7	%	SM 5310 C	-88	-88	0	20	
2016/17-1	Lab	LCS	11/2/2016	Conventional	Total Organic Carbon	n/a	=	9.81	mg/L	SM 5310 C	0.009	0.3			
2016/17-1	Lab	LCS	11/2/2016	Conventional	Total Organic Carbon	n/a	=	4.98	mg/L	SM 5310 C	0.009	0.3			
2016/17-1	Lab	LCS, rec	11/2/2016	Conventional	Total Organic Carbon	n/a	=	98	%	SM 5310 C	-88	-88	85	115	
2016/17-1	Lab	LCS, rec	11/2/2016	Conventional	Total Organic Carbon	n/a	=	100	%	SM 5310 C	-88	-88	85	115	
2016/17-1	Lab	method blank	11/2/2016	Conventional	Total Organic Carbon	n/a	DNQ	0.0595	mg/L	SM 5310 C	0.009	0.3			IP
2016/17-1	Lab	method blank	11/2/2016	Conventional	Total Organic Carbon	n/a	DNQ	0.0568	mg/L	SM 5310 C	0.009	0.3			IP
2016/17-1	000NONPJ	lab duplicate	11/3/2016	Conventional	Total Suspended Solids	n/a	=	43	mg/L	SM 2540 D	-88	5		20	
2016/17-1	000NONPJ	lab duplicate	11/3/2016	Conventional	Total Suspended Solids	n/a	=	25	mg/L	SM 2540 D	-88	5		20	
2016/17-1	Lab	LCS	11/3/2016	Conventional	Total Suspended Solids	n/a	=	55	mg/L	SM 2540 D	-88	5			
2016/17-1	Lab	LCS, rec	11/3/2016	Conventional	Total Suspended Solids	n/a	=	101	%	SM 2540 D	-88	-88	90	110	
2016/17-1	Lab	method blank	11/3/2016	Conventional	Total Suspended Solids	n/a	<	5	mg/L	SM 2540 D	-88	5			
2016/17-1	Lab	LCS	10/29/2016	Conventional	Turbidity	n/a	=	14.7	NTU	EPA 180.1	0.024	0.1			
2016/17-1	Lab	LCS, rec	10/29/2016	Conventional	Turbidity	n/a	=	91	%	EPA 180.1	-88	-88	90	110	
2016/17-1	Lab	method blank	10/29/2016	Conventional	Turbidity	n/a	<	0.024	NTU	EPA 180.1	0.024	0.1			
2016/17-1	Lab	LCS	10/29/2016	Conventional	Turbidity	n/a	=	16.7	NTU	EPA 180.1	0.024	0.1			
2016/17-1	Lab	LCS, rec	10/29/2016	Conventional	Turbidity	n/a	=	104	%	EPA 180.1	-88	-88	90	110	
2016/17-1	Lab	method blank	10/29/2016	Conventional	Turbidity	n/a	<	0.024	NTU	EPA 180.1	0.024	0.1			
2016/17-1	ME-VR2	lab duplicate	10/29/2016	Conventional	Turbidity	n/a	=	20.6	NTU	EPA 180.1	0.024	0.1		10	
2016/17-1	MO-OXN	lab duplicate	10/29/2016	Conventional	Turbidity	n/a	=	169	NTU	EPA 180.1	0.24	1		10	
2016/17-1	000NONPJ	lab duplicate	11/3/2016	Conventional	Volatile Suspended Solids	n/a	=	8	mg/L	EPA 160.4	3.1	5		15	
2016/17-1	000NONPJ	lab duplicate	11/3/2016	Conventional	Volatile Suspended Solids	n/a	=	5	mg/L	EPA 160.4	3.1	5		15	
2016/17-1	Lab	method blank	11/3/2016	Conventional	Volatile Suspended Solids	n/a	<	3.1	mg/L	EPA 160.4	3.1	5			
2016/17-1	Lab	method blank	11/28/2016	Hydrocarbon	Diesel Range Organics	n/a	<	0.024	mg/L	EPA 8015B	0.024	0.1			
2016/17-1	Lab	LCS	11/28/2016	Hydrocarbon	Diesel Range Organics	n/a	=	0.489	mg/L	EPA 8015B	0.024	0.1			
2016/17-1	Lab	LCS, rec	11/28/2016	Hydrocarbon	Diesel Range Organics	n/a	=	98	%	EPA 8015B	-88	-88	56	136	
2016/17-1	Lab	LCS dup	11/28/2016	Hydrocarbon	Diesel Range Organics	n/a	=	0.548	mg/L	EPA 8015B	0.024	0.1			
2016/17-1	Lab	LCS dup, rec	11/28/2016	Hydrocarbon	Diesel Range Organics	n/a	=	110	%	EPA 8015B	-88	-88	56	136	
2016/17-1	Lab	LCS, RPD	11/28/2016	Hydrocarbon	Diesel Range Organics	n/a	=	12	%	EPA 8015B	-88	-88	0	25	
2016/17-1	Lab	LCS	11/2/2016	Hydrocarbon	Gasoline Range Organics	n/a	=	0.925	mg/L	EPA 8015B	0.044	0.1			
2016/17-1	Lab	LCS, rec	11/2/2016	Hydrocarbon	Gasoline Range Organics	n/a	=	92	%	EPA 8015B	-88	-88	75	123	
2016/17-1	Lab	LCS dup	11/2/2016	Hydrocarbon	Gasoline Range Organics	n/a	=	0.979	mg/L	EPA 8015B	0.044	0.1			
2016/17-1	Lab	LCS dup, rec	11/2/2016	Hydrocarbon	Gasoline Range Organics	n/a	=	98	%	EPA 8015B	-88	-88	75	123	
2016/17-1	Lab	LCS, RPD	11/2/2016	Hydrocarbon	Gasoline Range Organics	n/a	=	6	%	EPA 8015B	-88	-88	0	25	
2016/17-1	Lab	method blank	11/2/2016	Hydrocarbon	Gasoline Range Organics	n/a	DNQ	0.06	mg/L	EPA 8015B	0.044	0.1			IP
2016/17-1	Lab	LCS	11/4/2016	Hydrocarbon	Gasoline Range Organics	n/a	=	1.07	mg/L	EPA 8015B	0.044	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	
2016/17-1	Lab	LCS, rec	11/4/2016	Hydrocarbon	Gasoline Range Organics	n/a	=	107	%	EPA 8015B	-88	-88	75	123	
2016/17-1	Lab	LCS dup	11/4/2016	Hydrocarbon	Gasoline Range Organics	n/a	=	1.15	mg/L	EPA 8015B	0.044	0.1			
2016/17-1	Lab	LCS dup, rec	11/4/2016	Hydrocarbon	Gasoline Range Organics	n/a	=	115	%	EPA 8015B	-88	-88	75	123	
2016/17-1	Lab	LCS, RPD	11/4/2016	Hydrocarbon	Gasoline Range Organics	n/a	=	7	%	EPA 8015B	-88	-88	0	25	
2016/17-1	Lab	method blank	11/4/2016	Hydrocarbon	Gasoline Range Organics	n/a	DNQ	0.056	mg/L	EPA 8015B	0.044	0.1			
2016/17-1	MO-VEN	field duplicate	11/3/2016	Hydrocarbon	Gasoline Range Organics	n/a	<	0.044	mg/L	EPA 8015B	0.044	0.1			IP
2016/17-1	Lab	srgt method blank	11/28/2016	Hydrocarbon	n-Tetracosane	n/a	=	0.215	mg/L	EPA 8015B	-88	-88			
2016/17-1	Lab	srgt method blank, rec	11/28/2016	Hydrocarbon	n-Tetracosane	n/a	=	86	%	EPA 8015B	-88	-88	64	155	
2016/17-1	Lab	srgt LCS	11/28/2016	Hydrocarbon	n-Tetracosane	n/a	=	0.209	mg/L	EPA 8015B	-88	-88			
2016/17-1	Lab	srgt LCS, rec	11/28/2016	Hydrocarbon	n-Tetracosane	n/a	=	83	%	EPA 8015B	-88	-88	64	155	
2016/17-1	Lab	srgt LCS dup	11/28/2016	Hydrocarbon	n-Tetracosane	n/a	=	0.227	mg/L	EPA 8015B	-88	-88			
2016/17-1	Lab	srgt LCS dup, rec	11/28/2016	Hydrocarbon	n-Tetracosane	n/a	=	91	%	EPA 8015B	-88	-88	64	155	
2016/17-1	ME-CC	srgt environ	11/28/2016	Hydrocarbon	n-Tetracosane	n/a	=	0.236	mg/L	EPA 8015B	-88	-88			
2016/17-1	ME-CC	srgt environ, rec	11/28/2016	Hydrocarbon	n-Tetracosane	n/a	=	94	%	EPA 8015B	-88	-88	64	155	
2016/17-1	ME-VR2	srgt environ	11/28/2016	Hydrocarbon	n-Tetracosane	n/a	=	0.25	mg/L	EPA 8015B	-88	-88			
2016/17-1	ME-VR2	srgt environ, rec	11/28/2016	Hydrocarbon	n-Tetracosane	n/a	=	100	%	EPA 8015B	-88	-88	64	155	
2016/17-1	MO-FIL	srgt environ	11/28/2016	Hydrocarbon	n-Tetracosane	n/a	=	0.222	mg/L	EPA 8015B	-88	-88			
2016/17-1	MO-FIL	srgt environ, rec	11/28/2016	Hydrocarbon	n-Tetracosane	n/a	=	89	%	EPA 8015B	-88	-88	64	155	
2016/17-1	MO-MEI	srgt environ	11/28/2016	Hydrocarbon	n-Tetracosane	n/a	=	0.2	mg/L	EPA 8015B	-88	-88			
2016/17-1	MO-MEI	srgt environ, rec	11/28/2016	Hydrocarbon	n-Tetracosane	n/a	=	80	%	EPA 8015B	-88	-88	64	155	
2016/17-1	MO-MPK	srgt environ	11/28/2016	Hydrocarbon	n-Tetracosane	n/a	=	0.206	mg/L	EPA 8015B	-88	-88			
2016/17-1	MO-MPK	srgt environ, rec	11/28/2016	Hydrocarbon	n-Tetracosane	n/a	=	79	%	EPA 8015B	-88	-88	64	155	
2016/17-1	MO-OJA	srgt environ	11/28/2016	Hydrocarbon	n-Tetracosane	n/a	=	0.224	mg/L	EPA 8015B	-88	-88			
2016/17-1	MO-OJA	srgt environ, rec	11/28/2016	Hydrocarbon	n-Tetracosane	n/a	=	90	%	EPA 8015B	-88	-88	64	155	
2016/17-1	MO-OXN	srgt environ	11/28/2016	Hydrocarbon	n-Tetracosane	n/a	=	0.205	mg/L	EPA 8015B	-88	-88			
2016/17-1	MO-OXN	srgt environ, rec	11/28/2016	Hydrocarbon	n-Tetracosane	n/a	=	82	%	EPA 8015B	-88	-88	64	155	
2016/17-1	MO-SIM	srgt environ	11/28/2016	Hydrocarbon	n-Tetracosane	n/a	=	0.22	mg/L	EPA 8015B	-88	-88			
2016/17-1	MO-SIM	srgt environ, rec	11/28/2016	Hydrocarbon	n-Tetracosane	n/a	=	88	%	EPA 8015B	-88	-88	64	155	
2016/17-1	MO-SPA	srgt environ	11/28/2016	Hydrocarbon	n-Tetracosane	n/a	=	0.217	mg/L	EPA 8015B	-88	-88			
2016/17-1	MO-SPA	srgt environ, rec	11/28/2016	Hydrocarbon	n-Tetracosane	n/a	=	87	%	EPA 8015B	-88	-88	64	155	
2016/17-1	MO-THO	srgt environ	11/29/2016	Hydrocarbon	n-Tetracosane	n/a	=	0.236	mg/L	EPA 8015B	-88	-88			
2016/17-1	MO-THO	srgt environ, rec	11/29/2016	Hydrocarbon	n-Tetracosane	n/a	=	95	%	EPA 8015B	-88	-88	64	155	
2016/17-1	000NONPJ	matrix spike	11/2/2016	Hydrocarbon	Oil and Grease	n/a	=	20	mg/L	EPA 1664A	1.3	5			
2016/17-1	000NONPJ	matrix spike, rec	11/2/2016	Hydrocarbon	Oil and Grease	n/a	=	85	%	EPA 1664A	-88	-88	78	114	
2016/17-1	000NONPJ	matrix spike	11/7/2016	Hydrocarbon	Oil and Grease	n/a	=	19.7	mg/L	EPA 1664A	1.3	5			
2016/17-1	000NONPJ	matrix spike, rec	11/7/2016	Hydrocarbon	Oil and Grease	n/a	=	81	%	EPA 1664A	-88	-88	78	114	
2016/17-1	Lab	LCS	11/2/2016	Hydrocarbon	Oil and Grease	n/a	DNQ	4.4	mg/L	EPA 1664A	1.3	5			
2016/17-1	Lab	LCS	11/2/2016	Hydrocarbon	Oil and Grease	n/a	=	20.7	mg/L	EPA 1664A	1.3	5			
2016/17-1	Lab	LCS dup	11/2/2016	Hydrocarbon	Oil and Grease	n/a	=	19	mg/L	EPA 1664A	1.3	5			
2016/17-1	Lab	LCS dup, rec	11/2/2016	Hydrocarbon	Oil and Grease	n/a	=	95	%	EPA 1664A	-88	-88	78	114	
2016/17-1	Lab	LCS, rec	11/2/2016	Hydrocarbon	Oil and Grease	n/a	=	104	%	EPA 1664A	-88	-88	78	114	
2016/17-1	Lab	LCS, rec	11/2/2016	Hydrocarbon	Oil and Grease	n/a	=	88	%	EPA 1664A	-88	-88	78	114	
2016/17-1	Lab	LCS, RPD	11/2/2016	Hydrocarbon	Oil and Grease	n/a	=	9	%	EPA 1664A	-88	-88	0	18	
2016/17-1	Lab	method blank	11/2/2016	Hydrocarbon	Oil and Grease	n/a	<	1.3	mg/L	EPA 1664A	1.3	5			
2016/17-1	Lab	LCS	11/7/2016	Hydrocarbon	Oil and Grease	n/a	DNQ	4.2	mg/L	EPA 1664A	1.3	5			
2016/17-1	Lab	LCS	11/7/2016	Hydrocarbon	Oil and Grease	n/a	=	18.6	mg/L	EPA 1664A	1.3	5			
2016/17-1	Lab	LCS dup	11/7/2016	Hydrocarbon	Oil and Grease	n/a	=	19.9	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	
2016/17-1	Lab	LCS dup, rec	11/7/2016	Hydrocarbon	Oil and Grease	n/a	=	100	%	EPA 1664A	-88	-88	78	114	
2016/17-1	Lab	LCS, rec	11/7/2016	Hydrocarbon	Oil and Grease	n/a	=	84	%	EPA 1664A	-88	-88	78	114	
2016/17-1	Lab	LCS, rec	11/7/2016	Hydrocarbon	Oil and Grease	n/a	=	93	%	EPA 1664A	-88	-88	78	114	
2016/17-1	Lab	LCS, RPD	11/7/2016	Hydrocarbon	Oil and Grease	n/a	=	7	%	EPA 1664A	-88	-88	0	18	
2016/17-1	Lab	method blank	11/7/2016	Hydrocarbon	Oil and Grease	n/a	<	1.3	mg/L	EPA 1664A	1.3	5			
2016/17-1	MO-VEN	field duplicate	11/2/2016	Hydrocarbon	Oil and Grease	n/a	DNQ	2.9	mg/L	EPA 1664A	1.3	5			
2016/17-1	Lab	method blank	11/28/2016	Hydrocarbon	Oil Range Organics	n/a	<	0.33	mg/L	EPA 8015B	0.33	0.5			
2016/17-1	Lab	method blank	11/8/2016	Metal	Aluminum	Dissolved	DNQ	1.3	µg/L	EPA 200.8	1.3	5			IP
2016/17-1	Lab	LCS	11/8/2016	Metal	Aluminum	Dissolved	=	49.8	µg/L	EPA 200.8	1.3	5			
2016/17-1	Lab	LCS, rec	11/8/2016	Metal	Aluminum	Dissolved	=	100	%	EPA 200.8	-88	-88	85	115	
2016/17-1	Lab	method blank	11/9/2016	Metal	Aluminum	Dissolved	<	1.3	µg/L	EPA 200.8	1.3	5			
2016/17-1	Lab	LCS	11/9/2016	Metal	Aluminum	Dissolved	=	46.7	µg/L	EPA 200.8	1.3	5			
2016/17-1	Lab	LCS, rec	11/9/2016	Metal	Aluminum	Dissolved	=	93	%	EPA 200.8	-88	-88	85	115	
2016/17-1	Lab	method blank	11/8/2016	Metal	Aluminum	Total	<	1.3	µg/L	EPA 200.8	1.3	5			
2016/17-1	Lab	LCS	11/8/2016	Metal	Aluminum	Total	=	49.8	µg/L	EPA 200.8	1.3	5			
2016/17-1	Lab	LCS, rec	11/8/2016	Metal	Aluminum	Total	=	100	%	EPA 200.8	-88	-88	85	115	
2016/17-1	Lab	method blank	11/9/2016	Metal	Aluminum	Total	<	1.3	µg/L	EPA 200.8	1.3	5			
2016/17-1	Lab	LCS	11/9/2016	Metal	Aluminum	Total	=	48.8	µg/L	EPA 200.8	1.3	5			
2016/17-1	Lab	LCS, rec	11/9/2016	Metal	Aluminum	Total	=	98	%	EPA 200.8	-88	-88	85	115	
2016/17-1	Lab	method blank	11/9/2016	Metal	Aluminum	Total	<	1.3	µg/L	EPA 200.8	1.3	5			
2016/17-1	Lab	LCS	11/9/2016	Metal	Aluminum	Total	=	46.7	µg/L	EPA 200.8	1.3	5			
2016/17-1	Lab	LCS, rec	11/9/2016	Metal	Aluminum	Total	=	93	%	EPA 200.8	-88	-88	85	115	
2016/17-1	MO-MPK	matrix spike	11/8/2016	Metal	Aluminum	Total	=	27700	µg/L	EPA 200.8	6.5	25			GB
2016/17-1	MO-MPK	matrix spike, rec	11/8/2016	Metal	Aluminum	Total	=	1050	%	EPA 200.8	-88	-88	70	130	GB
2016/17-1	MO-MPK	matrix spike dup	11/8/2016	Metal	Aluminum	Total	=	28900	µg/L	EPA 200.8	6.5	25			GB
2016/17-1	MO-MPK	matrix spike dup, rec	11/8/2016	Metal	Aluminum	Total	=	3500	%	EPA 200.8	-88	-88	70	130	GB
2016/17-1	MO-MPK	matrix spike, RPD	11/8/2016	Metal	Aluminum	Total	=	4	%	EPA 200.8	-88	-88	0	30	
2016/17-1	MO-SIM	matrix spike	11/8/2016	Metal	Aluminum	Total	=	8100	µg/L	EPA 200.8	1.3	5			GB
2016/17-1	MO-SIM	matrix spike, rec	11/8/2016	Metal	Aluminum	Total	=	1150	%	EPA 200.8	-88	-88	70	130	GB
2016/17-1	MO-SIM	matrix spike dup	11/8/2016	Metal	Aluminum	Total	=	8260	µg/L	EPA 200.8	1.3	5			GB
2016/17-1	MO-SIM	matrix spike dup, rec	11/8/2016	Metal	Aluminum	Total	=	1460	%	EPA 200.8	-88	-88	70	130	GB
2016/17-1	MO-SIM	matrix spike, RPD	11/8/2016	Metal	Aluminum	Total	=	2	%	EPA 200.8	-88	-88	0	30	
2016/17-1	MO-THO	matrix spike	11/9/2016	Metal	Aluminum	Total	=	8400	µg/L	EPA 200.8	1.3	5			GB
2016/17-1	MO-THO	matrix spike, rec	11/9/2016	Metal	Aluminum	Total	=	916	%	EPA 200.8	-88	-88	70	130	GB
2016/17-1	MO-THO	matrix spike dup	11/9/2016	Metal	Aluminum	Total	=	8100	µg/L	EPA 200.8	1.3	5			GB
2016/17-1	MO-THO	matrix spike dup, rec	11/9/2016	Metal	Aluminum	Total	=	316	%	EPA 200.8	-88	-88	70	130	GB
2016/17-1	MO-THO	matrix spike, RPD	11/9/2016	Metal	Aluminum	Total	=	4	%	EPA 200.8	-88	-88	0	30	
2016/17-1	Lab	method blank	11/8/2016	Metal	Antimony	Dissolved	<	0.045	µg/L	EPA 200.8	0.045	0.5			
2016/17-1	Lab	LCS	11/8/2016	Metal	Antimony	Dissolved	=	48.6	µg/L	EPA 200.8	0.045	0.5			
2016/17-1	Lab	LCS, rec	11/8/2016	Metal	Antimony	Dissolved	=	97	%	EPA 200.8	-88	-88	85	115	
2016/17-1	Lab	method blank	11/9/2016	Metal	Antimony	Dissolved	<	0.045	µg/L	EPA 200.8	0.045	0.5			
2016/17-1	Lab	LCS	11/9/2016	Metal	Antimony	Dissolved	=	47	µg/L	EPA 200.8	0.045	0.5			
2016/17-1	Lab	LCS, rec	11/9/2016	Metal	Antimony	Dissolved	=	94	%	EPA 200.8	-88	-88	85	115	
2016/17-1	Lab	method blank	11/8/2016	Metal	Antimony	Total	<	0.045	µg/L	EPA 200.8	0.045	0.5			
2016/17-1	Lab	LCS	11/8/2016	Metal	Antimony	Total	=	48.6	µg/L	EPA 200.8	0.045	0.5			
2016/17-1	Lab	LCS, rec	11/8/2016	Metal	Antimony	Total	=	97	%	EPA 200.8	-88	-88	85	115	
2016/17-1	Lab	method blank	11/9/2016	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	
2016/17-1	Lab	LCS	11/9/2016	Metal	Antimony	Total	=	47	µg/L	EPA 200.8	0.045	0.5			
2016/17-1	Lab	LCS, rec	11/9/2016	Metal	Antimony	Total	=	94	%	EPA 200.8	-88	-88	85	115	
2016/17-1	MO-MPK	matrix spike	11/8/2016	Metal	Antimony	Total	=	21	µg/L	EPA 200.8	0.22	2.5			GB
2016/17-1	MO-MPK	matrix spike, rec	11/8/2016	Metal	Antimony	Total	=	38	%	EPA 200.8	-88	-88	70	130	GB
2016/17-1	MO-MPK	matrix spike dup	11/8/2016	Metal	Antimony	Total	=	20.4	µg/L	EPA 200.8	0.22	2.5			GB
2016/17-1	MO-MPK	matrix spike dup, rec	11/8/2016	Metal	Antimony	Total	=	37	%	EPA 200.8	-88	-88	70	130	GB
2016/17-1	MO-MPK	matrix spike, RPD	11/8/2016	Metal	Antimony	Total	=	3	%	EPA 200.8	-88	-88	0	30	
2016/17-1	MO-SIM	matrix spike	11/8/2016	Metal	Antimony	Total	=	38.5	µg/L	EPA 200.8	0.045	0.5			GB
2016/17-1	MO-SIM	matrix spike, rec	11/8/2016	Metal	Antimony	Total	=	69	%	EPA 200.8	-88	-88	70	130	GB
2016/17-1	MO-SIM	matrix spike dup	11/8/2016	Metal	Antimony	Total	=	40.2	µg/L	EPA 200.8	0.045	0.5			
2016/17-1	MO-SIM	matrix spike dup, rec	11/8/2016	Metal	Antimony	Total	=	73	%	EPA 200.8	-88	-88	70	130	
2016/17-1	MO-SIM	matrix spike, RPD	11/8/2016	Metal	Antimony	Total	=	4	%	EPA 200.8	-88	-88	0	30	
2016/17-1	MO-THO	matrix spike	11/9/2016	Metal	Antimony	Total	=	30.8	µg/L	EPA 200.8	0.045	0.5			GB
2016/17-1	MO-THO	matrix spike, rec	11/9/2016	Metal	Antimony	Total	=	60	%	EPA 200.8	-88	-88	70	130	GB
2016/17-1	MO-THO	matrix spike dup	11/9/2016	Metal	Antimony	Total	=	30.8	µg/L	EPA 200.8	0.045	0.5			GB
2016/17-1	MO-THO	matrix spike dup, rec	11/9/2016	Metal	Antimony	Total	=	60	%	EPA 200.8	-88	-88	70	130	GB
2016/17-1	MO-THO	matrix spike, RPD	11/9/2016	Metal	Antimony	Total	=	0.2	%	EPA 200.8	-88	-88	0	30	
2016/17-1	Lab	method blank	11/8/2016	Metal	Arsenic	Dissolved	<	0.074	µg/L	EPA 200.8	0.074	0.4			
2016/17-1	Lab	LCS	11/8/2016	Metal	Arsenic	Dissolved	=	50.2	µg/L	EPA 200.8	0.074	0.4			
2016/17-1	Lab	LCS, rec	11/8/2016	Metal	Arsenic	Dissolved	=	100	%	EPA 200.8	-88	-88	85	115	
2016/17-1	Lab	method blank	11/9/2016	Metal	Arsenic	Dissolved	<	0.074	µg/L	EPA 200.8	0.074	0.4			
2016/17-1	Lab	LCS	11/9/2016	Metal	Arsenic	Dissolved	=	48.9	µg/L	EPA 200.8	0.074	0.4			
2016/17-1	Lab	LCS, rec	11/9/2016	Metal	Arsenic	Dissolved	=	98	%	EPA 200.8	-88	-88	85	115	
2016/17-1	Lab	method blank	11/8/2016	Metal	Arsenic	Total	<	0.074	µg/L	EPA 200.8	0.074	0.4			
2016/17-1	Lab	LCS	11/8/2016	Metal	Arsenic	Total	=	50.2	µg/L	EPA 200.8	0.074	0.4			
2016/17-1	Lab	LCS, rec	11/8/2016	Metal	Arsenic	Total	=	100	%	EPA 200.8	-88	-88	85	115	
2016/17-1	Lab	method blank	11/9/2016	Metal	Arsenic	Total	<	0.074	µg/L	EPA 200.8	0.074	0.4			
2016/17-1	Lab	LCS	11/9/2016	Metal	Arsenic	Total	=	48.9	µg/L	EPA 200.8	0.074	0.4			
2016/17-1	Lab	LCS, rec	11/9/2016	Metal	Arsenic	Total	=	98	%	EPA 200.8	-88	-88	85	115	
2016/17-1	MO-MPK	matrix spike	11/8/2016	Metal	Arsenic	Total	=	53.2	µg/L	EPA 200.8	0.37	2			
2016/17-1	MO-MPK	matrix spike, rec	11/8/2016	Metal	Arsenic	Total	=	88	%	EPA 200.8	-88	-88	70	130	
2016/17-1	MO-MPK	matrix spike dup	11/8/2016	Metal	Arsenic	Total	=	54.3	µg/L	EPA 200.8	0.37	2			
2016/17-1	MO-MPK	matrix spike dup, rec	11/8/2016	Metal	Arsenic	Total	=	90	%	EPA 200.8	-88	-88	70	130	
2016/17-1	MO-MPK	matrix spike, RPD	11/8/2016	Metal	Arsenic	Total	=	2	%	EPA 200.8	-88	-88	0	30	
2016/17-1	MO-SIM	matrix spike	11/8/2016	Metal	Arsenic	Total	=	56.2	µg/L	EPA 200.8	0.074	0.4			
2016/17-1	MO-SIM	matrix spike, rec	11/8/2016	Metal	Arsenic	Total	=	98	%	EPA 200.8	-88	-88	70	130	
2016/17-1	MO-SIM	matrix spike dup	11/8/2016	Metal	Arsenic	Total	=	56.8	µg/L	EPA 200.8	0.074	0.4			
2016/17-1	MO-SIM	matrix spike dup, rec	11/8/2016	Metal	Arsenic	Total	=	99	%	EPA 200.8	-88	-88	70	130	
2016/17-1	MO-SIM	matrix spike, RPD	11/8/2016	Metal	Arsenic	Total	=	1	%	EPA 200.8	-88	-88	0	30	
2016/17-1	MO-THO	matrix spike	11/9/2016	Metal	Arsenic	Total	=	52.9	µg/L	EPA 200.8	0.074	0.4			
2016/17-1	MO-THO	matrix spike, rec	11/9/2016	Metal	Arsenic	Total	=	95	%	EPA 200.8	-88	-88	70	130	
2016/17-1	MO-THO	matrix spike dup	11/9/2016	Metal	Arsenic	Total	=	51.6	µg/L	EPA 200.8	0.074	0.4			
2016/17-1	MO-THO	matrix spike dup, rec	11/9/2016	Metal	Arsenic	Total	=	93	%	EPA 200.8	-88	-88	70	130	
2016/17-1	MO-THO	matrix spike, RPD	11/9/2016	Metal	Arsenic	Total	=	2	%	EPA 200.8	-88	-88	0	30	
2016/17-1	Lab	method blank	11/8/2016	Metal	Barium	Total	<	0.071	µg/L	EPA 200.8	0.071	0.5			
2016/17-1	Lab	LCS	11/8/2016	Metal	Barium	Total	=	48.2	µg/L	EPA 200.8	0.071	0.5			
2016/17-1	Lab	LCS, rec	11/8/2016	Metal	Barium	Total	=	96	%	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	
2016/17-1	Lab	method blank	11/9/2016	Metal	Barium	Total	<	0.071	µg/L	EPA 200.8	0.071	0.5			
2016/17-1	Lab	LCS	11/9/2016	Metal	Barium	Total	=	47.1	µg/L	EPA 200.8	0.071	0.5			
2016/17-1	Lab	LCS, rec	11/9/2016	Metal	Barium	Total	=	94	%	EPA 200.8	-88	-88	85	115	
2016/17-1	MO-MPK	matrix spike	11/8/2016	Metal	Barium	Total	=	426	µg/L	EPA 200.8	0.36	2.5			GB
2016/17-1	MO-MPK	matrix spike, rec	11/8/2016	Metal	Barium	Total	=	59	%	EPA 200.8	-88	-88	70	130	GB
2016/17-1	MO-MPK	matrix spike dup	11/8/2016	Metal	Barium	Total	=	424	µg/L	EPA 200.8	0.36	2.5			GB
2016/17-1	MO-MPK	matrix spike dup, rec	11/8/2016	Metal	Barium	Total	=	54	%	EPA 200.8	-88	-88	70	130	GB
2016/17-1	MO-MPK	matrix spike, RPD	11/8/2016	Metal	Barium	Total	=	0.5	%	EPA 200.8	-88	-88	0	30	
2016/17-1	MO-SIM	matrix spike	11/8/2016	Metal	Barium	Total	=	201	µg/L	EPA 200.8	0.071	0.5			
2016/17-1	MO-SIM	matrix spike, rec	11/8/2016	Metal	Barium	Total	=	95	%	EPA 200.8	-88	-88	70	130	
2016/17-1	MO-SIM	matrix spike dup	11/8/2016	Metal	Barium	Total	=	205	µg/L	EPA 200.8	0.071	0.5			
2016/17-1	MO-SIM	matrix spike dup, rec	11/8/2016	Metal	Barium	Total	=	104	%	EPA 200.8	-88	-88	70	130	
2016/17-1	MO-SIM	matrix spike, RPD	11/8/2016	Metal	Barium	Total	=	2	%	EPA 200.8	-88	-88	0	30	
2016/17-1	MO-THO	matrix spike	11/9/2016	Metal	Barium	Total	=	131	µg/L	EPA 200.8	0.071	0.5			
2016/17-1	MO-THO	matrix spike, rec	11/9/2016	Metal	Barium	Total	=	97	%	EPA 200.8	-88	-88	70	130	
2016/17-1	MO-THO	matrix spike dup	11/9/2016	Metal	Barium	Total	=	126	µg/L	EPA 200.8	0.071	0.5			
2016/17-1	MO-THO	matrix spike dup, rec	11/9/2016	Metal	Barium	Total	=	87	%	EPA 200.8	-88	-88	70	130	
2016/17-1	MO-THO	matrix spike, RPD	11/9/2016	Metal	Barium	Total	=	4	%	EPA 200.8	-88	-88	0	30	
2016/17-1	Lab	method blank	11/8/2016	Metal	Beryllium	Dissolved	<	0.033	µg/L	EPA 200.8	0.033	0.1			
2016/17-1	Lab	LCS	11/8/2016	Metal	Beryllium	Dissolved	=	48	µg/L	EPA 200.8	0.033	0.1			
2016/17-1	Lab	LCS, rec	11/8/2016	Metal	Beryllium	Dissolved	=	96	%	EPA 200.8	-88	-88	85	115	
2016/17-1	Lab	method blank	11/9/2016	Metal	Beryllium	Dissolved	<	0.033	µg/L	EPA 200.8	0.033	0.1			
2016/17-1	Lab	LCS	11/9/2016	Metal	Beryllium	Dissolved	=	47.4	µg/L	EPA 200.8	0.033	0.1			
2016/17-1	Lab	LCS, rec	11/9/2016	Metal	Beryllium	Dissolved	=	95	%	EPA 200.8	-88	-88	85	115	
2016/17-1	Lab	method blank	11/8/2016	Metal	Beryllium	Total	<	0.033	µg/L	EPA 200.8	0.033	0.1			
2016/17-1	Lab	LCS	11/8/2016	Metal	Beryllium	Total	=	48	µg/L	EPA 200.8	0.033	0.1			
2016/17-1	Lab	LCS, rec	11/8/2016	Metal	Beryllium	Total	=	96	%	EPA 200.8	-88	-88	85	115	
2016/17-1	Lab	method blank	11/9/2016	Metal	Beryllium	Total	<	0.033	µg/L	EPA 200.8	0.033	0.1			
2016/17-1	Lab	LCS	11/9/2016	Metal	Beryllium	Total	=	47.4	µg/L	EPA 200.8	0.033	0.1			
2016/17-1	Lab	LCS, rec	11/9/2016	Metal	Beryllium	Total	=	95	%	EPA 200.8	-88	-88	85	115	
2016/17-1	MO-MPK	matrix spike	11/8/2016	Metal	Beryllium	Total	=	48.5	µg/L	EPA 200.8	0.16	0.5			
2016/17-1	MO-MPK	matrix spike, rec	11/8/2016	Metal	Beryllium	Total	=	95	%	EPA 200.8	-88	-88	70	130	
2016/17-1	MO-MPK	matrix spike dup	11/8/2016	Metal	Beryllium	Total	=	47.2	µg/L	EPA 200.8	0.16	0.5			
2016/17-1	MO-MPK	matrix spike dup, rec	11/8/2016	Metal	Beryllium	Total	=	93	%	EPA 200.8	-88	-88	70	130	
2016/17-1	MO-MPK	matrix spike, RPD	11/8/2016	Metal	Beryllium	Total	=	3	%	EPA 200.8	-88	-88	0	30	
2016/17-1	MO-SIM	matrix spike	11/8/2016	Metal	Beryllium	Total	=	49.5	µg/L	EPA 200.8	0.033	0.1			
2016/17-1	MO-SIM	matrix spike, rec	11/8/2016	Metal	Beryllium	Total	=	98	%	EPA 200.8	-88	-88	70	130	
2016/17-1	MO-SIM	matrix spike dup	11/8/2016	Metal	Beryllium	Total	=	49.5	µg/L	EPA 200.8	0.033	0.1			
2016/17-1	MO-SIM	matrix spike dup, rec	11/8/2016	Metal	Beryllium	Total	=	98	%	EPA 200.8	-88	-88	70	130	
2016/17-1	MO-SIM	matrix spike, RPD	11/8/2016	Metal	Beryllium	Total	=	0.02	%	EPA 200.8	-88	-88	0	30	
2016/17-1	MO-THO	matrix spike	11/9/2016	Metal	Beryllium	Total	=	48.2	µg/L	EPA 200.8	0.033	0.1			
2016/17-1	MO-THO	matrix spike, rec	11/9/2016	Metal	Beryllium	Total	=	96	%	EPA 200.8	-88	-88	70	130	
2016/17-1	MO-THO	matrix spike dup	11/9/2016	Metal	Beryllium	Total	=	46.9	µg/L	EPA 200.8	0.033	0.1			
2016/17-1	MO-THO	matrix spike dup, rec	11/9/2016	Metal	Beryllium	Total	=	93	%	EPA 200.8	-88	-88	70	130	
2016/17-1	MO-THO	matrix spike, RPD	11/9/2016	Metal	Beryllium	Total	=	3	%	EPA 200.8	-88	-88	0	30	
2016/17-1	Lab	method blank	11/8/2016	Metal	Cadmium	Dissolved	<	0.041	µg/L	EPA 200.8	0.041	0.1			
2016/17-1	Lab	LCS	11/8/2016	Metal	Cadmium	Dissolved	=	48.9	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	
2016/17-1	Lab	LCS, rec	11/8/2016	Metal	Cadmium	Dissolved	=	98	%	EPA 200.8	-88	-88	85	115	
2016/17-1	Lab	method blank	11/9/2016	Metal	Cadmium	Dissolved	<	0.041	µg/L	EPA 200.8	0.041	0.1			
2016/17-1	Lab	LCS	11/9/2016	Metal	Cadmium	Dissolved	=	47.3	µg/L	EPA 200.8	0.041	0.1			
2016/17-1	Lab	LCS, rec	11/9/2016	Metal	Cadmium	Dissolved	=	95	%	EPA 200.8	-88	-88	85	115	
2016/17-1	Lab	method blank	11/8/2016	Metal	Cadmium	Total	<	0.041	µg/L	EPA 200.8	0.041	0.1			
2016/17-1	Lab	LCS	11/8/2016	Metal	Cadmium	Total	=	48.9	µg/L	EPA 200.8	0.041	0.1			
2016/17-1	Lab	LCS, rec	11/8/2016	Metal	Cadmium	Total	=	98	%	EPA 200.8	-88	-88	85	115	
2016/17-1	Lab	method blank	11/9/2016	Metal	Cadmium	Total	<	0.041	µg/L	EPA 200.8	0.041	0.1			
2016/17-1	Lab	LCS	11/9/2016	Metal	Cadmium	Total	=	47.3	µg/L	EPA 200.8	0.041	0.1			
2016/17-1	Lab	LCS, rec	11/9/2016	Metal	Cadmium	Total	=	95	%	EPA 200.8	-88	-88	85	115	
2016/17-1	MO-MPK	matrix spike	11/8/2016	Metal	Cadmium	Total	=	50.4	µg/L	EPA 200.8	0.2	0.5			
2016/17-1	MO-MPK	matrix spike, rec	11/8/2016	Metal	Cadmium	Total	=	96	%	EPA 200.8	-88	-88	70	130	
2016/17-1	MO-MPK	matrix spike dup	11/8/2016	Metal	Cadmium	Total	=	49.6	µg/L	EPA 200.8	0.2	0.5			
2016/17-1	MO-MPK	matrix spike dup, rec	11/8/2016	Metal	Cadmium	Total	=	94	%	EPA 200.8	-88	-88	70	130	
2016/17-1	MO-MPK	matrix spike, RPD	11/8/2016	Metal	Cadmium	Total	=	2	%	EPA 200.8	-88	-88	0	30	
2016/17-1	MO-SIM	matrix spike	11/8/2016	Metal	Cadmium	Total	=	48.9	µg/L	EPA 200.8	0.041	0.1			
2016/17-1	MO-SIM	matrix spike, rec	11/8/2016	Metal	Cadmium	Total	=	94	%	EPA 200.8	-88	-88	70	130	
2016/17-1	MO-SIM	matrix spike dup	11/8/2016	Metal	Cadmium	Total	=	49.6	µg/L	EPA 200.8	0.041	0.1			
2016/17-1	MO-SIM	matrix spike dup, rec	11/8/2016	Metal	Cadmium	Total	=	96	%	EPA 200.8	-88	-88	70	130	
2016/17-1	MO-SIM	matrix spike, RPD	11/8/2016	Metal	Cadmium	Total	=	2	%	EPA 200.8	-88	-88	0	30	
2016/17-1	MO-THO	matrix spike	11/9/2016	Metal	Cadmium	Total	=	45.4	µg/L	EPA 200.8	0.041	0.1			
2016/17-1	MO-THO	matrix spike, rec	11/9/2016	Metal	Cadmium	Total	=	89	%	EPA 200.8	-88	-88	70	130	
2016/17-1	MO-THO	matrix spike dup	11/9/2016	Metal	Cadmium	Total	=	44.6	µg/L	EPA 200.8	0.041	0.1			
2016/17-1	MO-THO	matrix spike dup, rec	11/9/2016	Metal	Cadmium	Total	=	88	%	EPA 200.8	-88	-88	70	130	
2016/17-1	MO-THO	matrix spike, RPD	11/9/2016	Metal	Cadmium	Total	=	2	%	EPA 200.8	-88	-88	0	30	
2016/17-1	Lab	method blank	11/8/2016	Metal	Chromium	Dissolved	<	0.035	µg/L	EPA 200.8	0.035	0.2			
2016/17-1	Lab	LCS	11/8/2016	Metal	Chromium	Dissolved	=	49.1	µg/L	EPA 200.8	0.035	0.2			
2016/17-1	Lab	LCS, rec	11/8/2016	Metal	Chromium	Dissolved	=	98	%	EPA 200.8	-88	-88	85	115	
2016/17-1	Lab	method blank	11/9/2016	Metal	Chromium	Dissolved	<	0.035	µg/L	EPA 200.8	0.035	0.2			
2016/17-1	Lab	LCS	11/9/2016	Metal	Chromium	Dissolved	=	47.9	µg/L	EPA 200.8	0.035	0.2			
2016/17-1	Lab	LCS, rec	11/9/2016	Metal	Chromium	Dissolved	=	96	%	EPA 200.8	-88	-88	85	115	
2016/17-1	Lab	method blank	11/8/2016	Metal	Chromium	Total	<	0.035	µg/L	EPA 200.8	0.035	0.2			
2016/17-1	Lab	LCS	11/8/2016	Metal	Chromium	Total	=	49.1	µg/L	EPA 200.8	0.035	0.2			
2016/17-1	Lab	LCS, rec	11/8/2016	Metal	Chromium	Total	=	98	%	EPA 200.8	-88	-88	85	115	
2016/17-1	Lab	method blank	11/9/2016	Metal	Chromium	Total	<	0.035	µg/L	EPA 200.8	0.035	0.2			
2016/17-1	Lab	LCS	11/9/2016	Metal	Chromium	Total	=	47.9	µg/L	EPA 200.8	0.035	0.2			
2016/17-1	Lab	LCS, rec	11/9/2016	Metal	Chromium	Total	=	96	%	EPA 200.8	-88	-88	85	115	
2016/17-1	MO-MPK	matrix spike	11/8/2016	Metal	Chromium	Total	=	95.6	µg/L	EPA 200.8	0.18	1			
2016/17-1	MO-MPK	matrix spike, rec	11/8/2016	Metal	Chromium	Total	=	91	%	EPA 200.8	-88	-88	70	130	
2016/17-1	MO-MPK	matrix spike dup	11/8/2016	Metal	Chromium	Total	=	96.6	µg/L	EPA 200.8	0.18	1			
2016/17-1	MO-MPK	matrix spike dup, rec	11/8/2016	Metal	Chromium	Total	=	93	%	EPA 200.8	-88	-88	70	130	
2016/17-1	MO-MPK	matrix spike, RPD	11/8/2016	Metal	Chromium	Total	=	1	%	EPA 200.8	-88	-88	0	30	
2016/17-1	MO-SIM	matrix spike	11/8/2016	Metal	Chromium	Total	=	65.4	µg/L	EPA 200.8	0.035	0.2			
2016/17-1	MO-SIM	matrix spike, rec	11/8/2016	Metal	Chromium	Total	=	92	%	EPA 200.8	-88	-88	70	130	
2016/17-1	MO-SIM	matrix spike dup	11/8/2016	Metal	Chromium	Total	=	66.3	µg/L	EPA 200.8	0.035	0.2			
2016/17-1	MO-SIM	matrix spike dup, rec	11/8/2016	Metal	Chromium	Total	=	94	%	EPA 200.8	-88	-88	70	130	
2016/17-1	MO-SIM	matrix spike, RPD	11/8/2016	Metal	Chromium	Total	=	1	%	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	
2016/17-1	MO-THO	matrix spike	11/9/2016	Metal	Chromium	Total	=	66.9	µg/L	EPA 200.8	0.035	0.2			
2016/17-1	MO-THO	matrix spike, rec	11/9/2016	Metal	Chromium	Total	=	89	%	EPA 200.8	-88	-88	70	130	
2016/17-1	MO-THO	matrix spike dup	11/9/2016	Metal	Chromium	Total	=	65.2	µg/L	EPA 200.8	0.035	0.2			
2016/17-1	MO-THO	matrix spike dup, rec	11/9/2016	Metal	Chromium	Total	=	86	%	EPA 200.8	-88	-88	70	130	
2016/17-1	MO-THO	matrix spike, RPD	11/9/2016	Metal	Chromium	Total	=	3	%	EPA 200.8	-88	-88	0	30	
2016/17-1	000NONPJ	matrix spike	11/9/2016	Metal	Chromium VI	n/a	=	5.33	µg/L	EPA 218.6	0.0048	0.02			
2016/17-1	000NONPJ	matrix spike	11/9/2016	Metal	Chromium VI	n/a	=	9.98	µg/L	EPA 218.6	0.0048	0.02			GB
2016/17-1	000NONPJ	matrix spike dup	11/9/2016	Metal	Chromium VI	n/a	=	5.49	µg/L	EPA 218.6	0.0048	0.02			
2016/17-1	000NONPJ	matrix spike dup	11/9/2016	Metal	Chromium VI	n/a	=	9.92	µg/L	EPA 218.6	0.0048	0.02			GB
2016/17-1	000NONPJ	matrix spike dup, rec	11/9/2016	Metal	Chromium VI	n/a	=	114	%	EPA 218.6	-88	-88	88	112	GB
2016/17-1	000NONPJ	matrix spike dup, rec	11/9/2016	Metal	Chromium VI	n/a	=	107	%	EPA 218.6	-88	-88	88	112	
2016/17-1	000NONPJ	matrix spike, rec	11/9/2016	Metal	Chromium VI	n/a	=	104	%	EPA 218.6	-88	-88	88	112	
2016/17-1	000NONPJ	matrix spike, rec	11/9/2016	Metal	Chromium VI	n/a	=	115	%	EPA 218.6	-88	-88	88	112	GB
2016/17-1	000NONPJ	matrix spike, RPD	11/9/2016	Metal	Chromium VI	n/a	=	3	%	EPA 218.6	-88	-88	0	10	
2016/17-1	000NONPJ	matrix spike, RPD	11/9/2016	Metal	Chromium VI	n/a	=	0.6	%	EPA 218.6	-88	-88	0	10	
2016/17-1	000NONPJ	matrix spike	11/10/2016	Metal	Chromium VI	n/a	=	6.09	µg/L	EPA 218.6	0.0048	0.02			GB
2016/17-1	000NONPJ	matrix spike	11/10/2016	Metal	Chromium VI	n/a	=	5.37	µg/L	EPA 218.6	0.0048	0.02			
2016/17-1	000NONPJ	matrix spike dup	11/10/2016	Metal	Chromium VI	n/a	=	5.76	µg/L	EPA 218.6	0.0048	0.02			
2016/17-1	000NONPJ	matrix spike dup	11/10/2016	Metal	Chromium VI	n/a	=	5.53	µg/L	EPA 218.6	0.0048	0.02			
2016/17-1	000NONPJ	matrix spike dup, rec	11/10/2016	Metal	Chromium VI	n/a	=	108	%	EPA 218.6	-88	-88	88	112	
2016/17-1	000NONPJ	matrix spike dup, rec	11/10/2016	Metal	Chromium VI	n/a	=	106	%	EPA 218.6	-88	-88	88	112	
2016/17-1	000NONPJ	matrix spike, rec	11/10/2016	Metal	Chromium VI	n/a	=	105	%	EPA 218.6	-88	-88	88	112	
2016/17-1	000NONPJ	matrix spike, rec	11/10/2016	Metal	Chromium VI	n/a	=	113	%	EPA 218.6	-88	-88	88	112	GB
2016/17-1	000NONPJ	matrix spike, RPD	11/10/2016	Metal	Chromium VI	n/a	=	3	%	EPA 218.6	-88	-88	0	10	
2016/17-1	000NONPJ	matrix spike, RPD	11/10/2016	Metal	Chromium VI	n/a	=	5	%	EPA 218.6	-88	-88	0	10	
2016/17-1	Lab	LCS	11/9/2016	Metal	Chromium VI	n/a	=	5.23	µg/L	EPA 218.6	0.0048	0.02			
2016/17-1	Lab	LCS, rec	11/9/2016	Metal	Chromium VI	n/a	=	105	%	EPA 218.6	-88	-88	90	110	
2016/17-1	Lab	method blank	11/9/2016	Metal	Chromium VI	n/a	<	0.0048	µg/L	EPA 218.6	0.0048	0.02			
2016/17-1	Lab	LCS	11/10/2016	Metal	Chromium VI	n/a	=	5.22	µg/L	EPA 218.6	0.0048	0.02			
2016/17-1	Lab	LCS, rec	11/10/2016	Metal	Chromium VI	n/a	=	104	%	EPA 218.6	-88	-88	90	110	
2016/17-1	Lab	method blank	11/10/2016	Metal	Chromium VI	n/a	<	0.0048	µg/L	EPA 218.6	0.0048	0.02			
2016/17-1	Lab	method blank	11/8/2016	Metal	Copper	Dissolved	<	0.13	µg/L	EPA 200.8	0.13	0.5			
2016/17-1	Lab	LCS	11/8/2016	Metal	Copper	Dissolved	=	50.1	µg/L	EPA 200.8	0.13	0.5			
2016/17-1	Lab	LCS, rec	11/8/2016	Metal	Copper	Dissolved	=	100	%	EPA 200.8	-88	-88	85	115	
2016/17-1	Lab	method blank	11/9/2016	Metal	Copper	Dissolved	<	0.13	µg/L	EPA 200.8	0.13	0.5			
2016/17-1	Lab	LCS	11/9/2016	Metal	Copper	Dissolved	=	49.6	µg/L	EPA 200.8	0.13	0.5			
2016/17-1	Lab	LCS, rec	11/9/2016	Metal	Copper	Dissolved	=	99	%	EPA 200.8	-88	-88	85	115	
2016/17-1	Lab	method blank	11/8/2016	Metal	Copper	Total	<	0.13	µg/L	EPA 200.8	0.13	0.5			
2016/17-1	Lab	LCS	11/8/2016	Metal	Copper	Total	=	50.1	µg/L	EPA 200.8	0.13	0.5			
2016/17-1	Lab	LCS, rec	11/8/2016	Metal	Copper	Total	=	100	%	EPA 200.8	-88	-88	85	115	
2016/17-1	Lab	method blank	11/9/2016	Metal	Copper	Total	<	0.13	µg/L	EPA 200.8	0.13	0.5			
2016/17-1	Lab	LCS	11/9/2016	Metal	Copper	Total	=	49.6	µg/L	EPA 200.8	0.13	0.5			
2016/17-1	Lab	LCS, rec	11/9/2016	Metal	Copper	Total	=	99	%	EPA 200.8	-88	-88	85	115	
2016/17-1	MO-MPK	matrix spike	11/8/2016	Metal	Copper	Total	=	123	µg/L	EPA 200.8	0.65	2.5			
2016/17-1	MO-MPK	matrix spike, rec	11/8/2016	Metal	Copper	Total	=	87	%	EPA 200.8	-88	-88	70	130	
2016/17-1	MO-MPK	matrix spike dup	11/8/2016	Metal	Copper	Total	=	123	µg/L	EPA 200.8	0.65	2.5			
2016/17-1	MO-MPK	matrix spike dup, rec	11/8/2016	Metal	Copper	Total	=	87	%	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	
2016/17-1	MO-MPK	matrix spike, RPD	11/8/2016	Metal	Copper	Total	=	0.1	%	EPA 200.8	-88	-88	0	30	
2016/17-1	MO-SIM	matrix spike	11/8/2016	Metal	Copper	Total	=	116	µg/L	EPA 200.8	0.13	0.5			
2016/17-1	MO-SIM	matrix spike, rec	11/8/2016	Metal	Copper	Total	=	88	%	EPA 200.8	-88	-88	70	130	
2016/17-1	MO-SIM	matrix spike dup	11/8/2016	Metal	Copper	Total	=	118	µg/L	EPA 200.8	0.13	0.5			
2016/17-1	MO-SIM	matrix spike dup, rec	11/8/2016	Metal	Copper	Total	=	91	%	EPA 200.8	-88	-88	70	130	
2016/17-1	MO-SIM	matrix spike, RPD	11/8/2016	Metal	Copper	Total	=	1	%	EPA 200.8	-88	-88	0	30	
2016/17-1	MO-THO	matrix spike	11/9/2016	Metal	Copper	Total	=	62	µg/L	EPA 200.8	0.13	0.5			
2016/17-1	MO-THO	matrix spike, rec	11/9/2016	Metal	Copper	Total	=	82	%	EPA 200.8	-88	-88	70	130	
2016/17-1	MO-THO	matrix spike dup	11/9/2016	Metal	Copper	Total	=	61.1	µg/L	EPA 200.8	0.13	0.5			
2016/17-1	MO-THO	matrix spike dup, rec	11/9/2016	Metal	Copper	Total	=	80	%	EPA 200.8	-88	-88	70	130	
2016/17-1	MO-THO	matrix spike, RPD	11/9/2016	Metal	Copper	Total	=	1	%	EPA 200.8	-88	-88	0	30	
2016/17-1	Lab	method blank	11/2/2016	Metal	Iron	Dissolved	<	1.1	µg/L	EPA 200.7	1.1	10			
2016/17-1	Lab	LCS	11/2/2016	Metal	Iron	Dissolved	=	186	µg/L	EPA 200.7	1.1	10			
2016/17-1	Lab	LCS, rec	11/2/2016	Metal	Iron	Dissolved	=	93	%	EPA 200.7	-88	-88	85	115	
2016/17-1	Lab	method blank	11/8/2016	Metal	Iron	Dissolved	<	1.1	µg/L	EPA 200.7	1.1	10			
2016/17-1	Lab	LCS	11/8/2016	Metal	Iron	Dissolved	=	184	µg/L	EPA 200.7	1.1	10			
2016/17-1	Lab	LCS, rec	11/8/2016	Metal	Iron	Dissolved	=	92	%	EPA 200.7	-88	-88	85	115	
2016/17-1	Lab	method blank	11/2/2016	Metal	Iron	Total	<	1.1	µg/L	EPA 200.7	1.1	10			
2016/17-1	Lab	LCS	11/2/2016	Metal	Iron	Total	=	186	µg/L	EPA 200.7	1.1	10			
2016/17-1	Lab	LCS, rec	11/2/2016	Metal	Iron	Total	=	93	%	EPA 200.7	-88	-88	85	115	
2016/17-1	Lab	method blank	11/8/2016	Metal	Iron	Total	<	1.1	µg/L	EPA 200.7	1.1	10			
2016/17-1	Lab	LCS	11/8/2016	Metal	Iron	Total	=	184	µg/L	EPA 200.7	1.1	10			
2016/17-1	Lab	LCS, rec	11/8/2016	Metal	Iron	Total	=	92	%	EPA 200.7	-88	-88	85	115	
2016/17-1	ME-VR2	matrix spike	11/8/2016	Metal	Iron	Total	=	1440	µg/L	EPA 200.7	1.1	10			
2016/17-1	ME-VR2	matrix spike, rec	11/8/2016	Metal	Iron	Total	=	102	%	EPA 200.7	-88	-88	70	130	
2016/17-1	ME-VR2	matrix spike dup	11/8/2016	Metal	Iron	Total	=	1440	µg/L	EPA 200.7	1.1	10			
2016/17-1	ME-VR2	matrix spike dup, rec	11/8/2016	Metal	Iron	Total	=	103	%	EPA 200.7	-88	-88	70	130	
2016/17-1	ME-VR2	matrix spike, RPD	11/8/2016	Metal	Iron	Total	=	0.2	%	EPA 200.7	-88	-88	0	30	
2016/17-1	MO-SPA	matrix spike	11/2/2016	Metal	Iron	Total	=	15100	µg/L	EPA 200.7	1.1	10			GB
2016/17-1	MO-SPA	matrix spike, rec	11/2/2016	Metal	Iron	Total	=	-162	%	EPA 200.7	-88	-88	70	130	GB
2016/17-1	MO-SPA	matrix spike dup	11/2/2016	Metal	Iron	Total	=	15500	µg/L	EPA 200.7	1.1	10			GB
2016/17-1	MO-SPA	matrix spike dup, rec	11/2/2016	Metal	Iron	Total	=	47	%	EPA 200.7	-88	-88	70	130	GB
2016/17-1	MO-SPA	matrix spike, RPD	11/2/2016	Metal	Iron	Total	=	3	%	EPA 200.7	-88	-88	0	30	
2016/17-1	MO-VEN	matrix spike	11/2/2016	Metal	Iron	Total	=	20800	µg/L	EPA 200.7	1.1	10			GB
2016/17-1	MO-VEN	matrix spike, rec	11/2/2016	Metal	Iron	Total	=	867	%	EPA 200.7	-88	-88	70	130	GB
2016/17-1	MO-VEN	matrix spike dup	11/2/2016	Metal	Iron	Total	=	21100	µg/L	EPA 200.7	1.1	10			GB
2016/17-1	MO-VEN	matrix spike dup, rec	11/2/2016	Metal	Iron	Total	=	1010	%	EPA 200.7	-88	-88	70	130	GB
2016/17-1	MO-VEN	matrix spike, RPD	11/2/2016	Metal	Iron	Total	=	1	%	EPA 200.7	-88	-88	0	30	
2016/17-1	Lab	method blank	11/8/2016	Metal	Lead	Dissolved	<	0.031	µg/L	EPA 200.8	0.031	0.2			
2016/17-1	Lab	LCS	11/8/2016	Metal	Lead	Dissolved	=	47.3	µg/L	EPA 200.8	0.031	0.2			
2016/17-1	Lab	LCS, rec	11/8/2016	Metal	Lead	Dissolved	=	95	%	EPA 200.8	-88	-88	85	115	
2016/17-1	Lab	method blank	11/9/2016	Metal	Lead	Dissolved	<	0.031	µg/L	EPA 200.8	0.031	0.2			
2016/17-1	Lab	LCS	11/9/2016	Metal	Lead	Dissolved	=	45.4	µg/L	EPA 200.8	0.031	0.2			
2016/17-1	Lab	LCS, rec	11/9/2016	Metal	Lead	Dissolved	=	91	%	EPA 200.8	-88	-88	85	115	
2016/17-1	Lab	method blank	11/8/2016	Metal	Lead	Total	<	0.031	µg/L	EPA 200.8	0.031	0.2			
2016/17-1	Lab	LCS	11/8/2016	Metal	Lead	Total	=	47.3	µg/L	EPA 200.8	0.031	0.2			
2016/17-1	Lab	LCS, rec	11/8/2016	Metal	Lead	Total	=	95	%	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	
2016/17-1	Lab	method blank	11/9/2016	Metal	Lead	Total	<	0.031	µg/L	EPA 200.8	0.031	0.2			
2016/17-1	Lab	LCS	11/9/2016	Metal	Lead	Total	=	45.4	µg/L	EPA 200.8	0.031	0.2			
2016/17-1	Lab	LCS, rec	11/9/2016	Metal	Lead	Total	=	91	%	EPA 200.8	-88	-88	85	115	
2016/17-1	MO-MPK	matrix spike	11/8/2016	Metal	Lead	Total	=	97	µg/L	EPA 200.8	0.16	1			
2016/17-1	MO-MPK	matrix spike, rec	11/8/2016	Metal	Lead	Total	=	88	%	EPA 200.8	-88	-88	70	130	
2016/17-1	MO-MPK	matrix spike dup	11/8/2016	Metal	Lead	Total	=	96.2	µg/L	EPA 200.8	0.16	1			
2016/17-1	MO-MPK	matrix spike dup, rec	11/8/2016	Metal	Lead	Total	=	86	%	EPA 200.8	-88	-88	70	130	
2016/17-1	MO-MPK	matrix spike, RPD	11/8/2016	Metal	Lead	Total	=	0.9	%	EPA 200.8	-88	-88	0	30	
2016/17-1	MO-SIM	matrix spike	11/8/2016	Metal	Lead	Total	=	63.9	µg/L	EPA 200.8	0.031	0.2			
2016/17-1	MO-SIM	matrix spike, rec	11/8/2016	Metal	Lead	Total	=	91	%	EPA 200.8	-88	-88	70	130	
2016/17-1	MO-SIM	matrix spike dup	11/8/2016	Metal	Lead	Total	=	65.4	µg/L	EPA 200.8	0.031	0.2			
2016/17-1	MO-SIM	matrix spike dup, rec	11/8/2016	Metal	Lead	Total	=	94	%	EPA 200.8	-88	-88	70	130	
2016/17-1	MO-SIM	matrix spike, RPD	11/8/2016	Metal	Lead	Total	=	2	%	EPA 200.8	-88	-88	0	30	
2016/17-1	MO-THO	matrix spike	11/9/2016	Metal	Lead	Total	=	50.2	µg/L	EPA 200.8	0.031	0.2			
2016/17-1	MO-THO	matrix spike, rec	11/9/2016	Metal	Lead	Total	=	89	%	EPA 200.8	-88	-88	70	130	
2016/17-1	MO-THO	matrix spike dup	11/9/2016	Metal	Lead	Total	=	48.7	µg/L	EPA 200.8	0.031	0.2			
2016/17-1	MO-THO	matrix spike dup, rec	11/9/2016	Metal	Lead	Total	=	86	%	EPA 200.8	-88	-88	70	130	
2016/17-1	MO-THO	matrix spike, RPD	11/9/2016	Metal	Lead	Total	=	3	%	EPA 200.8	-88	-88	0	30	
2016/17-1	Lab	method blank	11/17/2016	Metal	Mercury	Dissolved	<	17	ng/L	EPA 245.1	17	50			
2016/17-1	Lab	LCS	11/17/2016	Metal	Mercury	Dissolved	=	467	ng/L	EPA 245.1	17	50			
2016/17-1	Lab	LCS, rec	11/17/2016	Metal	Mercury	Dissolved	=	93	%	EPA 245.1	-88	-88	85	115	
2016/17-1	Lab	method blank	11/18/2016	Metal	Mercury	Dissolved	<	17	ng/L	EPA 245.1	17	50			
2016/17-1	Lab	LCS	11/18/2016	Metal	Mercury	Dissolved	=	989	ng/L	EPA 245.1	17	50			
2016/17-1	Lab	LCS, rec	11/18/2016	Metal	Mercury	Dissolved	=	99	%	EPA 245.1	-88	-88	85	115	
2016/17-1	ME-VR2	matrix spike	11/17/2016	Metal	Mercury	Dissolved	=	912	ng/L	EPA 245.1	17	50			
2016/17-1	ME-VR2	matrix spike, rec	11/17/2016	Metal	Mercury	Dissolved	=	91	%	EPA 245.1	-88	-88	70	130	
2016/17-1	ME-VR2	matrix spike dup	11/17/2016	Metal	Mercury	Dissolved	=	899	ng/L	EPA 245.1	17	50			
2016/17-1	ME-VR2	matrix spike dup, rec	11/17/2016	Metal	Mercury	Dissolved	=	90	%	EPA 245.1	-88	-88	70	130	
2016/17-1	ME-VR2	matrix spike, RPD	11/17/2016	Metal	Mercury	Dissolved	=	1	%	EPA 245.1	-88	-88	0	20	
2016/17-1	MO-OJA	matrix spike	11/18/2016	Metal	Mercury	Dissolved	=	842	ng/L	EPA 245.1	17	50			
2016/17-1	MO-OJA	matrix spike, rec	11/18/2016	Metal	Mercury	Dissolved	=	84	%	EPA 245.1	-88	-88	70	130	
2016/17-1	MO-OJA	matrix spike dup	11/18/2016	Metal	Mercury	Dissolved	=	766	ng/L	EPA 245.1	17	50			
2016/17-1	MO-OJA	matrix spike dup, rec	11/18/2016	Metal	Mercury	Dissolved	=	77	%	EPA 245.1	-88	-88	70	130	
2016/17-1	MO-OJA	matrix spike, RPD	11/18/2016	Metal	Mercury	Dissolved	=	9	%	EPA 245.1	-88	-88	0	20	
2016/17-1	MO-SPA	matrix spike	11/18/2016	Metal	Mercury	Dissolved	=	891	ng/L	EPA 245.1	17	50			
2016/17-1	MO-SPA	matrix spike, rec	11/18/2016	Metal	Mercury	Dissolved	=	87	%	EPA 245.1	-88	-88	70	130	
2016/17-1	MO-SPA	matrix spike dup	11/18/2016	Metal	Mercury	Dissolved	=	822	ng/L	EPA 245.1	17	50			
2016/17-1	MO-SPA	matrix spike dup, rec	11/18/2016	Metal	Mercury	Dissolved	=	80	%	EPA 245.1	-88	-88	70	130	
2016/17-1	MO-SPA	matrix spike, RPD	11/18/2016	Metal	Mercury	Dissolved	=	8	%	EPA 245.1	-88	-88	0	20	
2016/17-1	Lab	method blank	11/17/2016	Metal	Mercury	Total	<	17	ng/L	EPA 245.1	17	50			
2016/17-1	Lab	LCS	11/17/2016	Metal	Mercury	Total	=	467	ng/L	EPA 245.1	17	50			
2016/17-1	Lab	LCS, rec	11/17/2016	Metal	Mercury	Total	=	93	%	EPA 245.1	-88	-88	85	115	
2016/17-1	Lab	method blank	11/18/2016	Metal	Mercury	Total	<	17	ng/L	EPA 245.1	17	50			
2016/17-1	Lab	LCS	11/18/2016	Metal	Mercury	Total	=	989	ng/L	EPA 245.1	17	50			
2016/17-1	Lab	LCS, rec	11/18/2016	Metal	Mercury	Total	=	99	%	EPA 245.1	-88	-88	85	115	
2016/17-1	ME-VR2	matrix spike	11/17/2016	Metal	Mercury	Total	=	912	ng/L	EPA 245.1	17	50			
2016/17-1	ME-VR2	matrix spike, rec	11/17/2016	Metal	Mercury	Total	=	88	%	EPA 245.1	-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	
2016/17-1	ME-VR2	matrix spike dup	11/17/2016	Metal	Mercury	Total	=	899	ng/L	EPA 245.1	17	50			
2016/17-1	ME-VR2	matrix spike dup, rec	11/17/2016	Metal	Mercury	Total	=	87	%	EPA 245.1	-88	-88	70	130	
2016/17-1	ME-VR2	matrix spike, RPD	11/17/2016	Metal	Mercury	Total	=	1	%	EPA 245.1	-88	-88	0	20	
2016/17-1	MO-OJA	matrix spike	11/18/2016	Metal	Mercury	Total	=	842	ng/L	EPA 245.1	17	50			
2016/17-1	MO-OJA	matrix spike, rec	11/18/2016	Metal	Mercury	Total	=	71	%	EPA 245.1	-88	-88	70	130	
2016/17-1	MO-OJA	matrix spike dup	11/18/2016	Metal	Mercury	Total	=	766	ng/L	EPA 245.1	17	50			GB
2016/17-1	MO-OJA	matrix spike dup, rec	11/18/2016	Metal	Mercury	Total	=	63	%	EPA 245.1	-88	-88	70	130	GB
2016/17-1	MO-OJA	matrix spike, RPD	11/18/2016	Metal	Mercury	Total	=	9	%	EPA 245.1	-88	-88	0	20	
2016/17-1	MO-SPA	matrix spike	11/18/2016	Metal	Mercury	Total	=	891	ng/L	EPA 245.1	17	50			
2016/17-1	MO-SPA	matrix spike, rec	11/18/2016	Metal	Mercury	Total	=	83	%	EPA 245.1	-88	-88	70	130	
2016/17-1	MO-SPA	matrix spike dup	11/18/2016	Metal	Mercury	Total	=	822	ng/L	EPA 245.1	17	50			
2016/17-1	MO-SPA	matrix spike dup, rec	11/18/2016	Metal	Mercury	Total	=	76	%	EPA 245.1	-88	-88	70	130	
2016/17-1	MO-SPA	matrix spike, RPD	11/18/2016	Metal	Mercury	Total	=	8	%	EPA 245.1	-88	-88	0	20	
2016/17-1	Lab	method blank	11/8/2016	Metal	Nickel	Dissolved	<	0.045	µg/L	EPA 200.8	0.045	0.8			
2016/17-1	Lab	LCS	11/8/2016	Metal	Nickel	Dissolved	=	49.8	µg/L	EPA 200.8	0.045	0.8			
2016/17-1	Lab	LCS, rec	11/8/2016	Metal	Nickel	Dissolved	=	100	%	EPA 200.8	-88	-88	85	115	
2016/17-1	Lab	method blank	11/9/2016	Metal	Nickel	Dissolved	<	0.045	µg/L	EPA 200.8	0.045	0.8			
2016/17-1	Lab	LCS	11/9/2016	Metal	Nickel	Dissolved	=	49	µg/L	EPA 200.8	0.045	0.8			
2016/17-1	Lab	LCS, rec	11/9/2016	Metal	Nickel	Dissolved	=	98	%	EPA 200.8	-88	-88	85	115	
2016/17-1	Lab	method blank	11/8/2016	Metal	Nickel	Total	<	0.045	µg/L	EPA 200.8	0.045	0.8			
2016/17-1	Lab	LCS	11/8/2016	Metal	Nickel	Total	=	49.8	µg/L	EPA 200.8	0.045	0.8			
2016/17-1	Lab	LCS, rec	11/8/2016	Metal	Nickel	Total	=	100	%	EPA 200.8	-88	-88	85	115	
2016/17-1	Lab	method blank	11/9/2016	Metal	Nickel	Total	DNQ	0.08	µg/L	EPA 200.8	0.045	0.8			IP
2016/17-1	Lab	LCS	11/9/2016	Metal	Nickel	Total	=	49	µg/L	EPA 200.8	0.045	0.8			
2016/17-1	Lab	LCS, rec	11/9/2016	Metal	Nickel	Total	=	98	%	EPA 200.8	-88	-88	85	115	
2016/17-1	MO-MPK	matrix spike	11/8/2016	Metal	Nickel	Total	=	92.6	µg/L	EPA 200.8	0.22	4			
2016/17-1	MO-MPK	matrix spike, rec	11/8/2016	Metal	Nickel	Total	=	91	%	EPA 200.8	-88	-88	70	130	
2016/17-1	MO-MPK	matrix spike dup	11/8/2016	Metal	Nickel	Total	=	92	µg/L	EPA 200.8	0.22	4			
2016/17-1	MO-MPK	matrix spike dup, rec	11/8/2016	Metal	Nickel	Total	=	90	%	EPA 200.8	-88	-88	70	130	
2016/17-1	MO-MPK	matrix spike, RPD	11/8/2016	Metal	Nickel	Total	=	0.6	%	EPA 200.8	-88	-88	0	30	
2016/17-1	MO-SIM	matrix spike	11/8/2016	Metal	Nickel	Total	=	71.3	µg/L	EPA 200.8	0.045	0.8			
2016/17-1	MO-SIM	matrix spike, rec	11/8/2016	Metal	Nickel	Total	=	88	%	EPA 200.8	-88	-88	70	130	
2016/17-1	MO-SIM	matrix spike dup	11/8/2016	Metal	Nickel	Total	=	72.7	µg/L	EPA 200.8	0.045	0.8			
2016/17-1	MO-SIM	matrix spike dup, rec	11/8/2016	Metal	Nickel	Total	=	91	%	EPA 200.8	-88	-88	70	130	
2016/17-1	MO-SIM	matrix spike, RPD	11/8/2016	Metal	Nickel	Total	=	2	%	EPA 200.8	-88	-88	0	30	
2016/17-1	MO-THO	matrix spike	11/9/2016	Metal	Nickel	Total	=	63.6	µg/L	EPA 200.8	0.045	0.8			
2016/17-1	MO-THO	matrix spike, rec	11/9/2016	Metal	Nickel	Total	=	83	%	EPA 200.8	-88	-88	70	130	
2016/17-1	MO-THO	matrix spike dup	11/9/2016	Metal	Nickel	Total	=	62.5	µg/L	EPA 200.8	0.045	0.8			
2016/17-1	MO-THO	matrix spike dup, rec	11/9/2016	Metal	Nickel	Total	=	81	%	EPA 200.8	-88	-88	70	130	
2016/17-1	MO-THO	matrix spike, RPD	11/9/2016	Metal	Nickel	Total	=	2	%	EPA 200.8	-88	-88	0	30	
2016/17-1	Lab	method blank	11/8/2016	Metal	Selenium	Dissolved	<	0.14	µg/L	EPA 200.8	0.14	0.4			
2016/17-1	Lab	LCS	11/8/2016	Metal	Selenium	Dissolved	=	49.8	µg/L	EPA 200.8	0.14	0.4			
2016/17-1	Lab	LCS, rec	11/8/2016	Metal	Selenium	Dissolved	=	100	%	EPA 200.8	-88	-88	85	115	
2016/17-1	Lab	method blank	11/9/2016	Metal	Selenium	Dissolved	<	0.14	µg/L	EPA 200.8	0.14	0.4			
2016/17-1	Lab	LCS	11/9/2016	Metal	Selenium	Dissolved	=	48.3	µg/L	EPA 200.8	0.14	0.4			
2016/17-1	Lab	LCS, rec	11/9/2016	Metal	Selenium	Dissolved	=	97	%	EPA 200.8	-88	-88	85	115	
2016/17-1	Lab	method blank	11/10/2016	Metal	Selenium	Dissolved	<	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	
2016/17-1	Lab	LCS	11/10/2016	Metal	Selenium	Dissolved	=	49.4	µg/L	EPA 200.8	0.14	0.4			
2016/17-1	Lab	LCS, rec	11/10/2016	Metal	Selenium	Dissolved	=	99	%	EPA 200.8	-88	-88	85	115	
2016/17-1	Lab	method blank	11/8/2016	Metal	Selenium	Total	<	0.14	µg/L	EPA 200.8	0.14	0.4			
2016/17-1	Lab	LCS	11/8/2016	Metal	Selenium	Total	=	49.8	µg/L	EPA 200.8	0.14	0.4			
2016/17-1	Lab	LCS, rec	11/8/2016	Metal	Selenium	Total	=	100	%	EPA 200.8	-88	-88	85	115	
2016/17-1	Lab	method blank	11/9/2016	Metal	Selenium	Total	<	0.14	µg/L	EPA 200.8	0.14	0.4			
2016/17-1	Lab	LCS	11/9/2016	Metal	Selenium	Total	=	48.3	µg/L	EPA 200.8	0.14	0.4			
2016/17-1	Lab	LCS, rec	11/9/2016	Metal	Selenium	Total	=	97	%	EPA 200.8	-88	-88	85	115	
2016/17-1	MO-MPK	matrix spike	11/8/2016	Metal	Selenium	Total	=	41.4	µg/L	EPA 200.8	0.7	2			
2016/17-1	MO-MPK	matrix spike, rec	11/8/2016	Metal	Selenium	Total	=	83	%	EPA 200.8	-88	-88	70	130	
2016/17-1	MO-MPK	matrix spike dup	11/8/2016	Metal	Selenium	Total	=	42.5	µg/L	EPA 200.8	0.7	2			
2016/17-1	MO-MPK	matrix spike dup, rec	11/8/2016	Metal	Selenium	Total	=	85	%	EPA 200.8	-88	-88	70	130	
2016/17-1	MO-MPK	matrix spike, RPD	11/8/2016	Metal	Selenium	Total	=	3	%	EPA 200.8	-88	-88	0	30	
2016/17-1	MO-SIM	matrix spike	11/8/2016	Metal	Selenium	Total	=	51.1	µg/L	EPA 200.8	0.14	0.4			
2016/17-1	MO-SIM	matrix spike, rec	11/8/2016	Metal	Selenium	Total	=	93	%	EPA 200.8	-88	-88	70	130	
2016/17-1	MO-SIM	matrix spike dup	11/8/2016	Metal	Selenium	Total	=	49.8	µg/L	EPA 200.8	0.14	0.4			
2016/17-1	MO-SIM	matrix spike dup, rec	11/8/2016	Metal	Selenium	Total	=	91	%	EPA 200.8	-88	-88	70	130	
2016/17-1	MO-SIM	matrix spike, RPD	11/8/2016	Metal	Selenium	Total	=	3	%	EPA 200.8	-88	-88	0	30	
2016/17-1	MO-THO	matrix spike	11/9/2016	Metal	Selenium	Total	=	48.5	µg/L	EPA 200.8	0.14	0.4			
2016/17-1	MO-THO	matrix spike, rec	11/9/2016	Metal	Selenium	Total	=	91	%	EPA 200.8	-88	-88	70	130	
2016/17-1	MO-THO	matrix spike dup	11/9/2016	Metal	Selenium	Total	=	47.2	µg/L	EPA 200.8	0.14	0.4			
2016/17-1	MO-THO	matrix spike dup, rec	11/9/2016	Metal	Selenium	Total	=	89	%	EPA 200.8	-88	-88	70	130	
2016/17-1	MO-THO	matrix spike, RPD	11/9/2016	Metal	Selenium	Total	=	3	%	EPA 200.8	-88	-88	0	30	
2016/17-1	Lab	method blank	11/8/2016	Metal	Silver	Dissolved	<	0.062	µg/L	EPA 200.8	0.062	0.2			
2016/17-1	Lab	LCS	11/8/2016	Metal	Silver	Dissolved	=	49.3	µg/L	EPA 200.8	0.062	0.2			
2016/17-1	Lab	LCS, rec	11/8/2016	Metal	Silver	Dissolved	=	99	%	EPA 200.8	-88	-88	85	115	
2016/17-1	Lab	method blank	11/9/2016	Metal	Silver	Dissolved	<	0.062	µg/L	EPA 200.8	0.062	0.2			
2016/17-1	Lab	LCS	11/9/2016	Metal	Silver	Dissolved	=	47.9	µg/L	EPA 200.8	0.062	0.2			
2016/17-1	Lab	LCS, rec	11/9/2016	Metal	Silver	Dissolved	=	96	%	EPA 200.8	-88	-88	85	115	
2016/17-1	Lab	method blank	11/8/2016	Metal	Silver	Total	<	0.062	µg/L	EPA 200.8	0.062	0.2			
2016/17-1	Lab	LCS	11/8/2016	Metal	Silver	Total	=	49.3	µg/L	EPA 200.8	0.062	0.2			
2016/17-1	Lab	LCS, rec	11/8/2016	Metal	Silver	Total	=	99	%	EPA 200.8	-88	-88	85	115	
2016/17-1	Lab	method blank	11/9/2016	Metal	Silver	Total	<	0.062	µg/L	EPA 200.8	0.062	0.2			
2016/17-1	Lab	LCS	11/9/2016	Metal	Silver	Total	=	47.9	µg/L	EPA 200.8	0.062	0.2			
2016/17-1	Lab	LCS, rec	11/9/2016	Metal	Silver	Total	=	96	%	EPA 200.8	-88	-88	85	115	
2016/17-1	MO-MPK	matrix spike	11/8/2016	Metal	Silver	Total	=	46.5	µg/L	EPA 200.8	0.31	1			
2016/17-1	MO-MPK	matrix spike, rec	11/8/2016	Metal	Silver	Total	=	93	%	EPA 200.8	-88	-88	70	130	
2016/17-1	MO-MPK	matrix spike dup	11/8/2016	Metal	Silver	Total	=	45.4	µg/L	EPA 200.8	0.31	1			
2016/17-1	MO-MPK	matrix spike dup, rec	11/8/2016	Metal	Silver	Total	=	91	%	EPA 200.8	-88	-88	70	130	
2016/17-1	MO-MPK	matrix spike, RPD	11/8/2016	Metal	Silver	Total	=	2	%	EPA 200.8	-88	-88	0	30	
2016/17-1	MO-SIM	matrix spike	11/8/2016	Metal	Silver	Total	=	46.1	µg/L	EPA 200.8	0.062	0.2			
2016/17-1	MO-SIM	matrix spike, rec	11/8/2016	Metal	Silver	Total	=	92	%	EPA 200.8	-88	-88	70	130	
2016/17-1	MO-SIM	matrix spike dup	11/8/2016	Metal	Silver	Total	=	47	µg/L	EPA 200.8	0.062	0.2			
2016/17-1	MO-SIM	matrix spike dup, rec	11/8/2016	Metal	Silver	Total	=	93	%	EPA 200.8	-88	-88	70	130	
2016/17-1	MO-SIM	matrix spike, RPD	11/8/2016	Metal	Silver	Total	=	2	%	EPA 200.8	-88	-88	0	30	
2016/17-1	MO-THO	matrix spike	11/9/2016	Metal	Silver	Total	=	46.7	µg/L	EPA 200.8	0.062	0.2			
2016/17-1	MO-THO	matrix spike, rec	11/9/2016	Metal	Silver	Total	=	93	%	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	
2016/17-1	MO-THO	matrix spike dup	11/9/2016	Metal	Silver	Total	=	45.2	µg/L	EPA 200.8	0.062	0.2			
2016/17-1	MO-THO	matrix spike dup, rec	11/9/2016	Metal	Silver	Total	=	90	%	EPA 200.8	-88	-88	70	130	
2016/17-1	MO-THO	matrix spike, RPD	11/9/2016	Metal	Silver	Total	=	3	%	EPA 200.8	-88	-88	0	30	
2016/17-1	Lab	method blank	11/8/2016	Metal	Thallium	Dissolved	<	0.014	µg/L	EPA 200.8	0.014	0.2			
2016/17-1	Lab	LCS	11/8/2016	Metal	Thallium	Dissolved	=	46.5	µg/L	EPA 200.8	0.014	0.2			
2016/17-1	Lab	LCS, rec	11/8/2016	Metal	Thallium	Dissolved	=	93	%	EPA 200.8	-88	-88	85	115	
2016/17-1	Lab	method blank	11/9/2016	Metal	Thallium	Dissolved	<	0.014	µg/L	EPA 200.8	0.014	0.2			
2016/17-1	Lab	LCS	11/9/2016	Metal	Thallium	Dissolved	=	44.4	µg/L	EPA 200.8	0.014	0.2			
2016/17-1	Lab	LCS, rec	11/9/2016	Metal	Thallium	Dissolved	=	89	%	EPA 200.8	-88	-88	85	115	
2016/17-1	Lab	method blank	11/8/2016	Metal	Thallium	Total	<	0.014	µg/L	EPA 200.8	0.014	0.2			
2016/17-1	Lab	LCS	11/8/2016	Metal	Thallium	Total	=	46.5	µg/L	EPA 200.8	0.014	0.2			
2016/17-1	Lab	LCS, rec	11/8/2016	Metal	Thallium	Total	=	93	%	EPA 200.8	-88	-88	85	115	
2016/17-1	Lab	method blank	11/9/2016	Metal	Thallium	Total	<	0.014	µg/L	EPA 200.8	0.014	0.2			
2016/17-1	Lab	LCS	11/9/2016	Metal	Thallium	Total	=	44.4	µg/L	EPA 200.8	0.014	0.2			
2016/17-1	Lab	LCS, rec	11/9/2016	Metal	Thallium	Total	=	89	%	EPA 200.8	-88	-88	85	115	
2016/17-1	MO-MPK	matrix spike	11/8/2016	Metal	Thallium	Total	=	43.6	µg/L	EPA 200.8	0.07	1			
2016/17-1	MO-MPK	matrix spike, rec	11/8/2016	Metal	Thallium	Total	=	86	%	EPA 200.8	-88	-88	70	130	
2016/17-1	MO-MPK	matrix spike dup	11/8/2016	Metal	Thallium	Total	=	42.6	µg/L	EPA 200.8	0.07	1			
2016/17-1	MO-MPK	matrix spike dup, rec	11/8/2016	Metal	Thallium	Total	=	85	%	EPA 200.8	-88	-88	70	130	
2016/17-1	MO-MPK	matrix spike, RPD	11/8/2016	Metal	Thallium	Total	=	2	%	EPA 200.8	-88	-88	0	30	
2016/17-1	MO-SIM	matrix spike	11/8/2016	Metal	Thallium	Total	=	44.7	µg/L	EPA 200.8	0.014	0.2			
2016/17-1	MO-SIM	matrix spike, rec	11/8/2016	Metal	Thallium	Total	=	89	%	EPA 200.8	-88	-88	70	130	
2016/17-1	MO-SIM	matrix spike dup	11/8/2016	Metal	Thallium	Total	=	45.6	µg/L	EPA 200.8	0.014	0.2			
2016/17-1	MO-SIM	matrix spike dup, rec	11/8/2016	Metal	Thallium	Total	=	91	%	EPA 200.8	-88	-88	70	130	
2016/17-1	MO-SIM	matrix spike, RPD	11/8/2016	Metal	Thallium	Total	=	2	%	EPA 200.8	-88	-88	0	30	
2016/17-1	MO-THO	matrix spike	11/9/2016	Metal	Thallium	Total	=	43.5	µg/L	EPA 200.8	0.014	0.2			
2016/17-1	MO-THO	matrix spike, rec	11/9/2016	Metal	Thallium	Total	=	87	%	EPA 200.8	-88	-88	70	130	
2016/17-1	MO-THO	matrix spike dup	11/9/2016	Metal	Thallium	Total	=	42.3	µg/L	EPA 200.8	0.014	0.2			
2016/17-1	MO-THO	matrix spike dup, rec	11/9/2016	Metal	Thallium	Total	=	84	%	EPA 200.8	-88	-88	70	130	
2016/17-1	MO-THO	matrix spike, RPD	11/9/2016	Metal	Thallium	Total	=	3	%	EPA 200.8	-88	-88	0	30	
2016/17-1	Lab	method blank	11/8/2016	Metal	Zinc	Dissolved	DNQ	1.58	µg/L	EPA 200.8	0.94	5			IP
2016/17-1	Lab	LCS	11/8/2016	Metal	Zinc	Dissolved	=	52.2	µg/L	EPA 200.8	0.94	5			
2016/17-1	Lab	LCS, rec	11/8/2016	Metal	Zinc	Dissolved	=	104	%	EPA 200.8	-88	-88	85	115	
2016/17-1	Lab	method blank	11/9/2016	Metal	Zinc	Dissolved	DNQ	0.98	µg/L	EPA 200.8	0.94	5			IP
2016/17-1	Lab	LCS	11/9/2016	Metal	Zinc	Dissolved	=	50.6	µg/L	EPA 200.8	0.94	5			
2016/17-1	Lab	LCS, rec	11/9/2016	Metal	Zinc	Dissolved	=	101	%	EPA 200.8	-88	-88	85	115	
2016/17-1	Lab	method blank	11/8/2016	Metal	Zinc	Total	<	0.94	µg/L	EPA 200.8	0.94	5			
2016/17-1	Lab	LCS	11/8/2016	Metal	Zinc	Total	=	52.2	µg/L	EPA 200.8	0.94	5			
2016/17-1	Lab	LCS, rec	11/8/2016	Metal	Zinc	Total	=	104	%	EPA 200.8	-88	-88	85	115	
2016/17-1	Lab	method blank	11/9/2016	Metal	Zinc	Total	<	0.94	µg/L	EPA 200.8	0.94	5			
2016/17-1	Lab	LCS	11/9/2016	Metal	Zinc	Total	=	50.6	µg/L	EPA 200.8	0.94	5			
2016/17-1	Lab	LCS, rec	11/9/2016	Metal	Zinc	Total	=	101	%	EPA 200.8	-88	-88	85	115	
2016/17-1	MO-MPK	matrix spike	11/8/2016	Metal	Zinc	Total	=	638	µg/L	EPA 200.8	4.7	25			
2016/17-1	MO-MPK	matrix spike, rec	11/8/2016	Metal	Zinc	Total	=	106	%	EPA 200.8	-88	-88	70	130	
2016/17-1	MO-MPK	matrix spike dup	11/8/2016	Metal	Zinc	Total	=	639	µg/L	EPA 200.8	4.7	25			
2016/17-1	MO-MPK	matrix spike dup, rec	11/8/2016	Metal	Zinc	Total	=	108	%	EPA 200.8	-88	-88	70	130	
2016/17-1	MO-MPK	matrix spike, RPD	11/8/2016	Metal	Zinc	Total	=	0.2	%	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	
2016/17-1	MO-SIM	matrix spike	11/8/2016	Metal	Zinc	Total	=	343	µg/L	EPA 200.8	0.94	5			
2016/17-1	MO-SIM	matrix spike, rec	11/8/2016	Metal	Zinc	Total	=	98	%	EPA 200.8	-88	-88	70	130	
2016/17-1	MO-SIM	matrix spike dup	11/8/2016	Metal	Zinc	Total	=	351	µg/L	EPA 200.8	0.94	5			
2016/17-1	MO-SIM	matrix spike dup, rec	11/8/2016	Metal	Zinc	Total	=	114	%	EPA 200.8	-88	-88	70	130	
2016/17-1	MO-SIM	matrix spike, RPD	11/8/2016	Metal	Zinc	Total	=	2	%	EPA 200.8	-88	-88	0	30	
2016/17-1	MO-THO	matrix spike	11/9/2016	Metal	Zinc	Total	=	129	µg/L	EPA 200.8	0.94	5			
2016/17-1	MO-THO	matrix spike, rec	11/9/2016	Metal	Zinc	Total	=	95	%	EPA 200.8	-88	-88	70	130	
2016/17-1	MO-THO	matrix spike dup	11/9/2016	Metal	Zinc	Total	=	126	µg/L	EPA 200.8	0.94	5			
2016/17-1	MO-THO	matrix spike dup, rec	11/9/2016	Metal	Zinc	Total	=	90	%	EPA 200.8	-88	-88	70	130	
2016/17-1	MO-THO	matrix spike, RPD	11/9/2016	Metal	Zinc	Total	=	2	%	EPA 200.8	-88	-88	0	30	
2016/17-1	000NONPJ	matrix spike	11/1/2016	Nutrient	Ammonia as N	n/a	=	0.265	mg/L	EPA 350.1	0.048	0.1			
2016/17-1	000NONPJ	matrix spike	11/1/2016	Nutrient	Ammonia as N	n/a	=	0.26	mg/L	EPA 350.1	0.048	0.1			
2016/17-1	000NONPJ	matrix spike dup	11/1/2016	Nutrient	Ammonia as N	n/a	=	0.263	mg/L	EPA 350.1	0.048	0.1			
2016/17-1	000NONPJ	matrix spike dup	11/1/2016	Nutrient	Ammonia as N	n/a	=	0.263	mg/L	EPA 350.1	0.048	0.1			
2016/17-1	000NONPJ	matrix spike dup, rec	11/1/2016	Nutrient	Ammonia as N	n/a	=	105	%	EPA 350.1	-88	-88	90	110	
2016/17-1	000NONPJ	matrix spike dup, rec	11/1/2016	Nutrient	Ammonia as N	n/a	=	105	%	EPA 350.1	-88	-88	90	110	
2016/17-1	000NONPJ	matrix spike, rec	11/1/2016	Nutrient	Ammonia as N	n/a	=	106	%	EPA 350.1	-88	-88	90	110	
2016/17-1	000NONPJ	matrix spike, rec	11/1/2016	Nutrient	Ammonia as N	n/a	=	104	%	EPA 350.1	-88	-88	90	110	
2016/17-1	000NONPJ	matrix spike, RPD	11/1/2016	Nutrient	Ammonia as N	n/a	=	1	%	EPA 350.1	-88	-88	0	15	
2016/17-1	000NONPJ	matrix spike, RPD	11/1/2016	Nutrient	Ammonia as N	n/a	=	0.6	%	EPA 350.1	-88	-88	0	15	
2016/17-1	000NONPJ	matrix spike	11/1/2016	Nutrient	Ammonia as N	n/a	=	0.248	mg/L	EPA 350.1	0.048	0.1			
2016/17-1	000NONPJ	matrix spike	11/1/2016	Nutrient	Ammonia as N	n/a	=	0.272	mg/L	EPA 350.1	0.048	0.1			
2016/17-1	000NONPJ	matrix spike dup	11/1/2016	Nutrient	Ammonia as N	n/a	=	0.273	mg/L	EPA 350.1	0.048	0.1			
2016/17-1	000NONPJ	matrix spike dup	11/1/2016	Nutrient	Ammonia as N	n/a	=	0.248	mg/L	EPA 350.1	0.048	0.1			
2016/17-1	000NONPJ	matrix spike dup, rec	11/1/2016	Nutrient	Ammonia as N	n/a	=	99	%	EPA 350.1	-88	-88	90	110	
2016/17-1	000NONPJ	matrix spike dup, rec	11/1/2016	Nutrient	Ammonia as N	n/a	=	109	%	EPA 350.1	-88	-88	90	110	
2016/17-1	000NONPJ	matrix spike, rec	11/1/2016	Nutrient	Ammonia as N	n/a	=	109	%	EPA 350.1	-88	-88	90	110	
2016/17-1	000NONPJ	matrix spike, rec	11/1/2016	Nutrient	Ammonia as N	n/a	=	99	%	EPA 350.1	-88	-88	90	110	
2016/17-1	000NONPJ	matrix spike, RPD	11/1/2016	Nutrient	Ammonia as N	n/a	=	0.2	%	EPA 350.1	-88	-88	0	15	
2016/17-1	000NONPJ	matrix spike, RPD	11/1/2016	Nutrient	Ammonia as N	n/a	=	0.2	%	EPA 350.1	-88	-88	0	15	
2016/17-1	Lab	LCS	11/1/2016	Nutrient	Ammonia as N	n/a	=	0.262	mg/L	EPA 350.1	0.048	0.1			
2016/17-1	Lab	LCS	11/1/2016	Nutrient	Ammonia as N	n/a	=	0.261	mg/L	EPA 350.1	0.048	0.1			
2016/17-1	Lab	LCS, rec	11/1/2016	Nutrient	Ammonia as N	n/a	=	104	%	EPA 350.1	-88	-88	90	110	
2016/17-1	Lab	LCS, rec	11/1/2016	Nutrient	Ammonia as N	n/a	=	105	%	EPA 350.1	-88	-88	90	110	
2016/17-1	Lab	method blank	11/1/2016	Nutrient	Ammonia as N	n/a	<	0.048	mg/L	EPA 350.1	0.048	0.1			
2016/17-1	Lab	method blank	11/1/2016	Nutrient	Ammonia as N	n/a	<	0.048	mg/L	EPA 350.1	0.048	0.1			
2016/17-1	Lab	LCS	11/1/2016	Nutrient	Ammonia as N	n/a	=	0.265	mg/L	EPA 350.1	0.048	0.1			
2016/17-1	Lab	LCS	11/1/2016	Nutrient	Ammonia as N	n/a	=	0.263	mg/L	EPA 350.1	0.048	0.1			
2016/17-1	Lab	LCS, rec	11/1/2016	Nutrient	Ammonia as N	n/a	=	105	%	EPA 350.1	-88	-88	90	110	
2016/17-1	Lab	LCS, rec	11/1/2016	Nutrient	Ammonia as N	n/a	=	106	%	EPA 350.1	-88	-88	90	110	
2016/17-1	Lab	method blank	11/1/2016	Nutrient	Ammonia as N	n/a	<	0.048	mg/L	EPA 350.1	0.048	0.1			
2016/17-1	Lab	method blank	11/1/2016	Nutrient	Ammonia as N	n/a	<	0.048	mg/L	EPA 350.1	0.048	0.1			
2016/17-1	000NONPJ	matrix spike	10/29/2016	Nutrient	Nitrate + Nitrite as N	n/a	=	4.83	mg/L	EPA 353.2	0.041	0.1			
2016/17-1	000NONPJ	matrix spike, rec	10/29/2016	Nutrient	Nitrate + Nitrite as N	n/a	=	96	%	EPA 353.2	-88	-88	90	110	
2016/17-1	000NONPJ	matrix spike dup	10/29/2016	Nutrient	Nitrate + Nitrite as N	n/a	=	4.76	mg/L	EPA 353.2	0.041	0.1			
2016/17-1	000NONPJ	matrix spike dup, rec	10/29/2016	Nutrient	Nitrate + Nitrite as N	n/a	=	92	%	EPA 353.2	-88	-88	90	110	
2016/17-1	000NONPJ	matrix spike, RPD	10/29/2016	Nutrient	Nitrate + Nitrite as N	n/a	=	2	%	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	
2016/17-1	000NONPJ	matrix spike	10/31/2016	Nutrient	Nitrate + Nitrite as N	n/a	=	3.7	mg/L	EPA 353.2	0.041	0.1			
2016/17-1	000NONPJ	matrix spike, rec	10/31/2016	Nutrient	Nitrate + Nitrite as N	n/a	=	96	%	EPA 353.2	-88	-88	90	110	
2016/17-1	000NONPJ	matrix spike dup	10/31/2016	Nutrient	Nitrate + Nitrite as N	n/a	=	3.67	mg/L	EPA 353.2	0.041	0.1			
2016/17-1	000NONPJ	matrix spike dup, rec	10/31/2016	Nutrient	Nitrate + Nitrite as N	n/a	=	94	%	EPA 353.2	-88	-88	90	110	
2016/17-1	000NONPJ	matrix spike, RPD	10/31/2016	Nutrient	Nitrate + Nitrite as N	n/a	=	1	%	EPA 353.2	-88	-88	0	20	
2016/17-1	000NONPJ	matrix spike	10/31/2016	Nutrient	Nitrate + Nitrite as N	n/a	=	3.67	mg/L	EPA 353.2	0.041	0.1			
2016/17-1	000NONPJ	matrix spike, rec	10/31/2016	Nutrient	Nitrate + Nitrite as N	n/a	=	93	%	EPA 353.2	-88	-88	90	110	
2016/17-1	000NONPJ	matrix spike dup	10/31/2016	Nutrient	Nitrate + Nitrite as N	n/a	=	3.68	mg/L	EPA 353.2	0.041	0.1			
2016/17-1	000NONPJ	matrix spike dup, rec	10/31/2016	Nutrient	Nitrate + Nitrite as N	n/a	=	93	%	EPA 353.2	-88	-88	90	110	
2016/17-1	000NONPJ	matrix spike, RPD	10/31/2016	Nutrient	Nitrate + Nitrite as N	n/a	=	0.2	%	EPA 353.2	-88	-88	0	20	
2016/17-1	000NONPJ	matrix spike	10/31/2016	Nutrient	Nitrate + Nitrite as N	n/a	=	4.96	mg/L	EPA 353.2	0.041	0.1			
2016/17-1	000NONPJ	matrix spike, rec	10/31/2016	Nutrient	Nitrate + Nitrite as N	n/a	=	93	%	EPA 353.2	-88	-88	90	110	
2016/17-1	000NONPJ	matrix spike dup	10/31/2016	Nutrient	Nitrate + Nitrite as N	n/a	=	4.92	mg/L	EPA 353.2	0.041	0.1			
2016/17-1	000NONPJ	matrix spike dup, rec	10/31/2016	Nutrient	Nitrate + Nitrite as N	n/a	=	91	%	EPA 353.2	-88	-88	90	110	
2016/17-1	000NONPJ	matrix spike, RPD	10/31/2016	Nutrient	Nitrate + Nitrite as N	n/a	=	0.8	%	EPA 353.2	-88	-88	0	20	
2016/17-1	Lab	method blank	10/29/2016	Nutrient	Nitrate + Nitrite as N	n/a	<	0.041	mg/L	EPA 353.2	0.041	0.1			
2016/17-1	Lab	LCS	10/29/2016	Nutrient	Nitrate + Nitrite as N	n/a	=	0.983	mg/L	EPA 353.2	0.041	0.1			
2016/17-1	Lab	LCS, rec	10/29/2016	Nutrient	Nitrate + Nitrite as N	n/a	=	98	%	EPA 353.2	-88	-88	90	110	
2016/17-1	Lab	method blank	10/31/2016	Nutrient	Nitrate + Nitrite as N	n/a	<	0.041	mg/L	EPA 353.2	0.041	0.1			
2016/17-1	Lab	LCS	10/31/2016	Nutrient	Nitrate + Nitrite as N	n/a	=	0.981	mg/L	EPA 353.2	0.041	0.1			
2016/17-1	Lab	LCS, rec	10/31/2016	Nutrient	Nitrate + Nitrite as N	n/a	=	98	%	EPA 353.2	-88	-88	90	110	
2016/17-1	Lab	method blank	10/31/2016	Nutrient	Nitrate + Nitrite as N	n/a	<	0.041	mg/L	EPA 353.2	0.041	0.1			
2016/17-1	Lab	LCS	10/31/2016	Nutrient	Nitrate + Nitrite as N	n/a	=	0.982	mg/L	EPA 353.2	0.041	0.1			
2016/17-1	Lab	LCS, rec	10/31/2016	Nutrient	Nitrate + Nitrite as N	n/a	=	98	%	EPA 353.2	-88	-88	90	110	
2016/17-1	000NONPJ	matrix spike	10/29/2016	Nutrient	Nitrate as N	n/a	=	4.83	mg/L	EPA 353.2	0.041	0.1			
2016/17-1	000NONPJ	matrix spike, rec	10/29/2016	Nutrient	Nitrate as N	n/a	=	96	%	EPA 353.2	-88	-88	90	110	
2016/17-1	000NONPJ	matrix spike dup	10/29/2016	Nutrient	Nitrate as N	n/a	=	4.76	mg/L	EPA 353.2	0.041	0.1			
2016/17-1	000NONPJ	matrix spike dup, rec	10/29/2016	Nutrient	Nitrate as N	n/a	=	92	%	EPA 353.2	-88	-88	90	110	
2016/17-1	000NONPJ	matrix spike, RPD	10/29/2016	Nutrient	Nitrate as N	n/a	=	2	%	EPA 353.2	-88	-88	0	20	
2016/17-1	Lab	method blank	10/29/2016	Nutrient	Nitrate as N	n/a	<	0.041	mg/L	EPA 353.2	0.041	0.1			
2016/17-1	Lab	LCS	10/29/2016	Nutrient	Nitrate as N	n/a	=	0.983	mg/L	EPA 353.2	0.041	0.1			
2016/17-1	Lab	LCS, rec	10/29/2016	Nutrient	Nitrate as N	n/a	=	98	%	EPA 353.2	-88	-88	90	110	
2016/17-1	Lab	method blank	11/10/2016	Nutrient	Phosphorus as P	Dissolved	<	0.0014	mg/L	EPA 365.1	0.0014	0.01			
2016/17-1	Lab	LCS	11/10/2016	Nutrient	Phosphorus as P	Dissolved	=	0.0897	mg/L	EPA 365.1	0.0014	0.01			
2016/17-1	Lab	LCS, rec	11/10/2016	Nutrient	Phosphorus as P	Dissolved	=	90	%	EPA 365.1	-88	-88	90	110	
2016/17-1	ME-VR2	matrix spike	11/10/2016	Nutrient	Phosphorus as P	Dissolved	=	0.104	mg/L	EPA 365.1	0.0014	0.01			
2016/17-1	ME-VR2	matrix spike, rec	11/10/2016	Nutrient	Phosphorus as P	Dissolved	=	103	%	EPA 365.1	-88	-88	90	110	
2016/17-1	ME-VR2	matrix spike dup	11/10/2016	Nutrient	Phosphorus as P	Dissolved	=	0.103	mg/L	EPA 365.1	0.0014	0.01			
2016/17-1	ME-VR2	matrix spike dup, rec	11/10/2016	Nutrient	Phosphorus as P	Dissolved	=	101	%	EPA 365.1	-88	-88	90	110	
2016/17-1	ME-VR2	matrix spike, RPD	11/10/2016	Nutrient	Phosphorus as P	Dissolved	=	1	%	EPA 365.1	-88	-88	0	20	
2016/17-1	MO-THO	matrix spike	11/10/2016	Nutrient	Phosphorus as P	Dissolved	=	0.127	mg/L	EPA 365.1	0.0014	0.01			
2016/17-1	MO-THO	matrix spike, rec	11/10/2016	Nutrient	Phosphorus as P	Dissolved	=	101	%	EPA 365.1	-88	-88	90	110	
2016/17-1	MO-THO	matrix spike dup	11/10/2016	Nutrient	Phosphorus as P	Dissolved	=	0.125	mg/L	EPA 365.1	0.0014	0.01			
2016/17-1	MO-THO	matrix spike dup, rec	11/10/2016	Nutrient	Phosphorus as P	Dissolved	=	97	%	EPA 365.1	-88	-88	90	110	
2016/17-1	MO-THO	matrix spike, RPD	11/10/2016	Nutrient	Phosphorus as P	Dissolved	=	2	%	EPA 365.1	-88	-88	0	20	
2016/17-1	Lab	method blank	11/7/2016	Nutrient	Phosphorus as P	Total	DNQ	0.0017	mg/L	EPA 365.1	0.0014	0.01			IP
2016/17-1	Lab	LCS	11/7/2016	Nutrient	Phosphorus as P	Total	=	0.0475	mg/L	EPA 365.1	0.0014	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	
2016/17-1	Lab	LCS, rec	11/7/2016	Nutrient	Phosphorus as P	Total	=	95	%	EPA 365.1	-88	-88	90	110	
2016/17-1	ME-VR2	matrix spike	11/7/2016	Nutrient	Phosphorus as P	Total	=	0.153	mg/L	EPA 365.1	0.0014	0.01			
2016/17-1	ME-VR2	matrix spike, rec	11/7/2016	Nutrient	Phosphorus as P	Total	=	107	%	EPA 365.1	-88	-88	90	110	
2016/17-1	ME-VR2	matrix spike dup	11/7/2016	Nutrient	Phosphorus as P	Total	=	0.149	mg/L	EPA 365.1	0.0014	0.01			
2016/17-1	ME-VR2	matrix spike dup, rec	11/7/2016	Nutrient	Phosphorus as P	Total	=	99	%	EPA 365.1	-88	-88	90	110	
2016/17-1	ME-VR2	matrix spike, RPD	11/7/2016	Nutrient	Phosphorus as P	Total	=	3	%	EPA 365.1	-88	-88	0	20	
2016/17-1	MO-THO	matrix spike	11/7/2016	Nutrient	Phosphorus as P	Total	=	0.848	mg/L	EPA 365.1	0.014	0.1			GB
2016/17-1	MO-THO	matrix spike, rec	11/7/2016	Nutrient	Phosphorus as P	Total	=	69	%	EPA 365.1	-88	-88	90	110	GB
2016/17-1	MO-THO	matrix spike dup	11/7/2016	Nutrient	Phosphorus as P	Total	=	0.874	mg/L	EPA 365.1	0.014	0.1			
2016/17-1	MO-THO	matrix spike dup, rec	11/7/2016	Nutrient	Phosphorus as P	Total	=	95	%	EPA 365.1	-88	-88	90	110	
2016/17-1	MO-THO	matrix spike, RPD	11/7/2016	Nutrient	Phosphorus as P	Total	=	3	%	EPA 365.1	-88	-88	0	20	
2016/17-1	000NONPJ	matrix spike	11/7/2016	Nutrient	TKN	n/a	=	1.17	mg/L	EPA 351.2	0.05	0.1			
2016/17-1	000NONPJ	matrix spike	11/7/2016	Nutrient	TKN	n/a	=	1.23	mg/L	EPA 351.2	0.05	0.1			
2016/17-1	000NONPJ	matrix spike dup	11/7/2016	Nutrient	TKN	n/a	=	1.24	mg/L	EPA 351.2	0.05	0.1			
2016/17-1	000NONPJ	matrix spike dup	11/7/2016	Nutrient	TKN	n/a	=	1.19	mg/L	EPA 351.2	0.05	0.1			
2016/17-1	000NONPJ	matrix spike dup, rec	11/7/2016	Nutrient	TKN	n/a	=	94	%	EPA 351.2	-88	-88	90	110	
2016/17-1	000NONPJ	matrix spike dup, rec	11/7/2016	Nutrient	TKN	n/a	=	100	%	EPA 351.2	-88	-88	90	110	
2016/17-1	000NONPJ	matrix spike, rec	11/7/2016	Nutrient	TKN	n/a	=	99	%	EPA 351.2	-88	-88	90	110	
2016/17-1	000NONPJ	matrix spike, rec	11/7/2016	Nutrient	TKN	n/a	=	92	%	EPA 351.2	-88	-88	90	110	
2016/17-1	000NONPJ	matrix spike, RPD	11/7/2016	Nutrient	TKN	n/a	=	0.6	%	EPA 351.2	-88	-88	0	10	
2016/17-1	000NONPJ	matrix spike, RPD	11/7/2016	Nutrient	TKN	n/a	=	1	%	EPA 351.2	-88	-88	0	10	
2016/17-1	Lab	LCS	11/7/2016	Nutrient	TKN	n/a	=	0.992	mg/L	EPA 351.2	0.05	0.1			
2016/17-1	Lab	LCS	11/7/2016	Nutrient	TKN	n/a	=	0.953	mg/L	EPA 351.2	0.05	0.1			
2016/17-1	Lab	LCS, rec	11/7/2016	Nutrient	TKN	n/a	=	99	%	EPA 351.2	-88	-88	90	110	
2016/17-1	Lab	LCS, rec	11/7/2016	Nutrient	TKN	n/a	=	95	%	EPA 351.2	-88	-88	90	110	
2016/17-1	Lab	method blank	11/7/2016	Nutrient	TKN	n/a	<	0.05	mg/L	EPA 351.2	0.05	0.1			
2016/17-1	Lab	method blank	11/7/2016	Nutrient	TKN	n/a	<	0.05	mg/L	EPA 351.2	0.05	0.1			
2016/17-1	Lab	method blank	11/15/2016	Organic	1,2,4-Trichlorobenzene	n/a	<	0.55	µg/L	EPA 625	0.55	1			
2016/17-1	Lab	LCS dup	11/15/2016	Organic	1,2,4-Trichlorobenzene	n/a	=	22.9	µg/L	EPA 625	0.55	1			
2016/17-1	Lab	LCS dup, rec	11/15/2016	Organic	1,2,4-Trichlorobenzene	n/a	=	92	%	EPA 625	-88	-88	44	142	
2016/17-1	Lab	LCS, RPD	11/15/2016	Organic	1,2,4-Trichlorobenzene	n/a	=	13	%	EPA 625	-88	-88	0	30	
2016/17-1	Lab	LCS	11/15/2016	Organic	1,2,4-Trichlorobenzene	n/a	=	20	µg/L	EPA 625	0.55	1			
2016/17-1	Lab	LCS, rec	11/15/2016	Organic	1,2,4-Trichlorobenzene	n/a	=	80	%	EPA 625	-88	-88	44	142	
2016/17-1	Lab	method blank	11/15/2016	Organic	1,2-Dichlorobenzene	n/a	<	0.57	µg/L	EPA 625	0.57	1			
2016/17-1	Lab	LCS dup	11/15/2016	Organic	1,2-Dichlorobenzene	n/a	=	20.9	µg/L	EPA 625	0.57	1			
2016/17-1	Lab	LCS dup, rec	11/15/2016	Organic	1,2-Dichlorobenzene	n/a	=	83	%	EPA 625	-88	-88	32	129	
2016/17-1	Lab	LCS, RPD	11/15/2016	Organic	1,2-Dichlorobenzene	n/a	=	6	%	EPA 625	-88	-88	0	30	
2016/17-1	Lab	LCS	11/15/2016	Organic	1,2-Dichlorobenzene	n/a	=	19.6	µg/L	EPA 625	0.57	1			
2016/17-1	Lab	LCS, rec	11/15/2016	Organic	1,2-Dichlorobenzene	n/a	=	78	%	EPA 625	-88	-88	32	129	
2016/17-1	000NONPJ	srgt matrix spike	11/2/2016	Organic	1,2-Dichloroethane-d4	n/a	=	51.6	µg/L	EPA 624	-88	-88			
2016/17-1	000NONPJ	srgt matrix spike, rec	11/2/2016	Organic	1,2-Dichloroethane-d4	n/a	=	103	%	EPA 624	-88	-88	82	125	
2016/17-1	000NONPJ	srgt matrix spike dup	11/2/2016	Organic	1,2-Dichloroethane-d4	n/a	=	50.5	µg/L	EPA 624	-88	-88			
2016/17-1	000NONPJ	srgt matrix spike dup, rec	11/2/2016	Organic	1,2-Dichloroethane-d4	n/a	=	101	%	EPA 624	-88	-88	82	125	
2016/17-1	Lab	srgt LCS dup	11/1/2016	Organic	1,2-Dichloroethane-d4	n/a	=	50.4	µg/L	EPA 624	-88	-88			
2016/17-1	Lab	srgt LCS dup, rec	11/1/2016	Organic	1,2-Dichloroethane-d4	n/a	=	101	%	EPA 624	-88	-88	82	125	
2016/17-1	Lab	srgt LCS	11/2/2016	Organic	1,2-Dichloroethane-d4	n/a	=	50	µg/L	EPA 624	-88	-88			
2016/17-1	Lab	srgt LCS, rec	11/2/2016	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	
2016/17-1	ME-CC	srgt environ	11/2/2016	Organic	1,2-Dichloroethane-d4	n/a	=	50.2	µg/L	EPA 624	-88	-88			
2016/17-1	ME-CC	srgt environ, rec	11/2/2016	Organic	1,2-Dichloroethane-d4	n/a	=	100	%	EPA 624	-88	-88	82	125	
2016/17-1	ME-VR2	srgt environ	11/2/2016	Organic	1,2-Dichloroethane-d4	n/a	=	50.5	µg/L	EPA 624	-88	-88			
2016/17-1	ME-VR2	srgt environ, rec	11/2/2016	Organic	1,2-Dichloroethane-d4	n/a	=	101	%	EPA 624	-88	-88	82	125	
2016/17-1	MO-FIL	srgt environ	11/2/2016	Organic	1,2-Dichloroethane-d4	n/a	=	51.4	µg/L	EPA 624	-88	-88			
2016/17-1	MO-FIL	srgt environ, rec	11/2/2016	Organic	1,2-Dichloroethane-d4	n/a	=	103	%	EPA 624	-88	-88	82	125	
2016/17-1	MO-MEI	srgt environ	11/2/2016	Organic	1,2-Dichloroethane-d4	n/a	=	50.7	µg/L	EPA 624	-88	-88			
2016/17-1	MO-MEI	srgt environ, rec	11/2/2016	Organic	1,2-Dichloroethane-d4	n/a	=	101	%	EPA 624	-88	-88	82	125	
2016/17-1	MO-MPK	srgt environ	11/2/2016	Organic	1,2-Dichloroethane-d4	n/a	=	51.5	µg/L	EPA 624	-88	-88			
2016/17-1	MO-MPK	srgt environ, rec	11/2/2016	Organic	1,2-Dichloroethane-d4	n/a	=	103	%	EPA 624	-88	-88	82	125	
2016/17-1	MO-OJA	srgt environ	11/2/2016	Organic	1,2-Dichloroethane-d4	n/a	=	51.2	µg/L	EPA 624	-88	-88			
2016/17-1	MO-OJA	srgt environ, rec	11/2/2016	Organic	1,2-Dichloroethane-d4	n/a	=	102	%	EPA 624	-88	-88	82	125	
2016/17-1	MO-OXN	srgt environ	11/2/2016	Organic	1,2-Dichloroethane-d4	n/a	=	50.8	µg/L	EPA 624	-88	-88			
2016/17-1	MO-OXN	srgt environ, rec	11/2/2016	Organic	1,2-Dichloroethane-d4	n/a	=	102	%	EPA 624	-88	-88	82	125	
2016/17-1	MO-SIM	srgt environ	11/2/2016	Organic	1,2-Dichloroethane-d4	n/a	=	50.4	µg/L	EPA 624	-88	-88			
2016/17-1	MO-SIM	srgt environ, rec	11/2/2016	Organic	1,2-Dichloroethane-d4	n/a	=	101	%	EPA 624	-88	-88	82	125	
2016/17-1	MO-SPA	srgt environ	11/2/2016	Organic	1,2-Dichloroethane-d4	n/a	=	50.7	µg/L	EPA 624	-88	-88			
2016/17-1	MO-SPA	srgt environ, rec	11/2/2016	Organic	1,2-Dichloroethane-d4	n/a	=	101	%	EPA 624	-88	-88	82	125	
2016/17-1	MO-THO	srgt environ	11/2/2016	Organic	1,2-Dichloroethane-d4	n/a	=	51.5	µg/L	EPA 624	-88	-88			
2016/17-1	MO-THO	srgt environ, rec	11/2/2016	Organic	1,2-Dichloroethane-d4	n/a	=	103	%	EPA 624	-88	-88	82	125	
2016/17-1	MO-VEN	srgt environ	11/2/2016	Organic	1,2-Dichloroethane-d4	n/a	=	50.1	µg/L	EPA 624	-88	-88			
2016/17-1	MO-VEN	srgt environ, rec	11/2/2016	Organic	1,2-Dichloroethane-d4	n/a	=	100	%	EPA 624	-88	-88	82	125	
2016/17-1	MO-VEN	srgt field duplicate	11/2/2016	Organic	1,2-Dichloroethane-d4	n/a	=	50.8	µg/L	EPA 624	-88	-88			
2016/17-1	MO-VEN	srgt field duplicate, rec	11/2/2016	Organic	1,2-Dichloroethane-d4	n/a	=	102	%	EPA 624	-88	-88	82	125	
2016/17-1	Lab	method blank	11/15/2016	Organic	1,2-Diphenylhydrazine	n/a	<	0.25	µg/L	EPA 625	0.25	1			
2016/17-1	Lab	method blank	11/15/2016	Organic	1,3-Dichlorobenzene	n/a	<	0.53	µg/L	EPA 625	0.53	1			
2016/17-1	Lab	LCS dup	11/15/2016	Organic	1,3-Dichlorobenzene	n/a	=	19.2	µg/L	EPA 625	0.53	1			
2016/17-1	Lab	LCS dup, rec	11/15/2016	Organic	1,3-Dichlorobenzene	n/a	=	77	%	EPA 625	-88	-88	0.1	172	
2016/17-1	Lab	LCS, RPD	11/15/2016	Organic	1,3-Dichlorobenzene	n/a	=	3	%	EPA 625	-88	-88	0	30	
2016/17-1	Lab	LCS	11/15/2016	Organic	1,3-Dichlorobenzene	n/a	=	18.6	µg/L	EPA 625	0.53	1			
2016/17-1	Lab	LCS, rec	11/15/2016	Organic	1,3-Dichlorobenzene	n/a	=	74	%	EPA 625	-88	-88	0.1	172	
2016/17-1	000NONPJ	srgt matrix spike	11/8/2016	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	0.463	µg/L	EPA 525.2m	-88	-88			
2016/17-1	000NONPJ	srgt matrix spike, rec	11/8/2016	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	93	%	EPA 525.2m	-88	-88	76	128	
2016/17-1	000NONPJ	srgt matrix spike dup	11/8/2016	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	0.457	µg/L	EPA 525.2m	-88	-88			
2016/17-1	000NONPJ	srgt matrix spike dup, rec	11/8/2016	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	91	%	EPA 525.2m	-88	-88	76	128	
2016/17-1	000NONPJ	srgt matrix spike	11/15/2016	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	0.437	µg/L	EPA 525.2m	-88	-88			
2016/17-1	000NONPJ	srgt matrix spike, rec	11/15/2016	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	87	%	EPA 525.2m	-88	-88	76	128	
2016/17-1	000NONPJ	srgt matrix spike dup	11/15/2016	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	0.451	µg/L	EPA 525.2m	-88	-88			
2016/17-1	000NONPJ	srgt matrix spike dup, rec	11/15/2016	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	90	%	EPA 525.2m	-88	-88	76	128	
2016/17-1	Lab	srgt method blank	11/8/2016	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	0.491	µg/L	EPA 525.2m	-88	-88			
2016/17-1	Lab	srgt method blank, rec	11/8/2016	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	98	%	EPA 525.2m	-88	-88	76	128	
2016/17-1	Lab	srgt LCS	11/8/2016	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	0.487	µg/L	EPA 525.2m	-88	-88			
2016/17-1	Lab	srgt LCS, rec	11/8/2016	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	97	%	EPA 525.2m	-88	-88	76	128	
2016/17-1	Lab	srgt method blank	11/11/2016	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	4.65	µg/L	EPA 525.2	-88	-88			
2016/17-1	Lab	srgt method blank, rec	11/11/2016	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	93	%	EPA 525.2	-88	-88	73	138	
2016/17-1	Lab	srgt LCS	11/11/2016	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	4.84	µg/L	EPA 525.2	-88	-88			
2016/17-1	Lab	srgt LCS, rec	11/11/2016	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	97	%	EPA 525.2	-88	-88	73	138	

Appendix F
Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2016/17-1	Lab	srgt LCS dup	11/11/2016	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	4.88	µg/L	EPA 525.2	-88	-88			
2016/17-1	Lab	srgt LCS dup, rec	11/11/2016	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	98	%	EPA 525.2	-88	-88	73	138	
2016/17-1	Lab	srgt method blank	11/14/2016	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	4.66	µg/L	EPA 525.2	-88	-88			
2016/17-1	Lab	srgt method blank, rec	11/14/2016	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	93	%	EPA 525.2	-88	-88	73	138	
2016/17-1	Lab	srgt LCS dup	11/14/2016	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	4.93	µg/L	EPA 525.2	-88	-88			
2016/17-1	Lab	srgt LCS dup, rec	11/14/2016	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	99	%	EPA 525.2	-88	-88	73	138	
2016/17-1	Lab	srgt LCS	11/14/2016	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	4.81	µg/L	EPA 525.2	-88	-88			
2016/17-1	Lab	srgt LCS, rec	11/14/2016	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	96	%	EPA 525.2	-88	-88	73	138	
2016/17-1	Lab	srgt method blank	11/15/2016	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	0.394	µg/L	EPA 525.2m	-88	-88			
2016/17-1	Lab	srgt method blank, rec	11/15/2016	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	79	%	EPA 525.2m	-88	-88	76	128	
2016/17-1	Lab	srgt LCS	11/15/2016	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	0.37	µg/L	EPA 525.2m	-88	-88			GN
2016/17-1	Lab	srgt LCS, rec	11/15/2016	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	74	%	EPA 525.2m	-88	-88	76	128	GN
2016/17-1	ME-CC	srgt environ	11/8/2016	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	0.46	µg/L	EPA 525.2m	-88	-88			
2016/17-1	ME-CC	srgt environ, rec	11/8/2016	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	92	%	EPA 525.2m	-88	-88	76	128	
2016/17-1	ME-CC	srgt environ	11/11/2016	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	5.18	µg/L	EPA 525.2	-88	-88			
2016/17-1	ME-CC	srgt environ, rec	11/11/2016	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	104	%	EPA 525.2	-88	-88	73	138	
2016/17-1	ME-VR2	srgt environ	11/8/2016	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	0.422	µg/L	EPA 525.2m	-88	-88			
2016/17-1	ME-VR2	srgt environ, rec	11/8/2016	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	84	%	EPA 525.2m	-88	-88	76	128	
2016/17-1	ME-VR2	srgt environ	11/11/2016	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	5.1	µg/L	EPA 525.2	-88	-88			
2016/17-1	ME-VR2	srgt environ, rec	11/11/2016	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	102	%	EPA 525.2	-88	-88	73	138	
2016/17-1	MO-FIL	srgt environ	11/8/2016	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	0.399	µg/L	EPA 525.2m	-88	-88			
2016/17-1	MO-FIL	srgt environ, rec	11/8/2016	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	80	%	EPA 525.2m	-88	-88	76	128	
2016/17-1	MO-FIL	srgt environ	11/11/2016	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	5.23	µg/L	EPA 525.2	-88	-88			
2016/17-1	MO-FIL	srgt environ, rec	11/11/2016	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	105	%	EPA 525.2	-88	-88	73	138	
2016/17-1	MO-MEI	srgt environ	11/8/2016	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	0.403	µg/L	EPA 525.2m	-88	-88			
2016/17-1	MO-MEI	srgt environ, rec	11/8/2016	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	81	%	EPA 525.2m	-88	-88	76	128	
2016/17-1	MO-MEI	srgt environ	11/11/2016	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	5.3	µg/L	EPA 525.2	-88	-88			
2016/17-1	MO-MEI	srgt environ, rec	11/11/2016	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	106	%	EPA 525.2	-88	-88	73	138	
2016/17-1	MO-MPK	srgt environ	11/8/2016	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	0.387	µg/L	EPA 525.2m	-88	-88			
2016/17-1	MO-MPK	srgt environ, rec	11/8/2016	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	77	%	EPA 525.2m	-88	-88	76	128	
2016/17-1	MO-MPK	srgt environ	11/11/2016	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	4.98	µg/L	EPA 525.2	-88	-88			
2016/17-1	MO-MPK	srgt environ, rec	11/11/2016	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	100	%	EPA 525.2	-88	-88	73	138	
2016/17-1	MO-OJA	srgt environ	11/8/2016	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	0.444	µg/L	EPA 525.2m	-88	-88			
2016/17-1	MO-OJA	srgt environ, rec	11/8/2016	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	89	%	EPA 525.2m	-88	-88	76	128	
2016/17-1	MO-OJA	srgt environ	11/11/2016	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	5.42	µg/L	EPA 525.2	-88	-88			
2016/17-1	MO-OJA	srgt environ, rec	11/11/2016	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	108	%	EPA 525.2	-88	-88	73	138	
2016/17-1	MO-OXN	srgt environ	11/8/2016	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	0.471	µg/L	EPA 525.2m	-88	-88			
2016/17-1	MO-OXN	srgt environ, rec	11/8/2016	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	94	%	EPA 525.2m	-88	-88	76	128	
2016/17-1	MO-OXN	srgt environ	11/11/2016	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	5.4	µg/L	EPA 525.2	-88	-88			
2016/17-1	MO-OXN	srgt environ, rec	11/11/2016	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	108	%	EPA 525.2	-88	-88	73	138	
2016/17-1	MO-SIM	srgt environ	11/8/2016	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	0.463	µg/L	EPA 525.2m	-88	-88			
2016/17-1	MO-SIM	srgt environ, rec	11/8/2016	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	93	%	EPA 525.2m	-88	-88	76	128	
2016/17-1	MO-SIM	srgt environ	11/11/2016	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	6.43	µg/L	EPA 525.2	-88	-88			
2016/17-1	MO-SIM	srgt environ, rec	11/11/2016	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	129	%	EPA 525.2	-88	-88	73	138	
2016/17-1	MO-SPA	srgt environ	11/8/2016	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	0.417	µg/L	EPA 525.2m	-88	-88			
2016/17-1	MO-SPA	srgt environ, rec	11/8/2016	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	83	%	EPA 525.2m	-88	-88	76	128	
2016/17-1	MO-SPA	srgt environ	11/11/2016	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	5.77	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	
2016/17-1	MO-SPA	srgt environ, rec	11/11/2016	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	115	%	EPA 525.2	-88	-88	73	138	
2016/17-1	MO-THO	srgt environ	11/11/2016	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	5.28	µg/L	EPA 525.2	-88	-88			
2016/17-1	MO-THO	srgt environ, rec	11/11/2016	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	106	%	EPA 525.2	-88	-88	73	138	
2016/17-1	MO-THO	srgt environ	11/15/2016	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	0.379	µg/L	EPA 525.2m	-88	-88			
2016/17-1	MO-THO	srgt environ, rec	11/15/2016	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	76	%	EPA 525.2m	-88	-88	76	128	
2016/17-1	MO-VEN	srgt environ	11/8/2016	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	0.406	µg/L	EPA 525.2m	-88	-88			
2016/17-1	MO-VEN	srgt environ, rec	11/8/2016	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	81	%	EPA 525.2m	-88	-88	76	128	
2016/17-1	Lab	method blank	11/15/2016	Organic	1,4-Dichlorobenzene	n/a	<	0.55	µg/L	EPA 625	0.55	1			
2016/17-1	Lab	LCS dup	11/15/2016	Organic	1,4-Dichlorobenzene	n/a	=	20.1	µg/L	EPA 625	0.55	1			
2016/17-1	Lab	LCS dup, rec	11/15/2016	Organic	1,4-Dichlorobenzene	n/a	=	80	%	EPA 625	-88	-88	20	124	
2016/17-1	Lab	LCS, RPD	11/15/2016	Organic	1,4-Dichlorobenzene	n/a	=	2	%	EPA 625	-88	-88	0	30	
2016/17-1	Lab	LCS	11/15/2016	Organic	1,4-Dichlorobenzene	n/a	=	19.6	µg/L	EPA 625	0.55	1			
2016/17-1	Lab	LCS, rec	11/15/2016	Organic	1,4-Dichlorobenzene	n/a	=	79	%	EPA 625	-88	-88	20	124	
2016/17-1	Lab	method blank	11/30/2016	Organic	1-Methylnaphthalene	n/a	<	0.1	µg/L	EPA 8270C	0.1	0.1			
2016/17-1	Lab	method blank	11/30/2016	Organic	2,4,5-Trichlorophenol	n/a	<	0.29	µg/L	EPA 8270C	0.29	1			
2016/17-1	Lab	srgt method blank	11/15/2016	Organic	2,4,6-Tribromophenol	n/a	=	34.9	µg/L	EPA 625	-88	-88			
2016/17-1	Lab	srgt method blank, rec	11/15/2016	Organic	2,4,6-Tribromophenol	n/a	=	70	%	EPA 625	-88	-88	25	102	
2016/17-1	Lab	srgt LCS dup	11/15/2016	Organic	2,4,6-Tribromophenol	n/a	=	41.8	µg/L	EPA 625	-88	-88			
2016/17-1	Lab	srgt LCS dup, rec	11/15/2016	Organic	2,4,6-Tribromophenol	n/a	=	84	%	EPA 625	-88	-88	25	102	
2016/17-1	Lab	srgt LCS	11/15/2016	Organic	2,4,6-Tribromophenol	n/a	=	42.3	µg/L	EPA 625	-88	-88			
2016/17-1	Lab	srgt LCS, rec	11/15/2016	Organic	2,4,6-Tribromophenol	n/a	=	85	%	EPA 625	-88	-88	25	102	
2016/17-1	Lab	srgt method blank	11/30/2016	Organic	2,4,6-Tribromophenol	n/a	=	6.62	µg/L	EPA 8270C	-88	-88			
2016/17-1	Lab	srgt method blank, rec	11/30/2016	Organic	2,4,6-Tribromophenol	n/a	=	66	%	EPA 8270C	-88	-88	26	117	
2016/17-1	Lab	srgt LCS	11/30/2016	Organic	2,4,6-Tribromophenol	n/a	=	8.98	µg/L	EPA 8270C	-88	-88			
2016/17-1	Lab	srgt LCS, rec	11/30/2016	Organic	2,4,6-Tribromophenol	n/a	=	90	%	EPA 8270C	-88	-88	26	117	
2016/17-1	Lab	srgt LCS dup	11/30/2016	Organic	2,4,6-Tribromophenol	n/a	=	9.48	µg/L	EPA 8270C	-88	-88			
2016/17-1	Lab	srgt LCS dup, rec	11/30/2016	Organic	2,4,6-Tribromophenol	n/a	=	95	%	EPA 8270C	-88	-88	26	117	
2016/17-1	Lab	srgt method blank	12/3/2016	Organic	2,4,6-Tribromophenol	n/a	=	6.48	µg/L	EPA 625	-88	-88			
2016/17-1	Lab	srgt method blank, rec	12/3/2016	Organic	2,4,6-Tribromophenol	n/a	=	65	%	EPA 625	-88	-88	25	102	
2016/17-1	Lab	srgt LCS	12/3/2016	Organic	2,4,6-Tribromophenol	n/a	=	7.14	µg/L	EPA 625	-88	-88			
2016/17-1	Lab	srgt LCS, rec	12/3/2016	Organic	2,4,6-Tribromophenol	n/a	=	71	%	EPA 625	-88	-88	25	102	
2016/17-1	Lab	srgt LCS dup	12/3/2016	Organic	2,4,6-Tribromophenol	n/a	=	6.12	µg/L	EPA 625	-88	-88			
2016/17-1	Lab	srgt LCS dup, rec	12/3/2016	Organic	2,4,6-Tribromophenol	n/a	=	61	%	EPA 625	-88	-88	25	102	
2016/17-1	ME-CC	srgt environ	11/15/2016	Organic	2,4,6-Tribromophenol	n/a	=	39.9	µg/L	EPA 625	-88	-88			
2016/17-1	ME-CC	srgt environ, rec	11/15/2016	Organic	2,4,6-Tribromophenol	n/a	=	40	%	EPA 625	-88	-88	25	102	
2016/17-1	ME-CC	srgt environ	12/1/2016	Organic	2,4,6-Tribromophenol	n/a	=	8.63	µg/L	EPA 8270C	-88	-88			
2016/17-1	ME-CC	srgt environ, rec	12/1/2016	Organic	2,4,6-Tribromophenol	n/a	=	86	%	EPA 8270C	-88	-88	26	117	
2016/17-1	ME-CC	srgt environ	12/3/2016	Organic	2,4,6-Tribromophenol	n/a	=	7.09	µg/L	EPA 625	-88	-88			
2016/17-1	ME-CC	srgt environ, rec	12/3/2016	Organic	2,4,6-Tribromophenol	n/a	=	71	%	EPA 625	-88	-88	25	102	
2016/17-1	ME-VR2	srgt environ	11/15/2016	Organic	2,4,6-Tribromophenol	n/a	=	42.3	µg/L	EPA 625	-88	-88			
2016/17-1	ME-VR2	srgt environ, rec	11/15/2016	Organic	2,4,6-Tribromophenol	n/a	=	85	%	EPA 625	-88	-88	25	102	
2016/17-1	ME-VR2	srgt environ	12/1/2016	Organic	2,4,6-Tribromophenol	n/a	=	8.34	µg/L	EPA 8270C	-88	-88			
2016/17-1	ME-VR2	srgt environ, rec	12/1/2016	Organic	2,4,6-Tribromophenol	n/a	=	83	%	EPA 8270C	-88	-88	26	117	
2016/17-1	MO-FIL	srgt environ	11/15/2016	Organic	2,4,6-Tribromophenol	n/a	=	48.2	µg/L	EPA 625	-88	-88			
2016/17-1	MO-FIL	srgt environ, rec	11/15/2016	Organic	2,4,6-Tribromophenol	n/a	=	96	%	EPA 625	-88	-88	25	102	
2016/17-1	MO-FIL	srgt environ	12/1/2016	Organic	2,4,6-Tribromophenol	n/a	=	7.2	µg/L	EPA 8270C	-88	-88			
2016/17-1	MO-FIL	srgt environ, rec	12/1/2016	Organic	2,4,6-Tribromophenol	n/a	=	72	%	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	
2016/17-1	MO-MEI	srgt environ	11/15/2016	Organic	2,4,6-Tribromophenol	n/a	=	49.4	µg/L	EPA 625	-88	-88			
2016/17-1	MO-MEI	srgt environ, rec	11/15/2016	Organic	2,4,6-Tribromophenol	n/a	=	99	%	EPA 625	-88	-88	25	102	
2016/17-1	MO-MEI	srgt environ	11/30/2016	Organic	2,4,6-Tribromophenol	n/a	=	9.1	µg/L	EPA 8270C	-88	-88			
2016/17-1	MO-MEI	srgt environ, rec	11/30/2016	Organic	2,4,6-Tribromophenol	n/a	=	91	%	EPA 8270C	-88	-88	26	117	
2016/17-1	MO-MPK	srgt environ	11/15/2016	Organic	2,4,6-Tribromophenol	n/a	=	37	µg/L	EPA 625	-88	-88			
2016/17-1	MO-MPK	srgt environ, rec	11/15/2016	Organic	2,4,6-Tribromophenol	n/a	=	74	%	EPA 625	-88	-88	25	102	
2016/17-1	MO-MPK	srgt environ	12/1/2016	Organic	2,4,6-Tribromophenol	n/a	=	8.6	µg/L	EPA 8270C	-88	-88			
2016/17-1	MO-MPK	srgt environ, rec	12/1/2016	Organic	2,4,6-Tribromophenol	n/a	=	86	%	EPA 8270C	-88	-88	26	117	
2016/17-1	MO-OJA	srgt environ	11/15/2016	Organic	2,4,6-Tribromophenol	n/a	=	41.6	µg/L	EPA 625	-88	-88			
2016/17-1	MO-OJA	srgt environ, rec	11/15/2016	Organic	2,4,6-Tribromophenol	n/a	=	83	%	EPA 625	-88	-88	25	102	
2016/17-1	MO-OJA	srgt environ	11/30/2016	Organic	2,4,6-Tribromophenol	n/a	=	7.4	µg/L	EPA 8270C	-88	-88			
2016/17-1	MO-OJA	srgt environ, rec	11/30/2016	Organic	2,4,6-Tribromophenol	n/a	=	74	%	EPA 8270C	-88	-88	26	117	
2016/17-1	MO-OJA	srgt environ	12/3/2016	Organic	2,4,6-Tribromophenol	n/a	=	4.55	µg/L	EPA 625	-88	-88			
2016/17-1	MO-OJA	srgt environ, rec	12/3/2016	Organic	2,4,6-Tribromophenol	n/a	=	46	%	EPA 625	-88	-88	25	102	
2016/17-1	MO-OXN	srgt environ	11/15/2016	Organic	2,4,6-Tribromophenol	n/a	=	42.1	µg/L	EPA 625	-88	-88			
2016/17-1	MO-OXN	srgt environ, rec	11/15/2016	Organic	2,4,6-Tribromophenol	n/a	=	84	%	EPA 625	-88	-88	25	102	
2016/17-1	MO-OXN	srgt environ	12/1/2016	Organic	2,4,6-Tribromophenol	n/a	=	9.3	µg/L	EPA 8270C	-88	-88			
2016/17-1	MO-OXN	srgt environ, rec	12/1/2016	Organic	2,4,6-Tribromophenol	n/a	=	93	%	EPA 8270C	-88	-88	26	117	
2016/17-1	MO-SIM	srgt environ	11/15/2016	Organic	2,4,6-Tribromophenol	n/a	=	46	µg/L	EPA 625	-88	-88			
2016/17-1	MO-SIM	srgt environ, rec	11/15/2016	Organic	2,4,6-Tribromophenol	n/a	=	92	%	EPA 625	-88	-88	25	102	
2016/17-1	MO-SIM	srgt environ	12/1/2016	Organic	2,4,6-Tribromophenol	n/a	=	9.4	µg/L	EPA 8270C	-88	-88			
2016/17-1	MO-SIM	srgt environ, rec	12/1/2016	Organic	2,4,6-Tribromophenol	n/a	=	94	%	EPA 8270C	-88	-88	26	117	
2016/17-1	MO-SPA	srgt environ	11/15/2016	Organic	2,4,6-Tribromophenol	n/a	=	47.5	µg/L	EPA 625	-88	-88			
2016/17-1	MO-SPA	srgt environ, rec	11/15/2016	Organic	2,4,6-Tribromophenol	n/a	=	95	%	EPA 625	-88	-88	25	102	
2016/17-1	MO-SPA	srgt environ	11/30/2016	Organic	2,4,6-Tribromophenol	n/a	=	10	µg/L	EPA 8270C	-88	-88			
2016/17-1	MO-SPA	srgt environ, rec	11/30/2016	Organic	2,4,6-Tribromophenol	n/a	=	100	%	EPA 8270C	-88	-88	26	117	
2016/17-1	MO-THO	srgt environ	11/15/2016	Organic	2,4,6-Tribromophenol	n/a	=	42.9	µg/L	EPA 625	-88	-88			
2016/17-1	MO-THO	srgt environ, rec	11/15/2016	Organic	2,4,6-Tribromophenol	n/a	=	86	%	EPA 625	-88	-88	25	102	
2016/17-1	MO-THO	srgt environ	12/1/2016	Organic	2,4,6-Tribromophenol	n/a	=	8.8	µg/L	EPA 8270C	-88	-88			
2016/17-1	MO-THO	srgt environ, rec	12/1/2016	Organic	2,4,6-Tribromophenol	n/a	=	88	%	EPA 8270C	-88	-88	26	117	
2016/17-1	Lab	method blank	11/15/2016	Organic	2,4,6-Trichlorophenol	n/a	<	0.22	µg/L	EPA 625	0.22	1			
2016/17-1	Lab	LCS dup	11/15/2016	Organic	2,4,6-Trichlorophenol	n/a	=	26.5	µg/L	EPA 625	0.22	1			
2016/17-1	Lab	LCS dup, rec	11/15/2016	Organic	2,4,6-Trichlorophenol	n/a	=	106	%	EPA 625	-88	-88	37	144	
2016/17-1	Lab	LCS, RPD	11/15/2016	Organic	2,4,6-Trichlorophenol	n/a	=	9	%	EPA 625	-88	-88	0	30	
2016/17-1	Lab	LCS	11/15/2016	Organic	2,4,6-Trichlorophenol	n/a	=	24.2	µg/L	EPA 625	0.22	1			
2016/17-1	Lab	LCS, rec	11/15/2016	Organic	2,4,6-Trichlorophenol	n/a	=	97	%	EPA 625	-88	-88	37	144	
2016/17-1	Lab	method blank	11/30/2016	Organic	2,4,6-Trichlorophenol	n/a	<	0.3	µg/L	EPA 8270C	0.3	1			
2016/17-1	Lab	LCS	11/30/2016	Organic	2,4,6-Trichlorophenol	n/a	=	9.63	µg/L	EPA 8270C	0.3	1			
2016/17-1	Lab	LCS, rec	11/30/2016	Organic	2,4,6-Trichlorophenol	n/a	=	96	%	EPA 8270C	-88	-88	30	115	
2016/17-1	Lab	LCS dup	11/30/2016	Organic	2,4,6-Trichlorophenol	n/a	=	10.2	µg/L	EPA 8270C	0.3	1			
2016/17-1	Lab	LCS dup, rec	11/30/2016	Organic	2,4,6-Trichlorophenol	n/a	=	102	%	EPA 8270C	-88	-88	30	115	
2016/17-1	Lab	LCS, RPD	11/30/2016	Organic	2,4,6-Trichlorophenol	n/a	=	6	%	EPA 8270C	-88	-88	0	30	
2016/17-1	Lab	method blank	11/15/2016	Organic	2,4-Dichlorophenol	n/a	<	0.26	µg/L	EPA 625	0.26	1			
2016/17-1	Lab	LCS dup	11/15/2016	Organic	2,4-Dichlorophenol	n/a	=	26.4	µg/L	EPA 625	0.26	1			
2016/17-1	Lab	LCS dup, rec	11/15/2016	Organic	2,4-Dichlorophenol	n/a	=	105	%	EPA 625	-88	-88	39	135	
2016/17-1	Lab	LCS, RPD	11/15/2016	Organic	2,4-Dichlorophenol	n/a	=	8	%	EPA 625	-88	-88	0	30	
2016/17-1	Lab	LCS	11/15/2016	Organic	2,4-Dichlorophenol	n/a	=	24.4	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	
2016/17-1	Lab	LCS, rec	11/15/2016	Organic	2,4-Dichlorophenol	n/a	=	98	%	EPA 625	-88	-88	39	135	
2016/17-1	Lab	method blank	11/30/2016	Organic	2,4-Dichlorophenol	n/a	<	0.51	µg/L	EPA 8270C	0.51	1			
2016/17-1	Lab	LCS	11/30/2016	Organic	2,4-Dichlorophenol	n/a	=	8.91	µg/L	EPA 8270C	0.51	1			
2016/17-1	Lab	LCS, rec	11/30/2016	Organic	2,4-Dichlorophenol	n/a	=	89	%	EPA 8270C	-88	-88	32	105	
2016/17-1	Lab	LCS dup	11/30/2016	Organic	2,4-Dichlorophenol	n/a	=	8.68	µg/L	EPA 8270C	0.51	1			
2016/17-1	Lab	LCS dup, rec	11/30/2016	Organic	2,4-Dichlorophenol	n/a	=	87	%	EPA 8270C	-88	-88	32	105	
2016/17-1	Lab	LCS, RPD	11/30/2016	Organic	2,4-Dichlorophenol	n/a	=	3	%	EPA 8270C	-88	-88	0	30	
2016/17-1	000NONPJ	srgt matrix spike	11/3/2016	Organic	2,4-Dichlorophenylacetic acid	n/a	=	10.2	µg/L	EPA 515.3	-88	-88			
2016/17-1	000NONPJ	srgt matrix spike, rec	11/3/2016	Organic	2,4-Dichlorophenylacetic acid	n/a	=	102	%	EPA 515.3	-88	-88	70	130	
2016/17-1	000NONPJ	srgt matrix spike dup	11/3/2016	Organic	2,4-Dichlorophenylacetic acid	n/a	=	10.2	µg/L	EPA 515.3	-88	-88			
2016/17-1	000NONPJ	srgt matrix spike dup, rec	11/3/2016	Organic	2,4-Dichlorophenylacetic acid	n/a	=	102	%	EPA 515.3	-88	-88	70	130	
2016/17-1	000NONPJ	srgt matrix spike	11/3/2016	Organic	2,4-Dichlorophenylacetic acid	n/a	=	10	µg/L	EPA 515.3	-88	-88			
2016/17-1	000NONPJ	srgt matrix spike, rec	11/3/2016	Organic	2,4-Dichlorophenylacetic acid	n/a	=	100	%	EPA 515.3	-88	-88	70	130	
2016/17-1	000NONPJ	srgt matrix spike dup	11/3/2016	Organic	2,4-Dichlorophenylacetic acid	n/a	=	10.2	µg/L	EPA 515.3	-88	-88			
2016/17-1	000NONPJ	srgt matrix spike dup, rec	11/3/2016	Organic	2,4-Dichlorophenylacetic acid	n/a	=	102	%	EPA 515.3	-88	-88	70	130	
2016/17-1	Lab	srgt method blank	11/3/2016	Organic	2,4-Dichlorophenylacetic acid	n/a	=	9.4	µg/L	EPA 515.3	-88	-88			
2016/17-1	Lab	srgt method blank, rec	11/3/2016	Organic	2,4-Dichlorophenylacetic acid	n/a	=	94	%	EPA 515.3	-88	-88	70	130	
2016/17-1	Lab	srgt LCS	11/3/2016	Organic	2,4-Dichlorophenylacetic acid	n/a	=	10.8	µg/L	EPA 515.3	-88	-88			
2016/17-1	Lab	srgt LCS, rec	11/3/2016	Organic	2,4-Dichlorophenylacetic acid	n/a	=	108	%	EPA 515.3	-88	-88	70	130	
2016/17-1	ME-CC	srgt environ	11/4/2016	Organic	2,4-Dichlorophenylacetic acid	n/a	=	10.5	µg/L	EPA 515.3	-88	-88			
2016/17-1	ME-CC	srgt environ, rec	11/4/2016	Organic	2,4-Dichlorophenylacetic acid	n/a	=	105	%	EPA 515.3	-88	-88	70	130	
2016/17-1	ME-VR2	srgt environ	11/4/2016	Organic	2,4-Dichlorophenylacetic acid	n/a	=	10.5	µg/L	EPA 515.3	-88	-88			
2016/17-1	ME-VR2	srgt environ, rec	11/4/2016	Organic	2,4-Dichlorophenylacetic acid	n/a	=	105	%	EPA 515.3	-88	-88	70	130	
2016/17-1	MO-FIL	srgt environ	11/4/2016	Organic	2,4-Dichlorophenylacetic acid	n/a	=	10.3	µg/L	EPA 515.3	-88	-88			
2016/17-1	MO-FIL	srgt environ, rec	11/4/2016	Organic	2,4-Dichlorophenylacetic acid	n/a	=	103	%	EPA 515.3	-88	-88	70	130	
2016/17-1	MO-MEI	srgt environ	11/4/2016	Organic	2,4-Dichlorophenylacetic acid	n/a	=	10.7	µg/L	EPA 515.3	-88	-88			
2016/17-1	MO-MEI	srgt environ, rec	11/4/2016	Organic	2,4-Dichlorophenylacetic acid	n/a	=	107	%	EPA 515.3	-88	-88	70	130	
2016/17-1	MO-MPK	srgt environ	11/4/2016	Organic	2,4-Dichlorophenylacetic acid	n/a	=	10.6	µg/L	EPA 515.3	-88	-88			
2016/17-1	MO-MPK	srgt environ, rec	11/4/2016	Organic	2,4-Dichlorophenylacetic acid	n/a	=	106	%	EPA 515.3	-88	-88	70	130	
2016/17-1	MO-OJA	srgt environ	11/4/2016	Organic	2,4-Dichlorophenylacetic acid	n/a	=	9.98	µg/L	EPA 515.3	-88	-88			
2016/17-1	MO-OJA	srgt environ, rec	11/4/2016	Organic	2,4-Dichlorophenylacetic acid	n/a	=	100	%	EPA 515.3	-88	-88	70	130	
2016/17-1	MO-OXN	srgt environ	11/4/2016	Organic	2,4-Dichlorophenylacetic acid	n/a	=	10.7	µg/L	EPA 515.3	-88	-88			
2016/17-1	MO-OXN	srgt environ, rec	11/4/2016	Organic	2,4-Dichlorophenylacetic acid	n/a	=	107	%	EPA 515.3	-88	-88	70	130	
2016/17-1	MO-SIM	srgt environ	11/4/2016	Organic	2,4-Dichlorophenylacetic acid	n/a	=	10.7	µg/L	EPA 515.3	-88	-88			
2016/17-1	MO-SIM	srgt environ, rec	11/4/2016	Organic	2,4-Dichlorophenylacetic acid	n/a	=	107	%	EPA 515.3	-88	-88	70	130	
2016/17-1	MO-SPA	srgt environ	11/4/2016	Organic	2,4-Dichlorophenylacetic acid	n/a	=	10.6	µg/L	EPA 515.3	-88	-88			
2016/17-1	MO-SPA	srgt environ, rec	11/4/2016	Organic	2,4-Dichlorophenylacetic acid	n/a	=	106	%	EPA 515.3	-88	-88	70	130	
2016/17-1	MO-THO	srgt environ	11/4/2016	Organic	2,4-Dichlorophenylacetic acid	n/a	=	10.5	µg/L	EPA 515.3	-88	-88			
2016/17-1	MO-THO	srgt environ, rec	11/4/2016	Organic	2,4-Dichlorophenylacetic acid	n/a	=	105	%	EPA 515.3	-88	-88	70	130	
2016/17-1	MO-VEN	srgt environ	11/4/2016	Organic	2,4-Dichlorophenylacetic acid	n/a	=	10.4	µg/L	EPA 515.3	-88	-88			
2016/17-1	MO-VEN	srgt environ, rec	11/4/2016	Organic	2,4-Dichlorophenylacetic acid	n/a	=	104	%	EPA 515.3	-88	-88	70	130	
2016/17-1	Lab	method blank	11/15/2016	Organic	2,4-Dimethylphenol	n/a	<	0.3	µg/L	EPA 625	0.3	1			
2016/17-1	Lab	LCS dup	11/15/2016	Organic	2,4-Dimethylphenol	n/a	=	21.4	µg/L	EPA 625	0.3	1			
2016/17-1	Lab	LCS dup, rec	11/15/2016	Organic	2,4-Dimethylphenol	n/a	=	86	%	EPA 625	-88	-88	32	119	
2016/17-1	Lab	LCS, RPD	11/15/2016	Organic	2,4-Dimethylphenol	n/a	=	6	%	EPA 625	-88	-88	0	30	
2016/17-1	Lab	LCS	11/15/2016	Organic	2,4-Dimethylphenol	n/a	=	20.2	µg/L	EPA 625	0.3	1			
2016/17-1	Lab	LCS, rec	11/15/2016	Organic	2,4-Dimethylphenol	n/a	=	81	%	EPA 625	-88	-88	32	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	
2016/17-1	Lab	method blank	11/30/2016	Organic	2,4-Dimethylphenol	n/a	<	1	µg/L	EPA 8270C	1	2			
2016/17-1	Lab	LCS	11/30/2016	Organic	2,4-Dimethylphenol	n/a	=	6.82	µg/L	EPA 8270C	1	2			
2016/17-1	Lab	LCS, rec	11/30/2016	Organic	2,4-Dimethylphenol	n/a	=	68	%	EPA 8270C	-88	-88	31	97	
2016/17-1	Lab	LCS dup	11/30/2016	Organic	2,4-Dimethylphenol	n/a	=	2.98	µg/L	EPA 8270C	1	2			EUM
2016/17-1	Lab	LCS dup, rec	11/30/2016	Organic	2,4-Dimethylphenol	n/a	=	30	%	EPA 8270C	-88	-88	31	97	EUM
2016/17-1	Lab	LCS, RPD	11/30/2016	Organic	2,4-Dimethylphenol	n/a	=	78	%	EPA 8270C	-88	-88	0	30	IL
2016/17-1	Lab	method blank	11/15/2016	Organic	2,4-Dinitrophenol	n/a	<	1.6	µg/L	EPA 625	1.6	10			
2016/17-1	Lab	LCS dup	11/15/2016	Organic	2,4-Dinitrophenol	n/a	=	20.8	µg/L	EPA 625	1.6	10			
2016/17-1	Lab	LCS dup, rec	11/15/2016	Organic	2,4-Dinitrophenol	n/a	=	83	%	EPA 625	-88	-88	0.1	191	
2016/17-1	Lab	LCS, RPD	11/15/2016	Organic	2,4-Dinitrophenol	n/a	=	0.7	%	EPA 625	-88	-88	0	30	
2016/17-1	Lab	LCS	11/15/2016	Organic	2,4-Dinitrophenol	n/a	=	20.7	µg/L	EPA 625	1.6	10			
2016/17-1	Lab	LCS, rec	11/15/2016	Organic	2,4-Dinitrophenol	n/a	=	83	%	EPA 625	-88	-88	0.1	191	
2016/17-1	Lab	method blank	11/30/2016	Organic	2,4-Dinitrophenol	n/a	<	1	µg/L	EPA 8270C	1	2			
2016/17-1	Lab	LCS	11/30/2016	Organic	2,4-Dinitrophenol	n/a	=	11.2	µg/L	EPA 8270C	1	2			
2016/17-1	Lab	LCS, rec	11/30/2016	Organic	2,4-Dinitrophenol	n/a	=	112	%	EPA 8270C	-88	-88	7	155	
2016/17-1	Lab	LCS dup	11/30/2016	Organic	2,4-Dinitrophenol	n/a	=	12.6	µg/L	EPA 8270C	1	2			
2016/17-1	Lab	LCS dup, rec	11/30/2016	Organic	2,4-Dinitrophenol	n/a	=	126	%	EPA 8270C	-88	-88	7	155	
2016/17-1	Lab	LCS, RPD	11/30/2016	Organic	2,4-Dinitrophenol	n/a	=	12	%	EPA 8270C	-88	-88	0	30	
2016/17-1	Lab	method blank	11/15/2016	Organic	2,4-Dinitrotoluene	n/a	<	0.18	µg/L	EPA 625	0.18	1			
2016/17-1	Lab	LCS dup	11/15/2016	Organic	2,4-Dinitrotoluene	n/a	=	23.4	µg/L	EPA 625	0.18	1			
2016/17-1	Lab	LCS dup, rec	11/15/2016	Organic	2,4-Dinitrotoluene	n/a	=	94	%	EPA 625	-88	-88	39	139	
2016/17-1	Lab	LCS, RPD	11/15/2016	Organic	2,4-Dinitrotoluene	n/a	=	0.4	%	EPA 625	-88	-88	0	30	
2016/17-1	Lab	LCS	11/15/2016	Organic	2,4-Dinitrotoluene	n/a	=	23.3	µg/L	EPA 625	0.18	1			
2016/17-1	Lab	LCS, rec	11/15/2016	Organic	2,4-Dinitrotoluene	n/a	=	93	%	EPA 625	-88	-88	39	139	
2016/17-1	Lab	method blank	11/15/2016	Organic	2,6-Dinitrotoluene	n/a	<	0.27	µg/L	EPA 625	0.27	1			
2016/17-1	Lab	LCS dup	11/15/2016	Organic	2,6-Dinitrotoluene	n/a	=	24.4	µg/L	EPA 625	0.27	1			
2016/17-1	Lab	LCS dup, rec	11/15/2016	Organic	2,6-Dinitrotoluene	n/a	=	98	%	EPA 625	-88	-88	50	158	
2016/17-1	Lab	LCS, RPD	11/15/2016	Organic	2,6-Dinitrotoluene	n/a	=	3	%	EPA 625	-88	-88	0	30	
2016/17-1	Lab	LCS	11/15/2016	Organic	2,6-Dinitrotoluene	n/a	=	23.7	µg/L	EPA 625	0.27	1			
2016/17-1	Lab	LCS, rec	11/15/2016	Organic	2,6-Dinitrotoluene	n/a	=	95	%	EPA 625	-88	-88	50	158	
2016/17-1	000NONPJ	matrix spike	11/2/2016	Organic	2-Chloroethyl vinyl ether	n/a	<	0.28	µg/L	EPA 624	0.28	1			GB
2016/17-1	000NONPJ	matrix spike, rec	11/2/2016	Organic	2-Chloroethyl vinyl ether	n/a	=	0	%	EPA 624	-88	-88	0.1	305	GB
2016/17-1	000NONPJ	matrix spike dup	11/2/2016	Organic	2-Chloroethyl vinyl ether	n/a	<	0.28	µg/L	EPA 624	0.28	1			GB
2016/17-1	000NONPJ	matrix spike dup, rec	11/2/2016	Organic	2-Chloroethyl vinyl ether	n/a	=	0	%	EPA 624	-88	-88	0.1	305	GB
2016/17-1	000NONPJ	matrix spike, RPD	11/2/2016	Organic	2-Chloroethyl vinyl ether	n/a	=	0	%	EPA 624	-88	-88	0	25	
2016/17-1	Lab	LCS dup	11/1/2016	Organic	2-Chloroethyl vinyl ether	n/a	=	63.1	µg/L	EPA 624	0.28	1			
2016/17-1	Lab	LCS dup, rec	11/1/2016	Organic	2-Chloroethyl vinyl ether	n/a	=	126	%	EPA 624	-88	-88	0.1	305	
2016/17-1	Lab	LCS, RPD	11/1/2016	Organic	2-Chloroethyl vinyl ether	n/a	=	2	%	EPA 624	-88	-88	0	25	
2016/17-1	Lab	LCS	11/2/2016	Organic	2-Chloroethyl vinyl ether	n/a	=	64.1	µg/L	EPA 624	0.28	1			
2016/17-1	Lab	LCS, rec	11/2/2016	Organic	2-Chloroethyl vinyl ether	n/a	=	128	%	EPA 624	-88	-88	0.1	305	
2016/17-1	MO-VEN	field duplicate	11/2/2016	Organic	2-Chloroethyl vinyl ether	n/a	<	0.28	µg/L	EPA 624	0.28	1			
2016/17-1	Lab	method blank	11/15/2016	Organic	2-Chloronaphthalene	n/a	<	0.45	µg/L	EPA 625	0.45	1			
2016/17-1	Lab	LCS dup	11/15/2016	Organic	2-Chloronaphthalene	n/a	=	23.9	µg/L	EPA 625	0.45	1			
2016/17-1	Lab	LCS dup, rec	11/15/2016	Organic	2-Chloronaphthalene	n/a	=	96	%	EPA 625	-88	-88	60	118	
2016/17-1	Lab	LCS, RPD	11/15/2016	Organic	2-Chloronaphthalene	n/a	=	12	%	EPA 625	-88	-88	0	30	
2016/17-1	Lab	LCS	11/15/2016	Organic	2-Chloronaphthalene	n/a	=	21.3	µg/L	EPA 625	0.45	1			
2016/17-1	Lab	LCS, rec	11/15/2016	Organic	2-Chloronaphthalene	n/a	=	85	%	EPA 625	-88	-88	60	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	
2016/17-1	Lab	method blank	11/15/2016	Organic	2-Chlorophenol	n/a	<	0.28	µg/L	EPA 625	0.28	1			
2016/17-1	Lab	LCS dup	11/15/2016	Organic	2-Chlorophenol	n/a	=	20.4	µg/L	EPA 625	0.28	1			
2016/17-1	Lab	LCS dup, rec	11/15/2016	Organic	2-Chlorophenol	n/a	=	81	%	EPA 625	-88	-88	23	134	
2016/17-1	Lab	LCS, RPD	11/15/2016	Organic	2-Chlorophenol	n/a	=	6	%	EPA 625	-88	-88	0	30	
2016/17-1	Lab	LCS	11/15/2016	Organic	2-Chlorophenol	n/a	=	19.2	µg/L	EPA 625	0.28	1			
2016/17-1	Lab	LCS, rec	11/15/2016	Organic	2-Chlorophenol	n/a	=	77	%	EPA 625	-88	-88	23	134	
2016/17-1	Lab	method blank	11/30/2016	Organic	2-Chlorophenol	n/a	<	0.65	µg/L	EPA 8270C	0.65	1			
2016/17-1	Lab	LCS	11/30/2016	Organic	2-Chlorophenol	n/a	=	7.66	µg/L	EPA 8270C	0.65	1			
2016/17-1	Lab	LCS, rec	11/30/2016	Organic	2-Chlorophenol	n/a	=	77	%	EPA 8270C	-88	-88	27	90	
2016/17-1	Lab	LCS dup	11/30/2016	Organic	2-Chlorophenol	n/a	=	7.03	µg/L	EPA 8270C	0.65	1			
2016/17-1	Lab	LCS dup, rec	11/30/2016	Organic	2-Chlorophenol	n/a	=	70	%	EPA 8270C	-88	-88	27	90	
2016/17-1	Lab	LCS, RPD	11/30/2016	Organic	2-Chlorophenol	n/a	=	9	%	EPA 8270C	-88	-88	0	30	
2016/17-1	Lab	srgt method blank	11/15/2016	Organic	2-Fluorobiphenyl	n/a	=	18.6	µg/L	EPA 625	-88	-88			
2016/17-1	Lab	srgt method blank, rec	11/15/2016	Organic	2-Fluorobiphenyl	n/a	=	74	%	EPA 625	-88	-88	22	107	
2016/17-1	Lab	srgt LCS dup	11/15/2016	Organic	2-Fluorobiphenyl	n/a	=	21.7	µg/L	EPA 625	-88	-88			
2016/17-1	Lab	srgt LCS dup, rec	11/15/2016	Organic	2-Fluorobiphenyl	n/a	=	87	%	EPA 625	-88	-88	22	107	
2016/17-1	Lab	srgt LCS	11/15/2016	Organic	2-Fluorobiphenyl	n/a	=	19	µg/L	EPA 625	-88	-88			
2016/17-1	Lab	srgt LCS, rec	11/15/2016	Organic	2-Fluorobiphenyl	n/a	=	76	%	EPA 625	-88	-88	22	107	
2016/17-1	Lab	srgt method blank	11/30/2016	Organic	2-Fluorobiphenyl	n/a	=	3.13	µg/L	EPA 8270C	-88	-88			
2016/17-1	Lab	srgt method blank, rec	11/30/2016	Organic	2-Fluorobiphenyl	n/a	=	63	%	EPA 8270C	-88	-88	51	139	
2016/17-1	Lab	srgt LCS	11/30/2016	Organic	2-Fluorobiphenyl	n/a	=	3.64	µg/L	EPA 8270C	-88	-88			
2016/17-1	Lab	srgt LCS, rec	11/30/2016	Organic	2-Fluorobiphenyl	n/a	=	73	%	EPA 8270C	-88	-88	51	139	
2016/17-1	Lab	srgt LCS dup	11/30/2016	Organic	2-Fluorobiphenyl	n/a	=	3.6	µg/L	EPA 8270C	-88	-88			
2016/17-1	Lab	srgt LCS dup, rec	11/30/2016	Organic	2-Fluorobiphenyl	n/a	=	72	%	EPA 8270C	-88	-88	51	139	
2016/17-1	Lab	srgt method blank	12/3/2016	Organic	2-Fluorobiphenyl	n/a	=	3.2	µg/L	EPA 625	-88	-88			
2016/17-1	Lab	srgt method blank, rec	12/3/2016	Organic	2-Fluorobiphenyl	n/a	=	64	%	EPA 625	-88	-88	22	107	
2016/17-1	Lab	srgt LCS	12/3/2016	Organic	2-Fluorobiphenyl	n/a	=	3.31	µg/L	EPA 625	-88	-88			
2016/17-1	Lab	srgt LCS, rec	12/3/2016	Organic	2-Fluorobiphenyl	n/a	=	66	%	EPA 625	-88	-88	22	107	
2016/17-1	Lab	srgt LCS dup	12/3/2016	Organic	2-Fluorobiphenyl	n/a	=	3.38	µg/L	EPA 625	-88	-88			
2016/17-1	Lab	srgt LCS dup, rec	12/3/2016	Organic	2-Fluorobiphenyl	n/a	=	68	%	EPA 625	-88	-88	22	107	
2016/17-1	ME-CC	srgt environ	11/15/2016	Organic	2-Fluorobiphenyl	n/a	=	18.6	µg/L	EPA 625	-88	-88			
2016/17-1	ME-CC	srgt environ, rec	11/15/2016	Organic	2-Fluorobiphenyl	n/a	=	37	%	EPA 625	-88	-88	22	107	
2016/17-1	ME-CC	srgt environ	11/30/2016	Organic	2-Fluorobiphenyl	n/a	=	2.96	µg/L	EPA 8270C	-88	-88			
2016/17-1	ME-CC	srgt environ, rec	11/30/2016	Organic	2-Fluorobiphenyl	n/a	=	59	%	EPA 8270C	-88	-88	51	139	
2016/17-1	ME-CC	srgt environ	12/3/2016	Organic	2-Fluorobiphenyl	n/a	=	3.18	µg/L	EPA 625	-88	-88			
2016/17-1	ME-CC	srgt environ, rec	12/3/2016	Organic	2-Fluorobiphenyl	n/a	=	64	%	EPA 625	-88	-88	22	107	
2016/17-1	ME-VR2	srgt environ	11/15/2016	Organic	2-Fluorobiphenyl	n/a	=	20.9	µg/L	EPA 625	-88	-88			
2016/17-1	ME-VR2	srgt environ, rec	11/15/2016	Organic	2-Fluorobiphenyl	n/a	=	83	%	EPA 625	-88	-88	22	107	
2016/17-1	ME-VR2	srgt environ	11/30/2016	Organic	2-Fluorobiphenyl	n/a	=	3.46	µg/L	EPA 8270C	-88	-88			
2016/17-1	ME-VR2	srgt environ, rec	11/30/2016	Organic	2-Fluorobiphenyl	n/a	=	69	%	EPA 8270C	-88	-88	51	139	
2016/17-1	MO-FIL	srgt environ	11/15/2016	Organic	2-Fluorobiphenyl	n/a	=	20	µg/L	EPA 625	-88	-88			
2016/17-1	MO-FIL	srgt environ, rec	11/15/2016	Organic	2-Fluorobiphenyl	n/a	=	80	%	EPA 625	-88	-88	22	107	
2016/17-1	MO-FIL	srgt environ	11/30/2016	Organic	2-Fluorobiphenyl	n/a	=	2.79	µg/L	EPA 8270C	-88	-88			
2016/17-1	MO-FIL	srgt environ, rec	11/30/2016	Organic	2-Fluorobiphenyl	n/a	=	56	%	EPA 8270C	-88	-88	51	139	
2016/17-1	MO-MEI	srgt environ	11/15/2016	Organic	2-Fluorobiphenyl	n/a	=	20	µg/L	EPA 625	-88	-88			
2016/17-1	MO-MEI	srgt environ, rec	11/15/2016	Organic	2-Fluorobiphenyl	n/a	=	80	%	EPA 625	-88	-88	22	107	
2016/17-1	MO-MEI	srgt environ	11/30/2016	Organic	2-Fluorobiphenyl	n/a	=	2.94	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	
2016/17-1	MO-MEI	srgt environ, rec	11/30/2016	Organic	2-Fluorobiphenyl	n/a	=	59	%	EPA 8270C	-88	-88	51	139	
2016/17-1	MO-MPK	srgt environ	11/15/2016	Organic	2-Fluorobiphenyl	n/a	=	15.4	µg/L	EPA 625	-88	-88			
2016/17-1	MO-MPK	srgt environ, rec	11/15/2016	Organic	2-Fluorobiphenyl	n/a	=	62	%	EPA 625	-88	-88	22	107	
2016/17-1	MO-MPK	srgt environ	11/30/2016	Organic	2-Fluorobiphenyl	n/a	=	3.83	µg/L	EPA 8270C	-88	-88			
2016/17-1	MO-MPK	srgt environ, rec	11/30/2016	Organic	2-Fluorobiphenyl	n/a	=	77	%	EPA 8270C	-88	-88	51	139	
2016/17-1	MO-OJA	srgt environ	11/15/2016	Organic	2-Fluorobiphenyl	n/a	=	21.6	µg/L	EPA 625	-88	-88			
2016/17-1	MO-OJA	srgt environ, rec	11/15/2016	Organic	2-Fluorobiphenyl	n/a	=	87	%	EPA 625	-88	-88	22	107	
2016/17-1	MO-OJA	srgt environ	11/30/2016	Organic	2-Fluorobiphenyl	n/a	=	2.49	µg/L	EPA 8270C	-88	-88			GN
2016/17-1	MO-OJA	srgt environ, rec	11/30/2016	Organic	2-Fluorobiphenyl	n/a	=	50	%	EPA 8270C	-88	-88	51	139	GN
2016/17-1	MO-OJA	srgt environ	12/3/2016	Organic	2-Fluorobiphenyl	n/a	<	0	µg/L	EPA 625	-88	-88			GN
2016/17-1	MO-OJA	srgt environ, rec	12/3/2016	Organic	2-Fluorobiphenyl	n/a	=	0	%	EPA 625	-88	-88	22	107	GN
2016/17-1	MO-OXN	srgt environ	11/15/2016	Organic	2-Fluorobiphenyl	n/a	=	15.9	µg/L	EPA 625	-88	-88			
2016/17-1	MO-OXN	srgt environ, rec	11/15/2016	Organic	2-Fluorobiphenyl	n/a	=	64	%	EPA 625	-88	-88	22	107	
2016/17-1	MO-OXN	srgt environ	11/30/2016	Organic	2-Fluorobiphenyl	n/a	=	3.24	µg/L	EPA 8270C	-88	-88			
2016/17-1	MO-OXN	srgt environ, rec	11/30/2016	Organic	2-Fluorobiphenyl	n/a	=	65	%	EPA 8270C	-88	-88	51	139	
2016/17-1	MO-SIM	srgt environ	11/15/2016	Organic	2-Fluorobiphenyl	n/a	=	16.3	µg/L	EPA 625	-88	-88			
2016/17-1	MO-SIM	srgt environ, rec	11/15/2016	Organic	2-Fluorobiphenyl	n/a	=	65	%	EPA 625	-88	-88	22	107	
2016/17-1	MO-SIM	srgt environ	11/30/2016	Organic	2-Fluorobiphenyl	n/a	=	3.15	µg/L	EPA 8270C	-88	-88			
2016/17-1	MO-SIM	srgt environ, rec	11/30/2016	Organic	2-Fluorobiphenyl	n/a	=	63	%	EPA 8270C	-88	-88	51	139	
2016/17-1	MO-SPA	srgt environ	11/15/2016	Organic	2-Fluorobiphenyl	n/a	=	21.3	µg/L	EPA 625	-88	-88			
2016/17-1	MO-SPA	srgt environ, rec	11/15/2016	Organic	2-Fluorobiphenyl	n/a	=	85	%	EPA 625	-88	-88	22	107	
2016/17-1	MO-SPA	srgt environ	11/30/2016	Organic	2-Fluorobiphenyl	n/a	=	3.1	µg/L	EPA 8270C	-88	-88			
2016/17-1	MO-SPA	srgt environ, rec	11/30/2016	Organic	2-Fluorobiphenyl	n/a	=	62	%	EPA 8270C	-88	-88	51	139	
2016/17-1	MO-THO	srgt environ	11/15/2016	Organic	2-Fluorobiphenyl	n/a	=	20.1	µg/L	EPA 625	-88	-88			
2016/17-1	MO-THO	srgt environ, rec	11/15/2016	Organic	2-Fluorobiphenyl	n/a	=	80	%	EPA 625	-88	-88	22	107	
2016/17-1	MO-THO	srgt environ	11/30/2016	Organic	2-Fluorobiphenyl	n/a	=	3.08	µg/L	EPA 8270C	-88	-88			
2016/17-1	MO-THO	srgt environ, rec	11/30/2016	Organic	2-Fluorobiphenyl	n/a	=	62	%	EPA 8270C	-88	-88	51	139	
2016/17-1	Lab	srgt method blank	11/15/2016	Organic	2-Fluorophenol	n/a	=	23.6	µg/L	EPA 625	-88	-88			
2016/17-1	Lab	srgt method blank, rec	11/15/2016	Organic	2-Fluorophenol	n/a	=	47	%	EPA 625	-88	-88	3	74	
2016/17-1	Lab	srgt LCS dup	11/15/2016	Organic	2-Fluorophenol	n/a	=	22.9	µg/L	EPA 625	-88	-88			
2016/17-1	Lab	srgt LCS dup, rec	11/15/2016	Organic	2-Fluorophenol	n/a	=	46	%	EPA 625	-88	-88	3	74	
2016/17-1	Lab	srgt LCS	11/15/2016	Organic	2-Fluorophenol	n/a	=	23.3	µg/L	EPA 625	-88	-88			
2016/17-1	Lab	srgt LCS, rec	11/15/2016	Organic	2-Fluorophenol	n/a	=	47	%	EPA 625	-88	-88	3	74	
2016/17-1	Lab	srgt method blank	11/30/2016	Organic	2-Fluorophenol	n/a	=	4.37	µg/L	EPA 8270C	-88	-88			
2016/17-1	Lab	srgt method blank, rec	11/30/2016	Organic	2-Fluorophenol	n/a	=	44	%	EPA 8270C	-88	-88	11	62	
2016/17-1	Lab	srgt LCS	11/30/2016	Organic	2-Fluorophenol	n/a	=	4.56	µg/L	EPA 8270C	-88	-88			
2016/17-1	Lab	srgt LCS, rec	11/30/2016	Organic	2-Fluorophenol	n/a	=	46	%	EPA 8270C	-88	-88	11	62	
2016/17-1	Lab	srgt LCS dup	11/30/2016	Organic	2-Fluorophenol	n/a	=	4.09	µg/L	EPA 8270C	-88	-88			
2016/17-1	Lab	srgt LCS dup, rec	11/30/2016	Organic	2-Fluorophenol	n/a	=	41	%	EPA 8270C	-88	-88	11	62	
2016/17-1	Lab	srgt method blank	12/3/2016	Organic	2-Fluorophenol	n/a	=	3.65	µg/L	EPA 625	-88	-88			
2016/17-1	Lab	srgt method blank, rec	12/3/2016	Organic	2-Fluorophenol	n/a	=	36	%	EPA 625	-88	-88	3	74	
2016/17-1	Lab	srgt LCS	12/3/2016	Organic	2-Fluorophenol	n/a	=	3.58	µg/L	EPA 625	-88	-88			
2016/17-1	Lab	srgt LCS, rec	12/3/2016	Organic	2-Fluorophenol	n/a	=	36	%	EPA 625	-88	-88	3	74	
2016/17-1	Lab	srgt LCS dup	12/3/2016	Organic	2-Fluorophenol	n/a	=	3.15	µg/L	EPA 625	-88	-88			
2016/17-1	Lab	srgt LCS dup, rec	12/3/2016	Organic	2-Fluorophenol	n/a	=	32	%	EPA 625	-88	-88	3	74	
2016/17-1	ME-CC	srgt environ	11/15/2016	Organic	2-Fluorophenol	n/a	=	24.9	µg/L	EPA 625	-88	-88			
2016/17-1	ME-CC	srgt environ, rec	11/15/2016	Organic	2-Fluorophenol	n/a	=	25	%	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	
2016/17-1	ME-CC	srgt environ	12/1/2016	Organic	2-Fluorophenol	n/a	=	3.75	µg/L	EPA 8270C	-88	-88			
2016/17-1	ME-CC	srgt environ, rec	12/1/2016	Organic	2-Fluorophenol	n/a	=	38	%	EPA 8270C	-88	-88	11	62	
2016/17-1	ME-CC	srgt environ	12/3/2016	Organic	2-Fluorophenol	n/a	=	3.14	µg/L	EPA 625	-88	-88			
2016/17-1	ME-CC	srgt environ, rec	12/3/2016	Organic	2-Fluorophenol	n/a	=	31	%	EPA 625	-88	-88	3	74	
2016/17-1	ME-VR2	srgt environ	11/15/2016	Organic	2-Fluorophenol	n/a	=	20.3	µg/L	EPA 625	-88	-88			
2016/17-1	ME-VR2	srgt environ, rec	11/15/2016	Organic	2-Fluorophenol	n/a	=	41	%	EPA 625	-88	-88	3	74	
2016/17-1	ME-VR2	srgt environ	12/1/2016	Organic	2-Fluorophenol	n/a	=	3.68	µg/L	EPA 8270C	-88	-88			
2016/17-1	ME-VR2	srgt environ, rec	12/1/2016	Organic	2-Fluorophenol	n/a	=	37	%	EPA 8270C	-88	-88	11	62	
2016/17-1	MO-FIL	srgt environ	11/15/2016	Organic	2-Fluorophenol	n/a	=	18.3	µg/L	EPA 625	-88	-88			
2016/17-1	MO-FIL	srgt environ, rec	11/15/2016	Organic	2-Fluorophenol	n/a	=	37	%	EPA 625	-88	-88	3	74	
2016/17-1	MO-FIL	srgt environ	12/1/2016	Organic	2-Fluorophenol	n/a	<	0	µg/L	EPA 8270C	-88	-88			GN
2016/17-1	MO-FIL	srgt environ, rec	12/1/2016	Organic	2-Fluorophenol	n/a	=	0	%	EPA 8270C	-88	-88	11	62	GN
2016/17-1	MO-MEI	srgt environ	11/15/2016	Organic	2-Fluorophenol	n/a	=	19	µg/L	EPA 625	-88	-88			
2016/17-1	MO-MEI	srgt environ, rec	11/15/2016	Organic	2-Fluorophenol	n/a	=	38	%	EPA 625	-88	-88	3	74	
2016/17-1	MO-MEI	srgt environ	11/30/2016	Organic	2-Fluorophenol	n/a	<	0	µg/L	EPA 8270C	-88	-88			GN
2016/17-1	MO-MEI	srgt environ, rec	11/30/2016	Organic	2-Fluorophenol	n/a	=	0	%	EPA 8270C	-88	-88	11	62	GN
2016/17-1	MO-MPK	srgt environ	11/15/2016	Organic	2-Fluorophenol	n/a	=	14.2	µg/L	EPA 625	-88	-88			
2016/17-1	MO-MPK	srgt environ, rec	11/15/2016	Organic	2-Fluorophenol	n/a	=	28	%	EPA 625	-88	-88	3	74	
2016/17-1	MO-MPK	srgt environ	12/1/2016	Organic	2-Fluorophenol	n/a	<	0	µg/L	EPA 8270C	-88	-88			GN
2016/17-1	MO-MPK	srgt environ, rec	12/1/2016	Organic	2-Fluorophenol	n/a	=	0	%	EPA 8270C	-88	-88	11	62	GN
2016/17-1	MO-OJA	srgt environ	11/15/2016	Organic	2-Fluorophenol	n/a	=	18	µg/L	EPA 625	-88	-88			
2016/17-1	MO-OJA	srgt environ, rec	11/15/2016	Organic	2-Fluorophenol	n/a	=	36	%	EPA 625	-88	-88	3	74	
2016/17-1	MO-OJA	srgt environ	11/30/2016	Organic	2-Fluorophenol	n/a	=	1.45	µg/L	EPA 8270C	-88	-88			
2016/17-1	MO-OJA	srgt environ, rec	11/30/2016	Organic	2-Fluorophenol	n/a	=	14	%	EPA 8270C	-88	-88	11	62	
2016/17-1	MO-OJA	srgt environ	12/3/2016	Organic	2-Fluorophenol	n/a	<	0	µg/L	EPA 625	-88	-88			GN
2016/17-1	MO-OJA	srgt environ, rec	12/3/2016	Organic	2-Fluorophenol	n/a	=	0	%	EPA 625	-88	-88	3	74	GN
2016/17-1	MO-OXN	srgt environ	11/15/2016	Organic	2-Fluorophenol	n/a	=	11.7	µg/L	EPA 625	-88	-88			
2016/17-1	MO-OXN	srgt environ, rec	11/15/2016	Organic	2-Fluorophenol	n/a	=	23	%	EPA 625	-88	-88	3	74	
2016/17-1	MO-OXN	srgt environ	12/1/2016	Organic	2-Fluorophenol	n/a	=	1	µg/L	EPA 8270C	-88	-88			GN
2016/17-1	MO-OXN	srgt environ, rec	12/1/2016	Organic	2-Fluorophenol	n/a	=	10	%	EPA 8270C	-88	-88	11	62	GN
2016/17-1	MO-SIM	srgt environ	11/15/2016	Organic	2-Fluorophenol	n/a	=	14.9	µg/L	EPA 625	-88	-88			
2016/17-1	MO-SIM	srgt environ, rec	11/15/2016	Organic	2-Fluorophenol	n/a	=	30	%	EPA 625	-88	-88	3	74	
2016/17-1	MO-SIM	srgt environ	12/1/2016	Organic	2-Fluorophenol	n/a	=	3.1	µg/L	EPA 8270C	-88	-88			
2016/17-1	MO-SIM	srgt environ, rec	12/1/2016	Organic	2-Fluorophenol	n/a	=	31	%	EPA 8270C	-88	-88	11	62	
2016/17-1	MO-SPA	srgt environ	11/15/2016	Organic	2-Fluorophenol	n/a	=	19.8	µg/L	EPA 625	-88	-88			
2016/17-1	MO-SPA	srgt environ, rec	11/15/2016	Organic	2-Fluorophenol	n/a	=	40	%	EPA 625	-88	-88	3	74	
2016/17-1	MO-SPA	srgt environ	11/30/2016	Organic	2-Fluorophenol	n/a	=	0.4	µg/L	EPA 8270C	-88	-88			GN
2016/17-1	MO-SPA	srgt environ, rec	11/30/2016	Organic	2-Fluorophenol	n/a	=	4	%	EPA 8270C	-88	-88	11	62	GN
2016/17-1	MO-THO	srgt environ	11/15/2016	Organic	2-Fluorophenol	n/a	=	15.6	µg/L	EPA 625	-88	-88			
2016/17-1	MO-THO	srgt environ, rec	11/15/2016	Organic	2-Fluorophenol	n/a	=	31	%	EPA 625	-88	-88	3	74	
2016/17-1	MO-THO	srgt environ	12/1/2016	Organic	2-Fluorophenol	n/a	=	0.4	µg/L	EPA 8270C	-88	-88			GN
2016/17-1	MO-THO	srgt environ, rec	12/1/2016	Organic	2-Fluorophenol	n/a	=	4	%	EPA 8270C	-88	-88	11	62	GN
2016/17-1	Lab	method blank	11/30/2016	Organic	2-Methylnaphthalene	n/a	<	0.1	µg/L	EPA 8270C	0.1	0.1			
2016/17-1	Lab	method blank	11/30/2016	Organic	2-Methylphenol	n/a	<	0.34	µg/L	EPA 8270C	0.34	1			
2016/17-1	Lab	method blank	11/15/2016	Organic	2-Nitrophenol	n/a	<	0.26	µg/L	EPA 625	0.26	1			
2016/17-1	Lab	LCS dup	11/15/2016	Organic	2-Nitrophenol	n/a	=	25	µg/L	EPA 625	0.26	1			
2016/17-1	Lab	LCS dup, rec	11/15/2016	Organic	2-Nitrophenol	n/a	=	100	%	EPA 625	-88	-88	29	182	

Appendix F
Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2016/17-1	Lab	LCS, RPD	11/15/2016	Organic	2-Nitrophenol	n/a	=	13	%	EPA 625	-88	-88	0	30	
2016/17-1	Lab	LCS	11/15/2016	Organic	2-Nitrophenol	n/a	=	22	µg/L	EPA 625	0.26	1			
2016/17-1	Lab	LCS, rec	11/15/2016	Organic	2-Nitrophenol	n/a	=	88	%	EPA 625	-88	-88	29	182	
2016/17-1	Lab	method blank	11/30/2016	Organic	2-Nitrophenol	n/a	<	0.71	µg/L	EPA 8270C	0.71	1			
2016/17-1	Lab	LCS	11/30/2016	Organic	2-Nitrophenol	n/a	=	8.64	µg/L	EPA 8270C	0.71	1			
2016/17-1	Lab	LCS, rec	11/30/2016	Organic	2-Nitrophenol	n/a	=	86	%	EPA 8270C	-88	-88	33	103	
2016/17-1	Lab	LCS dup	11/30/2016	Organic	2-Nitrophenol	n/a	=	8.04	µg/L	EPA 8270C	0.71	1			
2016/17-1	Lab	LCS dup, rec	11/30/2016	Organic	2-Nitrophenol	n/a	=	80	%	EPA 8270C	-88	-88	33	103	
2016/17-1	Lab	LCS, RPD	11/30/2016	Organic	2-Nitrophenol	n/a	=	7	%	EPA 8270C	-88	-88	0	30	
2016/17-1	Lab	method blank	11/15/2016	Organic	3,3'-Dichlorobenzidine	n/a	<	1.2	µg/L	EPA 625	1.2	5			
2016/17-1	Lab	LCS dup	11/15/2016	Organic	3,3'-Dichlorobenzidine	n/a	=	13.8	µg/L	EPA 625	1.2	5			
2016/17-1	Lab	LCS dup, rec	11/15/2016	Organic	3,3'-Dichlorobenzidine	n/a	=	55	%	EPA 625	-88	-88	0.1	262	
2016/17-1	Lab	LCS, RPD	11/15/2016	Organic	3,3'-Dichlorobenzidine	n/a	=	83	%	EPA 625	-88	-88	0	30	IL
2016/17-1	Lab	LCS	11/15/2016	Organic	3,3'-Dichlorobenzidine	n/a	=	5.7	µg/L	EPA 625	1.2	5			
2016/17-1	Lab	LCS, rec	11/15/2016	Organic	3,3'-Dichlorobenzidine	n/a	=	23	%	EPA 625	-88	-88	0.1	262	
2016/17-1	Lab	method blank	11/30/2016	Organic	3-/4-Methylphenol	n/a	<	0.3	µg/L	EPA 8270C	0.3	1			
2016/17-1	Lab	method blank	11/15/2016	Organic	4,6-Dinitro-2-methylphenol	n/a	<	1.7	µg/L	EPA 625	1.7	5			
2016/17-1	Lab	LCS dup	11/15/2016	Organic	4,6-Dinitro-2-methylphenol	n/a	=	20.6	µg/L	EPA 625	1.7	5			
2016/17-1	Lab	LCS dup, rec	11/15/2016	Organic	4,6-Dinitro-2-methylphenol	n/a	=	82	%	EPA 625	-88	-88	0.1	181	
2016/17-1	Lab	LCS, RPD	11/15/2016	Organic	4,6-Dinitro-2-methylphenol	n/a	=	4	%	EPA 625	-88	-88	0	30	
2016/17-1	Lab	LCS	11/15/2016	Organic	4,6-Dinitro-2-methylphenol	n/a	=	21.4	µg/L	EPA 625	1.7	5			
2016/17-1	Lab	LCS, rec	11/15/2016	Organic	4,6-Dinitro-2-methylphenol	n/a	=	86	%	EPA 625	-88	-88	0.1	181	
2016/17-1	Lab	method blank	11/30/2016	Organic	4,6-Dinitro-2-methylphenol	n/a	<	0.14	µg/L	EPA 8270C	0.14	1			
2016/17-1	Lab	LCS	11/30/2016	Organic	4,6-Dinitro-2-methylphenol	n/a	=	9.95	µg/L	EPA 8270C	0.14	1			
2016/17-1	Lab	LCS, rec	11/30/2016	Organic	4,6-Dinitro-2-methylphenol	n/a	=	100	%	EPA 8270C	-88	-88	33	118	
2016/17-1	Lab	LCS dup	11/30/2016	Organic	4,6-Dinitro-2-methylphenol	n/a	=	11	µg/L	EPA 8270C	0.14	1			
2016/17-1	Lab	LCS dup, rec	11/30/2016	Organic	4,6-Dinitro-2-methylphenol	n/a	=	110	%	EPA 8270C	-88	-88	33	118	
2016/17-1	Lab	LCS, RPD	11/30/2016	Organic	4,6-Dinitro-2-methylphenol	n/a	=	10	%	EPA 8270C	-88	-88	0	30	
2016/17-1	000NONPJ	srgt matrix spike	11/2/2016	Organic	4-Bromofluorobenzene	n/a	=	50	µg/L	EPA 624	-88	-88			
2016/17-1	000NONPJ	srgt matrix spike, rec	11/2/2016	Organic	4-Bromofluorobenzene	n/a	=	100	%	EPA 624	-88	-88	88	108	
2016/17-1	000NONPJ	srgt matrix spike dup	11/2/2016	Organic	4-Bromofluorobenzene	n/a	=	50.2	µg/L	EPA 624	-88	-88			
2016/17-1	000NONPJ	srgt matrix spike dup, rec	11/2/2016	Organic	4-Bromofluorobenzene	n/a	=	100	%	EPA 624	-88	-88	88	108	
2016/17-1	Lab	srgt LCS dup	11/1/2016	Organic	4-Bromofluorobenzene	n/a	=	50.5	µg/L	EPA 624	-88	-88			
2016/17-1	Lab	srgt LCS dup, rec	11/1/2016	Organic	4-Bromofluorobenzene	n/a	=	101	%	EPA 624	-88	-88	88	108	
2016/17-1	Lab	srgt LCS	11/2/2016	Organic	4-Bromofluorobenzene	n/a	=	50.5	µg/L	EPA 624	-88	-88			
2016/17-1	Lab	srgt LCS, rec	11/2/2016	Organic	4-Bromofluorobenzene	n/a	=	101	%	EPA 624	-88	-88	88	108	
2016/17-1	Lab	srgt LCS	11/2/2016	Organic	4-Bromofluorobenzene	n/a	=	40	µg/L	EPA 8015B	-88	-88			
2016/17-1	Lab	srgt LCS, rec	11/2/2016	Organic	4-Bromofluorobenzene	n/a	=	80	%	EPA 8015B	-88	-88	72	124	
2016/17-1	Lab	srgt LCS dup	11/2/2016	Organic	4-Bromofluorobenzene	n/a	=	42	µg/L	EPA 8015B	-88	-88			
2016/17-1	Lab	srgt LCS dup, rec	11/2/2016	Organic	4-Bromofluorobenzene	n/a	=	84	%	EPA 8015B	-88	-88	72	124	
2016/17-1	Lab	srgt method blank	11/2/2016	Organic	4-Bromofluorobenzene	n/a	=	44	µg/L	EPA 8015B	-88	-88			
2016/17-1	Lab	srgt method blank, rec	11/2/2016	Organic	4-Bromofluorobenzene	n/a	=	88	%	EPA 8015B	-88	-88	72	124	
2016/17-1	Lab	srgt LCS	11/4/2016	Organic	4-Bromofluorobenzene	n/a	=	48	µg/L	EPA 8015B	-88	-88			
2016/17-1	Lab	srgt LCS, rec	11/4/2016	Organic	4-Bromofluorobenzene	n/a	=	96	%	EPA 8015B	-88	-88	72	124	
2016/17-1	Lab	srgt LCS dup	11/4/2016	Organic	4-Bromofluorobenzene	n/a	=	48	µg/L	EPA 8015B	-88	-88			
2016/17-1	Lab	srgt LCS dup, rec	11/4/2016	Organic	4-Bromofluorobenzene	n/a	=	96	%	EPA 8015B	-88	-88	72	124	
2016/17-1	Lab	srgt method blank	11/4/2016	Organic	4-Bromofluorobenzene	n/a	=	41	µg/L	EPA 8015B	-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	
2016/17-1	Lab	srgt method blank, rec	11/4/2016	Organic	4-Bromofluorobenzene	n/a	=	82	%	EPA 8015B	-88	-88	72	124	
2016/17-1	ME-CC	srgt environ	11/2/2016	Organic	4-Bromofluorobenzene	n/a	=	49.8	µg/L	EPA 624	-88	-88			
2016/17-1	ME-CC	srgt environ, rec	11/2/2016	Organic	4-Bromofluorobenzene	n/a	=	100	%	EPA 624	-88	-88	88	108	
2016/17-1	ME-CC	srgt environ	11/4/2016	Organic	4-Bromofluorobenzene	n/a	=	37	µg/L	EPA 8015B	-88	-88			
2016/17-1	ME-CC	srgt environ, rec	11/4/2016	Organic	4-Bromofluorobenzene	n/a	=	74	%	EPA 8015B	-88	-88	72	124	
2016/17-1	ME-VR2	srgt environ	11/2/2016	Organic	4-Bromofluorobenzene	n/a	=	50.7	µg/L	EPA 624	-88	-88			
2016/17-1	ME-VR2	srgt environ, rec	11/2/2016	Organic	4-Bromofluorobenzene	n/a	=	101	%	EPA 624	-88	-88	88	108	
2016/17-1	ME-VR2	srgt environ	11/4/2016	Organic	4-Bromofluorobenzene	n/a	=	36	µg/L	EPA 8015B	-88	-88			
2016/17-1	ME-VR2	srgt environ, rec	11/4/2016	Organic	4-Bromofluorobenzene	n/a	=	72	%	EPA 8015B	-88	-88	72	124	
2016/17-1	MO-FIL	srgt environ	11/2/2016	Organic	4-Bromofluorobenzene	n/a	=	49.8	µg/L	EPA 624	-88	-88			
2016/17-1	MO-FIL	srgt environ, rec	11/2/2016	Organic	4-Bromofluorobenzene	n/a	=	100	%	EPA 624	-88	-88	88	108	
2016/17-1	MO-FIL	srgt environ	11/2/2016	Organic	4-Bromofluorobenzene	n/a	=	41	µg/L	EPA 8015B	-88	-88			
2016/17-1	MO-FIL	srgt environ, rec	11/2/2016	Organic	4-Bromofluorobenzene	n/a	=	82	%	EPA 8015B	-88	-88	72	124	
2016/17-1	MO-MEI	srgt environ	11/2/2016	Organic	4-Bromofluorobenzene	n/a	=	49.7	µg/L	EPA 624	-88	-88			
2016/17-1	MO-MEI	srgt environ, rec	11/2/2016	Organic	4-Bromofluorobenzene	n/a	=	99	%	EPA 624	-88	-88	88	108	
2016/17-1	MO-MEI	srgt environ	11/2/2016	Organic	4-Bromofluorobenzene	n/a	=	36	µg/L	EPA 8015B	-88	-88			
2016/17-1	MO-MEI	srgt environ, rec	11/2/2016	Organic	4-Bromofluorobenzene	n/a	=	72	%	EPA 8015B	-88	-88	72	124	
2016/17-1	MO-MPK	srgt environ	11/2/2016	Organic	4-Bromofluorobenzene	n/a	=	50.4	µg/L	EPA 624	-88	-88			
2016/17-1	MO-MPK	srgt environ, rec	11/2/2016	Organic	4-Bromofluorobenzene	n/a	=	101	%	EPA 624	-88	-88	88	108	
2016/17-1	MO-MPK	srgt environ	11/3/2016	Organic	4-Bromofluorobenzene	n/a	=	38	µg/L	EPA 8015B	-88	-88			
2016/17-1	MO-MPK	srgt environ, rec	11/3/2016	Organic	4-Bromofluorobenzene	n/a	=	76	%	EPA 8015B	-88	-88	72	124	
2016/17-1	MO-OJA	srgt environ	11/2/2016	Organic	4-Bromofluorobenzene	n/a	=	50	µg/L	EPA 624	-88	-88			
2016/17-1	MO-OJA	srgt environ, rec	11/2/2016	Organic	4-Bromofluorobenzene	n/a	=	100	%	EPA 624	-88	-88	88	108	
2016/17-1	MO-OJA	srgt environ	11/2/2016	Organic	4-Bromofluorobenzene	n/a	=	36	µg/L	EPA 8015B	-88	-88			
2016/17-1	MO-OJA	srgt environ, rec	11/2/2016	Organic	4-Bromofluorobenzene	n/a	=	72	%	EPA 8015B	-88	-88	72	124	
2016/17-1	MO-OXN	srgt environ	11/2/2016	Organic	4-Bromofluorobenzene	n/a	=	50.1	µg/L	EPA 624	-88	-88			
2016/17-1	MO-OXN	srgt environ, rec	11/2/2016	Organic	4-Bromofluorobenzene	n/a	=	100	%	EPA 624	-88	-88	88	108	
2016/17-1	MO-OXN	srgt environ	11/2/2016	Organic	4-Bromofluorobenzene	n/a	=	38	µg/L	EPA 8015B	-88	-88			
2016/17-1	MO-OXN	srgt environ, rec	11/2/2016	Organic	4-Bromofluorobenzene	n/a	=	76	%	EPA 8015B	-88	-88	72	124	
2016/17-1	MO-SIM	srgt environ	11/2/2016	Organic	4-Bromofluorobenzene	n/a	=	49.8	µg/L	EPA 624	-88	-88			
2016/17-1	MO-SIM	srgt environ, rec	11/2/2016	Organic	4-Bromofluorobenzene	n/a	=	100	%	EPA 624	-88	-88	88	108	
2016/17-1	MO-SIM	srgt environ	11/3/2016	Organic	4-Bromofluorobenzene	n/a	=	37	µg/L	EPA 8015B	-88	-88			
2016/17-1	MO-SIM	srgt environ, rec	11/3/2016	Organic	4-Bromofluorobenzene	n/a	=	74	%	EPA 8015B	-88	-88	72	124	
2016/17-1	MO-SPA	srgt environ	11/2/2016	Organic	4-Bromofluorobenzene	n/a	=	49.6	µg/L	EPA 624	-88	-88			
2016/17-1	MO-SPA	srgt environ, rec	11/2/2016	Organic	4-Bromofluorobenzene	n/a	=	99	%	EPA 624	-88	-88	88	108	
2016/17-1	MO-SPA	srgt environ	11/2/2016	Organic	4-Bromofluorobenzene	n/a	=	44	µg/L	EPA 8015B	-88	-88			
2016/17-1	MO-SPA	srgt environ, rec	11/2/2016	Organic	4-Bromofluorobenzene	n/a	=	88	%	EPA 8015B	-88	-88	72	124	
2016/17-1	MO-THO	srgt environ	11/2/2016	Organic	4-Bromofluorobenzene	n/a	=	49.1	µg/L	EPA 624	-88	-88			
2016/17-1	MO-THO	srgt environ, rec	11/2/2016	Organic	4-Bromofluorobenzene	n/a	=	98	%	EPA 624	-88	-88	88	108	
2016/17-1	MO-THO	srgt environ	11/3/2016	Organic	4-Bromofluorobenzene	n/a	=	37	µg/L	EPA 8015B	-88	-88			
2016/17-1	MO-THO	srgt environ, rec	11/3/2016	Organic	4-Bromofluorobenzene	n/a	=	74	%	EPA 8015B	-88	-88	72	124	
2016/17-1	MO-VEN	srgt environ	11/2/2016	Organic	4-Bromofluorobenzene	n/a	=	50.1	µg/L	EPA 624	-88	-88			
2016/17-1	MO-VEN	srgt environ, rec	11/2/2016	Organic	4-Bromofluorobenzene	n/a	=	100	%	EPA 624	-88	-88	88	108	
2016/17-1	MO-VEN	srgt field duplicate	11/2/2016	Organic	4-Bromofluorobenzene	n/a	=	50.1	µg/L	EPA 624	-88	-88			
2016/17-1	MO-VEN	srgt field duplicate, rec	11/2/2016	Organic	4-Bromofluorobenzene	n/a	=	100	%	EPA 624	-88	-88	88	108	
2016/17-1	MO-VEN	srgt environ	11/2/2016	Organic	4-Bromofluorobenzene	n/a	=	38	µg/L	EPA 8015B	-88	-88			
2016/17-1	MO-VEN	srgt environ, rec	11/2/2016	Organic	4-Bromofluorobenzene	n/a	=	76	%	EPA 8015B	-88	-88	72	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	
2016/17-1	MO-VEN	srgt field duplicate	11/3/2016	Organic	4-Bromofluorobenzene	n/a	=	41	µg/L	EPA 8015B	-88	-88			
2016/17-1	MO-VEN	srgt field duplicate, rec	11/3/2016	Organic	4-Bromofluorobenzene	n/a	=	82	%	EPA 8015B	-88	-88	72	124	
2016/17-1	Lab	method blank	11/15/2016	Organic	4-Bromophenyl phenyl ether	n/a	<	0.36	µg/L	EPA 625	0.36	1			
2016/17-1	Lab	LCS dup	11/15/2016	Organic	4-Bromophenyl phenyl ether	n/a	=	20.6	µg/L	EPA 625	0.36	1			
2016/17-1	Lab	LCS dup, rec	11/15/2016	Organic	4-Bromophenyl phenyl ether	n/a	=	82	%	EPA 625	-88	-88	53	127	
2016/17-1	Lab	LCS, RPD	11/15/2016	Organic	4-Bromophenyl phenyl ether	n/a	=	0.3	%	EPA 625	-88	-88	0	30	
2016/17-1	Lab	LCS	11/15/2016	Organic	4-Bromophenyl phenyl ether	n/a	=	20.6	µg/L	EPA 625	0.36	1			
2016/17-1	Lab	LCS, rec	11/15/2016	Organic	4-Bromophenyl phenyl ether	n/a	=	83	%	EPA 625	-88	-88	53	127	
2016/17-1	Lab	method blank	11/15/2016	Organic	4-Chloro-3-methylphenol	n/a	<	0.23	µg/L	EPA 625	0.23	1			
2016/17-1	Lab	LCS dup	11/15/2016	Organic	4-Chloro-3-methylphenol	n/a	=	25.3	µg/L	EPA 625	0.23	1			
2016/17-1	Lab	LCS dup, rec	11/15/2016	Organic	4-Chloro-3-methylphenol	n/a	=	101	%	EPA 625	-88	-88	22	147	
2016/17-1	Lab	LCS, RPD	11/15/2016	Organic	4-Chloro-3-methylphenol	n/a	=	7	%	EPA 625	-88	-88	0	30	
2016/17-1	Lab	LCS	11/15/2016	Organic	4-Chloro-3-methylphenol	n/a	=	23.6	µg/L	EPA 625	0.23	1			
2016/17-1	Lab	LCS, rec	11/15/2016	Organic	4-Chloro-3-methylphenol	n/a	=	94	%	EPA 625	-88	-88	22	147	
2016/17-1	Lab	method blank	11/30/2016	Organic	4-Chloro-3-methylphenol	n/a	<	0.37	µg/L	EPA 8270C	0.37	1			
2016/17-1	Lab	LCS	11/30/2016	Organic	4-Chloro-3-methylphenol	n/a	=	9.3	µg/L	EPA 8270C	0.37	1			
2016/17-1	Lab	LCS, rec	11/30/2016	Organic	4-Chloro-3-methylphenol	n/a	=	93	%	EPA 8270C	-88	-88	29	108	
2016/17-1	Lab	LCS dup	11/30/2016	Organic	4-Chloro-3-methylphenol	n/a	=	9.57	µg/L	EPA 8270C	0.37	1			
2016/17-1	Lab	LCS dup, rec	11/30/2016	Organic	4-Chloro-3-methylphenol	n/a	=	96	%	EPA 8270C	-88	-88	29	108	
2016/17-1	Lab	LCS, RPD	11/30/2016	Organic	4-Chloro-3-methylphenol	n/a	=	3	%	EPA 8270C	-88	-88	0	30	
2016/17-1	Lab	method blank	11/15/2016	Organic	4-Chlorophenyl phenyl ether	n/a	<	0.41	µg/L	EPA 625	0.41	1			
2016/17-1	Lab	LCS dup	11/15/2016	Organic	4-Chlorophenyl phenyl ether	n/a	=	23	µg/L	EPA 625	0.41	1			
2016/17-1	Lab	LCS dup, rec	11/15/2016	Organic	4-Chlorophenyl phenyl ether	n/a	=	92	%	EPA 625	-88	-88	25	158	
2016/17-1	Lab	LCS, RPD	11/15/2016	Organic	4-Chlorophenyl phenyl ether	n/a	=	4	%	EPA 625	-88	-88	0	30	
2016/17-1	Lab	LCS	11/15/2016	Organic	4-Chlorophenyl phenyl ether	n/a	=	22	µg/L	EPA 625	0.41	1			
2016/17-1	Lab	LCS, rec	11/15/2016	Organic	4-Chlorophenyl phenyl ether	n/a	=	88	%	EPA 625	-88	-88	25	158	
2016/17-1	Lab	method blank	11/15/2016	Organic	4-Nitrophenol	n/a	<	0.45	µg/L	EPA 625	0.45	5			
2016/17-1	Lab	LCS dup	11/15/2016	Organic	4-Nitrophenol	n/a	=	8.54	µg/L	EPA 625	0.45	5			
2016/17-1	Lab	LCS dup, rec	11/15/2016	Organic	4-Nitrophenol	n/a	=	34	%	EPA 625	-88	-88	0.1	132	
2016/17-1	Lab	LCS, RPD	11/15/2016	Organic	4-Nitrophenol	n/a	=	0.5	%	EPA 625	-88	-88	0	30	
2016/17-1	Lab	LCS	11/15/2016	Organic	4-Nitrophenol	n/a	=	8.5	µg/L	EPA 625	0.45	5			
2016/17-1	Lab	LCS, rec	11/15/2016	Organic	4-Nitrophenol	n/a	=	34	%	EPA 625	-88	-88	0.1	132	
2016/17-1	Lab	method blank	11/30/2016	Organic	4-Nitrophenol	n/a	<	1	µg/L	EPA 8270C	1	2			
2016/17-1	Lab	LCS	11/30/2016	Organic	4-Nitrophenol	n/a	=	5.11	µg/L	EPA 8270C	1	2			EUM
2016/17-1	Lab	LCS, rec	11/30/2016	Organic	4-Nitrophenol	n/a	=	51	%	EPA 8270C	-88	-88	6	46	EUM
2016/17-1	Lab	LCS dup	11/30/2016	Organic	4-Nitrophenol	n/a	=	5.82	µg/L	EPA 8270C	1	2			EUM
2016/17-1	Lab	LCS dup, rec	11/30/2016	Organic	4-Nitrophenol	n/a	=	58	%	EPA 8270C	-88	-88	6	46	EUM
2016/17-1	Lab	LCS, RPD	11/30/2016	Organic	4-Nitrophenol	n/a	=	13	%	EPA 8270C	-88	-88	0	30	
2016/17-1	Lab	method blank	11/15/2016	Organic	Acenaphthene	n/a	<	0.38	µg/L	EPA 625	0.38	1			
2016/17-1	Lab	LCS dup	11/15/2016	Organic	Acenaphthene	n/a	=	22	µg/L	EPA 625	0.38	1			
2016/17-1	Lab	LCS dup, rec	11/15/2016	Organic	Acenaphthene	n/a	=	88	%	EPA 625	-88	-88	47	145	
2016/17-1	Lab	LCS, RPD	11/15/2016	Organic	Acenaphthene	n/a	=	7	%	EPA 625	-88	-88	0	30	
2016/17-1	Lab	LCS	11/15/2016	Organic	Acenaphthene	n/a	=	20.6	µg/L	EPA 625	0.38	1			
2016/17-1	Lab	LCS, rec	11/15/2016	Organic	Acenaphthene	n/a	=	82	%	EPA 625	-88	-88	47	145	
2016/17-1	Lab	method blank	11/30/2016	Organic	Acenaphthene	n/a	<	0.1	µg/L	EPA 8270C	0.1	0.1			
2016/17-1	Lab	LCS	11/30/2016	Organic	Acenaphthene	n/a	=	9.65	µg/L	EPA 8270C	0.1	0.1			
2016/17-1	Lab	LCS, rec	11/30/2016	Organic	Acenaphthene	n/a	=	97	%	EPA 8270C	-88	-88	11	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	
2016/17-1	Lab	LCS dup	11/30/2016	Organic	Acenaphthene	n/a	=	9.74	µg/L	EPA 8270C	0.1	0.1			
2016/17-1	Lab	LCS dup, rec	11/30/2016	Organic	Acenaphthene	n/a	=	97	%	EPA 8270C	-88	-88	11	122	
2016/17-1	Lab	LCS, RPD	11/30/2016	Organic	Acenaphthene	n/a	=	0.9	%	EPA 8270C	-88	-88	0	30	
2016/17-1	Lab	method blank	11/15/2016	Organic	Acenaphthylene	n/a	<	0.4	µg/L	EPA 625	0.4	1			
2016/17-1	Lab	LCS dup	11/15/2016	Organic	Acenaphthylene	n/a	=	25.4	µg/L	EPA 625	0.4	1			
2016/17-1	Lab	LCS dup, rec	11/15/2016	Organic	Acenaphthylene	n/a	=	102	%	EPA 625	-88	-88	33	145	
2016/17-1	Lab	LCS, RPD	11/15/2016	Organic	Acenaphthylene	n/a	=	8	%	EPA 625	-88	-88	0	30	
2016/17-1	Lab	LCS	11/15/2016	Organic	Acenaphthylene	n/a	=	23.5	µg/L	EPA 625	0.4	1			
2016/17-1	Lab	LCS, rec	11/15/2016	Organic	Acenaphthylene	n/a	=	94	%	EPA 625	-88	-88	33	145	
2016/17-1	Lab	method blank	11/30/2016	Organic	Acenaphthylene	n/a	<	0.1	µg/L	EPA 8270C	0.1	0.1			
2016/17-1	Lab	LCS	11/30/2016	Organic	Acenaphthylene	n/a	=	9.76	µg/L	EPA 8270C	0.1	0.1			
2016/17-1	Lab	LCS, rec	11/30/2016	Organic	Acenaphthylene	n/a	=	98	%	EPA 8270C	-88	-88	4	135	
2016/17-1	Lab	LCS dup	11/30/2016	Organic	Acenaphthylene	n/a	=	9.5	µg/L	EPA 8270C	0.1	0.1			
2016/17-1	Lab	LCS dup, rec	11/30/2016	Organic	Acenaphthylene	n/a	=	95	%	EPA 8270C	-88	-88	4	135	
2016/17-1	Lab	LCS, RPD	11/30/2016	Organic	Acenaphthylene	n/a	=	3	%	EPA 8270C	-88	-88	0	30	
2016/17-1	Lab	method blank	11/15/2016	Organic	Anthracene	n/a	<	0.34	µg/L	EPA 625	0.34	1			
2016/17-1	Lab	LCS dup	11/15/2016	Organic	Anthracene	n/a	=	23.2	µg/L	EPA 625	0.34	1			
2016/17-1	Lab	LCS dup, rec	11/15/2016	Organic	Anthracene	n/a	=	93	%	EPA 625	-88	-88	27	133	
2016/17-1	Lab	LCS, RPD	11/15/2016	Organic	Anthracene	n/a	=	2	%	EPA 625	-88	-88	0	30	
2016/17-1	Lab	LCS	11/15/2016	Organic	Anthracene	n/a	=	22.6	µg/L	EPA 625	0.34	1			
2016/17-1	Lab	LCS, rec	11/15/2016	Organic	Anthracene	n/a	=	90	%	EPA 625	-88	-88	27	133	
2016/17-1	Lab	method blank	11/30/2016	Organic	Anthracene	n/a	<	0.1	µg/L	EPA 8270C	0.1	0.1			
2016/17-1	Lab	LCS	11/30/2016	Organic	Anthracene	n/a	=	9.73	µg/L	EPA 8270C	0.1	0.1			
2016/17-1	Lab	LCS, rec	11/30/2016	Organic	Anthracene	n/a	=	97	%	EPA 8270C	-88	-88	22	127	
2016/17-1	Lab	LCS dup	11/30/2016	Organic	Anthracene	n/a	=	8.83	µg/L	EPA 8270C	0.1	0.1			
2016/17-1	Lab	LCS dup, rec	11/30/2016	Organic	Anthracene	n/a	=	88	%	EPA 8270C	-88	-88	22	127	
2016/17-1	Lab	LCS, RPD	11/30/2016	Organic	Anthracene	n/a	=	10	%	EPA 8270C	-88	-88	0	30	
2016/17-1	Lab	method blank	11/15/2016	Organic	Benz(a)anthracene	n/a	<	0.19	µg/L	EPA 625	0.19	1			
2016/17-1	Lab	LCS dup	11/15/2016	Organic	Benz(a)anthracene	n/a	=	19.3	µg/L	EPA 625	0.19	1			
2016/17-1	Lab	LCS dup, rec	11/15/2016	Organic	Benz(a)anthracene	n/a	=	77	%	EPA 625	-88	-88	33	143	
2016/17-1	Lab	LCS, RPD	11/15/2016	Organic	Benz(a)anthracene	n/a	=	8	%	EPA 625	-88	-88	0	30	
2016/17-1	Lab	LCS	11/15/2016	Organic	Benz(a)anthracene	n/a	=	17.8	µg/L	EPA 625	0.19	1			
2016/17-1	Lab	LCS, rec	11/15/2016	Organic	Benz(a)anthracene	n/a	=	71	%	EPA 625	-88	-88	33	143	
2016/17-1	Lab	method blank	11/30/2016	Organic	Benz(a)anthracene	n/a	<	0.1	µg/L	EPA 8270C	0.1	0.1			
2016/17-1	Lab	LCS	11/30/2016	Organic	Benz(a)anthracene	n/a	=	11	µg/L	EPA 8270C	0.1	0.1			
2016/17-1	Lab	LCS, rec	11/30/2016	Organic	Benz(a)anthracene	n/a	=	110	%	EPA 8270C	-88	-88	17	131	
2016/17-1	Lab	LCS dup	11/30/2016	Organic	Benz(a)anthracene	n/a	=	8.62	µg/L	EPA 8270C	0.1	0.1			
2016/17-1	Lab	LCS dup, rec	11/30/2016	Organic	Benz(a)anthracene	n/a	=	86	%	EPA 8270C	-88	-88	17	131	
2016/17-1	Lab	LCS, RPD	11/30/2016	Organic	Benz(a)anthracene	n/a	=	25	%	EPA 8270C	-88	-88	0	30	
2016/17-1	Lab	method blank	11/15/2016	Organic	Benzidine	n/a	<	3.7	µg/L	EPA 625	3.7	10			
2016/17-1	Lab	method blank	11/11/2016	Organic	Benzo(a)pyrene	n/a	<	0.02	µg/L	EPA 525.2	0.02	0.1			
2016/17-1	Lab	LCS	11/11/2016	Organic	Benzo(a)pyrene	n/a	=	4.73	µg/L	EPA 525.2	0.02	0.1			
2016/17-1	Lab	LCS, rec	11/11/2016	Organic	Benzo(a)pyrene	n/a	=	95	%	EPA 525.2	-88	-88	40	147	
2016/17-1	Lab	LCS dup	11/11/2016	Organic	Benzo(a)pyrene	n/a	=	4.94	µg/L	EPA 525.2	0.02	0.1			
2016/17-1	Lab	LCS dup, rec	11/11/2016	Organic	Benzo(a)pyrene	n/a	=	99	%	EPA 525.2	-88	-88	40	147	
2016/17-1	Lab	LCS, RPD	11/11/2016	Organic	Benzo(a)pyrene	n/a	=	4	%	EPA 525.2	-88	-88	0	30	
2016/17-1	Lab	method blank	11/14/2016	Organic	Benzo(a)pyrene	n/a	<	0.02	µg/L	EPA 525.2	0.02	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	
2016/17-1	Lab	LCS dup	11/14/2016	Organic	Benzo(a)pyrene	n/a	=	3.71	µg/L	EPA 525.2	0.02	0.1			
2016/17-1	Lab	LCS dup, rec	11/14/2016	Organic	Benzo(a)pyrene	n/a	=	74	%	EPA 525.2	-88	-88	40	147	
2016/17-1	Lab	LCS, RPD	11/14/2016	Organic	Benzo(a)pyrene	n/a	=	23	%	EPA 525.2	-88	-88	0	30	
2016/17-1	Lab	LCS	11/14/2016	Organic	Benzo(a)pyrene	n/a	=	4.67	µg/L	EPA 525.2	0.02	0.1			
2016/17-1	Lab	LCS, rec	11/14/2016	Organic	Benzo(a)pyrene	n/a	=	93	%	EPA 525.2	-88	-88	40	147	
2016/17-1	Lab	method blank	11/15/2016	Organic	Benzo(a)pyrene	n/a	<	0.13	µg/L	EPA 625	0.13	1			
2016/17-1	Lab	LCS dup	11/15/2016	Organic	Benzo(a)pyrene	n/a	=	22.5	µg/L	EPA 625	0.13	1			
2016/17-1	Lab	LCS dup, rec	11/15/2016	Organic	Benzo(a)pyrene	n/a	=	90	%	EPA 625	-88	-88	17	163	
2016/17-1	Lab	LCS, RPD	11/15/2016	Organic	Benzo(a)pyrene	n/a	=	13	%	EPA 625	-88	-88	0	30	
2016/17-1	Lab	LCS	11/15/2016	Organic	Benzo(a)pyrene	n/a	=	19.7	µg/L	EPA 625	0.13	1			
2016/17-1	Lab	LCS, rec	11/15/2016	Organic	Benzo(a)pyrene	n/a	=	79	%	EPA 625	-88	-88	17	163	
2016/17-1	Lab	method blank	11/30/2016	Organic	Benzo(a)pyrene	n/a	<	0.1	µg/L	EPA 8270C	0.1	0.1			
2016/17-1	Lab	LCS	11/30/2016	Organic	Benzo(a)pyrene	n/a	=	8.54	µg/L	EPA 8270C	0.1	0.1			
2016/17-1	Lab	LCS, rec	11/30/2016	Organic	Benzo(a)pyrene	n/a	=	85	%	EPA 8270C	-88	-88	12	131	
2016/17-1	Lab	LCS dup	11/30/2016	Organic	Benzo(a)pyrene	n/a	=	6.55	µg/L	EPA 8270C	0.1	0.1			
2016/17-1	Lab	LCS dup, rec	11/30/2016	Organic	Benzo(a)pyrene	n/a	=	66	%	EPA 8270C	-88	-88	12	131	
2016/17-1	Lab	LCS, RPD	11/30/2016	Organic	Benzo(a)pyrene	n/a	=	26	%	EPA 8270C	-88	-88	0	30	
2016/17-1	Lab	method blank	11/15/2016	Organic	Benzo(b)fluoranthene	n/a	<	0.14	µg/L	EPA 625	0.14	1			
2016/17-1	Lab	LCS dup	11/15/2016	Organic	Benzo(b)fluoranthene	n/a	=	22.3	µg/L	EPA 625	0.14	1			
2016/17-1	Lab	LCS dup, rec	11/15/2016	Organic	Benzo(b)fluoranthene	n/a	=	89	%	EPA 625	-88	-88	24	159	
2016/17-1	Lab	LCS, RPD	11/15/2016	Organic	Benzo(b)fluoranthene	n/a	=	3	%	EPA 625	-88	-88	0	30	
2016/17-1	Lab	LCS	11/15/2016	Organic	Benzo(b)fluoranthene	n/a	=	21.8	µg/L	EPA 625	0.14	1			
2016/17-1	Lab	LCS, rec	11/15/2016	Organic	Benzo(b)fluoranthene	n/a	=	87	%	EPA 625	-88	-88	24	159	
2016/17-1	Lab	method blank	11/30/2016	Organic	Benzo(b)fluoranthene	n/a	<	0.1	µg/L	EPA 8270C	0.1	0.1			
2016/17-1	Lab	LCS	11/30/2016	Organic	Benzo(b)fluoranthene	n/a	=	9.62	µg/L	EPA 8270C	0.1	0.1			
2016/17-1	Lab	LCS, rec	11/30/2016	Organic	Benzo(b)fluoranthene	n/a	=	96	%	EPA 8270C	-88	-88	19	129	
2016/17-1	Lab	LCS dup	11/30/2016	Organic	Benzo(b)fluoranthene	n/a	=	7.6	µg/L	EPA 8270C	0.1	0.1			
2016/17-1	Lab	LCS dup, rec	11/30/2016	Organic	Benzo(b)fluoranthene	n/a	=	76	%	EPA 8270C	-88	-88	19	129	
2016/17-1	Lab	LCS, RPD	11/30/2016	Organic	Benzo(b)fluoranthene	n/a	=	23	%	EPA 8270C	-88	-88	0	30	
2016/17-1	Lab	method blank	11/15/2016	Organic	Benzo(g,h,i)perylene	n/a	<	0.1	µg/L	EPA 625	0.1	2			
2016/17-1	Lab	LCS dup	11/15/2016	Organic	Benzo(g,h,i)perylene	n/a	=	17.9	µg/L	EPA 625	0.1	2			
2016/17-1	Lab	LCS dup, rec	11/15/2016	Organic	Benzo(g,h,i)perylene	n/a	=	72	%	EPA 625	-88	-88	0.1	219	
2016/17-1	Lab	LCS, RPD	11/15/2016	Organic	Benzo(g,h,i)perylene	n/a	=	6	%	EPA 625	-88	-88	0	30	
2016/17-1	Lab	LCS	11/15/2016	Organic	Benzo(g,h,i)perylene	n/a	=	16.9	µg/L	EPA 625	0.1	2			
2016/17-1	Lab	LCS, rec	11/15/2016	Organic	Benzo(g,h,i)perylene	n/a	=	68	%	EPA 625	-88	-88	0.1	219	
2016/17-1	Lab	method blank	11/30/2016	Organic	Benzo(g,h,i)perylene	n/a	<	0.1	µg/L	EPA 8270C	0.1	0.1			
2016/17-1	Lab	LCS	11/30/2016	Organic	Benzo(g,h,i)perylene	n/a	=	8.74	µg/L	EPA 8270C	0.1	0.1			
2016/17-1	Lab	LCS, rec	11/30/2016	Organic	Benzo(g,h,i)perylene	n/a	=	87	%	EPA 8270C	-88	-88	14	139	
2016/17-1	Lab	LCS dup	11/30/2016	Organic	Benzo(g,h,i)perylene	n/a	=	7.81	µg/L	EPA 8270C	0.1	0.1			
2016/17-1	Lab	LCS dup, rec	11/30/2016	Organic	Benzo(g,h,i)perylene	n/a	=	78	%	EPA 8270C	-88	-88	14	139	
2016/17-1	Lab	LCS, RPD	11/30/2016	Organic	Benzo(g,h,i)perylene	n/a	=	11	%	EPA 8270C	-88	-88	0	30	
2016/17-1	Lab	method blank	11/15/2016	Organic	Benzo(k)fluoranthene	n/a	<	0.22	µg/L	EPA 625	0.22	1			
2016/17-1	Lab	LCS dup	11/15/2016	Organic	Benzo(k)fluoranthene	n/a	=	24.6	µg/L	EPA 625	0.22	1			
2016/17-1	Lab	LCS dup, rec	11/15/2016	Organic	Benzo(k)fluoranthene	n/a	=	98	%	EPA 625	-88	-88	11	162	
2016/17-1	Lab	LCS, RPD	11/15/2016	Organic	Benzo(k)fluoranthene	n/a	=	16	%	EPA 625	-88	-88	0	30	
2016/17-1	Lab	LCS	11/15/2016	Organic	Benzo(k)fluoranthene	n/a	=	21.1	µg/L	EPA 625	0.22	1			
2016/17-1	Lab	LCS, rec	11/15/2016	Organic	Benzo(k)fluoranthene	n/a	=	84	%	EPA 625	-88	-88	11	162	

Appendix F
Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2016/17-1	Lab	method blank	11/30/2016	Organic	Benzo(k)fluoranthene	n/a	<	0.1	µg/L	EPA 8270C	0.1	0.1			
2016/17-1	Lab	LCS	11/30/2016	Organic	Benzo(k)fluoranthene	n/a	=	7.56	µg/L	EPA 8270C	0.1	0.1			
2016/17-1	Lab	LCS, rec	11/30/2016	Organic	Benzo(k)fluoranthene	n/a	=	76	%	EPA 8270C	-88	-88	22	127	
2016/17-1	Lab	LCS dup	11/30/2016	Organic	Benzo(k)fluoranthene	n/a	=	5.75	µg/L	EPA 8270C	0.1	0.1			
2016/17-1	Lab	LCS dup, rec	11/30/2016	Organic	Benzo(k)fluoranthene	n/a	=	57	%	EPA 8270C	-88	-88	22	127	
2016/17-1	Lab	LCS, RPD	11/30/2016	Organic	Benzo(k)fluoranthene	n/a	=	27	%	EPA 8270C	-88	-88	0	30	
2016/17-1	Lab	method blank	11/15/2016	Organic	Bis(2-chloroethoxy)methane	n/a	<	0.25	µg/L	EPA 625	0.25	1			
2016/17-1	Lab	LCS dup	11/15/2016	Organic	Bis(2-chloroethoxy)methane	n/a	=	23	µg/L	EPA 625	0.25	1			
2016/17-1	Lab	LCS dup, rec	11/15/2016	Organic	Bis(2-chloroethoxy)methane	n/a	=	92	%	EPA 625	-88	-88	33	184	
2016/17-1	Lab	LCS, RPD	11/15/2016	Organic	Bis(2-chloroethoxy)methane	n/a	=	15	%	EPA 625	-88	-88	0	30	
2016/17-1	Lab	LCS	11/15/2016	Organic	Bis(2-chloroethoxy)methane	n/a	=	19.8	µg/L	EPA 625	0.25	1			
2016/17-1	Lab	LCS, rec	11/15/2016	Organic	Bis(2-chloroethoxy)methane	n/a	=	79	%	EPA 625	-88	-88	33	184	
2016/17-1	Lab	method blank	11/15/2016	Organic	Bis(2-chloroethyl)ether	n/a	<	0.27	µg/L	EPA 625	0.27	1			
2016/17-1	Lab	LCS dup	11/15/2016	Organic	Bis(2-chloroethyl)ether	n/a	=	20	µg/L	EPA 625	0.27	1			
2016/17-1	Lab	LCS dup, rec	11/15/2016	Organic	Bis(2-chloroethyl)ether	n/a	=	80	%	EPA 625	-88	-88	12	158	
2016/17-1	Lab	LCS, RPD	11/15/2016	Organic	Bis(2-chloroethyl)ether	n/a	=	10	%	EPA 625	-88	-88	0	30	
2016/17-1	Lab	LCS	11/15/2016	Organic	Bis(2-chloroethyl)ether	n/a	=	18	µg/L	EPA 625	0.27	1			
2016/17-1	Lab	LCS, rec	11/15/2016	Organic	Bis(2-chloroethyl)ether	n/a	=	72	%	EPA 625	-88	-88	12	158	
2016/17-1	Lab	method blank	11/15/2016	Organic	Bis(2-chloroisopropyl)ether	n/a	<	0.38	µg/L	EPA 625	0.38	1			
2016/17-1	Lab	LCS dup	11/15/2016	Organic	Bis(2-chloroisopropyl)ether	n/a	=	23.3	µg/L	EPA 625	0.38	1			
2016/17-1	Lab	LCS dup, rec	11/15/2016	Organic	Bis(2-chloroisopropyl)ether	n/a	=	93	%	EPA 625	-88	-88	36	166	
2016/17-1	Lab	LCS, RPD	11/15/2016	Organic	Bis(2-chloroisopropyl)ether	n/a	=	15	%	EPA 625	-88	-88	0	30	
2016/17-1	Lab	LCS	11/15/2016	Organic	Bis(2-chloroisopropyl)ether	n/a	=	20.2	µg/L	EPA 625	0.38	1			
2016/17-1	Lab	LCS, rec	11/15/2016	Organic	Bis(2-chloroisopropyl)ether	n/a	=	81	%	EPA 625	-88	-88	36	166	
2016/17-1	Lab	method blank	11/11/2016	Organic	Bis(2-ethylhexyl)adipate	n/a	<	0.1	µg/L	EPA 525.2	0.1	5			
2016/17-1	Lab	LCS	11/11/2016	Organic	Bis(2-ethylhexyl)adipate	n/a	DNQ	4.73	µg/L	EPA 525.2	0.1	5			
2016/17-1	Lab	LCS, rec	11/11/2016	Organic	Bis(2-ethylhexyl)adipate	n/a	=	95	%	EPA 525.2	-88	-88	71	158	
2016/17-1	Lab	LCS dup	11/11/2016	Organic	Bis(2-ethylhexyl)adipate	n/a	=	5	µg/L	EPA 525.2	0.1	5			
2016/17-1	Lab	LCS dup, rec	11/11/2016	Organic	Bis(2-ethylhexyl)adipate	n/a	=	100	%	EPA 525.2	-88	-88	71	158	
2016/17-1	Lab	LCS, RPD	11/11/2016	Organic	Bis(2-ethylhexyl)adipate	n/a	=	6	%	EPA 525.2	-88	-88	0	30	
2016/17-1	Lab	method blank	11/14/2016	Organic	Bis(2-ethylhexyl)adipate	n/a	<	0.1	µg/L	EPA 525.2	0.1	5			
2016/17-1	Lab	LCS dup	11/14/2016	Organic	Bis(2-ethylhexyl)adipate	n/a	DNQ	4.14	µg/L	EPA 525.2	0.1	5			
2016/17-1	Lab	LCS dup, rec	11/14/2016	Organic	Bis(2-ethylhexyl)adipate	n/a	=	83	%	EPA 525.2	-88	-88	71	158	
2016/17-1	Lab	LCS, RPD	11/14/2016	Organic	Bis(2-ethylhexyl)adipate	n/a	=	2	%	EPA 525.2	-88	-88	0	30	
2016/17-1	Lab	LCS	11/14/2016	Organic	Bis(2-ethylhexyl)adipate	n/a	DNQ	4.21	µg/L	EPA 525.2	0.1	5			
2016/17-1	Lab	LCS, rec	11/14/2016	Organic	Bis(2-ethylhexyl)adipate	n/a	=	84	%	EPA 525.2	-88	-88	71	158	
2016/17-1	Lab	method blank	11/11/2016	Organic	Bis(2-ethylhexyl)phthalate	n/a	<	0.6	µg/L	EPA 525.2	0.6	3			
2016/17-1	Lab	LCS	11/11/2016	Organic	Bis(2-ethylhexyl)phthalate	n/a	=	5.24	µg/L	EPA 525.2	0.6	3			
2016/17-1	Lab	LCS, rec	11/11/2016	Organic	Bis(2-ethylhexyl)phthalate	n/a	=	105	%	EPA 525.2	-88	-88	68	154	
2016/17-1	Lab	LCS dup	11/11/2016	Organic	Bis(2-ethylhexyl)phthalate	n/a	=	5.23	µg/L	EPA 525.2	0.6	3			
2016/17-1	Lab	LCS dup, rec	11/11/2016	Organic	Bis(2-ethylhexyl)phthalate	n/a	=	105	%	EPA 525.2	-88	-88	68	154	
2016/17-1	Lab	LCS, RPD	11/11/2016	Organic	Bis(2-ethylhexyl)phthalate	n/a	=	0.2	%	EPA 525.2	-88	-88	0	30	
2016/17-1	Lab	method blank	11/14/2016	Organic	Bis(2-ethylhexyl)phthalate	n/a	<	0.6	µg/L	EPA 525.2	0.6	3			
2016/17-1	Lab	LCS dup	11/14/2016	Organic	Bis(2-ethylhexyl)phthalate	n/a	=	4.3	µg/L	EPA 525.2	0.6	3			
2016/17-1	Lab	LCS dup, rec	11/14/2016	Organic	Bis(2-ethylhexyl)phthalate	n/a	=	86	%	EPA 525.2	-88	-88	68	154	
2016/17-1	Lab	LCS, RPD	11/14/2016	Organic	Bis(2-ethylhexyl)phthalate	n/a	=	1	%	EPA 525.2	-88	-88	0	30	
2016/17-1	Lab	LCS	11/14/2016	Organic	Bis(2-ethylhexyl)phthalate	n/a	=	4.36	µg/L	EPA 525.2	0.6	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	
2016/17-1	Lab	LCS, rec	11/14/2016	Organic	Bis(2-ethylhexyl)phthalate	n/a	=	87	%	EPA 525.2	-88	-88	68	154	
2016/17-1	Lab	method blank	11/15/2016	Organic	Bis(2-ethylhexyl)phthalate	n/a	<	2.3	µg/L	EPA 625	2.3	5			
2016/17-1	Lab	LCS dup	11/15/2016	Organic	Bis(2-ethylhexyl)phthalate	n/a	=	114	µg/L	EPA 625	2.3	5			EUM
2016/17-1	Lab	LCS dup, rec	11/15/2016	Organic	Bis(2-ethylhexyl)phthalate	n/a	=	456	%	EPA 625	-88	-88	8	158	EUM
2016/17-1	Lab	LCS, RPD	11/15/2016	Organic	Bis(2-ethylhexyl)phthalate	n/a	=	143	%	EPA 625	-88	-88	0	30	IL
2016/17-1	Lab	LCS	11/15/2016	Organic	Bis(2-ethylhexyl)phthalate	n/a	=	19	µg/L	EPA 625	2.3	5			
2016/17-1	Lab	LCS, rec	11/15/2016	Organic	Bis(2-ethylhexyl)phthalate	n/a	=	76	%	EPA 625	-88	-88	8	158	
2016/17-1	Lab	method blank	12/3/2016	Organic	Bis(2-ethylhexyl)phthalate	n/a	<	2.3	µg/L	EPA 625	2.3	5			
2016/17-1	Lab	LCS	12/3/2016	Organic	Bis(2-ethylhexyl)phthalate	n/a	=	8.1	µg/L	EPA 625	2.3	5			
2016/17-1	Lab	LCS, rec	12/3/2016	Organic	Bis(2-ethylhexyl)phthalate	n/a	=	81	%	EPA 625	-88	-88	8	158	
2016/17-1	Lab	LCS dup	12/3/2016	Organic	Bis(2-ethylhexyl)phthalate	n/a	=	15.6	µg/L	EPA 625	2.3	5			
2016/17-1	Lab	LCS dup, rec	12/3/2016	Organic	Bis(2-ethylhexyl)phthalate	n/a	=	156	%	EPA 625	-88	-88	8	158	
2016/17-1	Lab	LCS, RPD	12/3/2016	Organic	Bis(2-ethylhexyl)phthalate	n/a	=	63	%	EPA 625	-88	-88	0	30	IL
2016/17-1	Lab	method blank	11/15/2016	Organic	Butyl benzyl phthalate	n/a	<	0.18	µg/L	EPA 625	0.18	1			
2016/17-1	Lab	LCS dup	11/15/2016	Organic	Butyl benzyl phthalate	n/a	=	21.3	µg/L	EPA 625	0.18	1			
2016/17-1	Lab	LCS dup, rec	11/15/2016	Organic	Butyl benzyl phthalate	n/a	=	85	%	EPA 625	-88	-88	0.1	152	
2016/17-1	Lab	LCS, RPD	11/15/2016	Organic	Butyl benzyl phthalate	n/a	=	16	%	EPA 625	-88	-88	0	30	
2016/17-1	Lab	LCS	11/15/2016	Organic	Butyl benzyl phthalate	n/a	=	18.1	µg/L	EPA 625	0.18	1			
2016/17-1	Lab	LCS, rec	11/15/2016	Organic	Butyl benzyl phthalate	n/a	=	72	%	EPA 625	-88	-88	0.1	152	
2016/17-1	Lab	method blank	11/15/2016	Organic	Chrysene	n/a	<	0.19	µg/L	EPA 625	0.19	1			
2016/17-1	Lab	LCS dup	11/15/2016	Organic	Chrysene	n/a	=	25.1	µg/L	EPA 625	0.19	1			
2016/17-1	Lab	LCS dup, rec	11/15/2016	Organic	Chrysene	n/a	=	100	%	EPA 625	-88	-88	17	168	
2016/17-1	Lab	LCS, RPD	11/15/2016	Organic	Chrysene	n/a	=	5	%	EPA 625	-88	-88	0	30	
2016/17-1	Lab	LCS	11/15/2016	Organic	Chrysene	n/a	=	23.9	µg/L	EPA 625	0.19	1			
2016/17-1	Lab	LCS, rec	11/15/2016	Organic	Chrysene	n/a	=	96	%	EPA 625	-88	-88	17	168	
2016/17-1	Lab	method blank	11/30/2016	Organic	Chrysene	n/a	<	0.1	µg/L	EPA 8270C	0.1	0.1			
2016/17-1	Lab	LCS	11/30/2016	Organic	Chrysene	n/a	=	9.31	µg/L	EPA 8270C	0.1	0.1			
2016/17-1	Lab	LCS, rec	11/30/2016	Organic	Chrysene	n/a	=	93	%	EPA 8270C	-88	-88	32	126	
2016/17-1	Lab	LCS dup	11/30/2016	Organic	Chrysene	n/a	=	8.63	µg/L	EPA 8270C	0.1	0.1			
2016/17-1	Lab	LCS dup, rec	11/30/2016	Organic	Chrysene	n/a	=	86	%	EPA 8270C	-88	-88	32	126	
2016/17-1	Lab	LCS, RPD	11/30/2016	Organic	Chrysene	n/a	=	8	%	EPA 8270C	-88	-88	0	30	
2016/17-1	Lab	method blank	11/15/2016	Organic	Dibenz(a,h)anthracene	n/a	<	0.08	µg/L	EPA 625	0.08	2			
2016/17-1	Lab	LCS dup	11/15/2016	Organic	Dibenz(a,h)anthracene	n/a	=	13.1	µg/L	EPA 625	0.08	2			
2016/17-1	Lab	LCS dup, rec	11/15/2016	Organic	Dibenz(a,h)anthracene	n/a	=	52	%	EPA 625	-88	-88	0.1	227	
2016/17-1	Lab	LCS, RPD	11/15/2016	Organic	Dibenz(a,h)anthracene	n/a	=	4	%	EPA 625	-88	-88	0	30	
2016/17-1	Lab	LCS	11/15/2016	Organic	Dibenz(a,h)anthracene	n/a	=	12.6	µg/L	EPA 625	0.08	2			
2016/17-1	Lab	LCS, rec	11/15/2016	Organic	Dibenz(a,h)anthracene	n/a	=	50	%	EPA 625	-88	-88	0.1	227	
2016/17-1	Lab	method blank	11/30/2016	Organic	Dibenz(a,h)anthracene	n/a	<	0.1	µg/L	EPA 8270C	0.1	0.1			
2016/17-1	Lab	LCS	11/30/2016	Organic	Dibenz(a,h)anthracene	n/a	=	6.17	µg/L	EPA 8270C	0.1	0.1			
2016/17-1	Lab	LCS, rec	11/30/2016	Organic	Dibenz(a,h)anthracene	n/a	=	62	%	EPA 8270C	-88	-88	9	147	
2016/17-1	Lab	LCS dup	11/30/2016	Organic	Dibenz(a,h)anthracene	n/a	=	5.57	µg/L	EPA 8270C	0.1	0.1			
2016/17-1	Lab	LCS dup, rec	11/30/2016	Organic	Dibenz(a,h)anthracene	n/a	=	56	%	EPA 8270C	-88	-88	9	147	
2016/17-1	Lab	LCS, RPD	11/30/2016	Organic	Dibenz(a,h)anthracene	n/a	=	10	%	EPA 8270C	-88	-88	0	30	
2016/17-1	Lab	method blank	11/15/2016	Organic	Diethyl phthalate	n/a	<	0.15	µg/L	EPA 625	0.15	1			
2016/17-1	Lab	LCS dup	11/15/2016	Organic	Diethyl phthalate	n/a	=	22.7	µg/L	EPA 625	0.15	1			
2016/17-1	Lab	LCS dup, rec	11/15/2016	Organic	Diethyl phthalate	n/a	=	91	%	EPA 625	-88	-88	0.1	114	
2016/17-1	Lab	LCS, RPD	11/15/2016	Organic	Diethyl phthalate	n/a	=	0.7	%	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	
2016/17-1	Lab	LCS	11/15/2016	Organic	Diethyl phthalate	n/a	=	22.9	µg/L	EPA 625	0.15	1			
2016/17-1	Lab	LCS, rec	11/15/2016	Organic	Diethyl phthalate	n/a	=	91	%	EPA 625	-88	-88	0.1	114	
2016/17-1	Lab	method blank	11/15/2016	Organic	Dimethyl phthalate	n/a	<	0.18	µg/L	EPA 625	0.18	1			
2016/17-1	Lab	LCS dup	11/15/2016	Organic	Dimethyl phthalate	n/a	=	30.8	µg/L	EPA 625	0.18	1			EUM
2016/17-1	Lab	LCS dup, rec	11/15/2016	Organic	Dimethyl phthalate	n/a	=	123	%	EPA 625	-88	-88	0.1	112	EUM
2016/17-1	Lab	LCS, RPD	11/15/2016	Organic	Dimethyl phthalate	n/a	=	12	%	EPA 625	-88	-88	0	30	
2016/17-1	Lab	LCS	11/15/2016	Organic	Dimethyl phthalate	n/a	=	27.3	µg/L	EPA 625	0.18	1			
2016/17-1	Lab	LCS, rec	11/15/2016	Organic	Dimethyl phthalate	n/a	=	109	%	EPA 625	-88	-88	0.1	112	
2016/17-1	Lab	method blank	11/15/2016	Organic	Di-n-butylphthalate	n/a	<	0.24	µg/L	EPA 625	0.24	1			
2016/17-1	Lab	LCS dup	11/15/2016	Organic	Di-n-butylphthalate	n/a	=	22.8	µg/L	EPA 625	0.24	1			
2016/17-1	Lab	LCS dup, rec	11/15/2016	Organic	Di-n-butylphthalate	n/a	=	91	%	EPA 625	-88	-88	1	118	
2016/17-1	Lab	LCS, RPD	11/15/2016	Organic	Di-n-butylphthalate	n/a	=	0.4	%	EPA 625	-88	-88	0	30	
2016/17-1	Lab	LCS	11/15/2016	Organic	Di-n-butylphthalate	n/a	=	22.7	µg/L	EPA 625	0.24	1			
2016/17-1	Lab	LCS, rec	11/15/2016	Organic	Di-n-butylphthalate	n/a	=	91	%	EPA 625	-88	-88	1	118	
2016/17-1	Lab	method blank	11/15/2016	Organic	Di-n-octylphthalate	n/a	DNQ	0.64	µg/L	EPA 625	0.19	1			IP
2016/17-1	Lab	LCS dup	11/15/2016	Organic	Di-n-octylphthalate	n/a	=	23.3	µg/L	EPA 625	0.19	1			
2016/17-1	Lab	LCS dup, rec	11/15/2016	Organic	Di-n-octylphthalate	n/a	=	93	%	EPA 625	-88	-88	4	146	
2016/17-1	Lab	LCS, RPD	11/15/2016	Organic	Di-n-octylphthalate	n/a	=	20	%	EPA 625	-88	-88	0	30	
2016/17-1	Lab	LCS	11/15/2016	Organic	Di-n-octylphthalate	n/a	=	19.1	µg/L	EPA 625	0.19	1			
2016/17-1	Lab	LCS, rec	11/15/2016	Organic	Di-n-octylphthalate	n/a	=	76	%	EPA 625	-88	-88	4	146	
2016/17-1	Lab	method blank	11/15/2016	Organic	Fluoranthene	n/a	<	0.22	µg/L	EPA 625	0.22	1			
2016/17-1	Lab	LCS dup	11/15/2016	Organic	Fluoranthene	n/a	=	21.4	µg/L	EPA 625	0.22	1			
2016/17-1	Lab	LCS dup, rec	11/15/2016	Organic	Fluoranthene	n/a	=	86	%	EPA 625	-88	-88	26	137	
2016/17-1	Lab	LCS, RPD	11/15/2016	Organic	Fluoranthene	n/a	=	1	%	EPA 625	-88	-88	0	30	
2016/17-1	Lab	LCS	11/15/2016	Organic	Fluoranthene	n/a	=	21.2	µg/L	EPA 625	0.22	1			
2016/17-1	Lab	LCS, rec	11/15/2016	Organic	Fluoranthene	n/a	=	85	%	EPA 625	-88	-88	26	137	
2016/17-1	Lab	method blank	11/30/2016	Organic	Fluoranthene	n/a	<	0.1	µg/L	EPA 8270C	0.1	0.1			
2016/17-1	Lab	LCS	11/30/2016	Organic	Fluoranthene	n/a	=	10.5	µg/L	EPA 8270C	0.1	0.1			
2016/17-1	Lab	LCS, rec	11/30/2016	Organic	Fluoranthene	n/a	=	105	%	EPA 8270C	-88	-88	22	131	
2016/17-1	Lab	LCS dup	11/30/2016	Organic	Fluoranthene	n/a	=	9.22	µg/L	EPA 8270C	0.1	0.1			
2016/17-1	Lab	LCS dup, rec	11/30/2016	Organic	Fluoranthene	n/a	=	92	%	EPA 8270C	-88	-88	22	131	
2016/17-1	Lab	LCS, RPD	11/30/2016	Organic	Fluoranthene	n/a	=	13	%	EPA 8270C	-88	-88	0	30	
2016/17-1	Lab	method blank	11/15/2016	Organic	Fluorene	n/a	<	0.35	µg/L	EPA 625	0.35	1			
2016/17-1	Lab	LCS dup	11/15/2016	Organic	Fluorene	n/a	=	22.6	µg/L	EPA 625	0.35	1			
2016/17-1	Lab	LCS dup, rec	11/15/2016	Organic	Fluorene	n/a	=	90	%	EPA 625	-88	-88	59	121	
2016/17-1	Lab	LCS, RPD	11/15/2016	Organic	Fluorene	n/a	=	2	%	EPA 625	-88	-88	0	30	
2016/17-1	Lab	LCS	11/15/2016	Organic	Fluorene	n/a	=	22.1	µg/L	EPA 625	0.35	1			
2016/17-1	Lab	LCS, rec	11/15/2016	Organic	Fluorene	n/a	=	88	%	EPA 625	-88	-88	59	121	
2016/17-1	Lab	method blank	11/30/2016	Organic	Fluorene	n/a	<	0.1	µg/L	EPA 8270C	0.1	0.1			
2016/17-1	Lab	LCS	11/30/2016	Organic	Fluorene	n/a	=	9.78	µg/L	EPA 8270C	0.1	0.1			
2016/17-1	Lab	LCS, rec	11/30/2016	Organic	Fluorene	n/a	=	98	%	EPA 8270C	-88	-88	19	122	
2016/17-1	Lab	LCS dup	11/30/2016	Organic	Fluorene	n/a	=	9.93	µg/L	EPA 8270C	0.1	0.1			
2016/17-1	Lab	LCS dup, rec	11/30/2016	Organic	Fluorene	n/a	=	99	%	EPA 8270C	-88	-88	19	122	
2016/17-1	Lab	LCS, RPD	11/30/2016	Organic	Fluorene	n/a	=	2	%	EPA 8270C	-88	-88	0	30	
2016/17-1	Lab	method blank	11/15/2016	Organic	Hexachlorobenzene	n/a	<	0.49	µg/L	EPA 625	0.49	1			
2016/17-1	Lab	LCS dup	11/15/2016	Organic	Hexachlorobenzene	n/a	=	20.4	µg/L	EPA 625	0.49	1			
2016/17-1	Lab	LCS dup, rec	11/15/2016	Organic	Hexachlorobenzene	n/a	=	82	%	EPA 625	-88	-88	0.1	152	

Appendix F
Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2016/17-1	Lab	LCS, RPD	11/15/2016	Organic	Hexachlorobenzene	n/a	=	3	%	EPA 625	-88	-88	0	30	
2016/17-1	Lab	LCS	11/15/2016	Organic	Hexachlorobenzene	n/a	=	19.9	µg/L	EPA 625	0.49	1			
2016/17-1	Lab	LCS, rec	11/15/2016	Organic	Hexachlorobenzene	n/a	=	80	%	EPA 625	-88	-88	0.1	152	
2016/17-1	Lab	method blank	11/15/2016	Organic	Hexachlorobutadiene	n/a	<	0.47	µg/L	EPA 625	0.47	1			
2016/17-1	Lab	LCS dup	11/15/2016	Organic	Hexachlorobutadiene	n/a	=	18.9	µg/L	EPA 625	0.47	1			
2016/17-1	Lab	LCS dup, rec	11/15/2016	Organic	Hexachlorobutadiene	n/a	=	76	%	EPA 625	-88	-88	24	116	
2016/17-1	Lab	LCS, RPD	11/15/2016	Organic	Hexachlorobutadiene	n/a	=	2	%	EPA 625	-88	-88	0	30	
2016/17-1	Lab	LCS	11/15/2016	Organic	Hexachlorobutadiene	n/a	=	18.6	µg/L	EPA 625	0.47	1			
2016/17-1	Lab	LCS, rec	11/15/2016	Organic	Hexachlorobutadiene	n/a	=	74	%	EPA 625	-88	-88	24	116	
2016/17-1	Lab	method blank	11/15/2016	Organic	Hexachlorocyclopentadiene	n/a	<	1.5	µg/L	EPA 625	1.5	5			
2016/17-1	Lab	LCS dup	11/15/2016	Organic	Hexachlorocyclopentadiene	n/a	=	15	µg/L	EPA 625	1.5	5			
2016/17-1	Lab	LCS dup, rec	11/15/2016	Organic	Hexachlorocyclopentadiene	n/a	=	60	%	EPA 625	-88	-88	0.1	81	
2016/17-1	Lab	LCS, RPD	11/15/2016	Organic	Hexachlorocyclopentadiene	n/a	=	30	%	EPA 625	-88	-88	0	30	
2016/17-1	Lab	LCS	11/15/2016	Organic	Hexachlorocyclopentadiene	n/a	=	11.1	µg/L	EPA 625	1.5	5			
2016/17-1	Lab	LCS, rec	11/15/2016	Organic	Hexachlorocyclopentadiene	n/a	=	44	%	EPA 625	-88	-88	0.1	81	
2016/17-1	Lab	method blank	11/15/2016	Organic	Hexachloroethane	n/a	<	0.52	µg/L	EPA 625	0.52	1			
2016/17-1	Lab	LCS dup	11/15/2016	Organic	Hexachloroethane	n/a	=	20	µg/L	EPA 625	0.52	1			
2016/17-1	Lab	LCS dup, rec	11/15/2016	Organic	Hexachloroethane	n/a	=	80	%	EPA 625	-88	-88	40	113	
2016/17-1	Lab	LCS, RPD	11/15/2016	Organic	Hexachloroethane	n/a	=	5	%	EPA 625	-88	-88	0	30	
2016/17-1	Lab	LCS	11/15/2016	Organic	Hexachloroethane	n/a	=	19	µg/L	EPA 625	0.52	1			
2016/17-1	Lab	LCS, rec	11/15/2016	Organic	Hexachloroethane	n/a	=	76	%	EPA 625	-88	-88	40	113	
2016/17-1	Lab	method blank	11/15/2016	Organic	Indeno(1,2,3-cd)pyrene	n/a	<	0.12	µg/L	EPA 625	0.12	2			
2016/17-1	Lab	LCS dup	11/15/2016	Organic	Indeno(1,2,3-cd)pyrene	n/a	=	19.5	µg/L	EPA 625	0.12	2			
2016/17-1	Lab	LCS dup, rec	11/15/2016	Organic	Indeno(1,2,3-cd)pyrene	n/a	=	78	%	EPA 625	-88	-88	0.1	171	
2016/17-1	Lab	LCS, RPD	11/15/2016	Organic	Indeno(1,2,3-cd)pyrene	n/a	=	5	%	EPA 625	-88	-88	0	30	
2016/17-1	Lab	LCS	11/15/2016	Organic	Indeno(1,2,3-cd)pyrene	n/a	=	18.5	µg/L	EPA 625	0.12	2			
2016/17-1	Lab	LCS, rec	11/15/2016	Organic	Indeno(1,2,3-cd)pyrene	n/a	=	74	%	EPA 625	-88	-88	0.1	171	
2016/17-1	Lab	method blank	11/30/2016	Organic	Indeno(1,2,3-cd)pyrene	n/a	<	0.1	µg/L	EPA 8270C	0.1	0.1			
2016/17-1	Lab	LCS	11/30/2016	Organic	Indeno(1,2,3-cd)pyrene	n/a	=	9.11	µg/L	EPA 8270C	0.1	0.1			
2016/17-1	Lab	LCS, rec	11/30/2016	Organic	Indeno(1,2,3-cd)pyrene	n/a	=	91	%	EPA 8270C	-88	-88	12	136	
2016/17-1	Lab	LCS dup	11/30/2016	Organic	Indeno(1,2,3-cd)pyrene	n/a	=	8.32	µg/L	EPA 8270C	0.1	0.1			
2016/17-1	Lab	LCS dup, rec	11/30/2016	Organic	Indeno(1,2,3-cd)pyrene	n/a	=	83	%	EPA 8270C	-88	-88	12	136	
2016/17-1	Lab	LCS, RPD	11/30/2016	Organic	Indeno(1,2,3-cd)pyrene	n/a	=	9	%	EPA 8270C	-88	-88	0	30	
2016/17-1	Lab	method blank	11/15/2016	Organic	Isophorone	n/a	<	0.21	µg/L	EPA 625	0.21	1			
2016/17-1	Lab	LCS dup	11/15/2016	Organic	Isophorone	n/a	=	24.7	µg/L	EPA 625	0.21	1			
2016/17-1	Lab	LCS dup, rec	11/15/2016	Organic	Isophorone	n/a	=	99	%	EPA 625	-88	-88	21	196	
2016/17-1	Lab	LCS, RPD	11/15/2016	Organic	Isophorone	n/a	=	16	%	EPA 625	-88	-88	0	30	
2016/17-1	Lab	LCS	11/15/2016	Organic	Isophorone	n/a	=	21	µg/L	EPA 625	0.21	1			
2016/17-1	Lab	LCS, rec	11/15/2016	Organic	Isophorone	n/a	=	84	%	EPA 625	-88	-88	21	196	
2016/17-1	Lab	LCS dup	11/1/2016	Organic	Methyl tert-butyl ether (MTBE)	n/a	=	59	µg/L	EPA 624	0.25	1			
2016/17-1	Lab	LCS dup, rec	11/1/2016	Organic	Methyl tert-butyl ether (MTBE)	n/a	=	118	%	EPA 624	-88	-88	80	128	
2016/17-1	Lab	LCS, RPD	11/1/2016	Organic	Methyl tert-butyl ether (MTBE)	n/a	=	2	%	EPA 624	-88	-88	0	25	
2016/17-1	Lab	LCS	11/2/2016	Organic	Methyl tert-butyl ether (MTBE)	n/a	=	60.2	µg/L	EPA 624	0.25	1			
2016/17-1	Lab	LCS, rec	11/2/2016	Organic	Methyl tert-butyl ether (MTBE)	n/a	=	120	%	EPA 624	-88	-88	80	128	
2016/17-1	MO-VEN	field duplicate	11/2/2016	Organic	Methyl tert-butyl ether (MTBE)	n/a	<	0.25	µg/L	EPA 624	0.25	1			
2016/17-1	Lab	method blank	11/15/2016	Organic	Naphthalene	n/a	<	0.49	µg/L	EPA 625	0.49	1			
2016/17-1	Lab	LCS dup	11/15/2016	Organic	Naphthalene	n/a	=	21.1	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	
2016/17-1	Lab	LCS dup, rec	11/15/2016	Organic	Naphthalene	n/a	=	84	%	EPA 625	-88	-88	21	133	
2016/17-1	Lab	LCS, RPD	11/15/2016	Organic	Naphthalene	n/a	=	11	%	EPA 625	-88	-88	0	30	
2016/17-1	Lab	LCS	11/15/2016	Organic	Naphthalene	n/a	=	18.9	µg/L	EPA 625	0.49	1			
2016/17-1	Lab	LCS, rec	11/15/2016	Organic	Naphthalene	n/a	=	75	%	EPA 625	-88	-88	21	133	
2016/17-1	Lab	method blank	11/30/2016	Organic	Naphthalene	n/a	<	0.1	µg/L	EPA 8270C	0.1	0.1			
2016/17-1	Lab	LCS	11/30/2016	Organic	Naphthalene	n/a	=	8.7	µg/L	EPA 8270C	0.1	0.1			
2016/17-1	Lab	LCS, rec	11/30/2016	Organic	Naphthalene	n/a	=	87	%	EPA 8270C	-88	-88	12	136	
2016/17-1	Lab	LCS dup	11/30/2016	Organic	Naphthalene	n/a	=	8.17	µg/L	EPA 8270C	0.1	0.1			
2016/17-1	Lab	LCS dup, rec	11/30/2016	Organic	Naphthalene	n/a	=	82	%	EPA 8270C	-88	-88	12	136	
2016/17-1	Lab	LCS, RPD	11/30/2016	Organic	Naphthalene	n/a	=	6	%	EPA 8270C	-88	-88	0	30	
2016/17-1	Lab	method blank	11/15/2016	Organic	Nitrobenzene	n/a	<	0.36	µg/L	EPA 625	0.36	1			
2016/17-1	Lab	LCS dup	11/15/2016	Organic	Nitrobenzene	n/a	=	22.9	µg/L	EPA 625	0.36	1			
2016/17-1	Lab	LCS dup, rec	11/15/2016	Organic	Nitrobenzene	n/a	=	92	%	EPA 625	-88	-88	35	180	
2016/17-1	Lab	LCS, RPD	11/15/2016	Organic	Nitrobenzene	n/a	=	17	%	EPA 625	-88	-88	0	30	
2016/17-1	Lab	LCS	11/15/2016	Organic	Nitrobenzene	n/a	=	19.2	µg/L	EPA 625	0.36	1			
2016/17-1	Lab	LCS, rec	11/15/2016	Organic	Nitrobenzene	n/a	=	77	%	EPA 625	-88	-88	35	180	
2016/17-1	Lab	srgt method blank	11/15/2016	Organic	Nitrobenzene-d5	n/a	=	19.7	µg/L	EPA 625	-88	-88			
2016/17-1	Lab	srgt method blank, rec	11/15/2016	Organic	Nitrobenzene-d5	n/a	=	79	%	EPA 625	-88	-88	27	111	
2016/17-1	Lab	srgt LCS dup	11/15/2016	Organic	Nitrobenzene-d5	n/a	=	21.4	µg/L	EPA 625	-88	-88			
2016/17-1	Lab	srgt LCS dup, rec	11/15/2016	Organic	Nitrobenzene-d5	n/a	=	85	%	EPA 625	-88	-88	27	111	
2016/17-1	Lab	srgt LCS	11/15/2016	Organic	Nitrobenzene-d5	n/a	=	18.6	µg/L	EPA 625	-88	-88			
2016/17-1	Lab	srgt LCS, rec	11/15/2016	Organic	Nitrobenzene-d5	n/a	=	74	%	EPA 625	-88	-88	27	111	
2016/17-1	Lab	srgt method blank	11/30/2016	Organic	Nitrobenzene-d5	n/a	=	2.88	µg/L	EPA 8270C	-88	-88			
2016/17-1	Lab	srgt method blank, rec	11/30/2016	Organic	Nitrobenzene-d5	n/a	=	58	%	EPA 8270C	-88	-88	51	143	
2016/17-1	Lab	srgt LCS	11/30/2016	Organic	Nitrobenzene-d5	n/a	=	3.21	µg/L	EPA 8270C	-88	-88			
2016/17-1	Lab	srgt LCS, rec	11/30/2016	Organic	Nitrobenzene-d5	n/a	=	64	%	EPA 8270C	-88	-88	51	143	
2016/17-1	Lab	srgt LCS dup	11/30/2016	Organic	Nitrobenzene-d5	n/a	=	2.87	µg/L	EPA 8270C	-88	-88			
2016/17-1	Lab	srgt LCS dup, rec	11/30/2016	Organic	Nitrobenzene-d5	n/a	=	57	%	EPA 8270C	-88	-88	51	143	
2016/17-1	Lab	srgt method blank	12/3/2016	Organic	Nitrobenzene-d5	n/a	=	2.98	µg/L	EPA 625	-88	-88			
2016/17-1	Lab	srgt method blank, rec	12/3/2016	Organic	Nitrobenzene-d5	n/a	=	60	%	EPA 625	-88	-88	27	111	
2016/17-1	Lab	srgt LCS	12/3/2016	Organic	Nitrobenzene-d5	n/a	=	3.04	µg/L	EPA 625	-88	-88			
2016/17-1	Lab	srgt LCS, rec	12/3/2016	Organic	Nitrobenzene-d5	n/a	=	61	%	EPA 625	-88	-88	27	111	
2016/17-1	Lab	srgt LCS dup	12/3/2016	Organic	Nitrobenzene-d5	n/a	=	2.75	µg/L	EPA 625	-88	-88			
2016/17-1	Lab	srgt LCS dup, rec	12/3/2016	Organic	Nitrobenzene-d5	n/a	=	55	%	EPA 625	-88	-88	27	111	
2016/17-1	ME-CC	srgt environ	11/15/2016	Organic	Nitrobenzene-d5	n/a	=	17	µg/L	EPA 625	-88	-88			
2016/17-1	ME-CC	srgt environ, rec	11/15/2016	Organic	Nitrobenzene-d5	n/a	=	34	%	EPA 625	-88	-88	27	111	
2016/17-1	ME-CC	srgt environ	11/30/2016	Organic	Nitrobenzene-d5	n/a	=	3.05	µg/L	EPA 8270C	-88	-88			
2016/17-1	ME-CC	srgt environ, rec	11/30/2016	Organic	Nitrobenzene-d5	n/a	=	61	%	EPA 8270C	-88	-88	51	143	
2016/17-1	ME-CC	srgt environ	12/3/2016	Organic	Nitrobenzene-d5	n/a	=	3.28	µg/L	EPA 625	-88	-88			
2016/17-1	ME-CC	srgt environ, rec	12/3/2016	Organic	Nitrobenzene-d5	n/a	=	66	%	EPA 625	-88	-88	27	111	
2016/17-1	ME-VR2	srgt environ	11/15/2016	Organic	Nitrobenzene-d5	n/a	=	19.4	µg/L	EPA 625	-88	-88			
2016/17-1	ME-VR2	srgt environ, rec	11/15/2016	Organic	Nitrobenzene-d5	n/a	=	78	%	EPA 625	-88	-88	27	111	
2016/17-1	ME-VR2	srgt environ	11/30/2016	Organic	Nitrobenzene-d5	n/a	=	2.75	µg/L	EPA 8270C	-88	-88			
2016/17-1	ME-VR2	srgt environ, rec	11/30/2016	Organic	Nitrobenzene-d5	n/a	=	55	%	EPA 8270C	-88	-88	51	143	
2016/17-1	MO-FIL	srgt environ	11/15/2016	Organic	Nitrobenzene-d5	n/a	=	17.6	µg/L	EPA 625	-88	-88			
2016/17-1	MO-FIL	srgt environ, rec	11/15/2016	Organic	Nitrobenzene-d5	n/a	=	71	%	EPA 625	-88	-88	27	111	
2016/17-1	MO-FIL	srgt environ	11/30/2016	Organic	Nitrobenzene-d5	n/a	=	2.63	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	
2016/17-1	MO-FIL	srgt environ, rec	11/30/2016	Organic	Nitrobenzene-d5	n/a	=	53	%	EPA 8270C	-88	-88	51	143	
2016/17-1	MO-MEI	srgt environ	11/15/2016	Organic	Nitrobenzene-d5	n/a	=	17	µg/L	EPA 625	-88	-88			
2016/17-1	MO-MEI	srgt environ, rec	11/15/2016	Organic	Nitrobenzene-d5	n/a	=	68	%	EPA 625	-88	-88	27	111	
2016/17-1	MO-MEI	srgt environ	11/30/2016	Organic	Nitrobenzene-d5	n/a	=	2.7	µg/L	EPA 8270C	-88	-88			
2016/17-1	MO-MEI	srgt environ, rec	11/30/2016	Organic	Nitrobenzene-d5	n/a	=	54	%	EPA 8270C	-88	-88	51	143	
2016/17-1	MO-MPK	srgt environ	11/15/2016	Organic	Nitrobenzene-d5	n/a	=	15.6	µg/L	EPA 625	-88	-88			
2016/17-1	MO-MPK	srgt environ, rec	11/15/2016	Organic	Nitrobenzene-d5	n/a	=	62	%	EPA 625	-88	-88	27	111	
2016/17-1	MO-MPK	srgt environ	11/30/2016	Organic	Nitrobenzene-d5	n/a	=	3.49	µg/L	EPA 8270C	-88	-88			
2016/17-1	MO-MPK	srgt environ, rec	11/30/2016	Organic	Nitrobenzene-d5	n/a	=	70	%	EPA 8270C	-88	-88	51	143	
2016/17-1	MO-OJA	srgt environ	11/15/2016	Organic	Nitrobenzene-d5	n/a	=	19	µg/L	EPA 625	-88	-88			
2016/17-1	MO-OJA	srgt environ, rec	11/15/2016	Organic	Nitrobenzene-d5	n/a	=	76	%	EPA 625	-88	-88	27	111	
2016/17-1	MO-OJA	srgt environ	11/30/2016	Organic	Nitrobenzene-d5	n/a	=	1.99	µg/L	EPA 8270C	-88	-88			GN
2016/17-1	MO-OJA	srgt environ, rec	11/30/2016	Organic	Nitrobenzene-d5	n/a	=	40	%	EPA 8270C	-88	-88	51	143	GN
2016/17-1	MO-OJA	srgt environ	12/3/2016	Organic	Nitrobenzene-d5	n/a	<	0	µg/L	EPA 625	-88	-88			GN
2016/17-1	MO-OJA	srgt environ, rec	12/3/2016	Organic	Nitrobenzene-d5	n/a	=	0	%	EPA 625	-88	-88	27	111	GN
2016/17-1	MO-OXN	srgt environ	11/15/2016	Organic	Nitrobenzene-d5	n/a	=	12.9	µg/L	EPA 625	-88	-88			
2016/17-1	MO-OXN	srgt environ, rec	11/15/2016	Organic	Nitrobenzene-d5	n/a	=	52	%	EPA 625	-88	-88	27	111	
2016/17-1	MO-OXN	srgt environ	11/30/2016	Organic	Nitrobenzene-d5	n/a	=	3.28	µg/L	EPA 8270C	-88	-88			
2016/17-1	MO-OXN	srgt environ, rec	11/30/2016	Organic	Nitrobenzene-d5	n/a	=	66	%	EPA 8270C	-88	-88	51	143	
2016/17-1	MO-SIM	srgt environ	11/15/2016	Organic	Nitrobenzene-d5	n/a	=	13.8	µg/L	EPA 625	-88	-88			
2016/17-1	MO-SIM	srgt environ, rec	11/15/2016	Organic	Nitrobenzene-d5	n/a	=	55	%	EPA 625	-88	-88	27	111	
2016/17-1	MO-SIM	srgt environ	11/30/2016	Organic	Nitrobenzene-d5	n/a	=	3.4	µg/L	EPA 8270C	-88	-88			
2016/17-1	MO-SIM	srgt environ, rec	11/30/2016	Organic	Nitrobenzene-d5	n/a	=	68	%	EPA 8270C	-88	-88	51	143	
2016/17-1	MO-SPA	srgt environ	11/15/2016	Organic	Nitrobenzene-d5	n/a	=	19.2	µg/L	EPA 625	-88	-88			
2016/17-1	MO-SPA	srgt environ, rec	11/15/2016	Organic	Nitrobenzene-d5	n/a	=	77	%	EPA 625	-88	-88	27	111	
2016/17-1	MO-SPA	srgt environ	11/30/2016	Organic	Nitrobenzene-d5	n/a	=	3.01	µg/L	EPA 8270C	-88	-88			
2016/17-1	MO-SPA	srgt environ, rec	11/30/2016	Organic	Nitrobenzene-d5	n/a	=	60	%	EPA 8270C	-88	-88	51	143	
2016/17-1	MO-THO	srgt environ	11/15/2016	Organic	Nitrobenzene-d5	n/a	=	15.6	µg/L	EPA 625	-88	-88			
2016/17-1	MO-THO	srgt environ, rec	11/15/2016	Organic	Nitrobenzene-d5	n/a	=	62	%	EPA 625	-88	-88	27	111	
2016/17-1	MO-THO	srgt environ	11/30/2016	Organic	Nitrobenzene-d5	n/a	=	2.87	µg/L	EPA 8270C	-88	-88			
2016/17-1	MO-THO	srgt environ, rec	11/30/2016	Organic	Nitrobenzene-d5	n/a	=	57	%	EPA 8270C	-88	-88	51	143	
2016/17-1	Lab	method blank	11/15/2016	Organic	N-Nitrosodimethylamine	n/a	<	0.14	µg/L	EPA 625	0.14	1			
2016/17-1	Lab	LCS dup	11/15/2016	Organic	N-Nitrosodimethylamine	n/a	=	11.2	µg/L	EPA 625	0.14	1			
2016/17-1	Lab	LCS dup, rec	11/15/2016	Organic	N-Nitrosodimethylamine	n/a	=	45	%	EPA 625	-88	-88	15	59	
2016/17-1	Lab	LCS, RPD	11/15/2016	Organic	N-Nitrosodimethylamine	n/a	=	5	%	EPA 625	-88	-88	0	30	
2016/17-1	Lab	LCS	11/15/2016	Organic	N-Nitrosodimethylamine	n/a	=	11.8	µg/L	EPA 625	0.14	1			
2016/17-1	Lab	LCS, rec	11/15/2016	Organic	N-Nitrosodimethylamine	n/a	=	47	%	EPA 625	-88	-88	15	59	
2016/17-1	Lab	method blank	11/15/2016	Organic	N-Nitrosodi-N-propylamine	n/a	<	0.26	µg/L	EPA 625	0.26	1			
2016/17-1	Lab	LCS dup	11/15/2016	Organic	N-Nitrosodi-N-propylamine	n/a	=	24.7	µg/L	EPA 625	0.26	1			
2016/17-1	Lab	LCS dup, rec	11/15/2016	Organic	N-Nitrosodi-N-propylamine	n/a	=	99	%	EPA 625	-88	-88	0.1	230	
2016/17-1	Lab	LCS, RPD	11/15/2016	Organic	N-Nitrosodi-N-propylamine	n/a	=	20	%	EPA 625	-88	-88	0	30	
2016/17-1	Lab	LCS	11/15/2016	Organic	N-Nitrosodi-N-propylamine	n/a	=	20.1	µg/L	EPA 625	0.26	1			
2016/17-1	Lab	LCS, rec	11/15/2016	Organic	N-Nitrosodi-N-propylamine	n/a	=	81	%	EPA 625	-88	-88	0.1	230	
2016/17-1	Lab	method blank	11/15/2016	Organic	N-Nitrosodiphenylamine	n/a	<	0.19	µg/L	EPA 625	0.19	1			
2016/17-1	Lab	LCS dup	11/15/2016	Organic	N-Nitrosodiphenylamine	n/a	=	19.6	µg/L	EPA 625	0.19	1			
2016/17-1	Lab	LCS dup, rec	11/15/2016	Organic	N-Nitrosodiphenylamine	n/a	=	78	%	EPA 625	-88	-88	42	90	
2016/17-1	Lab	LCS, RPD	11/15/2016	Organic	N-Nitrosodiphenylamine	n/a	=	0.8	%	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	
2016/17-1	Lab	LCS	11/15/2016	Organic	N-Nitrosodiphenylamine	n/a	=	19.4	µg/L	EPA 625	0.19	1			
2016/17-1	Lab	LCS, rec	11/15/2016	Organic	N-Nitrosodiphenylamine	n/a	=	78	%	EPA 625	-88	-88	42	90	
2016/17-1	Lab	srgt method blank	11/11/2016	Organic	Perylene-d12	n/a	=	3.69	µg/L	EPA 525.2	-88	-88			
2016/17-1	Lab	srgt method blank, rec	11/11/2016	Organic	Perylene-d12	n/a	=	74	%	EPA 525.2	-88	-88	30	118	
2016/17-1	Lab	srgt LCS	11/11/2016	Organic	Perylene-d12	n/a	=	4.78	µg/L	EPA 525.2	-88	-88			
2016/17-1	Lab	srgt LCS, rec	11/11/2016	Organic	Perylene-d12	n/a	=	96	%	EPA 525.2	-88	-88	30	118	
2016/17-1	Lab	srgt LCS dup	11/11/2016	Organic	Perylene-d12	n/a	=	4.91	µg/L	EPA 525.2	-88	-88			
2016/17-1	Lab	srgt LCS dup, rec	11/11/2016	Organic	Perylene-d12	n/a	=	98	%	EPA 525.2	-88	-88	30	118	
2016/17-1	Lab	srgt method blank	11/14/2016	Organic	Perylene-d12	n/a	=	3.04	µg/L	EPA 525.2	-88	-88			
2016/17-1	Lab	srgt method blank, rec	11/14/2016	Organic	Perylene-d12	n/a	=	61	%	EPA 525.2	-88	-88	30	118	
2016/17-1	Lab	srgt LCS dup	11/14/2016	Organic	Perylene-d12	n/a	=	4.3	µg/L	EPA 525.2	-88	-88			
2016/17-1	Lab	srgt LCS dup, rec	11/14/2016	Organic	Perylene-d12	n/a	=	86	%	EPA 525.2	-88	-88	30	118	
2016/17-1	Lab	srgt LCS	11/14/2016	Organic	Perylene-d12	n/a	=	4.74	µg/L	EPA 525.2	-88	-88			
2016/17-1	Lab	srgt LCS, rec	11/14/2016	Organic	Perylene-d12	n/a	=	95	%	EPA 525.2	-88	-88	30	118	
2016/17-1	ME-CC	srgt environ	11/11/2016	Organic	Perylene-d12	n/a	=	1.76	µg/L	EPA 525.2	-88	-88			
2016/17-1	ME-CC	srgt environ, rec	11/11/2016	Organic	Perylene-d12	n/a	=	35	%	EPA 525.2	-88	-88	30	118	
2016/17-1	ME-VR2	srgt environ	11/11/2016	Organic	Perylene-d12	n/a	=	2.02	µg/L	EPA 525.2	-88	-88			
2016/17-1	ME-VR2	srgt environ, rec	11/11/2016	Organic	Perylene-d12	n/a	=	40	%	EPA 525.2	-88	-88	30	118	
2016/17-1	MO-FIL	srgt environ	11/11/2016	Organic	Perylene-d12	n/a	=	1.22	µg/L	EPA 525.2	-88	-88			GN
2016/17-1	MO-FIL	srgt environ, rec	11/11/2016	Organic	Perylene-d12	n/a	=	24	%	EPA 525.2	-88	-88	30	118	GN
2016/17-1	MO-MEI	srgt environ	11/11/2016	Organic	Perylene-d12	n/a	=	1.47	µg/L	EPA 525.2	-88	-88			GN
2016/17-1	MO-MEI	srgt environ, rec	11/11/2016	Organic	Perylene-d12	n/a	=	29	%	EPA 525.2	-88	-88	30	118	GN
2016/17-1	MO-MPK	srgt environ	11/11/2016	Organic	Perylene-d12	n/a	=	1.36	µg/L	EPA 525.2	-88	-88			GN
2016/17-1	MO-MPK	srgt environ, rec	11/11/2016	Organic	Perylene-d12	n/a	=	27	%	EPA 525.2	-88	-88	30	118	GN
2016/17-1	MO-OJA	srgt environ	11/11/2016	Organic	Perylene-d12	n/a	=	1.11	µg/L	EPA 525.2	-88	-88			GN
2016/17-1	MO-OJA	srgt environ, rec	11/11/2016	Organic	Perylene-d12	n/a	=	22	%	EPA 525.2	-88	-88	30	118	GN
2016/17-1	MO-OXN	srgt environ	11/11/2016	Organic	Perylene-d12	n/a	=	1.68	µg/L	EPA 525.2	-88	-88			
2016/17-1	MO-OXN	srgt environ, rec	11/11/2016	Organic	Perylene-d12	n/a	=	34	%	EPA 525.2	-88	-88	30	118	
2016/17-1	MO-SIM	srgt environ	11/11/2016	Organic	Perylene-d12	n/a	=	1.03	µg/L	EPA 525.2	-88	-88			GN
2016/17-1	MO-SIM	srgt environ, rec	11/11/2016	Organic	Perylene-d12	n/a	=	21	%	EPA 525.2	-88	-88	30	118	GN
2016/17-1	MO-SPA	srgt environ	11/11/2016	Organic	Perylene-d12	n/a	=	1.09	µg/L	EPA 525.2	-88	-88			GN
2016/17-1	MO-SPA	srgt environ, rec	11/11/2016	Organic	Perylene-d12	n/a	=	22	%	EPA 525.2	-88	-88	30	118	GN
2016/17-1	MO-THO	srgt environ	11/11/2016	Organic	Perylene-d12	n/a	=	1.25	µg/L	EPA 525.2	-88	-88			GN
2016/17-1	MO-THO	srgt environ, rec	11/11/2016	Organic	Perylene-d12	n/a	=	25	%	EPA 525.2	-88	-88	30	118	GN
2016/17-1	Lab	method blank	11/15/2016	Organic	Phenanthrene	n/a	<	0.32	µg/L	EPA 625	0.32	1			
2016/17-1	Lab	LCS dup	11/15/2016	Organic	Phenanthrene	n/a	=	23.4	µg/L	EPA 625	0.32	1			
2016/17-1	Lab	LCS dup, rec	11/15/2016	Organic	Phenanthrene	n/a	=	93	%	EPA 625	-88	-88	54	120	
2016/17-1	Lab	LCS, RPD	11/15/2016	Organic	Phenanthrene	n/a	=	2	%	EPA 625	-88	-88	0	30	
2016/17-1	Lab	LCS	11/15/2016	Organic	Phenanthrene	n/a	=	23	µg/L	EPA 625	0.32	1			
2016/17-1	Lab	LCS, rec	11/15/2016	Organic	Phenanthrene	n/a	=	92	%	EPA 625	-88	-88	54	120	
2016/17-1	Lab	method blank	11/30/2016	Organic	Phenanthrene	n/a	<	0.1	µg/L	EPA 8270C	0.1	0.1			
2016/17-1	Lab	LCS	11/30/2016	Organic	Phenanthrene	n/a	=	9.62	µg/L	EPA 8270C	0.1	0.1			
2016/17-1	Lab	LCS, rec	11/30/2016	Organic	Phenanthrene	n/a	=	96	%	EPA 8270C	-88	-88	21	131	
2016/17-1	Lab	LCS dup	11/30/2016	Organic	Phenanthrene	n/a	=	8.95	µg/L	EPA 8270C	0.1	0.1			
2016/17-1	Lab	LCS dup, rec	11/30/2016	Organic	Phenanthrene	n/a	=	89	%	EPA 8270C	-88	-88	21	131	
2016/17-1	Lab	LCS, RPD	11/30/2016	Organic	Phenanthrene	n/a	=	7	%	EPA 8270C	-88	-88	0	30	
2016/17-1	Lab	method blank	11/15/2016	Organic	Phenol	n/a	<	0.16	µg/L	EPA 625	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	
2016/17-1	Lab	LCS dup	11/15/2016	Organic	Phenol	n/a	=	9.3	µg/L	EPA 625	0.16	1			
2016/17-1	Lab	LCS dup, rec	11/15/2016	Organic	Phenol	n/a	=	37	%	EPA 625	-88	-88	5	112	
2016/17-1	Lab	LCS, RPD	11/15/2016	Organic	Phenol	n/a	=	7	%	EPA 625	-88	-88	0	30	
2016/17-1	Lab	LCS	11/15/2016	Organic	Phenol	n/a	=	8.71	µg/L	EPA 625	0.16	1			
2016/17-1	Lab	LCS, rec	11/15/2016	Organic	Phenol	n/a	=	35	%	EPA 625	-88	-88	5	112	
2016/17-1	Lab	method blank	11/30/2016	Organic	Phenol	n/a	<	0.35	µg/L	EPA 8270C	0.35	1			
2016/17-1	Lab	LCS	11/30/2016	Organic	Phenol	n/a	=	3.12	µg/L	EPA 8270C	0.35	1			
2016/17-1	Lab	LCS, rec	11/30/2016	Organic	Phenol	n/a	=	31	%	EPA 8270C	-88	-88	6	43	
2016/17-1	Lab	LCS dup	11/30/2016	Organic	Phenol	n/a	=	2.8	µg/L	EPA 8270C	0.35	1			
2016/17-1	Lab	LCS dup, rec	11/30/2016	Organic	Phenol	n/a	=	28	%	EPA 8270C	-88	-88	6	43	
2016/17-1	Lab	LCS, RPD	11/30/2016	Organic	Phenol	n/a	=	11	%	EPA 8270C	-88	-88	0	30	
2016/17-1	Lab	srgt method blank	11/15/2016	Organic	Phenol-d5	n/a	=	16.5	µg/L	EPA 625	-88	-88			
2016/17-1	Lab	srgt method blank, rec	11/15/2016	Organic	Phenol-d5	n/a	=	33	%	EPA 625	-88	-88	0.1	53	
2016/17-1	Lab	srgt LCS dup	11/15/2016	Organic	Phenol-d5	n/a	=	17.4	µg/L	EPA 625	-88	-88			
2016/17-1	Lab	srgt LCS dup, rec	11/15/2016	Organic	Phenol-d5	n/a	=	35	%	EPA 625	-88	-88	0.1	53	
2016/17-1	Lab	srgt LCS	11/15/2016	Organic	Phenol-d5	n/a	=	16.2	µg/L	EPA 625	-88	-88			
2016/17-1	Lab	srgt LCS, rec	11/15/2016	Organic	Phenol-d5	n/a	=	32	%	EPA 625	-88	-88	0.1	53	
2016/17-1	Lab	srgt method blank	11/30/2016	Organic	Phenol-d5	n/a	=	2.67	µg/L	EPA 8270C	-88	-88			
2016/17-1	Lab	srgt method blank, rec	11/30/2016	Organic	Phenol-d5	n/a	=	27	%	EPA 8270C	-88	-88	5	46	
2016/17-1	Lab	srgt LCS	11/30/2016	Organic	Phenol-d5	n/a	=	3.05	µg/L	EPA 8270C	-88	-88			
2016/17-1	Lab	srgt LCS, rec	11/30/2016	Organic	Phenol-d5	n/a	=	30	%	EPA 8270C	-88	-88	5	46	
2016/17-1	Lab	srgt LCS dup	11/30/2016	Organic	Phenol-d5	n/a	=	2.69	µg/L	EPA 8270C	-88	-88			
2016/17-1	Lab	srgt LCS dup, rec	11/30/2016	Organic	Phenol-d5	n/a	=	27	%	EPA 8270C	-88	-88	5	46	
2016/17-1	Lab	srgt method blank	12/3/2016	Organic	Phenol-d5	n/a	=	2.2	µg/L	EPA 625	-88	-88			
2016/17-1	Lab	srgt method blank, rec	12/3/2016	Organic	Phenol-d5	n/a	=	22	%	EPA 625	-88	-88	0.1	53	
2016/17-1	Lab	srgt LCS	12/3/2016	Organic	Phenol-d5	n/a	=	2.18	µg/L	EPA 625	-88	-88			
2016/17-1	Lab	srgt LCS, rec	12/3/2016	Organic	Phenol-d5	n/a	=	22	%	EPA 625	-88	-88	0.1	53	
2016/17-1	Lab	srgt LCS dup	12/3/2016	Organic	Phenol-d5	n/a	=	1.83	µg/L	EPA 625	-88	-88			
2016/17-1	Lab	srgt LCS dup, rec	12/3/2016	Organic	Phenol-d5	n/a	=	18	%	EPA 625	-88	-88	0.1	53	
2016/17-1	ME-CC	srgt environ	11/15/2016	Organic	Phenol-d5	n/a	=	21.6	µg/L	EPA 625	-88	-88			
2016/17-1	ME-CC	srgt environ, rec	11/15/2016	Organic	Phenol-d5	n/a	=	22	%	EPA 625	-88	-88	0.1	53	
2016/17-1	ME-CC	srgt environ	12/1/2016	Organic	Phenol-d5	n/a	=	2.28	µg/L	EPA 8270C	-88	-88			
2016/17-1	ME-CC	srgt environ, rec	12/1/2016	Organic	Phenol-d5	n/a	=	23	%	EPA 8270C	-88	-88	5	46	
2016/17-1	ME-CC	srgt environ	12/3/2016	Organic	Phenol-d5	n/a	=	1.75	µg/L	EPA 625	-88	-88			
2016/17-1	ME-CC	srgt environ, rec	12/3/2016	Organic	Phenol-d5	n/a	=	18	%	EPA 625	-88	-88	0.1	53	
2016/17-1	ME-VR2	srgt environ	11/15/2016	Organic	Phenol-d5	n/a	=	14.4	µg/L	EPA 625	-88	-88			
2016/17-1	ME-VR2	srgt environ, rec	11/15/2016	Organic	Phenol-d5	n/a	=	29	%	EPA 625	-88	-88	0.1	53	
2016/17-1	ME-VR2	srgt environ	12/1/2016	Organic	Phenol-d5	n/a	=	2.24	µg/L	EPA 8270C	-88	-88			
2016/17-1	ME-VR2	srgt environ, rec	12/1/2016	Organic	Phenol-d5	n/a	=	22	%	EPA 8270C	-88	-88	5	46	
2016/17-1	MO-FIL	srgt environ	11/15/2016	Organic	Phenol-d5	n/a	=	12.4	µg/L	EPA 625	-88	-88			
2016/17-1	MO-FIL	srgt environ, rec	11/15/2016	Organic	Phenol-d5	n/a	=	25	%	EPA 625	-88	-88	0.1	53	
2016/17-1	MO-FIL	srgt environ	12/1/2016	Organic	Phenol-d5	n/a	<	0	µg/L	EPA 8270C	-88	-88			GN
2016/17-1	MO-FIL	srgt environ, rec	12/1/2016	Organic	Phenol-d5	n/a	=	0	%	EPA 8270C	-88	-88	5	46	GN
2016/17-1	MO-MEI	srgt environ	11/15/2016	Organic	Phenol-d5	n/a	=	14.4	µg/L	EPA 625	-88	-88			
2016/17-1	MO-MEI	srgt environ, rec	11/15/2016	Organic	Phenol-d5	n/a	=	29	%	EPA 625	-88	-88	0.1	53	
2016/17-1	MO-MEI	srgt environ	11/30/2016	Organic	Phenol-d5	n/a	=	0.4	µg/L	EPA 8270C	-88	-88			GN
2016/17-1	MO-MEI	srgt environ, rec	11/30/2016	Organic	Phenol-d5	n/a	=	4	%	EPA 8270C	-88	-88	5	46	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	
2016/17-1	MO-MPK	srgt environ	11/15/2016	Organic	Phenol-d5	n/a	=	7.6	µg/L	EPA 625	-88	-88			
2016/17-1	MO-MPK	srgt environ, rec	11/15/2016	Organic	Phenol-d5	n/a	=	15	%	EPA 625	-88	-88	0.1	53	
2016/17-1	MO-MPK	srgt environ	12/1/2016	Organic	Phenol-d5	n/a	<	0	µg/L	EPA 8270C	-88	-88			GN
2016/17-1	MO-MPK	srgt environ, rec	12/1/2016	Organic	Phenol-d5	n/a	=	0	%	EPA 8270C	-88	-88	5	46	GN
2016/17-1	MO-OJA	srgt environ	11/15/2016	Organic	Phenol-d5	n/a	=	13	µg/L	EPA 625	-88	-88			
2016/17-1	MO-OJA	srgt environ, rec	11/15/2016	Organic	Phenol-d5	n/a	=	26	%	EPA 625	-88	-88	0.1	53	
2016/17-1	MO-OJA	srgt environ	11/30/2016	Organic	Phenol-d5	n/a	=	1	µg/L	EPA 8270C	-88	-88			
2016/17-1	MO-OJA	srgt environ, rec	11/30/2016	Organic	Phenol-d5	n/a	=	10	%	EPA 8270C	-88	-88	5	46	
2016/17-1	MO-OJA	srgt environ	12/3/2016	Organic	Phenol-d5	n/a	<	0	µg/L	EPA 625	-88	-88			GN
2016/17-1	MO-OJA	srgt environ, rec	12/3/2016	Organic	Phenol-d5	n/a	=	0	%	EPA 625	-88	-88	0.1	53	GN
2016/17-1	MO-OXN	srgt environ	11/15/2016	Organic	Phenol-d5	n/a	=	7.1	µg/L	EPA 625	-88	-88			
2016/17-1	MO-OXN	srgt environ, rec	11/15/2016	Organic	Phenol-d5	n/a	=	14	%	EPA 625	-88	-88	0.1	53	
2016/17-1	MO-OXN	srgt environ	12/1/2016	Organic	Phenol-d5	n/a	=	0.5	µg/L	EPA 8270C	-88	-88			
2016/17-1	MO-OXN	srgt environ, rec	12/1/2016	Organic	Phenol-d5	n/a	=	5	%	EPA 8270C	-88	-88	5	46	
2016/17-1	MO-SIM	srgt environ	11/15/2016	Organic	Phenol-d5	n/a	=	11	µg/L	EPA 625	-88	-88			
2016/17-1	MO-SIM	srgt environ, rec	11/15/2016	Organic	Phenol-d5	n/a	=	22	%	EPA 625	-88	-88	0.1	53	
2016/17-1	MO-SIM	srgt environ	12/1/2016	Organic	Phenol-d5	n/a	=	1.8	µg/L	EPA 8270C	-88	-88			
2016/17-1	MO-SIM	srgt environ, rec	12/1/2016	Organic	Phenol-d5	n/a	=	18	%	EPA 8270C	-88	-88	5	46	
2016/17-1	MO-SPA	srgt environ	11/15/2016	Organic	Phenol-d5	n/a	=	14.6	µg/L	EPA 625	-88	-88			
2016/17-1	MO-SPA	srgt environ, rec	11/15/2016	Organic	Phenol-d5	n/a	=	29	%	EPA 625	-88	-88	0.1	53	
2016/17-1	MO-SPA	srgt environ	11/30/2016	Organic	Phenol-d5	n/a	=	0.5	µg/L	EPA 8270C	-88	-88			
2016/17-1	MO-SPA	srgt environ, rec	11/30/2016	Organic	Phenol-d5	n/a	=	5	%	EPA 8270C	-88	-88	5	46	
2016/17-1	MO-THO	srgt environ	11/15/2016	Organic	Phenol-d5	n/a	=	11.2	µg/L	EPA 625	-88	-88			
2016/17-1	MO-THO	srgt environ, rec	11/15/2016	Organic	Phenol-d5	n/a	=	22	%	EPA 625	-88	-88	0.1	53	
2016/17-1	MO-THO	srgt environ	12/1/2016	Organic	Phenol-d5	n/a	=	0.5	µg/L	EPA 8270C	-88	-88			
2016/17-1	MO-THO	srgt environ, rec	12/1/2016	Organic	Phenol-d5	n/a	=	5	%	EPA 8270C	-88	-88	5	46	
2016/17-1	Lab	srgt method blank	11/15/2016	Organic	p-Terphenyl-d14	n/a	=	13	µg/L	EPA 625	-88	-88			
2016/17-1	Lab	srgt method blank, rec	11/15/2016	Organic	p-Terphenyl-d14	n/a	=	52	%	EPA 625	-88	-88	28	113	
2016/17-1	Lab	srgt LCS dup	11/15/2016	Organic	p-Terphenyl-d14	n/a	=	15.6	µg/L	EPA 625	-88	-88			
2016/17-1	Lab	srgt LCS dup, rec	11/15/2016	Organic	p-Terphenyl-d14	n/a	=	62	%	EPA 625	-88	-88	28	113	
2016/17-1	Lab	srgt LCS	11/15/2016	Organic	p-Terphenyl-d14	n/a	=	15.5	µg/L	EPA 625	-88	-88			
2016/17-1	Lab	srgt LCS, rec	11/15/2016	Organic	p-Terphenyl-d14	n/a	=	62	%	EPA 625	-88	-88	28	113	
2016/17-1	Lab	srgt method blank	11/30/2016	Organic	p-Terphenyl-d14	n/a	=	2.24	µg/L	EPA 8270C	-88	-88			
2016/17-1	Lab	srgt method blank, rec	11/30/2016	Organic	p-Terphenyl-d14	n/a	=	45	%	EPA 8270C	-88	-88	19	134	
2016/17-1	Lab	srgt LCS	11/30/2016	Organic	p-Terphenyl-d14	n/a	=	2.37	µg/L	EPA 8270C	-88	-88			
2016/17-1	Lab	srgt LCS, rec	11/30/2016	Organic	p-Terphenyl-d14	n/a	=	47	%	EPA 8270C	-88	-88	19	134	
2016/17-1	Lab	srgt LCS dup	11/30/2016	Organic	p-Terphenyl-d14	n/a	=	2.17	µg/L	EPA 8270C	-88	-88			
2016/17-1	Lab	srgt LCS dup, rec	11/30/2016	Organic	p-Terphenyl-d14	n/a	=	43	%	EPA 8270C	-88	-88	19	134	
2016/17-1	Lab	srgt method blank	12/3/2016	Organic	p-Terphenyl-d14	n/a	=	1.93	µg/L	EPA 625	-88	-88			
2016/17-1	Lab	srgt method blank, rec	12/3/2016	Organic	p-Terphenyl-d14	n/a	=	39	%	EPA 625	-88	-88	28	113	
2016/17-1	Lab	srgt LCS	12/3/2016	Organic	p-Terphenyl-d14	n/a	=	1.78	µg/L	EPA 625	-88	-88			
2016/17-1	Lab	srgt LCS, rec	12/3/2016	Organic	p-Terphenyl-d14	n/a	=	36	%	EPA 625	-88	-88	28	113	
2016/17-1	Lab	srgt LCS dup	12/3/2016	Organic	p-Terphenyl-d14	n/a	=	1.76	µg/L	EPA 625	-88	-88			
2016/17-1	Lab	srgt LCS dup, rec	12/3/2016	Organic	p-Terphenyl-d14	n/a	=	35	%	EPA 625	-88	-88	28	113	
2016/17-1	ME-CC	srgt environ	11/15/2016	Organic	p-Terphenyl-d14	n/a	=	28.8	µg/L	EPA 625	-88	-88			
2016/17-1	ME-CC	srgt environ, rec	11/15/2016	Organic	p-Terphenyl-d14	n/a	=	58	%	EPA 625	-88	-88	28	113	
2016/17-1	ME-CC	srgt environ	11/30/2016	Organic	p-Terphenyl-d14	n/a	=	2.06	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	
2016/17-1	ME-CC	srgt environ, rec	11/30/2016	Organic	p-Terphenyl-d14	n/a	=	41	%	EPA 8270C	-88	-88	19	134	
2016/17-1	ME-CC	srgt environ	12/3/2016	Organic	p-Terphenyl-d14	n/a	=	1.99	µg/L	EPA 625	-88	-88			
2016/17-1	ME-CC	srgt environ, rec	12/3/2016	Organic	p-Terphenyl-d14	n/a	=	40	%	EPA 625	-88	-88	28	113	
2016/17-1	ME-VR2	srgt environ	11/15/2016	Organic	p-Terphenyl-d14	n/a	=	37.9	µg/L	EPA 625	-88	-88			GN
2016/17-1	ME-VR2	srgt environ, rec	11/15/2016	Organic	p-Terphenyl-d14	n/a	=	152	%	EPA 625	-88	-88	28	113	GN
2016/17-1	ME-VR2	srgt environ	11/30/2016	Organic	p-Terphenyl-d14	n/a	=	2.24	µg/L	EPA 8270C	-88	-88			
2016/17-1	ME-VR2	srgt environ, rec	11/30/2016	Organic	p-Terphenyl-d14	n/a	=	45	%	EPA 8270C	-88	-88	19	134	
2016/17-1	MO-FIL	srgt environ	11/15/2016	Organic	p-Terphenyl-d14	n/a	=	22.2	µg/L	EPA 625	-88	-88			
2016/17-1	MO-FIL	srgt environ, rec	11/15/2016	Organic	p-Terphenyl-d14	n/a	=	89	%	EPA 625	-88	-88	28	113	
2016/17-1	MO-FIL	srgt environ	11/30/2016	Organic	p-Terphenyl-d14	n/a	=	2.26	µg/L	EPA 8270C	-88	-88			
2016/17-1	MO-FIL	srgt environ, rec	11/30/2016	Organic	p-Terphenyl-d14	n/a	=	45	%	EPA 8270C	-88	-88	19	134	
2016/17-1	MO-MEI	srgt environ	11/15/2016	Organic	p-Terphenyl-d14	n/a	=	16.7	µg/L	EPA 625	-88	-88			
2016/17-1	MO-MEI	srgt environ, rec	11/15/2016	Organic	p-Terphenyl-d14	n/a	=	67	%	EPA 625	-88	-88	28	113	
2016/17-1	MO-MEI	srgt environ	11/30/2016	Organic	p-Terphenyl-d14	n/a	=	2.4	µg/L	EPA 8270C	-88	-88			
2016/17-1	MO-MEI	srgt environ, rec	11/30/2016	Organic	p-Terphenyl-d14	n/a	=	48	%	EPA 8270C	-88	-88	19	134	
2016/17-1	MO-MPK	srgt environ	11/15/2016	Organic	p-Terphenyl-d14	n/a	=	22.6	µg/L	EPA 625	-88	-88			
2016/17-1	MO-MPK	srgt environ, rec	11/15/2016	Organic	p-Terphenyl-d14	n/a	=	90	%	EPA 625	-88	-88	28	113	
2016/17-1	MO-MPK	srgt environ	11/30/2016	Organic	p-Terphenyl-d14	n/a	=	2.69	µg/L	EPA 8270C	-88	-88			
2016/17-1	MO-MPK	srgt environ, rec	11/30/2016	Organic	p-Terphenyl-d14	n/a	=	54	%	EPA 8270C	-88	-88	19	134	
2016/17-1	MO-OJA	srgt environ	11/15/2016	Organic	p-Terphenyl-d14	n/a	=	18.8	µg/L	EPA 625	-88	-88			
2016/17-1	MO-OJA	srgt environ, rec	11/15/2016	Organic	p-Terphenyl-d14	n/a	=	75	%	EPA 625	-88	-88	28	113	
2016/17-1	MO-OJA	srgt environ	11/30/2016	Organic	p-Terphenyl-d14	n/a	=	2.04	µg/L	EPA 8270C	-88	-88			
2016/17-1	MO-OJA	srgt environ, rec	11/30/2016	Organic	p-Terphenyl-d14	n/a	=	41	%	EPA 8270C	-88	-88	19	134	
2016/17-1	MO-OJA	srgt environ	12/3/2016	Organic	p-Terphenyl-d14	n/a	<	0	µg/L	EPA 625	-88	-88			GN
2016/17-1	MO-OJA	srgt environ, rec	12/3/2016	Organic	p-Terphenyl-d14	n/a	=	0	%	EPA 625	-88	-88	28	113	GN
2016/17-1	MO-OXN	srgt environ	11/15/2016	Organic	p-Terphenyl-d14	n/a	=	22.6	µg/L	EPA 625	-88	-88			
2016/17-1	MO-OXN	srgt environ, rec	11/15/2016	Organic	p-Terphenyl-d14	n/a	=	90	%	EPA 625	-88	-88	28	113	
2016/17-1	MO-OXN	srgt environ	11/30/2016	Organic	p-Terphenyl-d14	n/a	=	2.23	µg/L	EPA 8270C	-88	-88			
2016/17-1	MO-OXN	srgt environ, rec	11/30/2016	Organic	p-Terphenyl-d14	n/a	=	45	%	EPA 8270C	-88	-88	19	134	
2016/17-1	MO-SIM	srgt environ	11/15/2016	Organic	p-Terphenyl-d14	n/a	=	21.8	µg/L	EPA 625	-88	-88			
2016/17-1	MO-SIM	srgt environ, rec	11/15/2016	Organic	p-Terphenyl-d14	n/a	=	87	%	EPA 625	-88	-88	28	113	
2016/17-1	MO-SIM	srgt environ	11/30/2016	Organic	p-Terphenyl-d14	n/a	=	2.27	µg/L	EPA 8270C	-88	-88			
2016/17-1	MO-SIM	srgt environ, rec	11/30/2016	Organic	p-Terphenyl-d14	n/a	=	45	%	EPA 8270C	-88	-88	19	134	
2016/17-1	MO-SPA	srgt environ	11/15/2016	Organic	p-Terphenyl-d14	n/a	=	22	µg/L	EPA 625	-88	-88			
2016/17-1	MO-SPA	srgt environ, rec	11/15/2016	Organic	p-Terphenyl-d14	n/a	=	88	%	EPA 625	-88	-88	28	113	
2016/17-1	MO-SPA	srgt environ	11/30/2016	Organic	p-Terphenyl-d14	n/a	=	2.44	µg/L	EPA 8270C	-88	-88			
2016/17-1	MO-SPA	srgt environ, rec	11/30/2016	Organic	p-Terphenyl-d14	n/a	=	49	%	EPA 8270C	-88	-88	19	134	
2016/17-1	MO-THO	srgt environ	11/15/2016	Organic	p-Terphenyl-d14	n/a	=	7.4	µg/L	EPA 625	-88	-88			
2016/17-1	MO-THO	srgt environ, rec	11/15/2016	Organic	p-Terphenyl-d14	n/a	=	30	%	EPA 625	-88	-88	28	113	
2016/17-1	MO-THO	srgt environ	11/30/2016	Organic	p-Terphenyl-d14	n/a	=	2.38	µg/L	EPA 8270C	-88	-88			
2016/17-1	MO-THO	srgt environ, rec	11/30/2016	Organic	p-Terphenyl-d14	n/a	=	48	%	EPA 8270C	-88	-88	19	134	
2016/17-1	Lab	method blank	11/15/2016	Organic	Pyrene	n/a	<	0.25	µg/L	EPA 625	0.25	1			
2016/17-1	Lab	LCS dup	11/15/2016	Organic	Pyrene	n/a	=	20.8	µg/L	EPA 625	0.25	1			
2016/17-1	Lab	LCS dup, rec	11/15/2016	Organic	Pyrene	n/a	=	83	%	EPA 625	-88	-88	52	115	
2016/17-1	Lab	LCS, RPD	11/15/2016	Organic	Pyrene	n/a	=	1	%	EPA 625	-88	-88	0	30	
2016/17-1	Lab	LCS	11/15/2016	Organic	Pyrene	n/a	=	20.6	µg/L	EPA 625	0.25	1			
2016/17-1	Lab	LCS, rec	11/15/2016	Organic	Pyrene	n/a	=	82	%	EPA 625	-88	-88	52	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	
2016/17-1	Lab	method blank	11/30/2016	Organic	Pyrene	n/a	<	0.1	µg/L	EPA 8270C	0.1	0.1			
2016/17-1	Lab	LCS	11/30/2016	Organic	Pyrene	n/a	=	10.6	µg/L	EPA 8270C	0.1	0.1			
2016/17-1	Lab	LCS, rec	11/30/2016	Organic	Pyrene	n/a	=	106	%	EPA 8270C	-88	-88	26	128	
2016/17-1	Lab	LCS dup	11/30/2016	Organic	Pyrene	n/a	=	9.33	µg/L	EPA 8270C	0.1	0.1			
2016/17-1	Lab	LCS dup, rec	11/30/2016	Organic	Pyrene	n/a	=	93	%	EPA 8270C	-88	-88	26	128	
2016/17-1	Lab	LCS, RPD	11/30/2016	Organic	Pyrene	n/a	=	13	%	EPA 8270C	-88	-88	0	30	
2016/17-1	Lab	srgt method blank	11/9/2016	Organic	Tetrachloro-m-xylene (TCMX)	n/a	=	0.0628	µg/L	EPA 608	-88	-88			
2016/17-1	Lab	srgt method blank, rec	11/9/2016	Organic	Tetrachloro-m-xylene (TCMX)	n/a	=	63	%	EPA 608	-88	-88	12	117	
2016/17-1	Lab	srgt LCS	11/9/2016	Organic	Tetrachloro-m-xylene (TCMX)	n/a	=	0.0787	µg/L	EPA 608	-88	-88			
2016/17-1	Lab	srgt LCS, rec	11/9/2016	Organic	Tetrachloro-m-xylene (TCMX)	n/a	=	79	%	EPA 608	-88	-88	12	117	
2016/17-1	Lab	srgt LCS dup	11/9/2016	Organic	Tetrachloro-m-xylene (TCMX)	n/a	=	0.0759	µg/L	EPA 608	-88	-88			
2016/17-1	Lab	srgt LCS dup, rec	11/9/2016	Organic	Tetrachloro-m-xylene (TCMX)	n/a	=	76	%	EPA 608	-88	-88	12	117	
2016/17-1	Lab	srgt method blank	11/11/2016	Organic	Tetrachloro-m-xylene (TCMX)	n/a	=	0.0567	µg/L	EPA 608	-88	-88			
2016/17-1	Lab	srgt method blank, rec	11/11/2016	Organic	Tetrachloro-m-xylene (TCMX)	n/a	=	57	%	EPA 608	-88	-88	12	117	
2016/17-1	Lab	srgt LCS	11/11/2016	Organic	Tetrachloro-m-xylene (TCMX)	n/a	=	0.0613	µg/L	EPA 608	-88	-88			
2016/17-1	Lab	srgt LCS, rec	11/11/2016	Organic	Tetrachloro-m-xylene (TCMX)	n/a	=	61	%	EPA 608	-88	-88	12	117	
2016/17-1	Lab	srgt LCS dup	11/11/2016	Organic	Tetrachloro-m-xylene (TCMX)	n/a	=	0.0578	µg/L	EPA 608	-88	-88			
2016/17-1	Lab	srgt LCS dup, rec	11/11/2016	Organic	Tetrachloro-m-xylene (TCMX)	n/a	=	58	%	EPA 608	-88	-88	12	117	
2016/17-1	ME-CC	srgt environ	11/12/2016	Organic	Tetrachloro-m-xylene (TCMX)	n/a	=	0.0526	µg/L	EPA 608	-88	-88			
2016/17-1	ME-CC	srgt environ, rec	11/12/2016	Organic	Tetrachloro-m-xylene (TCMX)	n/a	=	53	%	EPA 608	-88	-88	12	117	
2016/17-1	ME-VR2	srgt environ	11/12/2016	Organic	Tetrachloro-m-xylene (TCMX)	n/a	=	0.0669	µg/L	EPA 608	-88	-88			
2016/17-1	ME-VR2	srgt environ, rec	11/12/2016	Organic	Tetrachloro-m-xylene (TCMX)	n/a	=	67	%	EPA 608	-88	-88	12	117	
2016/17-1	MO-FIL	srgt environ	11/12/2016	Organic	Tetrachloro-m-xylene (TCMX)	n/a	=	0.0451	µg/L	EPA 608	-88	-88			
2016/17-1	MO-FIL	srgt environ, rec	11/12/2016	Organic	Tetrachloro-m-xylene (TCMX)	n/a	=	45	%	EPA 608	-88	-88	12	117	
2016/17-1	MO-MEI	srgt environ	11/12/2016	Organic	Tetrachloro-m-xylene (TCMX)	n/a	=	0.0394	µg/L	EPA 608	-88	-88			
2016/17-1	MO-MEI	srgt environ, rec	11/12/2016	Organic	Tetrachloro-m-xylene (TCMX)	n/a	=	39	%	EPA 608	-88	-88	12	117	
2016/17-1	MO-MPK	srgt environ	11/12/2016	Organic	Tetrachloro-m-xylene (TCMX)	n/a	=	0.0441	µg/L	EPA 608	-88	-88			
2016/17-1	MO-MPK	srgt environ, rec	11/12/2016	Organic	Tetrachloro-m-xylene (TCMX)	n/a	=	44	%	EPA 608	-88	-88	12	117	
2016/17-1	MO-OJA	srgt environ	11/12/2016	Organic	Tetrachloro-m-xylene (TCMX)	n/a	=	0.0328	µg/L	EPA 608	-88	-88			
2016/17-1	MO-OJA	srgt environ, rec	11/12/2016	Organic	Tetrachloro-m-xylene (TCMX)	n/a	=	33	%	EPA 608	-88	-88	12	117	
2016/17-1	MO-OXN	srgt environ	11/12/2016	Organic	Tetrachloro-m-xylene (TCMX)	n/a	=	0.0456	µg/L	EPA 608	-88	-88			
2016/17-1	MO-OXN	srgt environ, rec	11/12/2016	Organic	Tetrachloro-m-xylene (TCMX)	n/a	=	46	%	EPA 608	-88	-88	12	117	
2016/17-1	MO-SIM	srgt environ	11/12/2016	Organic	Tetrachloro-m-xylene (TCMX)	n/a	=	0.0303	µg/L	EPA 608	-88	-88			
2016/17-1	MO-SIM	srgt environ, rec	11/12/2016	Organic	Tetrachloro-m-xylene (TCMX)	n/a	=	30	%	EPA 608	-88	-88	12	117	
2016/17-1	MO-SPA	srgt environ	11/12/2016	Organic	Tetrachloro-m-xylene (TCMX)	n/a	=	0.0514	µg/L	EPA 608	-88	-88			
2016/17-1	MO-SPA	srgt environ, rec	11/12/2016	Organic	Tetrachloro-m-xylene (TCMX)	n/a	=	51	%	EPA 608	-88	-88	12	117	
2016/17-1	MO-THO	srgt environ	11/9/2016	Organic	Tetrachloro-m-xylene (TCMX)	n/a	=	0.0643	µg/L	EPA 608	-88	-88			
2016/17-1	MO-THO	srgt environ, rec	11/9/2016	Organic	Tetrachloro-m-xylene (TCMX)	n/a	=	64	%	EPA 608	-88	-88	12	117	
2016/17-1	MO-VEN	srgt environ	11/12/2016	Organic	Tetrachloro-m-xylene (TCMX)	n/a	=	0.037	µg/L	EPA 608	-88	-88			
2016/17-1	MO-VEN	srgt environ, rec	11/12/2016	Organic	Tetrachloro-m-xylene (TCMX)	n/a	=	37	%	EPA 608	-88	-88	12	117	
2016/17-1	000NONPJ	srgt matrix spike	11/2/2016	Organic	Toluene-d8	n/a	=	52.6	µg/L	EPA 624	-88	-88			
2016/17-1	000NONPJ	srgt matrix spike, rec	11/2/2016	Organic	Toluene-d8	n/a	=	105	%	EPA 624	-88	-88	92	112	
2016/17-1	000NONPJ	srgt matrix spike dup	11/2/2016	Organic	Toluene-d8	n/a	=	52.6	µg/L	EPA 624	-88	-88			
2016/17-1	000NONPJ	srgt matrix spike dup, rec	11/2/2016	Organic	Toluene-d8	n/a	=	105	%	EPA 624	-88	-88	92	112	
2016/17-1	Lab	srgt LCS dup	11/1/2016	Organic	Toluene-d8	n/a	=	50.3	µg/L	EPA 624	-88	-88			
2016/17-1	Lab	srgt LCS dup, rec	11/1/2016	Organic	Toluene-d8	n/a	=	101	%	EPA 624	-88	-88	92	112	
2016/17-1	Lab	srgt LCS	11/2/2016	Organic	Toluene-d8	n/a	=	50.1	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	
2016/17-1	Lab	srgt LCS, rec	11/2/2016	Organic	Toluene-d8	n/a	=	100	%	EPA 624	-88	-88	92	112	
2016/17-1	ME-CC	srgt environ	11/2/2016	Organic	Toluene-d8	n/a	=	50.1	µg/L	EPA 624	-88	-88			
2016/17-1	ME-CC	srgt environ, rec	11/2/2016	Organic	Toluene-d8	n/a	=	100	%	EPA 624	-88	-88	92	112	
2016/17-1	ME-VR2	srgt environ	11/2/2016	Organic	Toluene-d8	n/a	=	49.9	µg/L	EPA 624	-88	-88			
2016/17-1	ME-VR2	srgt environ, rec	11/2/2016	Organic	Toluene-d8	n/a	=	100	%	EPA 624	-88	-88	92	112	
2016/17-1	MO-FIL	srgt environ	11/2/2016	Organic	Toluene-d8	n/a	=	50.8	µg/L	EPA 624	-88	-88			
2016/17-1	MO-FIL	srgt environ, rec	11/2/2016	Organic	Toluene-d8	n/a	=	102	%	EPA 624	-88	-88	92	112	
2016/17-1	MO-MEI	srgt environ	11/2/2016	Organic	Toluene-d8	n/a	=	50.7	µg/L	EPA 624	-88	-88			
2016/17-1	MO-MEI	srgt environ, rec	11/2/2016	Organic	Toluene-d8	n/a	=	101	%	EPA 624	-88	-88	92	112	
2016/17-1	MO-MPK	srgt environ	11/2/2016	Organic	Toluene-d8	n/a	=	51.2	µg/L	EPA 624	-88	-88			
2016/17-1	MO-MPK	srgt environ, rec	11/2/2016	Organic	Toluene-d8	n/a	=	102	%	EPA 624	-88	-88	92	112	
2016/17-1	MO-OJA	srgt environ	11/2/2016	Organic	Toluene-d8	n/a	=	50.2	µg/L	EPA 624	-88	-88			
2016/17-1	MO-OJA	srgt environ, rec	11/2/2016	Organic	Toluene-d8	n/a	=	100	%	EPA 624	-88	-88	92	112	
2016/17-1	MO-OXN	srgt environ	11/2/2016	Organic	Toluene-d8	n/a	=	50.5	µg/L	EPA 624	-88	-88			
2016/17-1	MO-OXN	srgt environ, rec	11/2/2016	Organic	Toluene-d8	n/a	=	101	%	EPA 624	-88	-88	92	112	
2016/17-1	MO-SIM	srgt environ	11/2/2016	Organic	Toluene-d8	n/a	=	50.7	µg/L	EPA 624	-88	-88			
2016/17-1	MO-SIM	srgt environ, rec	11/2/2016	Organic	Toluene-d8	n/a	=	101	%	EPA 624	-88	-88	92	112	
2016/17-1	MO-SPA	srgt environ	11/2/2016	Organic	Toluene-d8	n/a	=	50.8	µg/L	EPA 624	-88	-88			
2016/17-1	MO-SPA	srgt environ, rec	11/2/2016	Organic	Toluene-d8	n/a	=	102	%	EPA 624	-88	-88	92	112	
2016/17-1	MO-THO	srgt environ	11/2/2016	Organic	Toluene-d8	n/a	=	50.6	µg/L	EPA 624	-88	-88			
2016/17-1	MO-THO	srgt environ, rec	11/2/2016	Organic	Toluene-d8	n/a	=	101	%	EPA 624	-88	-88	92	112	
2016/17-1	MO-VEN	srgt environ	11/2/2016	Organic	Toluene-d8	n/a	=	50	µg/L	EPA 624	-88	-88			
2016/17-1	MO-VEN	srgt environ, rec	11/2/2016	Organic	Toluene-d8	n/a	=	100	%	EPA 624	-88	-88	92	112	
2016/17-1	MO-VEN	srgt field duplicate	11/2/2016	Organic	Toluene-d8	n/a	=	50.8	µg/L	EPA 624	-88	-88			
2016/17-1	MO-VEN	srgt field duplicate, rec	11/2/2016	Organic	Toluene-d8	n/a	=	102	%	EPA 624	-88	-88	92	112	
2016/17-1	000NONPJ	srgt matrix spike	11/8/2016	Organic	Triphenylphosphate	n/a	=	0.606	µg/L	EPA 525.2m	-88	-88			
2016/17-1	000NONPJ	srgt matrix spike, rec	11/8/2016	Organic	Triphenylphosphate	n/a	=	121	%	EPA 525.2m	-88	-88	40	163	
2016/17-1	000NONPJ	srgt matrix spike dup	11/8/2016	Organic	Triphenylphosphate	n/a	=	0.549	µg/L	EPA 525.2m	-88	-88			
2016/17-1	000NONPJ	srgt matrix spike dup, rec	11/8/2016	Organic	Triphenylphosphate	n/a	=	110	%	EPA 525.2m	-88	-88	40	163	
2016/17-1	000NONPJ	srgt matrix spike	11/15/2016	Organic	Triphenylphosphate	n/a	=	0.427	µg/L	EPA 525.2m	-88	-88			
2016/17-1	000NONPJ	srgt matrix spike, rec	11/15/2016	Organic	Triphenylphosphate	n/a	=	85	%	EPA 525.2m	-88	-88	40	163	
2016/17-1	000NONPJ	srgt matrix spike dup	11/15/2016	Organic	Triphenylphosphate	n/a	=	0.399	µg/L	EPA 525.2m	-88	-88			
2016/17-1	000NONPJ	srgt matrix spike dup, rec	11/15/2016	Organic	Triphenylphosphate	n/a	=	80	%	EPA 525.2m	-88	-88	40	163	
2016/17-1	Lab	srgt method blank	11/8/2016	Organic	Triphenylphosphate	n/a	=	0.553	µg/L	EPA 525.2m	-88	-88			
2016/17-1	Lab	srgt method blank, rec	11/8/2016	Organic	Triphenylphosphate	n/a	=	111	%	EPA 525.2m	-88	-88	40	163	
2016/17-1	Lab	srgt LCS	11/8/2016	Organic	Triphenylphosphate	n/a	=	0.525	µg/L	EPA 525.2m	-88	-88			
2016/17-1	Lab	srgt LCS, rec	11/8/2016	Organic	Triphenylphosphate	n/a	=	105	%	EPA 525.2m	-88	-88	40	163	
2016/17-1	Lab	srgt method blank	11/11/2016	Organic	Triphenylphosphate	n/a	=	5.04	µg/L	EPA 525.2	-88	-88			
2016/17-1	Lab	srgt method blank, rec	11/11/2016	Organic	Triphenylphosphate	n/a	=	101	%	EPA 525.2	-88	-88	70	149	
2016/17-1	Lab	srgt LCS	11/11/2016	Organic	Triphenylphosphate	n/a	=	4.84	µg/L	EPA 525.2	-88	-88			
2016/17-1	Lab	srgt LCS, rec	11/11/2016	Organic	Triphenylphosphate	n/a	=	97	%	EPA 525.2	-88	-88	70	149	
2016/17-1	Lab	srgt LCS dup	11/11/2016	Organic	Triphenylphosphate	n/a	=	5.41	µg/L	EPA 525.2	-88	-88			
2016/17-1	Lab	srgt LCS dup, rec	11/11/2016	Organic	Triphenylphosphate	n/a	=	108	%	EPA 525.2	-88	-88	70	149	
2016/17-1	Lab	srgt method blank	11/14/2016	Organic	Triphenylphosphate	n/a	=	5.06	µg/L	EPA 525.2	-88	-88			
2016/17-1	Lab	srgt method blank, rec	11/14/2016	Organic	Triphenylphosphate	n/a	=	101	%	EPA 525.2	-88	-88	70	149	
2016/17-1	Lab	srgt LCS dup	11/14/2016	Organic	Triphenylphosphate	n/a	=	4.13	µg/L	EPA 525.2	-88	-88			
2016/17-1	Lab	srgt LCS dup, rec	11/14/2016	Organic	Triphenylphosphate	n/a	=	83	%	EPA 525.2	-88	-88	70	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	
2016/17-1	Lab	srgt LCS	11/14/2016	Organic	Triphenylphosphate	n/a	=	4.42	µg/L	EPA 525.2	-88	-88			
2016/17-1	Lab	srgt LCS, rec	11/14/2016	Organic	Triphenylphosphate	n/a	=	88	%	EPA 525.2	-88	-88	70	149	
2016/17-1	Lab	srgt method blank	11/15/2016	Organic	Triphenylphosphate	n/a	=	0.432	µg/L	EPA 525.2m	-88	-88			
2016/17-1	Lab	srgt method blank, rec	11/15/2016	Organic	Triphenylphosphate	n/a	=	86	%	EPA 525.2m	-88	-88	40	163	
2016/17-1	Lab	srgt LCS	11/15/2016	Organic	Triphenylphosphate	n/a	=	0.439	µg/L	EPA 525.2m	-88	-88			
2016/17-1	Lab	srgt LCS, rec	11/15/2016	Organic	Triphenylphosphate	n/a	=	88	%	EPA 525.2m	-88	-88	40	163	
2016/17-1	ME-CC	srgt environ	11/8/2016	Organic	Triphenylphosphate	n/a	=	0.452	µg/L	EPA 525.2m	-88	-88			
2016/17-1	ME-CC	srgt environ, rec	11/8/2016	Organic	Triphenylphosphate	n/a	=	90	%	EPA 525.2m	-88	-88	40	163	
2016/17-1	ME-CC	srgt environ	11/11/2016	Organic	Triphenylphosphate	n/a	=	4.32	µg/L	EPA 525.2	-88	-88			
2016/17-1	ME-CC	srgt environ, rec	11/11/2016	Organic	Triphenylphosphate	n/a	=	86	%	EPA 525.2	-88	-88	70	149	
2016/17-1	ME-VR2	srgt environ	11/8/2016	Organic	Triphenylphosphate	n/a	=	0.467	µg/L	EPA 525.2m	-88	-88			
2016/17-1	ME-VR2	srgt environ, rec	11/8/2016	Organic	Triphenylphosphate	n/a	=	93	%	EPA 525.2m	-88	-88	40	163	
2016/17-1	ME-VR2	srgt environ	11/11/2016	Organic	Triphenylphosphate	n/a	=	4.12	µg/L	EPA 525.2	-88	-88			
2016/17-1	ME-VR2	srgt environ, rec	11/11/2016	Organic	Triphenylphosphate	n/a	=	82	%	EPA 525.2	-88	-88	70	149	
2016/17-1	MO-FIL	srgt environ	11/8/2016	Organic	Triphenylphosphate	n/a	=	0.44	µg/L	EPA 525.2m	-88	-88			
2016/17-1	MO-FIL	srgt environ, rec	11/8/2016	Organic	Triphenylphosphate	n/a	=	88	%	EPA 525.2m	-88	-88	40	163	
2016/17-1	MO-FIL	srgt environ	11/11/2016	Organic	Triphenylphosphate	n/a	=	4.34	µg/L	EPA 525.2	-88	-88			
2016/17-1	MO-FIL	srgt environ, rec	11/11/2016	Organic	Triphenylphosphate	n/a	=	87	%	EPA 525.2	-88	-88	70	149	
2016/17-1	MO-MEI	srgt environ	11/8/2016	Organic	Triphenylphosphate	n/a	=	0.445	µg/L	EPA 525.2m	-88	-88			
2016/17-1	MO-MEI	srgt environ, rec	11/8/2016	Organic	Triphenylphosphate	n/a	=	89	%	EPA 525.2m	-88	-88	40	163	
2016/17-1	MO-MEI	srgt environ	11/11/2016	Organic	Triphenylphosphate	n/a	=	2.24	µg/L	EPA 525.2	-88	-88			GN
2016/17-1	MO-MEI	srgt environ, rec	11/11/2016	Organic	Triphenylphosphate	n/a	=	45	%	EPA 525.2	-88	-88	70	149	GN
2016/17-1	MO-MPK	srgt environ	11/8/2016	Organic	Triphenylphosphate	n/a	=	0.446	µg/L	EPA 525.2m	-88	-88			
2016/17-1	MO-MPK	srgt environ, rec	11/8/2016	Organic	Triphenylphosphate	n/a	=	89	%	EPA 525.2m	-88	-88	40	163	
2016/17-1	MO-MPK	srgt environ	11/11/2016	Organic	Triphenylphosphate	n/a	=	3.77	µg/L	EPA 525.2	-88	-88			
2016/17-1	MO-MPK	srgt environ, rec	11/11/2016	Organic	Triphenylphosphate	n/a	=	75	%	EPA 525.2	-88	-88	70	149	
2016/17-1	MO-OJA	srgt environ	11/8/2016	Organic	Triphenylphosphate	n/a	=	0.378	µg/L	EPA 525.2m	-88	-88			
2016/17-1	MO-OJA	srgt environ, rec	11/8/2016	Organic	Triphenylphosphate	n/a	=	76	%	EPA 525.2m	-88	-88	40	163	
2016/17-1	MO-OJA	srgt environ	11/11/2016	Organic	Triphenylphosphate	n/a	=	3.72	µg/L	EPA 525.2	-88	-88			
2016/17-1	MO-OJA	srgt environ, rec	11/11/2016	Organic	Triphenylphosphate	n/a	=	74	%	EPA 525.2	-88	-88	70	149	
2016/17-1	MO-OXN	srgt environ	11/8/2016	Organic	Triphenylphosphate	n/a	=	0.33	µg/L	EPA 525.2m	-88	-88			
2016/17-1	MO-OXN	srgt environ, rec	11/8/2016	Organic	Triphenylphosphate	n/a	=	66	%	EPA 525.2m	-88	-88	40	163	
2016/17-1	MO-OXN	srgt environ	11/11/2016	Organic	Triphenylphosphate	n/a	=	2.01	µg/L	EPA 525.2	-88	-88			GN
2016/17-1	MO-OXN	srgt environ, rec	11/11/2016	Organic	Triphenylphosphate	n/a	=	40	%	EPA 525.2	-88	-88	70	149	GN
2016/17-1	MO-SIM	srgt environ	11/8/2016	Organic	Triphenylphosphate	n/a	=	0.401	µg/L	EPA 525.2m	-88	-88			
2016/17-1	MO-SIM	srgt environ, rec	11/8/2016	Organic	Triphenylphosphate	n/a	=	80	%	EPA 525.2m	-88	-88	40	163	
2016/17-1	MO-SIM	srgt environ	11/11/2016	Organic	Triphenylphosphate	n/a	=	3.12	µg/L	EPA 525.2	-88	-88			GN
2016/17-1	MO-SIM	srgt environ, rec	11/11/2016	Organic	Triphenylphosphate	n/a	=	62	%	EPA 525.2	-88	-88	70	149	GN
2016/17-1	MO-SPA	srgt environ	11/8/2016	Organic	Triphenylphosphate	n/a	=	0.469	µg/L	EPA 525.2m	-88	-88			
2016/17-1	MO-SPA	srgt environ, rec	11/8/2016	Organic	Triphenylphosphate	n/a	=	94	%	EPA 525.2m	-88	-88	40	163	
2016/17-1	MO-SPA	srgt environ	11/11/2016	Organic	Triphenylphosphate	n/a	=	2.74	µg/L	EPA 525.2	-88	-88			GN
2016/17-1	MO-SPA	srgt environ, rec	11/11/2016	Organic	Triphenylphosphate	n/a	=	55	%	EPA 525.2	-88	-88	70	149	GN
2016/17-1	MO-THO	srgt environ	11/11/2016	Organic	Triphenylphosphate	n/a	=	4.97	µg/L	EPA 525.2	-88	-88			
2016/17-1	MO-THO	srgt environ, rec	11/11/2016	Organic	Triphenylphosphate	n/a	=	99	%	EPA 525.2	-88	-88	70	149	
2016/17-1	MO-THO	srgt environ	11/15/2016	Organic	Triphenylphosphate	n/a	=	0.46	µg/L	EPA 525.2m	-88	-88			
2016/17-1	MO-THO	srgt environ, rec	11/15/2016	Organic	Triphenylphosphate	n/a	=	92	%	EPA 525.2m	-88	-88	40	163	
2016/17-1	MO-VEN	srgt environ	11/8/2016	Organic	Triphenylphosphate	n/a	=	0.394	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	
2016/17-1	MO-VEN	srgt environ, rec	11/8/2016	Organic	Triphenylphosphate	n/a	=	79	%	EPA 525.2m	-88	-88	40	163	
2016/17-1	Lab	srgt method blank	11/9/2016	PCB	PCB 209	n/a	=	0.0692	µg/L	EPA 608	-88	-88			
2016/17-1	Lab	srgt method blank, rec	11/9/2016	PCB	PCB 209	n/a	=	69	%	EPA 608	-88	-88	0.1	118	
2016/17-1	Lab	srgt LCS	11/9/2016	PCB	PCB 209	n/a	=	0.0732	µg/L	EPA 608	-88	-88			
2016/17-1	Lab	srgt LCS, rec	11/9/2016	PCB	PCB 209	n/a	=	73	%	EPA 608	-88	-88	0.1	118	
2016/17-1	Lab	srgt LCS dup	11/9/2016	PCB	PCB 209	n/a	=	0.0587	µg/L	EPA 608	-88	-88			
2016/17-1	Lab	srgt LCS dup, rec	11/9/2016	PCB	PCB 209	n/a	=	59	%	EPA 608	-88	-88	0.1	118	
2016/17-1	Lab	srgt method blank	11/11/2016	PCB	PCB 209	n/a	=	0.0696	µg/L	EPA 608	-88	-88			
2016/17-1	Lab	srgt method blank, rec	11/11/2016	PCB	PCB 209	n/a	=	70	%	EPA 608	-88	-88	0.1	118	
2016/17-1	Lab	srgt LCS	11/11/2016	PCB	PCB 209	n/a	=	0.0694	µg/L	EPA 608	-88	-88			
2016/17-1	Lab	srgt LCS, rec	11/11/2016	PCB	PCB 209	n/a	=	69	%	EPA 608	-88	-88	0.1	118	
2016/17-1	Lab	srgt LCS dup	11/11/2016	PCB	PCB 209	n/a	=	0.0571	µg/L	EPA 608	-88	-88			
2016/17-1	Lab	srgt LCS dup, rec	11/11/2016	PCB	PCB 209	n/a	=	57	%	EPA 608	-88	-88	0.1	118	
2016/17-1	ME-CC	srgt environ	11/12/2016	PCB	PCB 209	n/a	=	0.0401	µg/L	EPA 608	-88	-88			
2016/17-1	ME-CC	srgt environ, rec	11/12/2016	PCB	PCB 209	n/a	=	40	%	EPA 608	-88	-88	0.1	118	
2016/17-1	ME-VR2	srgt environ	11/12/2016	PCB	PCB 209	n/a	=	0.056	µg/L	EPA 608	-88	-88			
2016/17-1	ME-VR2	srgt environ, rec	11/12/2016	PCB	PCB 209	n/a	=	56	%	EPA 608	-88	-88	0.1	118	
2016/17-1	MO-FIL	srgt environ	11/12/2016	PCB	PCB 209	n/a	=	0.0336	µg/L	EPA 608	-88	-88			
2016/17-1	MO-FIL	srgt environ, rec	11/12/2016	PCB	PCB 209	n/a	=	34	%	EPA 608	-88	-88	0.1	118	
2016/17-1	MO-MEI	srgt environ	11/12/2016	PCB	PCB 209	n/a	=	0.0202	µg/L	EPA 608	-88	-88			
2016/17-1	MO-MEI	srgt environ, rec	11/12/2016	PCB	PCB 209	n/a	=	20	%	EPA 608	-88	-88	0.1	118	
2016/17-1	MO-MPK	srgt environ	11/12/2016	PCB	PCB 209	n/a	=	0.0252	µg/L	EPA 608	-88	-88			
2016/17-1	MO-MPK	srgt environ, rec	11/12/2016	PCB	PCB 209	n/a	=	25	%	EPA 608	-88	-88	0.1	118	
2016/17-1	MO-OJA	srgt environ	11/12/2016	PCB	PCB 209	n/a	=	0.015	µg/L	EPA 608	-88	-88			
2016/17-1	MO-OJA	srgt environ, rec	11/12/2016	PCB	PCB 209	n/a	=	15	%	EPA 608	-88	-88	0.1	118	
2016/17-1	MO-OXN	srgt environ	11/12/2016	PCB	PCB 209	n/a	=	0.0181	µg/L	EPA 608	-88	-88			
2016/17-1	MO-OXN	srgt environ, rec	11/12/2016	PCB	PCB 209	n/a	=	18	%	EPA 608	-88	-88	0.1	118	
2016/17-1	MO-SIM	srgt environ	11/12/2016	PCB	PCB 209	n/a	=	0.0351	µg/L	EPA 608	-88	-88			
2016/17-1	MO-SIM	srgt environ, rec	11/12/2016	PCB	PCB 209	n/a	=	35	%	EPA 608	-88	-88	0.1	118	
2016/17-1	MO-SPA	srgt environ	11/12/2016	PCB	PCB 209	n/a	=	0.0262	µg/L	EPA 608	-88	-88			
2016/17-1	MO-SPA	srgt environ, rec	11/12/2016	PCB	PCB 209	n/a	=	26	%	EPA 608	-88	-88	0.1	118	
2016/17-1	MO-THO	srgt environ	11/9/2016	PCB	PCB 209	n/a	=	0.0545	µg/L	EPA 608	-88	-88			
2016/17-1	MO-THO	srgt environ, rec	11/9/2016	PCB	PCB 209	n/a	=	54	%	EPA 608	-88	-88	0.1	118	
2016/17-1	MO-VEN	srgt environ	11/12/2016	PCB	PCB 209	n/a	=	0.022	µg/L	EPA 608	-88	-88			
2016/17-1	MO-VEN	srgt environ, rec	11/12/2016	PCB	PCB 209	n/a	=	22	%	EPA 608	-88	-88	0.1	118	
2016/17-1	Lab	method blank	11/9/2016	PCB	PCB Aroclor 1016	n/a	<	0.05	µg/L	EPA 608	0.05	0.5			
2016/17-1	Lab	method blank	11/11/2016	PCB	PCB Aroclor 1016	n/a	<	0.05	µg/L	EPA 608	0.05	0.5			
2016/17-1	Lab	method blank	11/9/2016	PCB	PCB Aroclor 1221	n/a	<	0.06	µg/L	EPA 608	0.06	0.5			
2016/17-1	Lab	method blank	11/11/2016	PCB	PCB Aroclor 1221	n/a	<	0.06	µg/L	EPA 608	0.06	0.5			
2016/17-1	Lab	method blank	11/9/2016	PCB	PCB Aroclor 1232	n/a	<	0.15	µg/L	EPA 608	0.15	0.5			
2016/17-1	Lab	method blank	11/11/2016	PCB	PCB Aroclor 1232	n/a	<	0.15	µg/L	EPA 608	0.15	0.5			
2016/17-1	Lab	method blank	11/9/2016	PCB	PCB Aroclor 1242	n/a	<	0.07	µg/L	EPA 608	0.07	0.5			
2016/17-1	Lab	method blank	11/11/2016	PCB	PCB Aroclor 1242	n/a	<	0.07	µg/L	EPA 608	0.07	0.5			
2016/17-1	Lab	method blank	11/9/2016	PCB	PCB Aroclor 1248	n/a	<	0.06	µg/L	EPA 608	0.06	0.5			
2016/17-1	Lab	method blank	11/11/2016	PCB	PCB Aroclor 1248	n/a	<	0.06	µg/L	EPA 608	0.06	0.5			
2016/17-1	Lab	method blank	11/9/2016	PCB	PCB Aroclor 1254	n/a	<	0.04	µg/L	EPA 608	0.04	0.5			
2016/17-1	Lab	method blank	11/11/2016	PCB	PCB Aroclor 1254	n/a	<	0.04	µg/L	EPA 608	0.04	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	
2016/17-1	Lab	method blank	11/9/2016	PCB	PCB Aroclor 1260	n/a	<	0.04	µg/L	EPA 608	0.04	0.5			
2016/17-1	Lab	method blank	11/11/2016	PCB	PCB Aroclor 1260	n/a	<	0.04	µg/L	EPA 608	0.04	0.5			
2016/17-1	000NONPJ	matrix spike	11/3/2016	Pesticide	2,4,5-T	n/a	=	3.97	µg/L	EPA 515.3	0.07	0.2			
2016/17-1	000NONPJ	matrix spike, rec	11/3/2016	Pesticide	2,4,5-T	n/a	=	99	%	EPA 515.3	-88	-88	70	130	
2016/17-1	000NONPJ	matrix spike dup	11/3/2016	Pesticide	2,4,5-T	n/a	=	3.94	µg/L	EPA 515.3	0.07	0.2			
2016/17-1	000NONPJ	matrix spike dup, rec	11/3/2016	Pesticide	2,4,5-T	n/a	=	98	%	EPA 515.3	-88	-88	70	130	
2016/17-1	000NONPJ	matrix spike, RPD	11/3/2016	Pesticide	2,4,5-T	n/a	=	0.9	%	EPA 515.3	-88	-88	0	30	
2016/17-1	000NONPJ	matrix spike	11/3/2016	Pesticide	2,4,5-T	n/a	=	3.95	µg/L	EPA 515.3	0.07	0.2			
2016/17-1	000NONPJ	matrix spike, rec	11/3/2016	Pesticide	2,4,5-T	n/a	=	99	%	EPA 515.3	-88	-88	70	130	
2016/17-1	000NONPJ	matrix spike dup	11/3/2016	Pesticide	2,4,5-T	n/a	=	3.92	µg/L	EPA 515.3	0.07	0.2			
2016/17-1	000NONPJ	matrix spike dup, rec	11/3/2016	Pesticide	2,4,5-T	n/a	=	98	%	EPA 515.3	-88	-88	70	130	
2016/17-1	000NONPJ	matrix spike, RPD	11/3/2016	Pesticide	2,4,5-T	n/a	=	0.7	%	EPA 515.3	-88	-88	0	30	
2016/17-1	Lab	method blank	11/3/2016	Pesticide	2,4,5-T	n/a	<	0.07	µg/L	EPA 515.3	0.07	0.2			
2016/17-1	Lab	LCS	11/3/2016	Pesticide	2,4,5-T	n/a	=	3.87	µg/L	EPA 515.3	0.07	0.2			
2016/17-1	Lab	LCS, rec	11/3/2016	Pesticide	2,4,5-T	n/a	=	97	%	EPA 515.3	-88	-88	70	130	
2016/17-1	000NONPJ	matrix spike	11/3/2016	Pesticide	2,4,5-TP	n/a	=	3.99	µg/L	EPA 515.3	0.09	0.2			
2016/17-1	000NONPJ	matrix spike, rec	11/3/2016	Pesticide	2,4,5-TP	n/a	=	100	%	EPA 515.3	-88	-88	70	130	
2016/17-1	000NONPJ	matrix spike dup	11/3/2016	Pesticide	2,4,5-TP	n/a	=	3.98	µg/L	EPA 515.3	0.09	0.2			
2016/17-1	000NONPJ	matrix spike dup, rec	11/3/2016	Pesticide	2,4,5-TP	n/a	=	100	%	EPA 515.3	-88	-88	70	130	
2016/17-1	000NONPJ	matrix spike, RPD	11/3/2016	Pesticide	2,4,5-TP	n/a	=	0.05	%	EPA 515.3	-88	-88	0	30	
2016/17-1	000NONPJ	matrix spike	11/3/2016	Pesticide	2,4,5-TP	n/a	=	3.87	µg/L	EPA 515.3	0.09	0.2			
2016/17-1	000NONPJ	matrix spike, rec	11/3/2016	Pesticide	2,4,5-TP	n/a	=	97	%	EPA 515.3	-88	-88	70	130	
2016/17-1	000NONPJ	matrix spike dup	11/3/2016	Pesticide	2,4,5-TP	n/a	=	4.05	µg/L	EPA 515.3	0.09	0.2			
2016/17-1	000NONPJ	matrix spike dup, rec	11/3/2016	Pesticide	2,4,5-TP	n/a	=	101	%	EPA 515.3	-88	-88	70	130	
2016/17-1	000NONPJ	matrix spike, RPD	11/3/2016	Pesticide	2,4,5-TP	n/a	=	4	%	EPA 515.3	-88	-88	0	30	
2016/17-1	Lab	method blank	11/3/2016	Pesticide	2,4,5-TP	n/a	<	0.09	µg/L	EPA 515.3	0.09	0.2			
2016/17-1	Lab	LCS	11/3/2016	Pesticide	2,4,5-TP	n/a	=	3.94	µg/L	EPA 515.3	0.09	0.2			
2016/17-1	Lab	LCS, rec	11/3/2016	Pesticide	2,4,5-TP	n/a	=	99	%	EPA 515.3	-88	-88	70	130	
2016/17-1	000NONPJ	matrix spike	11/3/2016	Pesticide	2,4-D	n/a	=	7.99	µg/L	EPA 515.3	0.07	0.4			
2016/17-1	000NONPJ	matrix spike, rec	11/3/2016	Pesticide	2,4-D	n/a	=	100	%	EPA 515.3	-88	-88	70	130	
2016/17-1	000NONPJ	matrix spike dup	11/3/2016	Pesticide	2,4-D	n/a	=	8.04	µg/L	EPA 515.3	0.07	0.4			
2016/17-1	000NONPJ	matrix spike dup, rec	11/3/2016	Pesticide	2,4-D	n/a	=	100	%	EPA 515.3	-88	-88	70	130	
2016/17-1	000NONPJ	matrix spike, RPD	11/3/2016	Pesticide	2,4-D	n/a	=	0.6	%	EPA 515.3	-88	-88	0	30	
2016/17-1	000NONPJ	matrix spike	11/3/2016	Pesticide	2,4-D	n/a	=	7.74	µg/L	EPA 515.3	0.07	0.4			
2016/17-1	000NONPJ	matrix spike, rec	11/3/2016	Pesticide	2,4-D	n/a	=	97	%	EPA 515.3	-88	-88	70	130	
2016/17-1	000NONPJ	matrix spike dup	11/3/2016	Pesticide	2,4-D	n/a	=	8.4	µg/L	EPA 515.3	0.07	0.4			
2016/17-1	000NONPJ	matrix spike dup, rec	11/3/2016	Pesticide	2,4-D	n/a	=	105	%	EPA 515.3	-88	-88	70	130	
2016/17-1	000NONPJ	matrix spike, RPD	11/3/2016	Pesticide	2,4-D	n/a	=	8	%	EPA 515.3	-88	-88	0	30	
2016/17-1	Lab	method blank	11/3/2016	Pesticide	2,4-D	n/a	<	0.07	µg/L	EPA 515.3	0.07	0.4			
2016/17-1	Lab	LCS	11/3/2016	Pesticide	2,4-D	n/a	=	7.78	µg/L	EPA 515.3	0.07	0.4			
2016/17-1	Lab	LCS, rec	11/3/2016	Pesticide	2,4-D	n/a	=	97	%	EPA 515.3	-88	-88	70	130	
2016/17-1	000NONPJ	matrix spike	11/3/2016	Pesticide	2,4-DB	n/a	=	13.7	µg/L	EPA 515.3	0.07	2			
2016/17-1	000NONPJ	matrix spike, rec	11/3/2016	Pesticide	2,4-DB	n/a	=	85	%	EPA 515.3	-88	-88	70	130	
2016/17-1	000NONPJ	matrix spike dup	11/3/2016	Pesticide	2,4-DB	n/a	=	14.7	µg/L	EPA 515.3	0.07	2			
2016/17-1	000NONPJ	matrix spike dup, rec	11/3/2016	Pesticide	2,4-DB	n/a	=	92	%	EPA 515.3	-88	-88	70	130	
2016/17-1	000NONPJ	matrix spike, RPD	11/3/2016	Pesticide	2,4-DB	n/a	=	7	%	EPA 515.3	-88	-88	0	30	
2016/17-1	000NONPJ	matrix spike	11/3/2016	Pesticide	2,4-DB	n/a	=	13.4	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	
2016/17-1	000NONPJ	matrix spike, rec	11/3/2016	Pesticide	2,4-DB	n/a	=	84	%	EPA 515.3	-88	-88	70	130	
2016/17-1	000NONPJ	matrix spike dup	11/3/2016	Pesticide	2,4-DB	n/a	=	14.5	µg/L	EPA 515.3	0.07	2			
2016/17-1	000NONPJ	matrix spike dup, rec	11/3/2016	Pesticide	2,4-DB	n/a	=	91	%	EPA 515.3	-88	-88	70	130	
2016/17-1	000NONPJ	matrix spike, RPD	11/3/2016	Pesticide	2,4-DB	n/a	=	8	%	EPA 515.3	-88	-88	0	30	
2016/17-1	Lab	method blank	11/3/2016	Pesticide	2,4-DB	n/a	<	0.07	µg/L	EPA 515.3	0.07	2			
2016/17-1	Lab	LCS	11/3/2016	Pesticide	2,4-DB	n/a	=	13.3	µg/L	EPA 515.3	0.07	2			
2016/17-1	Lab	LCS, rec	11/3/2016	Pesticide	2,4-DB	n/a	=	83	%	EPA 515.3	-88	-88	70	130	
2016/17-1	000NONPJ	matrix spike	11/3/2016	Pesticide	3,5-Dichlorobenzoic acid	n/a	=	8.2	µg/L	EPA 515.3	0.09	1			
2016/17-1	000NONPJ	matrix spike, rec	11/3/2016	Pesticide	3,5-Dichlorobenzoic acid	n/a	=	103	%	EPA 515.3	-88	-88	70	130	
2016/17-1	000NONPJ	matrix spike dup	11/3/2016	Pesticide	3,5-Dichlorobenzoic acid	n/a	=	7.99	µg/L	EPA 515.3	0.09	1			
2016/17-1	000NONPJ	matrix spike dup, rec	11/3/2016	Pesticide	3,5-Dichlorobenzoic acid	n/a	=	100	%	EPA 515.3	-88	-88	70	130	
2016/17-1	000NONPJ	matrix spike, RPD	11/3/2016	Pesticide	3,5-Dichlorobenzoic acid	n/a	=	3	%	EPA 515.3	-88	-88	0	30	
2016/17-1	000NONPJ	matrix spike	11/3/2016	Pesticide	3,5-Dichlorobenzoic acid	n/a	=	8.1	µg/L	EPA 515.3	0.09	1			
2016/17-1	000NONPJ	matrix spike, rec	11/3/2016	Pesticide	3,5-Dichlorobenzoic acid	n/a	=	101	%	EPA 515.3	-88	-88	70	130	
2016/17-1	000NONPJ	matrix spike dup	11/3/2016	Pesticide	3,5-Dichlorobenzoic acid	n/a	=	7.9	µg/L	EPA 515.3	0.09	1			
2016/17-1	000NONPJ	matrix spike dup, rec	11/3/2016	Pesticide	3,5-Dichlorobenzoic acid	n/a	=	99	%	EPA 515.3	-88	-88	70	130	
2016/17-1	000NONPJ	matrix spike, RPD	11/3/2016	Pesticide	3,5-Dichlorobenzoic acid	n/a	=	2	%	EPA 515.3	-88	-88	0	30	
2016/17-1	Lab	method blank	11/3/2016	Pesticide	3,5-Dichlorobenzoic acid	n/a	<	0.09	µg/L	EPA 515.3	0.09	1			
2016/17-1	Lab	LCS	11/3/2016	Pesticide	3,5-Dichlorobenzoic acid	n/a	=	8.22	µg/L	EPA 515.3	0.09	1			
2016/17-1	Lab	LCS, rec	11/3/2016	Pesticide	3,5-Dichlorobenzoic acid	n/a	=	103	%	EPA 515.3	-88	-88	70	130	
2016/17-1	Lab	method blank	11/9/2016	Pesticide	4,4'-DDD	n/a	<	0.003	µg/L	EPA 608	0.003	0.05			
2016/17-1	Lab	LCS	11/9/2016	Pesticide	4,4'-DDD	n/a	=	0.084	µg/L	EPA 608	0.003	0.05			
2016/17-1	Lab	LCS, rec	11/9/2016	Pesticide	4,4'-DDD	n/a	=	84	%	EPA 608	-88	-88	42	133	
2016/17-1	Lab	LCS dup	11/9/2016	Pesticide	4,4'-DDD	n/a	=	0.0852	µg/L	EPA 608	0.003	0.05			
2016/17-1	Lab	LCS dup, rec	11/9/2016	Pesticide	4,4'-DDD	n/a	=	85	%	EPA 608	-88	-88	42	133	
2016/17-1	Lab	LCS, RPD	11/9/2016	Pesticide	4,4'-DDD	n/a	=	1	%	EPA 608	-88	-88	0	30	
2016/17-1	Lab	method blank	11/11/2016	Pesticide	4,4'-DDD	n/a	<	0.003	µg/L	EPA 608	0.003	0.05			
2016/17-1	Lab	LCS	11/11/2016	Pesticide	4,4'-DDD	n/a	=	0.0841	µg/L	EPA 608	0.003	0.05			
2016/17-1	Lab	LCS, rec	11/11/2016	Pesticide	4,4'-DDD	n/a	=	84	%	EPA 608	-88	-88	42	133	
2016/17-1	Lab	LCS dup	11/11/2016	Pesticide	4,4'-DDD	n/a	=	0.0789	µg/L	EPA 608	0.003	0.05			
2016/17-1	Lab	LCS dup, rec	11/11/2016	Pesticide	4,4'-DDD	n/a	=	79	%	EPA 608	-88	-88	42	133	
2016/17-1	Lab	LCS, RPD	11/11/2016	Pesticide	4,4'-DDD	n/a	=	6	%	EPA 608	-88	-88	0	30	
2016/17-1	Lab	method blank	11/9/2016	Pesticide	4,4'-DDE	n/a	<	0.0025	µg/L	EPA 608	0.0025	0.05			
2016/17-1	Lab	LCS	11/9/2016	Pesticide	4,4'-DDE	n/a	=	0.0724	µg/L	EPA 608	0.0025	0.05			
2016/17-1	Lab	LCS, rec	11/9/2016	Pesticide	4,4'-DDE	n/a	=	72	%	EPA 608	-88	-88	33	126	
2016/17-1	Lab	LCS dup	11/9/2016	Pesticide	4,4'-DDE	n/a	=	0.0721	µg/L	EPA 608	0.0025	0.05			
2016/17-1	Lab	LCS dup, rec	11/9/2016	Pesticide	4,4'-DDE	n/a	=	72	%	EPA 608	-88	-88	33	126	
2016/17-1	Lab	LCS, RPD	11/9/2016	Pesticide	4,4'-DDE	n/a	=	0.5	%	EPA 608	-88	-88	0	30	
2016/17-1	Lab	method blank	11/11/2016	Pesticide	4,4'-DDE	n/a	<	0.0025	µg/L	EPA 608	0.0025	0.05			
2016/17-1	Lab	LCS	11/11/2016	Pesticide	4,4'-DDE	n/a	=	0.0694	µg/L	EPA 608	0.0025	0.05			
2016/17-1	Lab	LCS, rec	11/11/2016	Pesticide	4,4'-DDE	n/a	=	69	%	EPA 608	-88	-88	33	126	
2016/17-1	Lab	LCS dup	11/11/2016	Pesticide	4,4'-DDE	n/a	=	0.0604	µg/L	EPA 608	0.0025	0.05			
2016/17-1	Lab	LCS dup, rec	11/11/2016	Pesticide	4,4'-DDE	n/a	=	60	%	EPA 608	-88	-88	33	126	
2016/17-1	Lab	LCS, RPD	11/11/2016	Pesticide	4,4'-DDE	n/a	=	14	%	EPA 608	-88	-88	0	30	
2016/17-1	Lab	method blank	11/9/2016	Pesticide	4,4'-DDT	n/a	<	0.0031	µg/L	EPA 608	0.0031	0.01			
2016/17-1	Lab	LCS	11/9/2016	Pesticide	4,4'-DDT	n/a	=	0.0926	µg/L	EPA 608	0.0031	0.01			
2016/17-1	Lab	LCS, rec	11/9/2016	Pesticide	4,4'-DDT	n/a	=	93	%	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	
2016/17-1	Lab	LCS dup	11/9/2016	Pesticide	4,4'-DDT	n/a	=	0.087	µg/L	EPA 608	0.0031	0.01			
2016/17-1	Lab	LCS dup, rec	11/9/2016	Pesticide	4,4'-DDT	n/a	=	87	%	EPA 608	-88	-88	35	147	
2016/17-1	Lab	LCS, RPD	11/9/2016	Pesticide	4,4'-DDT	n/a	=	6	%	EPA 608	-88	-88	0	30	
2016/17-1	Lab	method blank	11/11/2016	Pesticide	4,4'-DDT	n/a	<	0.0031	µg/L	EPA 608	0.0031	0.01			
2016/17-1	Lab	LCS	11/11/2016	Pesticide	4,4'-DDT	n/a	=	0.0828	µg/L	EPA 608	0.0031	0.01			
2016/17-1	Lab	LCS, rec	11/11/2016	Pesticide	4,4'-DDT	n/a	=	83	%	EPA 608	-88	-88	35	147	
2016/17-1	Lab	LCS dup	11/11/2016	Pesticide	4,4'-DDT	n/a	=	0.079	µg/L	EPA 608	0.0031	0.01			
2016/17-1	Lab	LCS dup, rec	11/11/2016	Pesticide	4,4'-DDT	n/a	=	79	%	EPA 608	-88	-88	35	147	
2016/17-1	Lab	LCS, RPD	11/11/2016	Pesticide	4,4'-DDT	n/a	=	5	%	EPA 608	-88	-88	0	30	
2016/17-1	000NONPJ	matrix spike	11/3/2016	Pesticide	Acifluorfen	n/a	=	4.25	µg/L	EPA 515.3	0.06	0.4			
2016/17-1	000NONPJ	matrix spike, rec	11/3/2016	Pesticide	Acifluorfen	n/a	=	106	%	EPA 515.3	-88	-88	70	130	
2016/17-1	000NONPJ	matrix spike dup	11/3/2016	Pesticide	Acifluorfen	n/a	=	4.37	µg/L	EPA 515.3	0.06	0.4			
2016/17-1	000NONPJ	matrix spike dup, rec	11/3/2016	Pesticide	Acifluorfen	n/a	=	109	%	EPA 515.3	-88	-88	70	130	
2016/17-1	000NONPJ	matrix spike, RPD	11/3/2016	Pesticide	Acifluorfen	n/a	=	3	%	EPA 515.3	-88	-88	0	30	
2016/17-1	000NONPJ	matrix spike	11/3/2016	Pesticide	Acifluorfen	n/a	=	4.2	µg/L	EPA 515.3	0.06	0.4			
2016/17-1	000NONPJ	matrix spike, rec	11/3/2016	Pesticide	Acifluorfen	n/a	=	105	%	EPA 515.3	-88	-88	70	130	
2016/17-1	000NONPJ	matrix spike dup	11/3/2016	Pesticide	Acifluorfen	n/a	=	4.34	µg/L	EPA 515.3	0.06	0.4			
2016/17-1	000NONPJ	matrix spike dup, rec	11/3/2016	Pesticide	Acifluorfen	n/a	=	109	%	EPA 515.3	-88	-88	70	130	
2016/17-1	000NONPJ	matrix spike, RPD	11/3/2016	Pesticide	Acifluorfen	n/a	=	3	%	EPA 515.3	-88	-88	0	30	
2016/17-1	Lab	method blank	11/3/2016	Pesticide	Acifluorfen	n/a	<	0.06	µg/L	EPA 515.3	0.06	0.4			
2016/17-1	Lab	LCS	11/3/2016	Pesticide	Acifluorfen	n/a	=	4.15	µg/L	EPA 515.3	0.06	0.4			
2016/17-1	Lab	LCS, rec	11/3/2016	Pesticide	Acifluorfen	n/a	=	104	%	EPA 515.3	-88	-88	70	130	
2016/17-1	Lab	method blank	11/11/2016	Pesticide	Alachlor	n/a	<	0.022	µg/L	EPA 525.2	0.022	0.1			
2016/17-1	Lab	LCS	11/11/2016	Pesticide	Alachlor	n/a	=	6.44	µg/L	EPA 525.2	0.022	0.1			EUM
2016/17-1	Lab	LCS, rec	11/11/2016	Pesticide	Alachlor	n/a	=	129	%	EPA 525.2	-88	-88	55	124	EUM
2016/17-1	Lab	LCS dup	11/11/2016	Pesticide	Alachlor	n/a	=	6.58	µg/L	EPA 525.2	0.022	0.1			EUM
2016/17-1	Lab	LCS dup, rec	11/11/2016	Pesticide	Alachlor	n/a	=	132	%	EPA 525.2	-88	-88	55	124	EUM
2016/17-1	Lab	LCS, RPD	11/11/2016	Pesticide	Alachlor	n/a	=	2	%	EPA 525.2	-88	-88	0	30	
2016/17-1	Lab	method blank	11/14/2016	Pesticide	Alachlor	n/a	<	0.022	µg/L	EPA 525.2	0.022	0.1			
2016/17-1	Lab	LCS dup	11/14/2016	Pesticide	Alachlor	n/a	=	8.13	µg/L	EPA 525.2	0.022	0.1			EUM
2016/17-1	Lab	LCS dup, rec	11/14/2016	Pesticide	Alachlor	n/a	=	163	%	EPA 525.2	-88	-88	55	124	EUM
2016/17-1	Lab	LCS, RPD	11/14/2016	Pesticide	Alachlor	n/a	=	12	%	EPA 525.2	-88	-88	0	30	
2016/17-1	Lab	LCS	11/14/2016	Pesticide	Alachlor	n/a	=	7.22	µg/L	EPA 525.2	0.022	0.1			EUM
2016/17-1	Lab	LCS, rec	11/14/2016	Pesticide	Alachlor	n/a	=	144	%	EPA 525.2	-88	-88	55	124	EUM
2016/17-1	Lab	method blank	11/9/2016	Pesticide	Aldrin	n/a	<	0.0015	µg/L	EPA 608	0.0015	0.005			
2016/17-1	Lab	LCS	11/9/2016	Pesticide	Aldrin	n/a	=	0.0659	µg/L	EPA 608	0.0015	0.005			
2016/17-1	Lab	LCS, rec	11/9/2016	Pesticide	Aldrin	n/a	=	66	%	EPA 608	-88	-88	18	117	
2016/17-1	Lab	LCS dup	11/9/2016	Pesticide	Aldrin	n/a	=	0.0533	µg/L	EPA 608	0.0015	0.005			
2016/17-1	Lab	LCS dup, rec	11/9/2016	Pesticide	Aldrin	n/a	=	53	%	EPA 608	-88	-88	18	117	
2016/17-1	Lab	LCS, RPD	11/9/2016	Pesticide	Aldrin	n/a	=	21	%	EPA 608	-88	-88	0	30	
2016/17-1	Lab	method blank	11/11/2016	Pesticide	Aldrin	n/a	<	0.0015	µg/L	EPA 608	0.0015	0.005			
2016/17-1	Lab	LCS	11/11/2016	Pesticide	Aldrin	n/a	=	0.0535	µg/L	EPA 608	0.0015	0.005			
2016/17-1	Lab	LCS, rec	11/11/2016	Pesticide	Aldrin	n/a	=	54	%	EPA 608	-88	-88	18	117	
2016/17-1	Lab	LCS dup	11/11/2016	Pesticide	Aldrin	n/a	=	0.0462	µg/L	EPA 608	0.0015	0.005			
2016/17-1	Lab	LCS dup, rec	11/11/2016	Pesticide	Aldrin	n/a	=	46	%	EPA 608	-88	-88	18	117	
2016/17-1	Lab	LCS, RPD	11/11/2016	Pesticide	Aldrin	n/a	=	15	%	EPA 608	-88	-88	0	30	
2016/17-1	Lab	method blank	11/9/2016	Pesticide	alpha-BHC	n/a	<	0.0018	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	
2016/17-1	Lab	LCS	11/9/2016	Pesticide	alpha-BHC	n/a	=	0.0785	µg/L	EPA 608	0.0018	0.01			
2016/17-1	Lab	LCS, rec	11/9/2016	Pesticide	alpha-BHC	n/a	=	79	%	EPA 608	-88	-88	47	119	
2016/17-1	Lab	LCS dup	11/9/2016	Pesticide	alpha-BHC	n/a	=	0.0713	µg/L	EPA 608	0.0018	0.01			
2016/17-1	Lab	LCS dup, rec	11/9/2016	Pesticide	alpha-BHC	n/a	=	71	%	EPA 608	-88	-88	47	119	
2016/17-1	Lab	LCS, RPD	11/9/2016	Pesticide	alpha-BHC	n/a	=	10	%	EPA 608	-88	-88	0	30	
2016/17-1	Lab	method blank	11/11/2016	Pesticide	alpha-BHC	n/a	<	0.0018	µg/L	EPA 608	0.0018	0.01			
2016/17-1	Lab	LCS	11/11/2016	Pesticide	alpha-BHC	n/a	=	0.0694	µg/L	EPA 608	0.0018	0.01			
2016/17-1	Lab	LCS, rec	11/11/2016	Pesticide	alpha-BHC	n/a	=	69	%	EPA 608	-88	-88	47	119	
2016/17-1	Lab	LCS dup	11/11/2016	Pesticide	alpha-BHC	n/a	=	0.0619	µg/L	EPA 608	0.0018	0.01			
2016/17-1	Lab	LCS dup, rec	11/11/2016	Pesticide	alpha-BHC	n/a	=	62	%	EPA 608	-88	-88	47	119	
2016/17-1	Lab	LCS, RPD	11/11/2016	Pesticide	alpha-BHC	n/a	=	11	%	EPA 608	-88	-88	0	30	
2016/17-1	Lab	method blank	11/9/2016	Pesticide	alpha-Chlordane	n/a	<	0.0041	µg/L	EPA 608	0.0041	0.01			
2016/17-1	Lab	method blank	11/11/2016	Pesticide	alpha-Chlordane	n/a	<	0.0041	µg/L	EPA 608	0.0041	0.01			
2016/17-1	Lab	method blank	11/11/2016	Pesticide	Atrazine	n/a	<	0.034	µg/L	EPA 525.2	0.034	0.1			
2016/17-1	Lab	LCS	11/11/2016	Pesticide	Atrazine	n/a	=	6.09	µg/L	EPA 525.2	0.034	0.1			
2016/17-1	Lab	LCS, rec	11/11/2016	Pesticide	Atrazine	n/a	=	122	%	EPA 525.2	-88	-88	67	131	
2016/17-1	Lab	LCS dup	11/11/2016	Pesticide	Atrazine	n/a	=	6.03	µg/L	EPA 525.2	0.034	0.1			
2016/17-1	Lab	LCS dup, rec	11/11/2016	Pesticide	Atrazine	n/a	=	121	%	EPA 525.2	-88	-88	67	131	
2016/17-1	Lab	LCS, RPD	11/11/2016	Pesticide	Atrazine	n/a	=	1	%	EPA 525.2	-88	-88	0	30	
2016/17-1	Lab	method blank	11/14/2016	Pesticide	Atrazine	n/a	<	0.034	µg/L	EPA 525.2	0.034	0.1			
2016/17-1	Lab	LCS dup	11/14/2016	Pesticide	Atrazine	n/a	=	5.49	µg/L	EPA 525.2	0.034	0.1			
2016/17-1	Lab	LCS dup, rec	11/14/2016	Pesticide	Atrazine	n/a	=	110	%	EPA 525.2	-88	-88	67	131	
2016/17-1	Lab	LCS, RPD	11/14/2016	Pesticide	Atrazine	n/a	=	4	%	EPA 525.2	-88	-88	0	30	
2016/17-1	Lab	LCS	11/14/2016	Pesticide	Atrazine	n/a	=	5.74	µg/L	EPA 525.2	0.034	0.1			
2016/17-1	Lab	LCS, rec	11/14/2016	Pesticide	Atrazine	n/a	=	115	%	EPA 525.2	-88	-88	67	131	
2016/17-1	000NONPJ	matrix spike	11/8/2016	Pesticide	Azinphos methyl	n/a	=	0.0532	µg/L	EPA 525.2m	0.0055	0.01			
2016/17-1	000NONPJ	matrix spike, rec	11/8/2016	Pesticide	Azinphos methyl	n/a	=	106	%	EPA 525.2m	-88	-88	0.1	154	
2016/17-1	000NONPJ	matrix spike dup	11/8/2016	Pesticide	Azinphos methyl	n/a	=	0.0463	µg/L	EPA 525.2m	0.0055	0.01			
2016/17-1	000NONPJ	matrix spike dup, rec	11/8/2016	Pesticide	Azinphos methyl	n/a	=	93	%	EPA 525.2m	-88	-88	0.1	154	
2016/17-1	000NONPJ	matrix spike, RPD	11/8/2016	Pesticide	Azinphos methyl	n/a	=	14	%	EPA 525.2m	-88	-88	0	30	
2016/17-1	000NONPJ	matrix spike	11/15/2016	Pesticide	Azinphos methyl	n/a	=	0.0343	µg/L	EPA 525.2m	0.0055	0.01			
2016/17-1	000NONPJ	matrix spike, rec	11/15/2016	Pesticide	Azinphos methyl	n/a	=	69	%	EPA 525.2m	-88	-88	0.1	154	
2016/17-1	000NONPJ	matrix spike dup	11/15/2016	Pesticide	Azinphos methyl	n/a	=	0.036	µg/L	EPA 525.2m	0.0055	0.01			
2016/17-1	000NONPJ	matrix spike dup, rec	11/15/2016	Pesticide	Azinphos methyl	n/a	=	72	%	EPA 525.2m	-88	-88	0.1	154	
2016/17-1	000NONPJ	matrix spike, RPD	11/15/2016	Pesticide	Azinphos methyl	n/a	=	5	%	EPA 525.2m	-88	-88	0	30	
2016/17-1	Lab	method blank	11/8/2016	Pesticide	Azinphos methyl	n/a	<	0.0055	µg/L	EPA 525.2m	0.0055	0.01			
2016/17-1	Lab	LCS	11/8/2016	Pesticide	Azinphos methyl	n/a	=	0.0393	µg/L	EPA 525.2m	0.0055	0.01			
2016/17-1	Lab	LCS, rec	11/8/2016	Pesticide	Azinphos methyl	n/a	=	79	%	EPA 525.2m	-88	-88	0.1	188	
2016/17-1	Lab	method blank	11/15/2016	Pesticide	Azinphos methyl	n/a	<	0.0055	µg/L	EPA 525.2m	0.0055	0.01			
2016/17-1	Lab	LCS	11/15/2016	Pesticide	Azinphos methyl	n/a	=	0.0346	µg/L	EPA 525.2m	0.0055	0.01			
2016/17-1	Lab	LCS, rec	11/15/2016	Pesticide	Azinphos methyl	n/a	=	69	%	EPA 525.2m	-88	-88	0.1	188	
2016/17-1	000NONPJ	matrix spike	11/3/2016	Pesticide	Bentazon	n/a	=	15.9	µg/L	EPA 515.3	0.11	2			
2016/17-1	000NONPJ	matrix spike, rec	11/3/2016	Pesticide	Bentazon	n/a	=	99	%	EPA 515.3	-88	-88	70	130	
2016/17-1	000NONPJ	matrix spike dup	11/3/2016	Pesticide	Bentazon	n/a	=	16	µg/L	EPA 515.3	0.11	2			
2016/17-1	000NONPJ	matrix spike dup, rec	11/3/2016	Pesticide	Bentazon	n/a	=	100	%	EPA 515.3	-88	-88	70	130	
2016/17-1	000NONPJ	matrix spike, RPD	11/3/2016	Pesticide	Bentazon	n/a	=	0.9	%	EPA 515.3	-88	-88	0	30	
2016/17-1	000NONPJ	matrix spike	11/3/2016	Pesticide	Bentazon	n/a	=	16	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	
2016/17-1	000NONPJ	matrix spike, rec	11/3/2016	Pesticide	Bentazon	n/a	=	100	%	EPA 515.3	-88	-88	70	130	
2016/17-1	000NONPJ	matrix spike dup	11/3/2016	Pesticide	Bentazon	n/a	=	17	µg/L	EPA 515.3	0.11	2			
2016/17-1	000NONPJ	matrix spike dup, rec	11/3/2016	Pesticide	Bentazon	n/a	=	106	%	EPA 515.3	-88	-88	70	130	
2016/17-1	000NONPJ	matrix spike, RPD	11/3/2016	Pesticide	Bentazon	n/a	=	6	%	EPA 515.3	-88	-88	0	30	
2016/17-1	Lab	method blank	11/3/2016	Pesticide	Bentazon	n/a	<	0.11	µg/L	EPA 515.3	0.11	2			
2016/17-1	Lab	LCS	11/3/2016	Pesticide	Bentazon	n/a	=	15.8	µg/L	EPA 515.3	0.11	2			
2016/17-1	Lab	LCS, rec	11/3/2016	Pesticide	Bentazon	n/a	=	99	%	EPA 515.3	-88	-88	70	130	
2016/17-1	Lab	method blank	11/9/2016	Pesticide	beta-BHC	n/a	<	0.0031	µg/L	EPA 608	0.0031	0.005			
2016/17-1	Lab	LCS	11/9/2016	Pesticide	beta-BHC	n/a	=	0.0835	µg/L	EPA 608	0.0031	0.005			
2016/17-1	Lab	LCS, rec	11/9/2016	Pesticide	beta-BHC	n/a	=	84	%	EPA 608	-88	-88	53	123	
2016/17-1	Lab	LCS dup	11/9/2016	Pesticide	beta-BHC	n/a	=	0.0744	µg/L	EPA 608	0.0031	0.005			
2016/17-1	Lab	LCS dup, rec	11/9/2016	Pesticide	beta-BHC	n/a	=	74	%	EPA 608	-88	-88	53	123	
2016/17-1	Lab	LCS, RPD	11/9/2016	Pesticide	beta-BHC	n/a	=	12	%	EPA 608	-88	-88	0	30	
2016/17-1	Lab	method blank	11/11/2016	Pesticide	beta-BHC	n/a	<	0.0031	µg/L	EPA 608	0.0031	0.005			
2016/17-1	Lab	LCS	11/11/2016	Pesticide	beta-BHC	n/a	=	0.0744	µg/L	EPA 608	0.0031	0.005			
2016/17-1	Lab	LCS, rec	11/11/2016	Pesticide	beta-BHC	n/a	=	74	%	EPA 608	-88	-88	53	123	
2016/17-1	Lab	LCS dup	11/11/2016	Pesticide	beta-BHC	n/a	=	0.0689	µg/L	EPA 608	0.0031	0.005			
2016/17-1	Lab	LCS dup, rec	11/11/2016	Pesticide	beta-BHC	n/a	=	69	%	EPA 608	-88	-88	53	123	
2016/17-1	Lab	LCS, RPD	11/11/2016	Pesticide	beta-BHC	n/a	=	8	%	EPA 608	-88	-88	0	30	
2016/17-1	000NONPJ	matrix spike	11/8/2016	Pesticide	Bolstar	n/a	=	0.0619	µg/L	EPA 525.2m	0.0046	0.01			
2016/17-1	000NONPJ	matrix spike, rec	11/8/2016	Pesticide	Bolstar	n/a	=	124	%	EPA 525.2m	-88	-88	4	184	
2016/17-1	000NONPJ	matrix spike dup	11/8/2016	Pesticide	Bolstar	n/a	=	0.0567	µg/L	EPA 525.2m	0.0046	0.01			
2016/17-1	000NONPJ	matrix spike dup, rec	11/8/2016	Pesticide	Bolstar	n/a	=	113	%	EPA 525.2m	-88	-88	4	184	
2016/17-1	000NONPJ	matrix spike, RPD	11/8/2016	Pesticide	Bolstar	n/a	=	9	%	EPA 525.2m	-88	-88	0	30	
2016/17-1	000NONPJ	matrix spike	11/15/2016	Pesticide	Bolstar	n/a	=	0.0484	µg/L	EPA 525.2m	0.0046	0.01			
2016/17-1	000NONPJ	matrix spike, rec	11/15/2016	Pesticide	Bolstar	n/a	=	97	%	EPA 525.2m	-88	-88	4	184	
2016/17-1	000NONPJ	matrix spike dup	11/15/2016	Pesticide	Bolstar	n/a	=	0.0468	µg/L	EPA 525.2m	0.0046	0.01			
2016/17-1	000NONPJ	matrix spike dup, rec	11/15/2016	Pesticide	Bolstar	n/a	=	94	%	EPA 525.2m	-88	-88	4	184	
2016/17-1	000NONPJ	matrix spike, RPD	11/15/2016	Pesticide	Bolstar	n/a	=	3	%	EPA 525.2m	-88	-88	0	30	
2016/17-1	Lab	method blank	11/8/2016	Pesticide	Bolstar	n/a	<	0.0046	µg/L	EPA 525.2m	0.0046	0.01			
2016/17-1	Lab	LCS	11/8/2016	Pesticide	Bolstar	n/a	=	0.0493	µg/L	EPA 525.2m	0.0046	0.01			
2016/17-1	Lab	LCS, rec	11/8/2016	Pesticide	Bolstar	n/a	=	99	%	EPA 525.2m	-88	-88	11	166	
2016/17-1	Lab	method blank	11/15/2016	Pesticide	Bolstar	n/a	<	0.0046	µg/L	EPA 525.2m	0.0046	0.01			
2016/17-1	Lab	LCS	11/15/2016	Pesticide	Bolstar	n/a	=	0.0321	µg/L	EPA 525.2m	0.0046	0.01			
2016/17-1	Lab	LCS, rec	11/15/2016	Pesticide	Bolstar	n/a	=	64	%	EPA 525.2m	-88	-88	11	166	
2016/17-1	Lab	method blank	11/11/2016	Pesticide	Bromacil	n/a	<	0.038	µg/L	EPA 525.2	0.038	1			
2016/17-1	Lab	LCS	11/11/2016	Pesticide	Bromacil	n/a	=	6.02	µg/L	EPA 525.2	0.038	1			
2016/17-1	Lab	LCS, rec	11/11/2016	Pesticide	Bromacil	n/a	=	120	%	EPA 525.2	-88	-88	62	139	
2016/17-1	Lab	LCS dup	11/11/2016	Pesticide	Bromacil	n/a	=	6.04	µg/L	EPA 525.2	0.038	1			
2016/17-1	Lab	LCS dup, rec	11/11/2016	Pesticide	Bromacil	n/a	=	121	%	EPA 525.2	-88	-88	62	139	
2016/17-1	Lab	LCS, RPD	11/11/2016	Pesticide	Bromacil	n/a	=	0.3	%	EPA 525.2	-88	-88	0	30	
2016/17-1	Lab	method blank	11/14/2016	Pesticide	Bromacil	n/a	<	0.038	µg/L	EPA 525.2	0.038	1			
2016/17-1	Lab	LCS dup	11/14/2016	Pesticide	Bromacil	n/a	=	6.29	µg/L	EPA 525.2	0.038	1			
2016/17-1	Lab	LCS dup, rec	11/14/2016	Pesticide	Bromacil	n/a	=	126	%	EPA 525.2	-88	-88	62	139	
2016/17-1	Lab	LCS, RPD	11/14/2016	Pesticide	Bromacil	n/a	=	4	%	EPA 525.2	-88	-88	0	30	
2016/17-1	Lab	LCS	11/14/2016	Pesticide	Bromacil	n/a	=	6.07	µg/L	EPA 525.2	0.038	1			
2016/17-1	Lab	LCS, rec	11/14/2016	Pesticide	Bromacil	n/a	=	121	%	EPA 525.2	-88	-88	62	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	
2016/17-1	Lab	method blank	11/11/2016	Pesticide	Butachlor	n/a	<	0.017	µg/L	EPA 525.2	0.017	0.2			
2016/17-1	Lab	LCS	11/11/2016	Pesticide	Butachlor	n/a	=	6.71	µg/L	EPA 525.2	0.017	0.2			EUM
2016/17-1	Lab	LCS, rec	11/11/2016	Pesticide	Butachlor	n/a	=	134	%	EPA 525.2	-88	-88	61	127	EUM
2016/17-1	Lab	LCS dup	11/11/2016	Pesticide	Butachlor	n/a	=	6.34	µg/L	EPA 525.2	0.017	0.2			
2016/17-1	Lab	LCS dup, rec	11/11/2016	Pesticide	Butachlor	n/a	=	127	%	EPA 525.2	-88	-88	61	127	
2016/17-1	Lab	LCS, RPD	11/11/2016	Pesticide	Butachlor	n/a	=	6	%	EPA 525.2	-88	-88	0	30	
2016/17-1	Lab	method blank	11/14/2016	Pesticide	Butachlor	n/a	<	0.017	µg/L	EPA 525.2	0.017	0.2			
2016/17-1	Lab	LCS dup	11/14/2016	Pesticide	Butachlor	n/a	=	7.73	µg/L	EPA 525.2	0.017	0.2			EUM
2016/17-1	Lab	LCS dup, rec	11/14/2016	Pesticide	Butachlor	n/a	=	155	%	EPA 525.2	-88	-88	61	127	EUM
2016/17-1	Lab	LCS, RPD	11/14/2016	Pesticide	Butachlor	n/a	=	4	%	EPA 525.2	-88	-88	0	30	
2016/17-1	Lab	LCS	11/14/2016	Pesticide	Butachlor	n/a	=	7.42	µg/L	EPA 525.2	0.017	0.2			EUM
2016/17-1	Lab	LCS, rec	11/14/2016	Pesticide	Butachlor	n/a	=	148	%	EPA 525.2	-88	-88	61	127	EUM
2016/17-1	Lab	method blank	11/11/2016	Pesticide	Captan	n/a	<	0.86	µg/L	EPA 525.2	0.86	1			
2016/17-1	Lab	LCS	11/11/2016	Pesticide	Captan	n/a	=	4.93	µg/L	EPA 525.2	0.86	1			
2016/17-1	Lab	LCS, rec	11/11/2016	Pesticide	Captan	n/a	=	99	%	EPA 525.2	-88	-88	14	159	
2016/17-1	Lab	LCS dup	11/11/2016	Pesticide	Captan	n/a	=	5.14	µg/L	EPA 525.2	0.86	1			
2016/17-1	Lab	LCS dup, rec	11/11/2016	Pesticide	Captan	n/a	=	103	%	EPA 525.2	-88	-88	14	159	
2016/17-1	Lab	LCS, RPD	11/11/2016	Pesticide	Captan	n/a	=	4	%	EPA 525.2	-88	-88	0	30	
2016/17-1	Lab	method blank	11/14/2016	Pesticide	Captan	n/a	<	0.86	µg/L	EPA 525.2	0.86	1			
2016/17-1	Lab	LCS dup	11/14/2016	Pesticide	Captan	n/a	=	4.65	µg/L	EPA 525.2	0.86	1			
2016/17-1	Lab	LCS dup, rec	11/14/2016	Pesticide	Captan	n/a	=	93	%	EPA 525.2	-88	-88	14	159	
2016/17-1	Lab	LCS, RPD	11/14/2016	Pesticide	Captan	n/a	=	3	%	EPA 525.2	-88	-88	0	30	
2016/17-1	Lab	LCS	11/14/2016	Pesticide	Captan	n/a	=	4.77	µg/L	EPA 525.2	0.86	1			
2016/17-1	Lab	LCS, rec	11/14/2016	Pesticide	Captan	n/a	=	95	%	EPA 525.2	-88	-88	14	159	
2016/17-1	Lab	method blank	11/9/2016	Pesticide	Chlordane (technical)	n/a	<	0.08	µg/L	EPA 608	0.08	0.1			
2016/17-1	Lab	method blank	11/11/2016	Pesticide	Chlordane (technical)	n/a	<	0.08	µg/L	EPA 608	0.08	0.1			
2016/17-1	Lab	method blank	11/11/2016	Pesticide	Chloropropham	n/a	<	0.01	µg/L	EPA 525.2	0.01	0.1			
2016/17-1	Lab	LCS	11/11/2016	Pesticide	Chloropropham	n/a	=	6.83	µg/L	EPA 525.2	0.01	0.1			
2016/17-1	Lab	LCS, rec	11/11/2016	Pesticide	Chloropropham	n/a	=	137	%	EPA 525.2	-88	-88	77	143	
2016/17-1	Lab	LCS dup	11/11/2016	Pesticide	Chloropropham	n/a	=	6.75	µg/L	EPA 525.2	0.01	0.1			
2016/17-1	Lab	LCS dup, rec	11/11/2016	Pesticide	Chloropropham	n/a	=	135	%	EPA 525.2	-88	-88	77	143	
2016/17-1	Lab	LCS, RPD	11/11/2016	Pesticide	Chloropropham	n/a	=	1	%	EPA 525.2	-88	-88	0	30	
2016/17-1	Lab	method blank	11/14/2016	Pesticide	Chloropropham	n/a	<	0.01	µg/L	EPA 525.2	0.01	0.1			
2016/17-1	Lab	LCS dup	11/14/2016	Pesticide	Chloropropham	n/a	=	6.32	µg/L	EPA 525.2	0.01	0.1			
2016/17-1	Lab	LCS dup, rec	11/14/2016	Pesticide	Chloropropham	n/a	=	126	%	EPA 525.2	-88	-88	77	143	
2016/17-1	Lab	LCS, RPD	11/14/2016	Pesticide	Chloropropham	n/a	=	4	%	EPA 525.2	-88	-88	0	30	
2016/17-1	Lab	LCS	11/14/2016	Pesticide	Chloropropham	n/a	=	6.58	µg/L	EPA 525.2	0.01	0.1			
2016/17-1	Lab	LCS, rec	11/14/2016	Pesticide	Chloropropham	n/a	=	132	%	EPA 525.2	-88	-88	77	143	
2016/17-1	000NONPJ	matrix spike	11/8/2016	Pesticide	Chlorpyrifos	n/a	=	0.0662	µg/L	EPA 525.2m	0.0069	0.01			
2016/17-1	000NONPJ	matrix spike, rec	11/8/2016	Pesticide	Chlorpyrifos	n/a	=	132	%	EPA 525.2m	-88	-88	37	168	
2016/17-1	000NONPJ	matrix spike dup	11/8/2016	Pesticide	Chlorpyrifos	n/a	=	0.0638	µg/L	EPA 525.2m	0.0069	0.01			
2016/17-1	000NONPJ	matrix spike dup, rec	11/8/2016	Pesticide	Chlorpyrifos	n/a	=	128	%	EPA 525.2m	-88	-88	37	168	
2016/17-1	000NONPJ	matrix spike, RPD	11/8/2016	Pesticide	Chlorpyrifos	n/a	=	4	%	EPA 525.2m	-88	-88	0	30	
2016/17-1	000NONPJ	matrix spike	11/15/2016	Pesticide	Chlorpyrifos	n/a	=	0.0673	µg/L	EPA 525.2m	0.0069	0.01			
2016/17-1	000NONPJ	matrix spike, rec	11/15/2016	Pesticide	Chlorpyrifos	n/a	=	135	%	EPA 525.2m	-88	-88	37	168	
2016/17-1	000NONPJ	matrix spike dup	11/15/2016	Pesticide	Chlorpyrifos	n/a	=	0.0655	µg/L	EPA 525.2m	0.0069	0.01			
2016/17-1	000NONPJ	matrix spike dup, rec	11/15/2016	Pesticide	Chlorpyrifos	n/a	=	131	%	EPA 525.2m	-88	-88	37	168	

Appendix F
Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2016/17-1	000NONPJ	matrix spike, RPD	11/15/2016	Pesticide	Chlorpyrifos	n/a	=	3	%	EPA 525.2m	-88	-88	0	30	
2016/17-1	Lab	method blank	11/8/2016	Pesticide	Chlorpyrifos	n/a	<	0.0069	µg/L	EPA 525.2m	0.0069	0.01			
2016/17-1	Lab	LCS	11/8/2016	Pesticide	Chlorpyrifos	n/a	=	0.054	µg/L	EPA 525.2m	0.0069	0.01			
2016/17-1	Lab	LCS, rec	11/8/2016	Pesticide	Chlorpyrifos	n/a	=	108	%	EPA 525.2m	-88	-88	37	169	
2016/17-1	Lab	method blank	11/15/2016	Pesticide	Chlorpyrifos	n/a	<	0.0069	µg/L	EPA 525.2m	0.0069	0.01			
2016/17-1	Lab	LCS	11/15/2016	Pesticide	Chlorpyrifos	n/a	=	0.057	µg/L	EPA 525.2m	0.0069	0.01			
2016/17-1	Lab	LCS, rec	11/15/2016	Pesticide	Chlorpyrifos	n/a	=	114	%	EPA 525.2m	-88	-88	37	169	
2016/17-1	000NONPJ	matrix spike	11/8/2016	Pesticide	Coumaphos	n/a	=	0.0708	µg/L	EPA 525.2m	0.0051	0.01			
2016/17-1	000NONPJ	matrix spike, rec	11/8/2016	Pesticide	Coumaphos	n/a	=	142	%	EPA 525.2m	-88	-88	0.1	203	
2016/17-1	000NONPJ	matrix spike dup	11/8/2016	Pesticide	Coumaphos	n/a	=	0.0642	µg/L	EPA 525.2m	0.0051	0.01			
2016/17-1	000NONPJ	matrix spike dup, rec	11/8/2016	Pesticide	Coumaphos	n/a	=	128	%	EPA 525.2m	-88	-88	0.1	203	
2016/17-1	000NONPJ	matrix spike, RPD	11/8/2016	Pesticide	Coumaphos	n/a	=	10	%	EPA 525.2m	-88	-88	0	30	
2016/17-1	000NONPJ	matrix spike	11/15/2016	Pesticide	Coumaphos	n/a	=	0.0408	µg/L	EPA 525.2m	0.0051	0.01			
2016/17-1	000NONPJ	matrix spike, rec	11/15/2016	Pesticide	Coumaphos	n/a	=	82	%	EPA 525.2m	-88	-88	0.1	203	
2016/17-1	000NONPJ	matrix spike dup	11/15/2016	Pesticide	Coumaphos	n/a	=	0.0405	µg/L	EPA 525.2m	0.0051	0.01			
2016/17-1	000NONPJ	matrix spike dup, rec	11/15/2016	Pesticide	Coumaphos	n/a	=	81	%	EPA 525.2m	-88	-88	0.1	203	
2016/17-1	000NONPJ	matrix spike, RPD	11/15/2016	Pesticide	Coumaphos	n/a	=	0.8	%	EPA 525.2m	-88	-88	0	30	
2016/17-1	Lab	method blank	11/8/2016	Pesticide	Coumaphos	n/a	<	0.0051	µg/L	EPA 525.2m	0.0051	0.01			
2016/17-1	Lab	LCS	11/8/2016	Pesticide	Coumaphos	n/a	=	0.0547	µg/L	EPA 525.2m	0.0051	0.01			
2016/17-1	Lab	LCS, rec	11/8/2016	Pesticide	Coumaphos	n/a	=	109	%	EPA 525.2m	-88	-88	0.1	225	
2016/17-1	Lab	method blank	11/15/2016	Pesticide	Coumaphos	n/a	<	0.0051	µg/L	EPA 525.2m	0.0051	0.01			
2016/17-1	Lab	LCS	11/15/2016	Pesticide	Coumaphos	n/a	=	0.0412	µg/L	EPA 525.2m	0.0051	0.01			
2016/17-1	Lab	LCS, rec	11/15/2016	Pesticide	Coumaphos	n/a	=	82	%	EPA 525.2m	-88	-88	0.1	225	
2016/17-1	Lab	method blank	11/11/2016	Pesticide	Cyanazine	n/a	<	0.024	µg/L	EPA 525.2	0.024	0.1			
2016/17-1	Lab	LCS	11/11/2016	Pesticide	Cyanazine	n/a	=	4.59	µg/L	EPA 525.2	0.024	0.1			
2016/17-1	Lab	LCS, rec	11/11/2016	Pesticide	Cyanazine	n/a	=	92	%	EPA 525.2	-88	-88	61	129	
2016/17-1	Lab	LCS dup	11/11/2016	Pesticide	Cyanazine	n/a	=	5.22	µg/L	EPA 525.2	0.024	0.1			
2016/17-1	Lab	LCS dup, rec	11/11/2016	Pesticide	Cyanazine	n/a	=	104	%	EPA 525.2	-88	-88	61	129	
2016/17-1	Lab	LCS, RPD	11/11/2016	Pesticide	Cyanazine	n/a	=	13	%	EPA 525.2	-88	-88	0	30	
2016/17-1	Lab	method blank	11/14/2016	Pesticide	Cyanazine	n/a	<	0.024	µg/L	EPA 525.2	0.024	0.1			
2016/17-1	Lab	LCS dup	11/14/2016	Pesticide	Cyanazine	n/a	=	4.06	µg/L	EPA 525.2	0.024	0.1			
2016/17-1	Lab	LCS dup, rec	11/14/2016	Pesticide	Cyanazine	n/a	=	81	%	EPA 525.2	-88	-88	61	129	
2016/17-1	Lab	LCS, RPD	11/14/2016	Pesticide	Cyanazine	n/a	=	2	%	EPA 525.2	-88	-88	0	30	
2016/17-1	Lab	LCS	11/14/2016	Pesticide	Cyanazine	n/a	=	4.16	µg/L	EPA 525.2	0.024	0.1			
2016/17-1	Lab	LCS, rec	11/14/2016	Pesticide	Cyanazine	n/a	=	83	%	EPA 525.2	-88	-88	61	129	
2016/17-1	000NONPJ	matrix spike	11/3/2016	Pesticide	Dalapon	n/a	=	7.59	µg/L	EPA 515.3	0.1	0.4			
2016/17-1	000NONPJ	matrix spike, rec	11/3/2016	Pesticide	Dalapon	n/a	=	95	%	EPA 515.3	-88	-88	70	130	
2016/17-1	000NONPJ	matrix spike dup	11/3/2016	Pesticide	Dalapon	n/a	=	7.76	µg/L	EPA 515.3	0.1	0.4			
2016/17-1	000NONPJ	matrix spike dup, rec	11/3/2016	Pesticide	Dalapon	n/a	=	97	%	EPA 515.3	-88	-88	70	130	
2016/17-1	000NONPJ	matrix spike, RPD	11/3/2016	Pesticide	Dalapon	n/a	=	2	%	EPA 515.3	-88	-88	0	30	
2016/17-1	000NONPJ	matrix spike	11/3/2016	Pesticide	Dalapon	n/a	=	7.72	µg/L	EPA 515.3	0.1	0.4			
2016/17-1	000NONPJ	matrix spike, rec	11/3/2016	Pesticide	Dalapon	n/a	=	96	%	EPA 515.3	-88	-88	70	130	
2016/17-1	000NONPJ	matrix spike dup	11/3/2016	Pesticide	Dalapon	n/a	=	7.74	µg/L	EPA 515.3	0.1	0.4			
2016/17-1	000NONPJ	matrix spike dup, rec	11/3/2016	Pesticide	Dalapon	n/a	=	97	%	EPA 515.3	-88	-88	70	130	
2016/17-1	000NONPJ	matrix spike, RPD	11/3/2016	Pesticide	Dalapon	n/a	=	0.2	%	EPA 515.3	-88	-88	0	30	
2016/17-1	Lab	method blank	11/3/2016	Pesticide	Dalapon	n/a	<	0.1	µg/L	EPA 515.3	0.1	0.4			
2016/17-1	Lab	LCS	11/3/2016	Pesticide	Dalapon	n/a	=	7.61	µg/L	EPA 515.3	0.1	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	
2016/17-1	Lab	LCS, rec	11/3/2016	Pesticide	Dalapon	n/a	=	95	%	EPA 515.3	-88	-88	70	130	
2016/17-1	000NONPJ	matrix spike	11/3/2016	Pesticide	DCPA (Dacthal)	n/a	=	3.75	µg/L	EPA 515.3	0.07	0.1			
2016/17-1	000NONPJ	matrix spike, rec	11/3/2016	Pesticide	DCPA (Dacthal)	n/a	=	94	%	EPA 515.3	-88	-88	70	130	
2016/17-1	000NONPJ	matrix spike dup	11/3/2016	Pesticide	DCPA (Dacthal)	n/a	=	3.8	µg/L	EPA 515.3	0.07	0.1			
2016/17-1	000NONPJ	matrix spike dup, rec	11/3/2016	Pesticide	DCPA (Dacthal)	n/a	=	95	%	EPA 515.3	-88	-88	70	130	
2016/17-1	000NONPJ	matrix spike, RPD	11/3/2016	Pesticide	DCPA (Dacthal)	n/a	=	1	%	EPA 515.3	-88	-88	0	30	
2016/17-1	000NONPJ	matrix spike	11/3/2016	Pesticide	DCPA (Dacthal)	n/a	=	3.78	µg/L	EPA 515.3	0.07	0.1			
2016/17-1	000NONPJ	matrix spike, rec	11/3/2016	Pesticide	DCPA (Dacthal)	n/a	=	94	%	EPA 515.3	-88	-88	70	130	
2016/17-1	000NONPJ	matrix spike dup	11/3/2016	Pesticide	DCPA (Dacthal)	n/a	=	3.82	µg/L	EPA 515.3	0.07	0.1			
2016/17-1	000NONPJ	matrix spike dup, rec	11/3/2016	Pesticide	DCPA (Dacthal)	n/a	=	96	%	EPA 515.3	-88	-88	70	130	
2016/17-1	000NONPJ	matrix spike, RPD	11/3/2016	Pesticide	DCPA (Dacthal)	n/a	=	1	%	EPA 515.3	-88	-88	0	30	
2016/17-1	Lab	method blank	11/3/2016	Pesticide	DCPA (Dacthal)	n/a	<	0.07	µg/L	EPA 515.3	0.07	0.1			
2016/17-1	Lab	LCS	11/3/2016	Pesticide	DCPA (Dacthal)	n/a	=	3.73	µg/L	EPA 515.3	0.07	0.1			
2016/17-1	Lab	LCS, rec	11/3/2016	Pesticide	DCPA (Dacthal)	n/a	=	93	%	EPA 515.3	-88	-88	70	130	
2016/17-1	Lab	method blank	11/9/2016	Pesticide	delta-BHC	n/a	<	0.0025	µg/L	EPA 608	0.0025	0.005			
2016/17-1	Lab	LCS	11/9/2016	Pesticide	delta-BHC	n/a	=	0.0953	µg/L	EPA 608	0.0025	0.005			
2016/17-1	Lab	LCS, rec	11/9/2016	Pesticide	delta-BHC	n/a	=	95	%	EPA 608	-88	-88	51	123	
2016/17-1	Lab	LCS dup	11/9/2016	Pesticide	delta-BHC	n/a	=	0.0819	µg/L	EPA 608	0.0025	0.005			
2016/17-1	Lab	LCS dup, rec	11/9/2016	Pesticide	delta-BHC	n/a	=	82	%	EPA 608	-88	-88	51	123	
2016/17-1	Lab	LCS, RPD	11/9/2016	Pesticide	delta-BHC	n/a	=	15	%	EPA 608	-88	-88	0	30	
2016/17-1	Lab	method blank	11/11/2016	Pesticide	delta-BHC	n/a	<	0.0025	µg/L	EPA 608	0.0025	0.005			
2016/17-1	Lab	LCS	11/11/2016	Pesticide	delta-BHC	n/a	=	0.0811	µg/L	EPA 608	0.0025	0.005			
2016/17-1	Lab	LCS, rec	11/11/2016	Pesticide	delta-BHC	n/a	=	81	%	EPA 608	-88	-88	51	123	
2016/17-1	Lab	LCS dup	11/11/2016	Pesticide	delta-BHC	n/a	=	0.074	µg/L	EPA 608	0.0025	0.005			
2016/17-1	Lab	LCS dup, rec	11/11/2016	Pesticide	delta-BHC	n/a	=	74	%	EPA 608	-88	-88	51	123	
2016/17-1	Lab	LCS, RPD	11/11/2016	Pesticide	delta-BHC	n/a	=	9	%	EPA 608	-88	-88	0	30	
2016/17-1	000NONPJ	matrix spike	11/8/2016	Pesticide	Demeton-O	n/a	=	0.0468	µg/L	EPA 525.2m	0.01	0.01			
2016/17-1	000NONPJ	matrix spike, rec	11/8/2016	Pesticide	Demeton-O	n/a	=	94	%	EPA 525.2m	-88	-88	0.1	208	
2016/17-1	000NONPJ	matrix spike dup	11/8/2016	Pesticide	Demeton-O	n/a	=	0.0424	µg/L	EPA 525.2m	0.01	0.01			
2016/17-1	000NONPJ	matrix spike dup, rec	11/8/2016	Pesticide	Demeton-O	n/a	=	85	%	EPA 525.2m	-88	-88	0.1	208	
2016/17-1	000NONPJ	matrix spike, RPD	11/8/2016	Pesticide	Demeton-O	n/a	=	10	%	EPA 525.2m	-88	-88	0	30	
2016/17-1	000NONPJ	matrix spike	11/15/2016	Pesticide	Demeton-O	n/a	=	0.0362	µg/L	EPA 525.2m	0.01	0.01			
2016/17-1	000NONPJ	matrix spike, rec	11/15/2016	Pesticide	Demeton-O	n/a	=	72	%	EPA 525.2m	-88	-88	0.1	208	
2016/17-1	000NONPJ	matrix spike dup	11/15/2016	Pesticide	Demeton-O	n/a	=	0.0432	µg/L	EPA 525.2m	0.01	0.01			
2016/17-1	000NONPJ	matrix spike dup, rec	11/15/2016	Pesticide	Demeton-O	n/a	=	86	%	EPA 525.2m	-88	-88	0.1	208	
2016/17-1	000NONPJ	matrix spike, RPD	11/15/2016	Pesticide	Demeton-O	n/a	=	18	%	EPA 525.2m	-88	-88	0	30	
2016/17-1	Lab	method blank	11/8/2016	Pesticide	Demeton-O	n/a	<	0.01	µg/L	EPA 525.2m	0.01	0.01			
2016/17-1	Lab	LCS	11/8/2016	Pesticide	Demeton-O	n/a	=	0.0353	µg/L	EPA 525.2m	0.01	0.01			
2016/17-1	Lab	LCS, rec	11/8/2016	Pesticide	Demeton-O	n/a	=	71	%	EPA 525.2m	-88	-88	0.1	211	
2016/17-1	Lab	method blank	11/15/2016	Pesticide	Demeton-O	n/a	<	0.01	µg/L	EPA 525.2m	0.01	0.01			
2016/17-1	Lab	LCS	11/15/2016	Pesticide	Demeton-O	n/a	DNQ	0.0092	µg/L	EPA 525.2m	0	0.01			
2016/17-1	Lab	LCS, rec	11/15/2016	Pesticide	Demeton-O	n/a	=	18	%	EPA 525.2m	-88	-88	0.1	211	
2016/17-1	000NONPJ	matrix spike	11/8/2016	Pesticide	Demeton-S	n/a	=	0.0647	µg/L	EPA 525.2m	0.01	0.01			
2016/17-1	000NONPJ	matrix spike, rec	11/8/2016	Pesticide	Demeton-S	n/a	=	129	%	EPA 525.2m	-88	-88	0.1	207	
2016/17-1	000NONPJ	matrix spike dup	11/8/2016	Pesticide	Demeton-S	n/a	=	0.0633	µg/L	EPA 525.2m	0.01	0.01			
2016/17-1	000NONPJ	matrix spike dup, rec	11/8/2016	Pesticide	Demeton-S	n/a	=	127	%	EPA 525.2m	-88	-88	0.1	207	
2016/17-1	000NONPJ	matrix spike, RPD	11/8/2016	Pesticide	Demeton-S	n/a	=	2	%	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	
2016/17-1	000NONPJ	matrix spike	11/15/2016	Pesticide	Demeton-S	n/a	=	0.0584	µg/L	EPA 525.2m	0.01	0.01			
2016/17-1	000NONPJ	matrix spike, rec	11/15/2016	Pesticide	Demeton-S	n/a	=	117	%	EPA 525.2m	-88	-88	0.1	207	
2016/17-1	000NONPJ	matrix spike dup	11/15/2016	Pesticide	Demeton-S	n/a	=	0.0637	µg/L	EPA 525.2m	0.01	0.01			
2016/17-1	000NONPJ	matrix spike dup, rec	11/15/2016	Pesticide	Demeton-S	n/a	=	127	%	EPA 525.2m	-88	-88	0.1	207	
2016/17-1	000NONPJ	matrix spike, RPD	11/15/2016	Pesticide	Demeton-S	n/a	=	9	%	EPA 525.2m	-88	-88	0	30	
2016/17-1	Lab	method blank	11/8/2016	Pesticide	Demeton-S	n/a	<	0.01	µg/L	EPA 525.2m	0.01	0.01			
2016/17-1	Lab	LCS	11/8/2016	Pesticide	Demeton-S	n/a	=	0.0526	µg/L	EPA 525.2m	0.01	0.01			
2016/17-1	Lab	LCS, rec	11/8/2016	Pesticide	Demeton-S	n/a	=	105	%	EPA 525.2m	-88	-88	0.1	213	
2016/17-1	Lab	method blank	11/15/2016	Pesticide	Demeton-S	n/a	<	0.01	µg/L	EPA 525.2m	0.01	0.01			
2016/17-1	Lab	LCS	11/15/2016	Pesticide	Demeton-S	n/a	=	0.0434	µg/L	EPA 525.2m	0.01	0.01			
2016/17-1	Lab	LCS, rec	11/15/2016	Pesticide	Demeton-S	n/a	=	87	%	EPA 525.2m	-88	-88	0.1	213	
2016/17-1	000NONPJ	matrix spike	11/8/2016	Pesticide	Diazinon	n/a	=	0.0465	µg/L	EPA 525.2m	0.0052	0.01			
2016/17-1	000NONPJ	matrix spike, rec	11/8/2016	Pesticide	Diazinon	n/a	=	93	%	EPA 525.2m	-88	-88	36	153	
2016/17-1	000NONPJ	matrix spike dup	11/8/2016	Pesticide	Diazinon	n/a	=	0.0464	µg/L	EPA 525.2m	0.0052	0.01			
2016/17-1	000NONPJ	matrix spike dup, rec	11/8/2016	Pesticide	Diazinon	n/a	=	93	%	EPA 525.2m	-88	-88	36	153	
2016/17-1	000NONPJ	matrix spike, RPD	11/8/2016	Pesticide	Diazinon	n/a	=	0.4	%	EPA 525.2m	-88	-88	0	30	
2016/17-1	000NONPJ	matrix spike	11/15/2016	Pesticide	Diazinon	n/a	=	0.0545	µg/L	EPA 525.2m	0.0052	0.01			
2016/17-1	000NONPJ	matrix spike, rec	11/15/2016	Pesticide	Diazinon	n/a	=	109	%	EPA 525.2m	-88	-88	36	153	
2016/17-1	000NONPJ	matrix spike dup	11/15/2016	Pesticide	Diazinon	n/a	=	0.0533	µg/L	EPA 525.2m	0.0052	0.01			
2016/17-1	000NONPJ	matrix spike dup, rec	11/15/2016	Pesticide	Diazinon	n/a	=	107	%	EPA 525.2m	-88	-88	36	153	
2016/17-1	000NONPJ	matrix spike, RPD	11/15/2016	Pesticide	Diazinon	n/a	=	2	%	EPA 525.2m	-88	-88	0	30	
2016/17-1	Lab	method blank	11/8/2016	Pesticide	Diazinon	n/a	<	0.0052	µg/L	EPA 525.2m	0.0052	0.01			
2016/17-1	Lab	LCS	11/8/2016	Pesticide	Diazinon	n/a	=	0.0379	µg/L	EPA 525.2m	0.0052	0.01			
2016/17-1	Lab	LCS, rec	11/8/2016	Pesticide	Diazinon	n/a	=	76	%	EPA 525.2m	-88	-88	43	152	
2016/17-1	Lab	method blank	11/11/2016	Pesticide	Diazinon	n/a	<	0.096	µg/L	EPA 525.2	0.096	0.1			
2016/17-1	Lab	LCS	11/11/2016	Pesticide	Diazinon	n/a	=	5.57	µg/L	EPA 525.2	0.096	0.1			
2016/17-1	Lab	LCS, rec	11/11/2016	Pesticide	Diazinon	n/a	=	111	%	EPA 525.2	-88	-88	30	120	
2016/17-1	Lab	LCS dup	11/11/2016	Pesticide	Diazinon	n/a	=	4.25	µg/L	EPA 525.2	0.096	0.1			
2016/17-1	Lab	LCS dup, rec	11/11/2016	Pesticide	Diazinon	n/a	=	85	%	EPA 525.2	-88	-88	30	120	
2016/17-1	Lab	LCS, RPD	11/11/2016	Pesticide	Diazinon	n/a	=	27	%	EPA 525.2	-88	-88	0	30	
2016/17-1	Lab	method blank	11/14/2016	Pesticide	Diazinon	n/a	<	0.096	µg/L	EPA 525.2	0.096	0.1			
2016/17-1	Lab	LCS dup	11/14/2016	Pesticide	Diazinon	n/a	=	7.08	µg/L	EPA 525.2	0.096	0.1			EUM
2016/17-1	Lab	LCS dup, rec	11/14/2016	Pesticide	Diazinon	n/a	=	142	%	EPA 525.2	-88	-88	30	120	EUM
2016/17-1	Lab	LCS, RPD	11/14/2016	Pesticide	Diazinon	n/a	=	36	%	EPA 525.2	-88	-88	0	30	IL
2016/17-1	Lab	LCS	11/14/2016	Pesticide	Diazinon	n/a	=	4.91	µg/L	EPA 525.2	0.096	0.1			
2016/17-1	Lab	LCS, rec	11/14/2016	Pesticide	Diazinon	n/a	=	98	%	EPA 525.2	-88	-88	30	120	
2016/17-1	Lab	method blank	11/15/2016	Pesticide	Diazinon	n/a	<	0.0052	µg/L	EPA 525.2m	0.0052	0.01			
2016/17-1	Lab	LCS	11/15/2016	Pesticide	Diazinon	n/a	=	0.0306	µg/L	EPA 525.2m	0.0052	0.01			
2016/17-1	Lab	LCS, rec	11/15/2016	Pesticide	Diazinon	n/a	=	61	%	EPA 525.2m	-88	-88	43	152	
2016/17-1	000NONPJ	matrix spike	11/3/2016	Pesticide	Dicamba	n/a	=	7.76	µg/L	EPA 515.3	0.12	0.6			
2016/17-1	000NONPJ	matrix spike, rec	11/3/2016	Pesticide	Dicamba	n/a	=	97	%	EPA 515.3	-88	-88	70	130	
2016/17-1	000NONPJ	matrix spike dup	11/3/2016	Pesticide	Dicamba	n/a	=	7.94	µg/L	EPA 515.3	0.12	0.6			
2016/17-1	000NONPJ	matrix spike dup, rec	11/3/2016	Pesticide	Dicamba	n/a	=	99	%	EPA 515.3	-88	-88	70	130	
2016/17-1	000NONPJ	matrix spike, RPD	11/3/2016	Pesticide	Dicamba	n/a	=	2	%	EPA 515.3	-88	-88	0	30	
2016/17-1	000NONPJ	matrix spike	11/3/2016	Pesticide	Dicamba	n/a	=	7.7	µg/L	EPA 515.3	0.12	0.6			
2016/17-1	000NONPJ	matrix spike, rec	11/3/2016	Pesticide	Dicamba	n/a	=	96	%	EPA 515.3	-88	-88	70	130	
2016/17-1	000NONPJ	matrix spike dup	11/3/2016	Pesticide	Dicamba	n/a	=	7.92	µg/L	EPA 515.3	0.12	0.6			

Appendix F
Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2016/17-1	000NONPJ	matrix spike dup, rec	11/3/2016	Pesticide	Dicamba	n/a	=	99	%	EPA 515.3	-88	-88	70	130	
2016/17-1	000NONPJ	matrix spike, RPD	11/3/2016	Pesticide	Dicamba	n/a	=	3	%	EPA 515.3	-88	-88	0	30	
2016/17-1	Lab	method blank	11/3/2016	Pesticide	Dicamba	n/a	<	0.12	µg/L	EPA 515.3	0.12	0.6			
2016/17-1	Lab	LCS	11/3/2016	Pesticide	Dicamba	n/a	=	7.77	µg/L	EPA 515.3	0.12	0.6			
2016/17-1	Lab	LCS, rec	11/3/2016	Pesticide	Dicamba	n/a	=	97	%	EPA 515.3	-88	-88	70	130	
2016/17-1	000NONPJ	matrix spike	11/3/2016	Pesticide	Dichlorprop	n/a	=	8.12	µg/L	EPA 515.3	0.08	0.3			
2016/17-1	000NONPJ	matrix spike, rec	11/3/2016	Pesticide	Dichlorprop	n/a	=	102	%	EPA 515.3	-88	-88	70	130	
2016/17-1	000NONPJ	matrix spike dup	11/3/2016	Pesticide	Dichlorprop	n/a	=	8.08	µg/L	EPA 515.3	0.08	0.3			
2016/17-1	000NONPJ	matrix spike dup, rec	11/3/2016	Pesticide	Dichlorprop	n/a	=	101	%	EPA 515.3	-88	-88	70	130	
2016/17-1	000NONPJ	matrix spike, RPD	11/3/2016	Pesticide	Dichlorprop	n/a	=	0.6	%	EPA 515.3	-88	-88	0	30	
2016/17-1	000NONPJ	matrix spike	11/3/2016	Pesticide	Dichlorprop	n/a	=	7.9	µg/L	EPA 515.3	0.08	0.3			
2016/17-1	000NONPJ	matrix spike, rec	11/3/2016	Pesticide	Dichlorprop	n/a	=	99	%	EPA 515.3	-88	-88	70	130	
2016/17-1	000NONPJ	matrix spike dup	11/3/2016	Pesticide	Dichlorprop	n/a	=	7.97	µg/L	EPA 515.3	0.08	0.3			
2016/17-1	000NONPJ	matrix spike dup, rec	11/3/2016	Pesticide	Dichlorprop	n/a	=	100	%	EPA 515.3	-88	-88	70	130	
2016/17-1	000NONPJ	matrix spike, RPD	11/3/2016	Pesticide	Dichlorprop	n/a	=	0.9	%	EPA 515.3	-88	-88	0	30	
2016/17-1	Lab	method blank	11/3/2016	Pesticide	Dichlorprop	n/a	<	0.08	µg/L	EPA 515.3	0.08	0.3			
2016/17-1	Lab	LCS	11/3/2016	Pesticide	Dichlorprop	n/a	=	8.15	µg/L	EPA 515.3	0.08	0.3			
2016/17-1	Lab	LCS, rec	11/3/2016	Pesticide	Dichlorprop	n/a	=	102	%	EPA 515.3	-88	-88	70	130	
2016/17-1	000NONPJ	matrix spike	11/8/2016	Pesticide	Dichlorvos	n/a	=	0.0502	µg/L	EPA 525.2m	0.0029	0.01			
2016/17-1	000NONPJ	matrix spike, rec	11/8/2016	Pesticide	Dichlorvos	n/a	=	100	%	EPA 525.2m	-88	-88	42	137	
2016/17-1	000NONPJ	matrix spike dup	11/8/2016	Pesticide	Dichlorvos	n/a	=	0.0514	µg/L	EPA 525.2m	0.0029	0.01			
2016/17-1	000NONPJ	matrix spike dup, rec	11/8/2016	Pesticide	Dichlorvos	n/a	=	103	%	EPA 525.2m	-88	-88	42	137	
2016/17-1	000NONPJ	matrix spike, RPD	11/8/2016	Pesticide	Dichlorvos	n/a	=	2	%	EPA 525.2m	-88	-88	0	30	
2016/17-1	000NONPJ	matrix spike	11/15/2016	Pesticide	Dichlorvos	n/a	=	0.0514	µg/L	EPA 525.2m	0.0029	0.01			
2016/17-1	000NONPJ	matrix spike, rec	11/15/2016	Pesticide	Dichlorvos	n/a	=	103	%	EPA 525.2m	-88	-88	42	137	
2016/17-1	000NONPJ	matrix spike dup	11/15/2016	Pesticide	Dichlorvos	n/a	=	0.0567	µg/L	EPA 525.2m	0.0029	0.01			
2016/17-1	000NONPJ	matrix spike dup, rec	11/15/2016	Pesticide	Dichlorvos	n/a	=	113	%	EPA 525.2m	-88	-88	42	137	
2016/17-1	000NONPJ	matrix spike, RPD	11/15/2016	Pesticide	Dichlorvos	n/a	=	10	%	EPA 525.2m	-88	-88	0	30	
2016/17-1	Lab	method blank	11/8/2016	Pesticide	Dichlorvos	n/a	<	0.0029	µg/L	EPA 525.2m	0.0029	0.01			
2016/17-1	Lab	LCS	11/8/2016	Pesticide	Dichlorvos	n/a	=	0.046	µg/L	EPA 525.2m	0.0029	0.01			
2016/17-1	Lab	LCS, rec	11/8/2016	Pesticide	Dichlorvos	n/a	=	92	%	EPA 525.2m	-88	-88	46	133	
2016/17-1	Lab	method blank	11/15/2016	Pesticide	Dichlorvos	n/a	<	0.0029	µg/L	EPA 525.2m	0.0029	0.01			
2016/17-1	Lab	LCS	11/15/2016	Pesticide	Dichlorvos	n/a	=	0.0451	µg/L	EPA 525.2m	0.0029	0.01			
2016/17-1	Lab	LCS, rec	11/15/2016	Pesticide	Dichlorvos	n/a	=	90	%	EPA 525.2m	-88	-88	46	133	
2016/17-1	Lab	method blank	11/9/2016	Pesticide	Dieldrin	n/a	<	0.0021	µg/L	EPA 608	0.0021	0.01			
2016/17-1	Lab	LCS	11/9/2016	Pesticide	Dieldrin	n/a	=	0.0869	µg/L	EPA 608	0.0021	0.01			
2016/17-1	Lab	LCS, rec	11/9/2016	Pesticide	Dieldrin	n/a	=	87	%	EPA 608	-88	-88	48	123	
2016/17-1	Lab	LCS dup	11/9/2016	Pesticide	Dieldrin	n/a	=	0.0815	µg/L	EPA 608	0.0021	0.01			
2016/17-1	Lab	LCS dup, rec	11/9/2016	Pesticide	Dieldrin	n/a	=	81	%	EPA 608	-88	-88	48	123	
2016/17-1	Lab	LCS, RPD	11/9/2016	Pesticide	Dieldrin	n/a	=	6	%	EPA 608	-88	-88	0	30	
2016/17-1	Lab	method blank	11/11/2016	Pesticide	Dieldrin	n/a	<	0.0021	µg/L	EPA 608	0.0021	0.01			
2016/17-1	Lab	LCS	11/11/2016	Pesticide	Dieldrin	n/a	=	0.0737	µg/L	EPA 608	0.0021	0.01			
2016/17-1	Lab	LCS, rec	11/11/2016	Pesticide	Dieldrin	n/a	=	74	%	EPA 608	-88	-88	48	123	
2016/17-1	Lab	LCS dup	11/11/2016	Pesticide	Dieldrin	n/a	=	0.0694	µg/L	EPA 608	0.0021	0.01			
2016/17-1	Lab	LCS dup, rec	11/11/2016	Pesticide	Dieldrin	n/a	=	69	%	EPA 608	-88	-88	48	123	
2016/17-1	Lab	LCS, RPD	11/11/2016	Pesticide	Dieldrin	n/a	=	6	%	EPA 608	-88	-88	0	30	
2016/17-1	000NONPJ	matrix spike	11/8/2016	Pesticide	Dimethoate	n/a	=	0.0401	µg/L	EPA 525.2m	0.0062	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	
2016/17-1	000NONPJ	matrix spike, rec	11/8/2016	Pesticide	Dimethoate	n/a	=	80	%	EPA 525.2m	-88	-88	4	222	
2016/17-1	000NONPJ	matrix spike dup	11/8/2016	Pesticide	Dimethoate	n/a	=	0.052	µg/L	EPA 525.2m	0.0062	0.01			
2016/17-1	000NONPJ	matrix spike dup, rec	11/8/2016	Pesticide	Dimethoate	n/a	=	104	%	EPA 525.2m	-88	-88	4	222	
2016/17-1	000NONPJ	matrix spike, RPD	11/8/2016	Pesticide	Dimethoate	n/a	=	26	%	EPA 525.2m	-88	-88	0	30	
2016/17-1	000NONPJ	matrix spike	11/15/2016	Pesticide	Dimethoate	n/a	=	0.0471	µg/L	EPA 525.2m	0.0062	0.01			
2016/17-1	000NONPJ	matrix spike, rec	11/15/2016	Pesticide	Dimethoate	n/a	=	94	%	EPA 525.2m	-88	-88	4	222	
2016/17-1	000NONPJ	matrix spike dup	11/15/2016	Pesticide	Dimethoate	n/a	=	0.0541	µg/L	EPA 525.2m	0.0062	0.01			
2016/17-1	000NONPJ	matrix spike dup, rec	11/15/2016	Pesticide	Dimethoate	n/a	=	108	%	EPA 525.2m	-88	-88	4	222	
2016/17-1	000NONPJ	matrix spike, RPD	11/15/2016	Pesticide	Dimethoate	n/a	=	14	%	EPA 525.2m	-88	-88	0	30	
2016/17-1	Lab	method blank	11/8/2016	Pesticide	Dimethoate	n/a	<	0.0062	µg/L	EPA 525.2m	0.0062	0.01			
2016/17-1	Lab	LCS	11/8/2016	Pesticide	Dimethoate	n/a	=	0.0344	µg/L	EPA 525.2m	0.0062	0.01			
2016/17-1	Lab	LCS, rec	11/8/2016	Pesticide	Dimethoate	n/a	=	69	%	EPA 525.2m	-88	-88	10	234	
2016/17-1	Lab	method blank	11/11/2016	Pesticide	Dimethoate	n/a	<	0.024	µg/L	EPA 525.2	0.024	0.2			
2016/17-1	Lab	LCS	11/11/2016	Pesticide	Dimethoate	n/a	=	4.49	µg/L	EPA 525.2	0.024	0.2			
2016/17-1	Lab	LCS, rec	11/11/2016	Pesticide	Dimethoate	n/a	=	90	%	EPA 525.2	-88	-88	38	102	
2016/17-1	Lab	LCS dup	11/11/2016	Pesticide	Dimethoate	n/a	=	4.35	µg/L	EPA 525.2	0.024	0.2			
2016/17-1	Lab	LCS dup, rec	11/11/2016	Pesticide	Dimethoate	n/a	=	87	%	EPA 525.2	-88	-88	38	102	
2016/17-1	Lab	LCS, RPD	11/11/2016	Pesticide	Dimethoate	n/a	=	3	%	EPA 525.2	-88	-88	0	30	
2016/17-1	Lab	method blank	11/14/2016	Pesticide	Dimethoate	n/a	<	0.024	µg/L	EPA 525.2	0.024	0.2			
2016/17-1	Lab	LCS dup	11/14/2016	Pesticide	Dimethoate	n/a	=	4.09	µg/L	EPA 525.2	0.024	0.2			
2016/17-1	Lab	LCS dup, rec	11/14/2016	Pesticide	Dimethoate	n/a	=	82	%	EPA 525.2	-88	-88	38	102	
2016/17-1	Lab	LCS, RPD	11/14/2016	Pesticide	Dimethoate	n/a	=	4	%	EPA 525.2	-88	-88	0	30	
2016/17-1	Lab	LCS	11/14/2016	Pesticide	Dimethoate	n/a	=	4.27	µg/L	EPA 525.2	0.024	0.2			
2016/17-1	Lab	LCS, rec	11/14/2016	Pesticide	Dimethoate	n/a	=	85	%	EPA 525.2	-88	-88	38	102	
2016/17-1	Lab	method blank	11/15/2016	Pesticide	Dimethoate	n/a	<	0.0062	µg/L	EPA 525.2m	0.0062	0.01			
2016/17-1	Lab	LCS	11/15/2016	Pesticide	Dimethoate	n/a	=	0.031	µg/L	EPA 525.2m	0.0062	0.01			
2016/17-1	Lab	LCS, rec	11/15/2016	Pesticide	Dimethoate	n/a	=	62	%	EPA 525.2m	-88	-88	10	234	
2016/17-1	000NONPJ	matrix spike	11/3/2016	Pesticide	Dinoseb	n/a	=	3.83	µg/L	EPA 515.3	0.14	0.4			
2016/17-1	000NONPJ	matrix spike, rec	11/3/2016	Pesticide	Dinoseb	n/a	=	96	%	EPA 515.3	-88	-88	70	130	
2016/17-1	000NONPJ	matrix spike dup	11/3/2016	Pesticide	Dinoseb	n/a	=	3.94	µg/L	EPA 515.3	0.14	0.4			
2016/17-1	000NONPJ	matrix spike dup, rec	11/3/2016	Pesticide	Dinoseb	n/a	=	98	%	EPA 515.3	-88	-88	70	130	
2016/17-1	000NONPJ	matrix spike, RPD	11/3/2016	Pesticide	Dinoseb	n/a	=	3	%	EPA 515.3	-88	-88	0	30	
2016/17-1	000NONPJ	matrix spike	11/3/2016	Pesticide	Dinoseb	n/a	=	3.64	µg/L	EPA 515.3	0.14	0.4			
2016/17-1	000NONPJ	matrix spike, rec	11/3/2016	Pesticide	Dinoseb	n/a	=	91	%	EPA 515.3	-88	-88	70	130	
2016/17-1	000NONPJ	matrix spike dup	11/3/2016	Pesticide	Dinoseb	n/a	=	3.84	µg/L	EPA 515.3	0.14	0.4			
2016/17-1	000NONPJ	matrix spike dup, rec	11/3/2016	Pesticide	Dinoseb	n/a	=	96	%	EPA 515.3	-88	-88	70	130	
2016/17-1	000NONPJ	matrix spike, RPD	11/3/2016	Pesticide	Dinoseb	n/a	=	5	%	EPA 515.3	-88	-88	0	30	
2016/17-1	Lab	method blank	11/3/2016	Pesticide	Dinoseb	n/a	<	0.14	µg/L	EPA 515.3	0.14	0.4			
2016/17-1	Lab	LCS	11/3/2016	Pesticide	Dinoseb	n/a	=	3.85	µg/L	EPA 515.3	0.14	0.4			
2016/17-1	Lab	LCS, rec	11/3/2016	Pesticide	Dinoseb	n/a	=	96	%	EPA 515.3	-88	-88	70	130	
2016/17-1	Lab	method blank	11/11/2016	Pesticide	Diphenamid	n/a	<	0.024	µg/L	EPA 525.2	0.024	0.1			
2016/17-1	Lab	LCS	11/11/2016	Pesticide	Diphenamid	n/a	=	5.75	µg/L	EPA 525.2	0.024	0.1			
2016/17-1	Lab	LCS, rec	11/11/2016	Pesticide	Diphenamid	n/a	=	115	%	EPA 525.2	-88	-88	77	124	
2016/17-1	Lab	LCS dup	11/11/2016	Pesticide	Diphenamid	n/a	=	6.2	µg/L	EPA 525.2	0.024	0.1			
2016/17-1	Lab	LCS dup, rec	11/11/2016	Pesticide	Diphenamid	n/a	=	124	%	EPA 525.2	-88	-88	77	124	
2016/17-1	Lab	LCS, RPD	11/11/2016	Pesticide	Diphenamid	n/a	=	8	%	EPA 525.2	-88	-88	0	30	
2016/17-1	Lab	method blank	11/14/2016	Pesticide	Diphenamid	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	
2016/17-1	Lab	LCS dup	11/14/2016	Pesticide	Diphenamid	n/a	=	5.15	µg/L	EPA 525.2	0.024	0.1			
2016/17-1	Lab	LCS dup, rec	11/14/2016	Pesticide	Diphenamid	n/a	=	103	%	EPA 525.2	-88	-88	77	124	
2016/17-1	Lab	LCS, RPD	11/14/2016	Pesticide	Diphenamid	n/a	=	5	%	EPA 525.2	-88	-88	0	30	
2016/17-1	Lab	LCS	11/14/2016	Pesticide	Diphenamid	n/a	=	5.44	µg/L	EPA 525.2	0.024	0.1			
2016/17-1	Lab	LCS, rec	11/14/2016	Pesticide	Diphenamid	n/a	=	109	%	EPA 525.2	-88	-88	77	124	
2016/17-1	000NONPJ	matrix spike	11/8/2016	Pesticide	Disulfoton	n/a	=	0.0537	µg/L	EPA 525.2m	0.01	0.01			
2016/17-1	000NONPJ	matrix spike, rec	11/8/2016	Pesticide	Disulfoton	n/a	=	107	%	EPA 525.2m	-88	-88	12	199	
2016/17-1	000NONPJ	matrix spike dup	11/8/2016	Pesticide	Disulfoton	n/a	=	0.0518	µg/L	EPA 525.2m	0.01	0.01			
2016/17-1	000NONPJ	matrix spike dup, rec	11/8/2016	Pesticide	Disulfoton	n/a	=	104	%	EPA 525.2m	-88	-88	12	199	
2016/17-1	000NONPJ	matrix spike, RPD	11/8/2016	Pesticide	Disulfoton	n/a	=	4	%	EPA 525.2m	-88	-88	0	30	
2016/17-1	000NONPJ	matrix spike	11/15/2016	Pesticide	Disulfoton	n/a	=	0.0572	µg/L	EPA 525.2m	0.01	0.01			
2016/17-1	000NONPJ	matrix spike, rec	11/15/2016	Pesticide	Disulfoton	n/a	=	114	%	EPA 525.2m	-88	-88	12	199	
2016/17-1	000NONPJ	matrix spike dup	11/15/2016	Pesticide	Disulfoton	n/a	=	0.0568	µg/L	EPA 525.2m	0.01	0.01			
2016/17-1	000NONPJ	matrix spike dup, rec	11/15/2016	Pesticide	Disulfoton	n/a	=	114	%	EPA 525.2m	-88	-88	12	199	
2016/17-1	000NONPJ	matrix spike, RPD	11/15/2016	Pesticide	Disulfoton	n/a	=	0.7	%	EPA 525.2m	-88	-88	0	30	
2016/17-1	Lab	method blank	11/8/2016	Pesticide	Disulfoton	n/a	<	0.01	µg/L	EPA 525.2m	0.01	0.01			
2016/17-1	Lab	LCS	11/8/2016	Pesticide	Disulfoton	n/a	=	0.0438	µg/L	EPA 525.2m	0.01	0.01			
2016/17-1	Lab	LCS, rec	11/8/2016	Pesticide	Disulfoton	n/a	=	88	%	EPA 525.2m	-88	-88	0.1	212	
2016/17-1	Lab	method blank	11/11/2016	Pesticide	Disulfoton	n/a	<	0.031	µg/L	EPA 525.2	0.031	0.1			
2016/17-1	Lab	LCS	11/11/2016	Pesticide	Disulfoton	n/a	=	4.66	µg/L	EPA 525.2	0.031	0.1			
2016/17-1	Lab	LCS, rec	11/11/2016	Pesticide	Disulfoton	n/a	=	93	%	EPA 525.2	-88	-88	54	156	
2016/17-1	Lab	LCS dup	11/11/2016	Pesticide	Disulfoton	n/a	=	4.18	µg/L	EPA 525.2	0.031	0.1			
2016/17-1	Lab	LCS dup, rec	11/11/2016	Pesticide	Disulfoton	n/a	=	84	%	EPA 525.2	-88	-88	54	156	
2016/17-1	Lab	LCS, RPD	11/11/2016	Pesticide	Disulfoton	n/a	=	11	%	EPA 525.2	-88	-88	0	30	
2016/17-1	Lab	method blank	11/14/2016	Pesticide	Disulfoton	n/a	<	0.031	µg/L	EPA 525.2	0.031	0.1			
2016/17-1	Lab	LCS dup	11/14/2016	Pesticide	Disulfoton	n/a	=	4.26	µg/L	EPA 525.2	0.031	0.1			
2016/17-1	Lab	LCS dup, rec	11/14/2016	Pesticide	Disulfoton	n/a	=	85	%	EPA 525.2	-88	-88	54	156	
2016/17-1	Lab	LCS, RPD	11/14/2016	Pesticide	Disulfoton	n/a	=	25	%	EPA 525.2	-88	-88	0	30	
2016/17-1	Lab	LCS	11/14/2016	Pesticide	Disulfoton	n/a	=	3.3	µg/L	EPA 525.2	0.031	0.1			
2016/17-1	Lab	LCS, rec	11/14/2016	Pesticide	Disulfoton	n/a	=	66	%	EPA 525.2	-88	-88	54	156	
2016/17-1	Lab	method blank	11/15/2016	Pesticide	Disulfoton	n/a	<	0.01	µg/L	EPA 525.2m	0.01	0.01			
2016/17-1	Lab	LCS	11/15/2016	Pesticide	Disulfoton	n/a	=	0.0278	µg/L	EPA 525.2m	0.01	0.01			
2016/17-1	Lab	LCS, rec	11/15/2016	Pesticide	Disulfoton	n/a	=	56	%	EPA 525.2m	-88	-88	0.1	212	
2016/17-1	Lab	method blank	11/9/2016	Pesticide	Endosulfan I	n/a	<	0.0017	µg/L	EPA 608	0.0017	0.02			
2016/17-1	Lab	LCS	11/9/2016	Pesticide	Endosulfan I	n/a	=	0.0743	µg/L	EPA 608	0.0017	0.02			
2016/17-1	Lab	LCS, rec	11/9/2016	Pesticide	Endosulfan I	n/a	=	74	%	EPA 608	-88	-88	14	131	
2016/17-1	Lab	LCS dup	11/9/2016	Pesticide	Endosulfan I	n/a	=	0.0686	µg/L	EPA 608	0.0017	0.02			
2016/17-1	Lab	LCS dup, rec	11/9/2016	Pesticide	Endosulfan I	n/a	=	69	%	EPA 608	-88	-88	14	131	
2016/17-1	Lab	LCS, RPD	11/9/2016	Pesticide	Endosulfan I	n/a	=	8	%	EPA 608	-88	-88	0	30	
2016/17-1	Lab	method blank	11/11/2016	Pesticide	Endosulfan I	n/a	<	0.0017	µg/L	EPA 608	0.0017	0.02			
2016/17-1	Lab	LCS	11/11/2016	Pesticide	Endosulfan I	n/a	=	0.0675	µg/L	EPA 608	0.0017	0.02			
2016/17-1	Lab	LCS, rec	11/11/2016	Pesticide	Endosulfan I	n/a	=	67	%	EPA 608	-88	-88	14	131	
2016/17-1	Lab	LCS dup	11/11/2016	Pesticide	Endosulfan I	n/a	=	0.0617	µg/L	EPA 608	0.0017	0.02			
2016/17-1	Lab	LCS dup, rec	11/11/2016	Pesticide	Endosulfan I	n/a	=	62	%	EPA 608	-88	-88	14	131	
2016/17-1	Lab	LCS, RPD	11/11/2016	Pesticide	Endosulfan I	n/a	=	9	%	EPA 608	-88	-88	0	30	
2016/17-1	Lab	method blank	11/9/2016	Pesticide	Endosulfan II	n/a	<	0.0019	µg/L	EPA 608	0.0019	0.01			
2016/17-1	Lab	LCS	11/9/2016	Pesticide	Endosulfan II	n/a	=	0.0707	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	
2016/17-1	Lab	LCS, rec	11/9/2016	Pesticide	Endosulfan II	n/a	=	71	%	EPA 608	-88	-88	40	121	
2016/17-1	Lab	LCS dup	11/9/2016	Pesticide	Endosulfan II	n/a	=	0.0735	µg/L	EPA 608	0.0019	0.01			
2016/17-1	Lab	LCS dup, rec	11/9/2016	Pesticide	Endosulfan II	n/a	=	73	%	EPA 608	-88	-88	40	121	
2016/17-1	Lab	LCS, RPD	11/9/2016	Pesticide	Endosulfan II	n/a	=	4	%	EPA 608	-88	-88	0	30	
2016/17-1	Lab	method blank	11/11/2016	Pesticide	Endosulfan II	n/a	<	0.0019	µg/L	EPA 608	0.0019	0.01			
2016/17-1	Lab	LCS	11/11/2016	Pesticide	Endosulfan II	n/a	=	0.0724	µg/L	EPA 608	0.0019	0.01			
2016/17-1	Lab	LCS, rec	11/11/2016	Pesticide	Endosulfan II	n/a	=	72	%	EPA 608	-88	-88	40	121	
2016/17-1	Lab	LCS dup	11/11/2016	Pesticide	Endosulfan II	n/a	=	0.0653	µg/L	EPA 608	0.0019	0.01			
2016/17-1	Lab	LCS dup, rec	11/11/2016	Pesticide	Endosulfan II	n/a	=	65	%	EPA 608	-88	-88	40	121	
2016/17-1	Lab	LCS, RPD	11/11/2016	Pesticide	Endosulfan II	n/a	=	10	%	EPA 608	-88	-88	0	30	
2016/17-1	Lab	method blank	11/9/2016	Pesticide	Endosulfan sulfate	n/a	<	0.008	µg/L	EPA 608	0.008	0.05			
2016/17-1	Lab	LCS	11/9/2016	Pesticide	Endosulfan sulfate	n/a	=	0.094	µg/L	EPA 608	0.008	0.05			
2016/17-1	Lab	LCS, rec	11/9/2016	Pesticide	Endosulfan sulfate	n/a	=	94	%	EPA 608	-88	-88	44	140	
2016/17-1	Lab	LCS dup	11/9/2016	Pesticide	Endosulfan sulfate	n/a	=	0.0903	µg/L	EPA 608	0.008	0.05			
2016/17-1	Lab	LCS dup, rec	11/9/2016	Pesticide	Endosulfan sulfate	n/a	=	90	%	EPA 608	-88	-88	44	140	
2016/17-1	Lab	LCS, RPD	11/9/2016	Pesticide	Endosulfan sulfate	n/a	=	4	%	EPA 608	-88	-88	0	30	
2016/17-1	Lab	method blank	11/11/2016	Pesticide	Endosulfan sulfate	n/a	<	0.008	µg/L	EPA 608	0.008	0.05			
2016/17-1	Lab	LCS	11/11/2016	Pesticide	Endosulfan sulfate	n/a	=	0.0841	µg/L	EPA 608	0.008	0.05			
2016/17-1	Lab	LCS, rec	11/11/2016	Pesticide	Endosulfan sulfate	n/a	=	84	%	EPA 608	-88	-88	44	140	
2016/17-1	Lab	LCS dup	11/11/2016	Pesticide	Endosulfan sulfate	n/a	=	0.0797	µg/L	EPA 608	0.008	0.05			
2016/17-1	Lab	LCS dup, rec	11/11/2016	Pesticide	Endosulfan sulfate	n/a	=	80	%	EPA 608	-88	-88	44	140	
2016/17-1	Lab	LCS, RPD	11/11/2016	Pesticide	Endosulfan sulfate	n/a	=	5	%	EPA 608	-88	-88	0	30	
2016/17-1	Lab	method blank	11/9/2016	Pesticide	Endrin	n/a	<	0.0028	µg/L	EPA 608	0.0028	0.01			
2016/17-1	Lab	LCS	11/9/2016	Pesticide	Endrin	n/a	=	0.0994	µg/L	EPA 608	0.0028	0.01			
2016/17-1	Lab	LCS, rec	11/9/2016	Pesticide	Endrin	n/a	=	99	%	EPA 608	-88	-88	40	143	
2016/17-1	Lab	LCS dup	11/9/2016	Pesticide	Endrin	n/a	=	0.0866	µg/L	EPA 608	0.0028	0.01			
2016/17-1	Lab	LCS dup, rec	11/9/2016	Pesticide	Endrin	n/a	=	87	%	EPA 608	-88	-88	40	143	
2016/17-1	Lab	LCS, RPD	11/9/2016	Pesticide	Endrin	n/a	=	14	%	EPA 608	-88	-88	0	30	
2016/17-1	Lab	method blank	11/11/2016	Pesticide	Endrin	n/a	<	0.0028	µg/L	EPA 608	0.0028	0.01			
2016/17-1	Lab	LCS	11/11/2016	Pesticide	Endrin	n/a	=	0.0851	µg/L	EPA 608	0.0028	0.01			
2016/17-1	Lab	LCS, rec	11/11/2016	Pesticide	Endrin	n/a	=	85	%	EPA 608	-88	-88	40	143	
2016/17-1	Lab	LCS dup	11/11/2016	Pesticide	Endrin	n/a	=	0.0802	µg/L	EPA 608	0.0028	0.01			
2016/17-1	Lab	LCS dup, rec	11/11/2016	Pesticide	Endrin	n/a	=	80	%	EPA 608	-88	-88	40	143	
2016/17-1	Lab	LCS, RPD	11/11/2016	Pesticide	Endrin	n/a	=	6	%	EPA 608	-88	-88	0	30	
2016/17-1	Lab	method blank	11/9/2016	Pesticide	Endrin aldehyde	n/a	<	0.003	µg/L	EPA 608	0.003	0.01			
2016/17-1	Lab	LCS	11/9/2016	Pesticide	Endrin aldehyde	n/a	=	0.0699	µg/L	EPA 608	0.003	0.01			
2016/17-1	Lab	LCS, rec	11/9/2016	Pesticide	Endrin aldehyde	n/a	=	70	%	EPA 608	-88	-88	18	136	
2016/17-1	Lab	LCS dup	11/9/2016	Pesticide	Endrin aldehyde	n/a	=	0.0598	µg/L	EPA 608	0.003	0.01			
2016/17-1	Lab	LCS dup, rec	11/9/2016	Pesticide	Endrin aldehyde	n/a	=	60	%	EPA 608	-88	-88	18	136	
2016/17-1	Lab	LCS, RPD	11/9/2016	Pesticide	Endrin aldehyde	n/a	=	16	%	EPA 608	-88	-88	0	30	
2016/17-1	Lab	method blank	11/11/2016	Pesticide	Endrin aldehyde	n/a	<	0.003	µg/L	EPA 608	0.003	0.01			
2016/17-1	Lab	LCS	11/11/2016	Pesticide	Endrin aldehyde	n/a	=	0.0591	µg/L	EPA 608	0.003	0.01			
2016/17-1	Lab	LCS, rec	11/11/2016	Pesticide	Endrin aldehyde	n/a	=	59	%	EPA 608	-88	-88	18	136	
2016/17-1	Lab	LCS dup	11/11/2016	Pesticide	Endrin aldehyde	n/a	=	0.0545	µg/L	EPA 608	0.003	0.01			
2016/17-1	Lab	LCS dup, rec	11/11/2016	Pesticide	Endrin aldehyde	n/a	=	54	%	EPA 608	-88	-88	18	136	
2016/17-1	Lab	LCS, RPD	11/11/2016	Pesticide	Endrin aldehyde	n/a	=	8	%	EPA 608	-88	-88	0	30	
2016/17-1	Lab	method blank	11/11/2016	Pesticide	EPTC	n/a	<	0.017	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	
2016/17-1	Lab	LCS	11/11/2016	Pesticide	EPTC	n/a	=	5.95	µg/L	EPA 525.2	0.017	1			EUM
2016/17-1	Lab	LCS, rec	11/11/2016	Pesticide	EPTC	n/a	=	119	%	EPA 525.2	-88	-88	82	116	EUM
2016/17-1	Lab	LCS dup	11/11/2016	Pesticide	EPTC	n/a	=	6.26	µg/L	EPA 525.2	0.017	1			EUM
2016/17-1	Lab	LCS dup, rec	11/11/2016	Pesticide	EPTC	n/a	=	125	%	EPA 525.2	-88	-88	82	116	EUM
2016/17-1	Lab	LCS, RPD	11/11/2016	Pesticide	EPTC	n/a	=	5	%	EPA 525.2	-88	-88	0	30	
2016/17-1	Lab	method blank	11/14/2016	Pesticide	EPTC	n/a	<	0.017	µg/L	EPA 525.2	0.017	1			
2016/17-1	Lab	LCS dup	11/14/2016	Pesticide	EPTC	n/a	=	6.15	µg/L	EPA 525.2	0.017	1			EUM
2016/17-1	Lab	LCS dup, rec	11/14/2016	Pesticide	EPTC	n/a	=	123	%	EPA 525.2	-88	-88	82	116	EUM
2016/17-1	Lab	LCS, RPD	11/14/2016	Pesticide	EPTC	n/a	=	1	%	EPA 525.2	-88	-88	0	30	
2016/17-1	Lab	LCS	11/14/2016	Pesticide	EPTC	n/a	=	6.21	µg/L	EPA 525.2	0.017	1			EUM
2016/17-1	Lab	LCS, rec	11/14/2016	Pesticide	EPTC	n/a	=	124	%	EPA 525.2	-88	-88	82	116	EUM
2016/17-1	000NONPJ	matrix spike	11/8/2016	Pesticide	Ethoprop	n/a	=	0.0512	µg/L	EPA 525.2m	0.0067	0.01			
2016/17-1	000NONPJ	matrix spike, rec	11/8/2016	Pesticide	Ethoprop	n/a	=	102	%	EPA 525.2m	-88	-88	51	167	
2016/17-1	000NONPJ	matrix spike dup	11/8/2016	Pesticide	Ethoprop	n/a	=	0.0516	µg/L	EPA 525.2m	0.0067	0.01			
2016/17-1	000NONPJ	matrix spike dup, rec	11/8/2016	Pesticide	Ethoprop	n/a	=	103	%	EPA 525.2m	-88	-88	51	167	
2016/17-1	000NONPJ	matrix spike, RPD	11/8/2016	Pesticide	Ethoprop	n/a	=	0.9	%	EPA 525.2m	-88	-88	0	30	
2016/17-1	000NONPJ	matrix spike	11/15/2016	Pesticide	Ethoprop	n/a	=	0.0579	µg/L	EPA 525.2m	0.0067	0.01			
2016/17-1	000NONPJ	matrix spike, rec	11/15/2016	Pesticide	Ethoprop	n/a	=	116	%	EPA 525.2m	-88	-88	51	167	
2016/17-1	000NONPJ	matrix spike dup	11/15/2016	Pesticide	Ethoprop	n/a	=	0.0568	µg/L	EPA 525.2m	0.0067	0.01			
2016/17-1	000NONPJ	matrix spike dup, rec	11/15/2016	Pesticide	Ethoprop	n/a	=	114	%	EPA 525.2m	-88	-88	51	167	
2016/17-1	000NONPJ	matrix spike, RPD	11/15/2016	Pesticide	Ethoprop	n/a	=	2	%	EPA 525.2m	-88	-88	0	30	
2016/17-1	Lab	method blank	11/8/2016	Pesticide	Ethoprop	n/a	<	0.0067	µg/L	EPA 525.2m	0.0067	0.01			
2016/17-1	Lab	LCS	11/8/2016	Pesticide	Ethoprop	n/a	=	0.0425	µg/L	EPA 525.2m	0.0067	0.01			
2016/17-1	Lab	LCS, rec	11/8/2016	Pesticide	Ethoprop	n/a	=	85	%	EPA 525.2m	-88	-88	53	163	
2016/17-1	Lab	method blank	11/15/2016	Pesticide	Ethoprop	n/a	<	0.0067	µg/L	EPA 525.2m	0.0067	0.01			
2016/17-1	Lab	LCS	11/15/2016	Pesticide	Ethoprop	n/a	=	0.0528	µg/L	EPA 525.2m	0.0067	0.01			
2016/17-1	Lab	LCS, rec	11/15/2016	Pesticide	Ethoprop	n/a	=	106	%	EPA 525.2m	-88	-88	53	163	
2016/17-1	000NONPJ	matrix spike	11/8/2016	Pesticide	Ethyl parathion	n/a	=	0.0754	µg/L	EPA 525.2m	0.0054	0.01			
2016/17-1	000NONPJ	matrix spike, rec	11/8/2016	Pesticide	Ethyl parathion	n/a	=	151	%	EPA 525.2m	-88	-88	5	229	
2016/17-1	000NONPJ	matrix spike dup	11/8/2016	Pesticide	Ethyl parathion	n/a	=	0.0724	µg/L	EPA 525.2m	0.0054	0.01			
2016/17-1	000NONPJ	matrix spike dup, rec	11/8/2016	Pesticide	Ethyl parathion	n/a	=	145	%	EPA 525.2m	-88	-88	5	229	
2016/17-1	000NONPJ	matrix spike, RPD	11/8/2016	Pesticide	Ethyl parathion	n/a	=	4	%	EPA 525.2m	-88	-88	0	30	
2016/17-1	000NONPJ	matrix spike	11/15/2016	Pesticide	Ethyl parathion	n/a	=	0.0585	µg/L	EPA 525.2m	0.0054	0.01			
2016/17-1	000NONPJ	matrix spike, rec	11/15/2016	Pesticide	Ethyl parathion	n/a	=	117	%	EPA 525.2m	-88	-88	5	229	
2016/17-1	000NONPJ	matrix spike dup	11/15/2016	Pesticide	Ethyl parathion	n/a	=	0.0603	µg/L	EPA 525.2m	0.0054	0.01			
2016/17-1	000NONPJ	matrix spike dup, rec	11/15/2016	Pesticide	Ethyl parathion	n/a	=	121	%	EPA 525.2m	-88	-88	5	229	
2016/17-1	000NONPJ	matrix spike, RPD	11/15/2016	Pesticide	Ethyl parathion	n/a	=	3	%	EPA 525.2m	-88	-88	0	30	
2016/17-1	Lab	method blank	11/8/2016	Pesticide	Ethyl parathion	n/a	<	0.0054	µg/L	EPA 525.2m	0.0054	0.01			
2016/17-1	Lab	LCS	11/8/2016	Pesticide	Ethyl parathion	n/a	=	0.0623	µg/L	EPA 525.2m	0.0054	0.01			
2016/17-1	Lab	LCS, rec	11/8/2016	Pesticide	Ethyl parathion	n/a	=	125	%	EPA 525.2m	-88	-88	7	230	
2016/17-1	Lab	method blank	11/15/2016	Pesticide	Ethyl parathion	n/a	<	0.0054	µg/L	EPA 525.2m	0.0054	0.01			
2016/17-1	Lab	LCS	11/15/2016	Pesticide	Ethyl parathion	n/a	=	0.0532	µg/L	EPA 525.2m	0.0054	0.01			
2016/17-1	Lab	LCS, rec	11/15/2016	Pesticide	Ethyl parathion	n/a	=	106	%	EPA 525.2m	-88	-88	7	230	
2016/17-1	000NONPJ	matrix spike	11/8/2016	Pesticide	Fensulfothion	n/a	=	0.0432	µg/L	EPA 525.2m	0.0029	0.01			
2016/17-1	000NONPJ	matrix spike, rec	11/8/2016	Pesticide	Fensulfothion	n/a	=	86	%	EPA 525.2m	-88	-88	0.1	316	
2016/17-1	000NONPJ	matrix spike dup	11/8/2016	Pesticide	Fensulfothion	n/a	=	0.0406	µg/L	EPA 525.2m	0.0029	0.01			
2016/17-1	000NONPJ	matrix spike dup, rec	11/8/2016	Pesticide	Fensulfothion	n/a	=	81	%	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	
2016/17-1	000NONPJ	matrix spike, RPD	11/8/2016	Pesticide	Fensulfothion	n/a	=	6	%	EPA 525.2m	-88	-88	0	30	
2016/17-1	000NONPJ	matrix spike	11/15/2016	Pesticide	Fensulfothion	n/a	=	0.0384	µg/L	EPA 525.2m	0.0029	0.01			
2016/17-1	000NONPJ	matrix spike, rec	11/15/2016	Pesticide	Fensulfothion	n/a	=	77	%	EPA 525.2m	-88	-88	0.1	316	
2016/17-1	000NONPJ	matrix spike dup	11/15/2016	Pesticide	Fensulfothion	n/a	=	0.0389	µg/L	EPA 525.2m	0.0029	0.01			
2016/17-1	000NONPJ	matrix spike dup, rec	11/15/2016	Pesticide	Fensulfothion	n/a	=	78	%	EPA 525.2m	-88	-88	0.1	316	
2016/17-1	000NONPJ	matrix spike, RPD	11/15/2016	Pesticide	Fensulfothion	n/a	=	1	%	EPA 525.2m	-88	-88	0	30	
2016/17-1	Lab	method blank	11/8/2016	Pesticide	Fensulfothion	n/a	<	0.0029	µg/L	EPA 525.2m	0.0029	0.01			
2016/17-1	Lab	LCS	11/8/2016	Pesticide	Fensulfothion	n/a	=	0.0321	µg/L	EPA 525.2m	0.0029	0.01			
2016/17-1	Lab	LCS, rec	11/8/2016	Pesticide	Fensulfothion	n/a	=	64	%	EPA 525.2m	-88	-88	0.1	265	
2016/17-1	Lab	method blank	11/15/2016	Pesticide	Fensulfothion	n/a	<	0.0029	µg/L	EPA 525.2m	0.0029	0.01			
2016/17-1	Lab	LCS	11/15/2016	Pesticide	Fensulfothion	n/a	=	0.0373	µg/L	EPA 525.2m	0.0029	0.01			
2016/17-1	Lab	LCS, rec	11/15/2016	Pesticide	Fensulfothion	n/a	=	75	%	EPA 525.2m	-88	-88	0.1	265	
2016/17-1	000NONPJ	matrix spike	11/8/2016	Pesticide	Fenthion	n/a	=	0.0598	µg/L	EPA 525.2m	0.0038	0.01			
2016/17-1	000NONPJ	matrix spike, rec	11/8/2016	Pesticide	Fenthion	n/a	=	120	%	EPA 525.2m	-88	-88	23	169	
2016/17-1	000NONPJ	matrix spike dup	11/8/2016	Pesticide	Fenthion	n/a	=	0.0571	µg/L	EPA 525.2m	0.0038	0.01			
2016/17-1	000NONPJ	matrix spike dup, rec	11/8/2016	Pesticide	Fenthion	n/a	=	114	%	EPA 525.2m	-88	-88	23	169	
2016/17-1	000NONPJ	matrix spike, RPD	11/8/2016	Pesticide	Fenthion	n/a	=	5	%	EPA 525.2m	-88	-88	0	30	
2016/17-1	000NONPJ	matrix spike	11/15/2016	Pesticide	Fenthion	n/a	=	0.0603	µg/L	EPA 525.2m	0.0038	0.01			
2016/17-1	000NONPJ	matrix spike, rec	11/15/2016	Pesticide	Fenthion	n/a	=	121	%	EPA 525.2m	-88	-88	23	169	
2016/17-1	000NONPJ	matrix spike dup	11/15/2016	Pesticide	Fenthion	n/a	=	0.0597	µg/L	EPA 525.2m	0.0038	0.01			
2016/17-1	000NONPJ	matrix spike dup, rec	11/15/2016	Pesticide	Fenthion	n/a	=	119	%	EPA 525.2m	-88	-88	23	169	
2016/17-1	000NONPJ	matrix spike, RPD	11/15/2016	Pesticide	Fenthion	n/a	=	1	%	EPA 525.2m	-88	-88	0	30	
2016/17-1	Lab	method blank	11/8/2016	Pesticide	Fenthion	n/a	<	0.0038	µg/L	EPA 525.2m	0.0038	0.01			
2016/17-1	Lab	LCS	11/8/2016	Pesticide	Fenthion	n/a	=	0.0487	µg/L	EPA 525.2m	0.0038	0.01			
2016/17-1	Lab	LCS, rec	11/8/2016	Pesticide	Fenthion	n/a	=	97	%	EPA 525.2m	-88	-88	20	177	
2016/17-1	Lab	method blank	11/15/2016	Pesticide	Fenthion	n/a	<	0.0038	µg/L	EPA 525.2m	0.0038	0.01			
2016/17-1	Lab	LCS	11/15/2016	Pesticide	Fenthion	n/a	=	0.0353	µg/L	EPA 525.2m	0.0038	0.01			
2016/17-1	Lab	LCS, rec	11/15/2016	Pesticide	Fenthion	n/a	=	71	%	EPA 525.2m	-88	-88	20	177	
2016/17-1	Lab	method blank	11/9/2016	Pesticide	gamma-BHC (Lindane)	n/a	<	0.0021	µg/L	EPA 608	0.0021	0.02			
2016/17-1	Lab	LCS	11/9/2016	Pesticide	gamma-BHC (Lindane)	n/a	=	0.0893	µg/L	EPA 608	0.0021	0.02			
2016/17-1	Lab	LCS, rec	11/9/2016	Pesticide	gamma-BHC (Lindane)	n/a	=	89	%	EPA 608	-88	-88	49	117	
2016/17-1	Lab	LCS dup	11/9/2016	Pesticide	gamma-BHC (Lindane)	n/a	=	0.0705	µg/L	EPA 608	0.0021	0.02			
2016/17-1	Lab	LCS dup, rec	11/9/2016	Pesticide	gamma-BHC (Lindane)	n/a	=	70	%	EPA 608	-88	-88	49	117	
2016/17-1	Lab	LCS, RPD	11/9/2016	Pesticide	gamma-BHC (Lindane)	n/a	=	24	%	EPA 608	-88	-88	0	30	
2016/17-1	Lab	method blank	11/11/2016	Pesticide	gamma-BHC (Lindane)	n/a	<	0.0021	µg/L	EPA 608	0.0021	0.02			
2016/17-1	Lab	LCS	11/11/2016	Pesticide	gamma-BHC (Lindane)	n/a	=	0.077	µg/L	EPA 608	0.0021	0.02			
2016/17-1	Lab	LCS, rec	11/11/2016	Pesticide	gamma-BHC (Lindane)	n/a	=	77	%	EPA 608	-88	-88	49	117	
2016/17-1	Lab	LCS dup	11/11/2016	Pesticide	gamma-BHC (Lindane)	n/a	=	0.0708	µg/L	EPA 608	0.0021	0.02			
2016/17-1	Lab	LCS dup, rec	11/11/2016	Pesticide	gamma-BHC (Lindane)	n/a	=	71	%	EPA 608	-88	-88	49	117	
2016/17-1	Lab	LCS, RPD	11/11/2016	Pesticide	gamma-BHC (Lindane)	n/a	=	8	%	EPA 608	-88	-88	0	30	
2016/17-1	Lab	method blank	11/9/2016	Pesticide	gamma-Chlordane	n/a	<	0.0044	µg/L	EPA 608	0.0044	0.01			
2016/17-1	Lab	method blank	11/11/2016	Pesticide	gamma-Chlordane	n/a	<	0.0044	µg/L	EPA 608	0.0044	0.01			
2016/17-1	000NONPJ	matrix spike	10/31/2016	Pesticide	Glyphosate	n/a	=	21.8	µg/L	EPA 547	1.8	5			
2016/17-1	000NONPJ	matrix spike, rec	10/31/2016	Pesticide	Glyphosate	n/a	=	87	%	EPA 547	-88	-88	41	149	
2016/17-1	000NONPJ	matrix spike dup	10/31/2016	Pesticide	Glyphosate	n/a	=	22.6	µg/L	EPA 547	1.8	5			
2016/17-1	000NONPJ	matrix spike dup, rec	10/31/2016	Pesticide	Glyphosate	n/a	=	90	%	EPA 547	-88	-88	41	149	
2016/17-1	000NONPJ	matrix spike, RPD	10/31/2016	Pesticide	Glyphosate	n/a	=	3	%	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	
2016/17-1	000NONPJ	matrix spike	10/31/2016	Pesticide	Glyphosate	n/a	=	21.9	µg/L	EPA 547	1.8	5			
2016/17-1	000NONPJ	matrix spike, rec	10/31/2016	Pesticide	Glyphosate	n/a	=	88	%	EPA 547	-88	-88	41	149	
2016/17-1	000NONPJ	matrix spike dup	10/31/2016	Pesticide	Glyphosate	n/a	=	23	µg/L	EPA 547	1.8	5			
2016/17-1	000NONPJ	matrix spike dup, rec	10/31/2016	Pesticide	Glyphosate	n/a	=	92	%	EPA 547	-88	-88	41	149	
2016/17-1	000NONPJ	matrix spike, RPD	10/31/2016	Pesticide	Glyphosate	n/a	=	5	%	EPA 547	-88	-88	0	30	
2016/17-1	000NONPJ	matrix spike	11/8/2016	Pesticide	Glyphosate	n/a	=	21.1	µg/L	EPA 547	1.8	5			
2016/17-1	000NONPJ	matrix spike, rec	11/8/2016	Pesticide	Glyphosate	n/a	=	84	%	EPA 547	-88	-88	41	149	
2016/17-1	000NONPJ	matrix spike dup	11/8/2016	Pesticide	Glyphosate	n/a	=	23.1	µg/L	EPA 547	1.8	5			
2016/17-1	000NONPJ	matrix spike dup, rec	11/8/2016	Pesticide	Glyphosate	n/a	=	92	%	EPA 547	-88	-88	41	149	
2016/17-1	000NONPJ	matrix spike, RPD	11/8/2016	Pesticide	Glyphosate	n/a	=	9	%	EPA 547	-88	-88	0	30	
2016/17-1	000NONPJ	matrix spike	11/8/2016	Pesticide	Glyphosate	n/a	=	20.8	µg/L	EPA 547	1.8	5			
2016/17-1	000NONPJ	matrix spike, rec	11/8/2016	Pesticide	Glyphosate	n/a	=	83	%	EPA 547	-88	-88	41	149	
2016/17-1	000NONPJ	matrix spike dup	11/8/2016	Pesticide	Glyphosate	n/a	=	19.3	µg/L	EPA 547	1.8	5			
2016/17-1	000NONPJ	matrix spike dup, rec	11/8/2016	Pesticide	Glyphosate	n/a	=	77	%	EPA 547	-88	-88	41	149	
2016/17-1	000NONPJ	matrix spike, RPD	11/8/2016	Pesticide	Glyphosate	n/a	=	7	%	EPA 547	-88	-88	0	30	
2016/17-1	Lab	method blank	10/31/2016	Pesticide	Glyphosate	n/a	<	1.8	µg/L	EPA 547	1.8	5			
2016/17-1	Lab	LCS	10/31/2016	Pesticide	Glyphosate	n/a	=	21.4	µg/L	EPA 547	1.8	5			
2016/17-1	Lab	LCS, rec	10/31/2016	Pesticide	Glyphosate	n/a	=	86	%	EPA 547	-88	-88	62	130	
2016/17-1	Lab	method blank	11/8/2016	Pesticide	Glyphosate	n/a	<	1.8	µg/L	EPA 547	1.8	5			
2016/17-1	Lab	LCS	11/8/2016	Pesticide	Glyphosate	n/a	=	22.1	µg/L	EPA 547	1.8	5			
2016/17-1	Lab	LCS, rec	11/8/2016	Pesticide	Glyphosate	n/a	=	88	%	EPA 547	-88	-88	62	130	
2016/17-1	Lab	method blank	11/9/2016	Pesticide	Heptachlor	n/a	<	0.0017	µg/L	EPA 608	0.0017	0.01			
2016/17-1	Lab	LCS	11/9/2016	Pesticide	Heptachlor	n/a	=	0.0836	µg/L	EPA 608	0.0017	0.01			
2016/17-1	Lab	LCS, rec	11/9/2016	Pesticide	Heptachlor	n/a	=	84	%	EPA 608	-88	-88	31	130	
2016/17-1	Lab	LCS dup	11/9/2016	Pesticide	Heptachlor	n/a	=	0.0795	µg/L	EPA 608	0.0017	0.01			
2016/17-1	Lab	LCS dup, rec	11/9/2016	Pesticide	Heptachlor	n/a	=	80	%	EPA 608	-88	-88	31	130	
2016/17-1	Lab	LCS, RPD	11/9/2016	Pesticide	Heptachlor	n/a	=	5	%	EPA 608	-88	-88	0	30	
2016/17-1	Lab	method blank	11/11/2016	Pesticide	Heptachlor	n/a	<	0.0017	µg/L	EPA 608	0.0017	0.01			
2016/17-1	Lab	LCS	11/11/2016	Pesticide	Heptachlor	n/a	=	0.0766	µg/L	EPA 608	0.0017	0.01			
2016/17-1	Lab	LCS, rec	11/11/2016	Pesticide	Heptachlor	n/a	=	77	%	EPA 608	-88	-88	31	130	
2016/17-1	Lab	LCS dup	11/11/2016	Pesticide	Heptachlor	n/a	=	0.0731	µg/L	EPA 608	0.0017	0.01			
2016/17-1	Lab	LCS dup, rec	11/11/2016	Pesticide	Heptachlor	n/a	=	73	%	EPA 608	-88	-88	31	130	
2016/17-1	Lab	LCS, RPD	11/11/2016	Pesticide	Heptachlor	n/a	=	5	%	EPA 608	-88	-88	0	30	
2016/17-1	Lab	method blank	11/9/2016	Pesticide	Heptachlor epoxide	n/a	<	0.0019	µg/L	EPA 608	0.0019	0.01			
2016/17-1	Lab	LCS	11/9/2016	Pesticide	Heptachlor epoxide	n/a	=	0.0845	µg/L	EPA 608	0.0019	0.01			
2016/17-1	Lab	LCS, rec	11/9/2016	Pesticide	Heptachlor epoxide	n/a	=	84	%	EPA 608	-88	-88	49	122	
2016/17-1	Lab	LCS dup	11/9/2016	Pesticide	Heptachlor epoxide	n/a	=	0.0776	µg/L	EPA 608	0.0019	0.01			
2016/17-1	Lab	LCS dup, rec	11/9/2016	Pesticide	Heptachlor epoxide	n/a	=	78	%	EPA 608	-88	-88	49	122	
2016/17-1	Lab	LCS, RPD	11/9/2016	Pesticide	Heptachlor epoxide	n/a	=	8	%	EPA 608	-88	-88	0	30	
2016/17-1	Lab	method blank	11/11/2016	Pesticide	Heptachlor epoxide	n/a	<	0.0019	µg/L	EPA 608	0.0019	0.01			
2016/17-1	Lab	LCS	11/11/2016	Pesticide	Heptachlor epoxide	n/a	=	0.0732	µg/L	EPA 608	0.0019	0.01			
2016/17-1	Lab	LCS, rec	11/11/2016	Pesticide	Heptachlor epoxide	n/a	=	73	%	EPA 608	-88	-88	49	122	
2016/17-1	Lab	LCS dup	11/11/2016	Pesticide	Heptachlor epoxide	n/a	=	0.0687	µg/L	EPA 608	0.0019	0.01			
2016/17-1	Lab	LCS dup, rec	11/11/2016	Pesticide	Heptachlor epoxide	n/a	=	69	%	EPA 608	-88	-88	49	122	
2016/17-1	Lab	LCS, RPD	11/11/2016	Pesticide	Heptachlor epoxide	n/a	=	6	%	EPA 608	-88	-88	0	30	
2016/17-1	000NONPJ	matrix spike	11/8/2016	Pesticide	Malathion	n/a	=	0.0604	µg/L	EPA 525.2m	0.0076	0.01			
2016/17-1	000NONPJ	matrix spike, rec	11/8/2016	Pesticide	Malathion	n/a	=	121	%	EPA 525.2m	-88	-88	6	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	
2016/17-1	000NONPJ	matrix spike dup	11/8/2016	Pesticide	Malathion	n/a	=	0.0558	µg/L	EPA 525.2m	0.0076	0.01			
2016/17-1	000NONPJ	matrix spike dup, rec	11/8/2016	Pesticide	Malathion	n/a	=	112	%	EPA 525.2m	-88	-88	6	184	
2016/17-1	000NONPJ	matrix spike, RPD	11/8/2016	Pesticide	Malathion	n/a	=	8	%	EPA 525.2m	-88	-88	0	30	
2016/17-1	000NONPJ	matrix spike	11/15/2016	Pesticide	Malathion	n/a	=	0.0666	µg/L	EPA 525.2m	0.0076	0.01			
2016/17-1	000NONPJ	matrix spike, rec	11/15/2016	Pesticide	Malathion	n/a	=	133	%	EPA 525.2m	-88	-88	6	184	
2016/17-1	000NONPJ	matrix spike dup	11/15/2016	Pesticide	Malathion	n/a	=	0.0646	µg/L	EPA 525.2m	0.0076	0.01			
2016/17-1	000NONPJ	matrix spike dup, rec	11/15/2016	Pesticide	Malathion	n/a	=	129	%	EPA 525.2m	-88	-88	6	184	
2016/17-1	000NONPJ	matrix spike, RPD	11/15/2016	Pesticide	Malathion	n/a	=	3	%	EPA 525.2m	-88	-88	0	30	
2016/17-1	Lab	method blank	11/8/2016	Pesticide	Malathion	n/a	<	0.0076	µg/L	EPA 525.2m	0.0076	0.01			
2016/17-1	Lab	LCS	11/8/2016	Pesticide	Malathion	n/a	=	0.0473	µg/L	EPA 525.2m	0.0076	0.01			
2016/17-1	Lab	LCS, rec	11/8/2016	Pesticide	Malathion	n/a	=	95	%	EPA 525.2m	-88	-88	14	175	
2016/17-1	Lab	method blank	11/15/2016	Pesticide	Malathion	n/a	<	0.0076	µg/L	EPA 525.2m	0.0076	0.01			
2016/17-1	Lab	LCS	11/15/2016	Pesticide	Malathion	n/a	=	0.058	µg/L	EPA 525.2m	0.0076	0.01			
2016/17-1	Lab	LCS, rec	11/15/2016	Pesticide	Malathion	n/a	=	116	%	EPA 525.2m	-88	-88	14	175	
2016/17-1	000NONPJ	matrix spike	11/8/2016	Pesticide	Merphos	n/a	=	0.0476	µg/L	EPA 525.2m	0.0058	0.01			
2016/17-1	000NONPJ	matrix spike, rec	11/8/2016	Pesticide	Merphos	n/a	=	95	%	EPA 525.2m	-88	-88	3	210	
2016/17-1	000NONPJ	matrix spike dup	11/8/2016	Pesticide	Merphos	n/a	=	0.0453	µg/L	EPA 525.2m	0.0058	0.01			
2016/17-1	000NONPJ	matrix spike dup, rec	11/8/2016	Pesticide	Merphos	n/a	=	91	%	EPA 525.2m	-88	-88	3	210	
2016/17-1	000NONPJ	matrix spike, RPD	11/8/2016	Pesticide	Merphos	n/a	=	5	%	EPA 525.2m	-88	-88	0	30	
2016/17-1	000NONPJ	matrix spike	11/15/2016	Pesticide	Merphos	n/a	=	0.04	µg/L	EPA 525.2m	0.0058	0.01			
2016/17-1	000NONPJ	matrix spike, rec	11/15/2016	Pesticide	Merphos	n/a	=	80	%	EPA 525.2m	-88	-88	3	210	
2016/17-1	000NONPJ	matrix spike dup	11/15/2016	Pesticide	Merphos	n/a	=	0.0383	µg/L	EPA 525.2m	0.0058	0.01			
2016/17-1	000NONPJ	matrix spike dup, rec	11/15/2016	Pesticide	Merphos	n/a	=	77	%	EPA 525.2m	-88	-88	3	210	
2016/17-1	000NONPJ	matrix spike, RPD	11/15/2016	Pesticide	Merphos	n/a	=	4	%	EPA 525.2m	-88	-88	0	30	
2016/17-1	Lab	method blank	11/8/2016	Pesticide	Merphos	n/a	<	0.0058	µg/L	EPA 525.2m	0.0058	0.01			
2016/17-1	Lab	LCS	11/8/2016	Pesticide	Merphos	n/a	=	0.037	µg/L	EPA 525.2m	0.0058	0.01			
2016/17-1	Lab	LCS, rec	11/8/2016	Pesticide	Merphos	n/a	=	74	%	EPA 525.2m	-88	-88	28	181	
2016/17-1	Lab	method blank	11/15/2016	Pesticide	Merphos	n/a	<	0.0058	µg/L	EPA 525.2m	0.0058	0.01			
2016/17-1	Lab	LCS	11/15/2016	Pesticide	Merphos	n/a	=	0.046	µg/L	EPA 525.2m	0.0058	0.01			
2016/17-1	Lab	LCS, rec	11/15/2016	Pesticide	Merphos	n/a	=	92	%	EPA 525.2m	-88	-88	28	181	
2016/17-1	Lab	method blank	11/9/2016	Pesticide	Methoxychlor	n/a	<	0.0054	µg/L	EPA 608	0.0054	0.02			
2016/17-1	Lab	method blank	11/11/2016	Pesticide	Methoxychlor	n/a	<	0.0054	µg/L	EPA 608	0.0054	0.02			
2016/17-1	000NONPJ	matrix spike	11/8/2016	Pesticide	Methyl parathion	n/a	=	0.0744	µg/L	EPA 525.2m	0.0063	0.01			
2016/17-1	000NONPJ	matrix spike, rec	11/8/2016	Pesticide	Methyl parathion	n/a	=	149	%	EPA 525.2m	-88	-88	0.1	249	
2016/17-1	000NONPJ	matrix spike dup	11/8/2016	Pesticide	Methyl parathion	n/a	=	0.0691	µg/L	EPA 525.2m	0.0063	0.01			
2016/17-1	000NONPJ	matrix spike dup, rec	11/8/2016	Pesticide	Methyl parathion	n/a	=	138	%	EPA 525.2m	-88	-88	0.1	249	
2016/17-1	000NONPJ	matrix spike, RPD	11/8/2016	Pesticide	Methyl parathion	n/a	=	7	%	EPA 525.2m	-88	-88	0	30	
2016/17-1	000NONPJ	matrix spike	11/15/2016	Pesticide	Methyl parathion	n/a	=	0.0673	µg/L	EPA 525.2m	0.0063	0.01			
2016/17-1	000NONPJ	matrix spike, rec	11/15/2016	Pesticide	Methyl parathion	n/a	=	135	%	EPA 525.2m	-88	-88	0.1	249	
2016/17-1	000NONPJ	matrix spike dup	11/15/2016	Pesticide	Methyl parathion	n/a	=	0.0639	µg/L	EPA 525.2m	0.0063	0.01			
2016/17-1	000NONPJ	matrix spike dup, rec	11/15/2016	Pesticide	Methyl parathion	n/a	=	128	%	EPA 525.2m	-88	-88	0.1	249	
2016/17-1	000NONPJ	matrix spike, RPD	11/15/2016	Pesticide	Methyl parathion	n/a	=	5	%	EPA 525.2m	-88	-88	0	30	
2016/17-1	Lab	method blank	11/8/2016	Pesticide	Methyl parathion	n/a	<	0.0063	µg/L	EPA 525.2m	0.0063	0.01			
2016/17-1	Lab	LCS	11/8/2016	Pesticide	Methyl parathion	n/a	=	0.061	µg/L	EPA 525.2m	0.0063	0.01			
2016/17-1	Lab	LCS, rec	11/8/2016	Pesticide	Methyl parathion	n/a	=	122	%	EPA 525.2m	-88	-88	0.1	252	
2016/17-1	Lab	method blank	11/15/2016	Pesticide	Methyl parathion	n/a	<	0.0063	µg/L	EPA 525.2m	0.0063	0.01			
2016/17-1	Lab	LCS	11/15/2016	Pesticide	Methyl parathion	n/a	=	0.0595	µg/L	EPA 525.2m	0.0063	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	
2016/17-1	Lab	LCS, rec	11/15/2016	Pesticide	Methyl parathion	n/a	=	119	%	EPA 525.2m	-88	-88	0.1	252	
2016/17-1	Lab	method blank	11/11/2016	Pesticide	Metolachlor	n/a	<	0.012	µg/L	EPA 525.2	0.012	0.1			
2016/17-1	Lab	LCS	11/11/2016	Pesticide	Metolachlor	n/a	=	6.94	µg/L	EPA 525.2	0.012	0.1			EUM
2016/17-1	Lab	LCS, rec	11/11/2016	Pesticide	Metolachlor	n/a	=	139	%	EPA 525.2	-88	-88	61	123	EUM
2016/17-1	Lab	LCS dup	11/11/2016	Pesticide	Metolachlor	n/a	=	6.31	µg/L	EPA 525.2	0.012	0.1			EUM
2016/17-1	Lab	LCS dup, rec	11/11/2016	Pesticide	Metolachlor	n/a	=	126	%	EPA 525.2	-88	-88	61	123	EUM
2016/17-1	Lab	LCS, RPD	11/11/2016	Pesticide	Metolachlor	n/a	=	10	%	EPA 525.2	-88	-88	0	30	
2016/17-1	Lab	method blank	11/14/2016	Pesticide	Metolachlor	n/a	<	0.012	µg/L	EPA 525.2	0.012	0.1			
2016/17-1	Lab	LCS dup	11/14/2016	Pesticide	Metolachlor	n/a	=	8.2	µg/L	EPA 525.2	0.012	0.1			EUM
2016/17-1	Lab	LCS dup, rec	11/14/2016	Pesticide	Metolachlor	n/a	=	164	%	EPA 525.2	-88	-88	61	123	EUM
2016/17-1	Lab	LCS, RPD	11/14/2016	Pesticide	Metolachlor	n/a	=	11	%	EPA 525.2	-88	-88	0	30	
2016/17-1	Lab	LCS	11/14/2016	Pesticide	Metolachlor	n/a	=	7.38	µg/L	EPA 525.2	0.012	0.1			EUM
2016/17-1	Lab	LCS, rec	11/14/2016	Pesticide	Metolachlor	n/a	=	148	%	EPA 525.2	-88	-88	61	123	EUM
2016/17-1	Lab	method blank	11/11/2016	Pesticide	Metribuzin	n/a	<	0.015	µg/L	EPA 525.2	0.015	0.1			
2016/17-1	Lab	LCS	11/11/2016	Pesticide	Metribuzin	n/a	=	6.36	µg/L	EPA 525.2	0.015	0.1			EUM
2016/17-1	Lab	LCS, rec	11/11/2016	Pesticide	Metribuzin	n/a	=	127	%	EPA 525.2	-88	-88	50	121	EUM
2016/17-1	Lab	LCS dup	11/11/2016	Pesticide	Metribuzin	n/a	=	5.77	µg/L	EPA 525.2	0.015	0.1			
2016/17-1	Lab	LCS dup, rec	11/11/2016	Pesticide	Metribuzin	n/a	=	115	%	EPA 525.2	-88	-88	50	121	
2016/17-1	Lab	LCS, RPD	11/11/2016	Pesticide	Metribuzin	n/a	=	10	%	EPA 525.2	-88	-88	0	30	
2016/17-1	Lab	method blank	11/14/2016	Pesticide	Metribuzin	n/a	<	0.015	µg/L	EPA 525.2	0.015	0.1			
2016/17-1	Lab	LCS dup	11/14/2016	Pesticide	Metribuzin	n/a	=	7.19	µg/L	EPA 525.2	0.015	0.1			EUM
2016/17-1	Lab	LCS dup, rec	11/14/2016	Pesticide	Metribuzin	n/a	=	144	%	EPA 525.2	-88	-88	50	121	EUM
2016/17-1	Lab	LCS, RPD	11/14/2016	Pesticide	Metribuzin	n/a	=	9	%	EPA 525.2	-88	-88	0	30	
2016/17-1	Lab	LCS	11/14/2016	Pesticide	Metribuzin	n/a	=	6.56	µg/L	EPA 525.2	0.015	0.1			EUM
2016/17-1	Lab	LCS, rec	11/14/2016	Pesticide	Metribuzin	n/a	=	131	%	EPA 525.2	-88	-88	50	121	EUM
2016/17-1	000NONPJ	matrix spike	11/8/2016	Pesticide	Mevinphos	n/a	=	0.041	µg/L	EPA 525.2m	0.0042	0.01			
2016/17-1	000NONPJ	matrix spike, rec	11/8/2016	Pesticide	Mevinphos	n/a	=	82	%	EPA 525.2m	-88	-88	25	189	
2016/17-1	000NONPJ	matrix spike dup	11/8/2016	Pesticide	Mevinphos	n/a	=	0.0471	µg/L	EPA 525.2m	0.0042	0.01			
2016/17-1	000NONPJ	matrix spike dup, rec	11/8/2016	Pesticide	Mevinphos	n/a	=	94	%	EPA 525.2m	-88	-88	25	189	
2016/17-1	000NONPJ	matrix spike, RPD	11/8/2016	Pesticide	Mevinphos	n/a	=	14	%	EPA 525.2m	-88	-88	0	30	
2016/17-1	000NONPJ	matrix spike	11/15/2016	Pesticide	Mevinphos	n/a	=	0.0493	µg/L	EPA 525.2m	0.0042	0.01			
2016/17-1	000NONPJ	matrix spike, rec	11/15/2016	Pesticide	Mevinphos	n/a	=	99	%	EPA 525.2m	-88	-88	25	189	
2016/17-1	000NONPJ	matrix spike dup	11/15/2016	Pesticide	Mevinphos	n/a	=	0.0529	µg/L	EPA 525.2m	0.0042	0.01			
2016/17-1	000NONPJ	matrix spike dup, rec	11/15/2016	Pesticide	Mevinphos	n/a	=	106	%	EPA 525.2m	-88	-88	25	189	
2016/17-1	000NONPJ	matrix spike, RPD	11/15/2016	Pesticide	Mevinphos	n/a	=	7	%	EPA 525.2m	-88	-88	0	30	
2016/17-1	Lab	method blank	11/8/2016	Pesticide	Mevinphos	n/a	<	0.0042	µg/L	EPA 525.2m	0.0042	0.01			
2016/17-1	Lab	LCS	11/8/2016	Pesticide	Mevinphos	n/a	=	0.0379	µg/L	EPA 525.2m	0.0042	0.01			
2016/17-1	Lab	LCS, rec	11/8/2016	Pesticide	Mevinphos	n/a	=	76	%	EPA 525.2m	-88	-88	14	202	
2016/17-1	Lab	method blank	11/15/2016	Pesticide	Mevinphos	n/a	<	0.0042	µg/L	EPA 525.2m	0.0042	0.01			
2016/17-1	Lab	LCS	11/15/2016	Pesticide	Mevinphos	n/a	=	0.0406	µg/L	EPA 525.2m	0.0042	0.01			
2016/17-1	Lab	LCS, rec	11/15/2016	Pesticide	Mevinphos	n/a	=	81	%	EPA 525.2m	-88	-88	14	202	
2016/17-1	Lab	method blank	11/11/2016	Pesticide	Molinate	n/a	<	0.039	µg/L	EPA 525.2	0.039	0.1			
2016/17-1	Lab	LCS	11/11/2016	Pesticide	Molinate	n/a	=	6.12	µg/L	EPA 525.2	0.039	0.1			EUM
2016/17-1	Lab	LCS, rec	11/11/2016	Pesticide	Molinate	n/a	=	122	%	EPA 525.2	-88	-88	82	117	EUM
2016/17-1	Lab	LCS dup	11/11/2016	Pesticide	Molinate	n/a	=	6.15	µg/L	EPA 525.2	0.039	0.1			EUM
2016/17-1	Lab	LCS dup, rec	11/11/2016	Pesticide	Molinate	n/a	=	123	%	EPA 525.2	-88	-88	82	117	EUM
2016/17-1	Lab	LCS, RPD	11/11/2016	Pesticide	Molinate	n/a	=	0.5	%	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	
2016/17-1	Lab	method blank	11/14/2016	Pesticide	Molinate	n/a	<	0.039	µg/L	EPA 525.2	0.039	0.1			
2016/17-1	Lab	LCS dup	11/14/2016	Pesticide	Molinate	n/a	=	6.03	µg/L	EPA 525.2	0.039	0.1			EUM
2016/17-1	Lab	LCS dup, rec	11/14/2016	Pesticide	Molinate	n/a	=	121	%	EPA 525.2	-88	-88	82	117	EUM
2016/17-1	Lab	LCS, RPD	11/14/2016	Pesticide	Molinate	n/a	=	0.3	%	EPA 525.2	-88	-88	0	30	
2016/17-1	Lab	LCS	11/14/2016	Pesticide	Molinate	n/a	=	6.05	µg/L	EPA 525.2	0.039	0.1			EUM
2016/17-1	Lab	LCS, rec	11/14/2016	Pesticide	Molinate	n/a	=	121	%	EPA 525.2	-88	-88	82	117	EUM
2016/17-1	000NONPJ	matrix spike	11/8/2016	Pesticide	Naled	n/a	=	0.0109	µg/L	EPA 525.2m	0.0076	0.01			
2016/17-1	000NONPJ	matrix spike, rec	11/8/2016	Pesticide	Naled	n/a	=	22	%	EPA 525.2m	-88	-88	0.1	242	
2016/17-1	000NONPJ	matrix spike dup	11/8/2016	Pesticide	Naled	n/a	=	0.0116	µg/L	EPA 525.2m	0.0076	0.01			
2016/17-1	000NONPJ	matrix spike dup, rec	11/8/2016	Pesticide	Naled	n/a	=	23	%	EPA 525.2m	-88	-88	0.1	242	
2016/17-1	000NONPJ	matrix spike, RPD	11/8/2016	Pesticide	Naled	n/a	=	5	%	EPA 525.2m	-88	-88	0	30	
2016/17-1	000NONPJ	matrix spike	11/15/2016	Pesticide	Naled	n/a	=	0.0169	µg/L	EPA 525.2m	0.0076	0.01			
2016/17-1	000NONPJ	matrix spike, rec	11/15/2016	Pesticide	Naled	n/a	=	34	%	EPA 525.2m	-88	-88	0.1	242	
2016/17-1	000NONPJ	matrix spike dup	11/15/2016	Pesticide	Naled	n/a	=	0.0186	µg/L	EPA 525.2m	0.0076	0.01			
2016/17-1	000NONPJ	matrix spike dup, rec	11/15/2016	Pesticide	Naled	n/a	=	37	%	EPA 525.2m	-88	-88	0.1	242	
2016/17-1	000NONPJ	matrix spike, RPD	11/15/2016	Pesticide	Naled	n/a	=	10	%	EPA 525.2m	-88	-88	0	30	
2016/17-1	Lab	method blank	11/8/2016	Pesticide	Naled	n/a	<	0.0076	µg/L	EPA 525.2m	0.0076	0.01			
2016/17-1	Lab	LCS	11/8/2016	Pesticide	Naled	n/a	DNQ	0.0081	µg/L	EPA 525.2m	0.0076	0.01			
2016/17-1	Lab	LCS, rec	11/8/2016	Pesticide	Naled	n/a	=	16	%	EPA 525.2m	-88	-88	0.1	240	
2016/17-1	Lab	method blank	11/15/2016	Pesticide	Naled	n/a	<	0.0076	µg/L	EPA 525.2m	0.0076	0.01			
2016/17-1	Lab	LCS	11/15/2016	Pesticide	Naled	n/a	=	0.0119	µg/L	EPA 525.2m	0.0076	0.01			
2016/17-1	Lab	LCS, rec	11/15/2016	Pesticide	Naled	n/a	=	24	%	EPA 525.2m	-88	-88	0.1	240	
2016/17-1	000NONPJ	matrix spike	11/3/2016	Pesticide	Pentachlorophenol	n/a	=	3.55	µg/L	EPA 515.3	0.04	0.2			
2016/17-1	000NONPJ	matrix spike, rec	11/3/2016	Pesticide	Pentachlorophenol	n/a	=	89	%	EPA 515.3	-88	-88	70	130	
2016/17-1	000NONPJ	matrix spike dup	11/3/2016	Pesticide	Pentachlorophenol	n/a	=	3.68	µg/L	EPA 515.3	0.04	0.2			
2016/17-1	000NONPJ	matrix spike dup, rec	11/3/2016	Pesticide	Pentachlorophenol	n/a	=	92	%	EPA 515.3	-88	-88	70	130	
2016/17-1	000NONPJ	matrix spike, RPD	11/3/2016	Pesticide	Pentachlorophenol	n/a	=	4	%	EPA 515.3	-88	-88	0	30	
2016/17-1	000NONPJ	matrix spike	11/3/2016	Pesticide	Pentachlorophenol	n/a	=	3.55	µg/L	EPA 515.3	0.04	0.2			
2016/17-1	000NONPJ	matrix spike, rec	11/3/2016	Pesticide	Pentachlorophenol	n/a	=	89	%	EPA 515.3	-88	-88	70	130	
2016/17-1	000NONPJ	matrix spike dup	11/3/2016	Pesticide	Pentachlorophenol	n/a	=	3.68	µg/L	EPA 515.3	0.04	0.2			
2016/17-1	000NONPJ	matrix spike dup, rec	11/3/2016	Pesticide	Pentachlorophenol	n/a	=	92	%	EPA 515.3	-88	-88	70	130	
2016/17-1	000NONPJ	matrix spike, RPD	11/3/2016	Pesticide	Pentachlorophenol	n/a	=	4	%	EPA 515.3	-88	-88	0	30	
2016/17-1	Lab	method blank	11/3/2016	Pesticide	Pentachlorophenol	n/a	<	0.04	µg/L	EPA 515.3	0.04	0.2			
2016/17-1	Lab	LCS	11/3/2016	Pesticide	Pentachlorophenol	n/a	=	3.52	µg/L	EPA 515.3	0.04	0.2			
2016/17-1	Lab	LCS, rec	11/3/2016	Pesticide	Pentachlorophenol	n/a	=	88	%	EPA 515.3	-88	-88	70	130	
2016/17-1	Lab	method blank	11/15/2016	Pesticide	Pentachlorophenol	n/a	<	0.19	µg/L	EPA 625	0.19	1			
2016/17-1	Lab	LCS dup	11/15/2016	Pesticide	Pentachlorophenol	n/a	=	12.7	µg/L	EPA 625	0.19	1			
2016/17-1	Lab	LCS dup, rec	11/15/2016	Pesticide	Pentachlorophenol	n/a	=	51	%	EPA 625	-88	-88	14	176	
2016/17-1	Lab	LCS, RPD	11/15/2016	Pesticide	Pentachlorophenol	n/a	=	3	%	EPA 625	-88	-88	0	30	
2016/17-1	Lab	LCS	11/15/2016	Pesticide	Pentachlorophenol	n/a	=	12.3	µg/L	EPA 625	0.19	1			
2016/17-1	Lab	LCS, rec	11/15/2016	Pesticide	Pentachlorophenol	n/a	=	49	%	EPA 625	-88	-88	14	176	
2016/17-1	Lab	method blank	11/30/2016	Pesticide	Pentachlorophenol	n/a	<	0.15	µg/L	EPA 8270C	0.15	1			
2016/17-1	Lab	LCS	11/30/2016	Pesticide	Pentachlorophenol	n/a	=	10.5	µg/L	EPA 8270C	0.15	1			
2016/17-1	Lab	LCS, rec	11/30/2016	Pesticide	Pentachlorophenol	n/a	=	105	%	EPA 8270C	-88	-88	29	106	
2016/17-1	Lab	LCS dup	11/30/2016	Pesticide	Pentachlorophenol	n/a	=	12.5	µg/L	EPA 8270C	0.15	1			EUM
2016/17-1	Lab	LCS dup, rec	11/30/2016	Pesticide	Pentachlorophenol	n/a	=	125	%	EPA 8270C	-88	-88	29	106	EUM
2016/17-1	Lab	LCS, RPD	11/30/2016	Pesticide	Pentachlorophenol	n/a	=	17	%	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	
2016/17-1	000NONPJ	matrix spike	11/8/2016	Pesticide	Phorate	n/a	=	0.0543	µg/L	EPA 525.2m	0.003	0.01			
2016/17-1	000NONPJ	matrix spike, rec	11/8/2016	Pesticide	Phorate	n/a	=	109	%	EPA 525.2m	-88	-88	31	181	
2016/17-1	000NONPJ	matrix spike dup	11/8/2016	Pesticide	Phorate	n/a	=	0.0528	µg/L	EPA 525.2m	0.003	0.01			
2016/17-1	000NONPJ	matrix spike dup, rec	11/8/2016	Pesticide	Phorate	n/a	=	106	%	EPA 525.2m	-88	-88	31	181	
2016/17-1	000NONPJ	matrix spike, RPD	11/8/2016	Pesticide	Phorate	n/a	=	3	%	EPA 525.2m	-88	-88	0	30	
2016/17-1	000NONPJ	matrix spike	11/15/2016	Pesticide	Phorate	n/a	=	0.057	µg/L	EPA 525.2m	0.003	0.01			
2016/17-1	000NONPJ	matrix spike, rec	11/15/2016	Pesticide	Phorate	n/a	=	114	%	EPA 525.2m	-88	-88	31	181	
2016/17-1	000NONPJ	matrix spike dup	11/15/2016	Pesticide	Phorate	n/a	=	0.0567	µg/L	EPA 525.2m	0.003	0.01			
2016/17-1	000NONPJ	matrix spike dup, rec	11/15/2016	Pesticide	Phorate	n/a	=	113	%	EPA 525.2m	-88	-88	31	181	
2016/17-1	000NONPJ	matrix spike, RPD	11/15/2016	Pesticide	Phorate	n/a	=	0.5	%	EPA 525.2m	-88	-88	0	30	
2016/17-1	Lab	method blank	11/8/2016	Pesticide	Phorate	n/a	<	0.003	µg/L	EPA 525.2m	0.003	0.01			
2016/17-1	Lab	LCS	11/8/2016	Pesticide	Phorate	n/a	=	0.0448	µg/L	EPA 525.2m	0.003	0.01			
2016/17-1	Lab	LCS, rec	11/8/2016	Pesticide	Phorate	n/a	=	90	%	EPA 525.2m	-88	-88	26	180	
2016/17-1	Lab	method blank	11/15/2016	Pesticide	Phorate	n/a	<	0.003	µg/L	EPA 525.2m	0.003	0.01			
2016/17-1	Lab	LCS	11/15/2016	Pesticide	Phorate	n/a	=	0.0481	µg/L	EPA 525.2m	0.003	0.01			
2016/17-1	Lab	LCS, rec	11/15/2016	Pesticide	Phorate	n/a	=	96	%	EPA 525.2m	-88	-88	26	180	
2016/17-1	000NONPJ	matrix spike	11/3/2016	Pesticide	Picloram	n/a	=	4.78	µg/L	EPA 515.3	0.05	0.6			
2016/17-1	000NONPJ	matrix spike, rec	11/3/2016	Pesticide	Picloram	n/a	=	119	%	EPA 515.3	-88	-88	70	130	
2016/17-1	000NONPJ	matrix spike dup	11/3/2016	Pesticide	Picloram	n/a	=	4.61	µg/L	EPA 515.3	0.05	0.6			
2016/17-1	000NONPJ	matrix spike dup, rec	11/3/2016	Pesticide	Picloram	n/a	=	115	%	EPA 515.3	-88	-88	70	130	
2016/17-1	000NONPJ	matrix spike, RPD	11/3/2016	Pesticide	Picloram	n/a	=	4	%	EPA 515.3	-88	-88	0	30	
2016/17-1	000NONPJ	matrix spike	11/3/2016	Pesticide	Picloram	n/a	=	4.47	µg/L	EPA 515.3	0.05	0.6			
2016/17-1	000NONPJ	matrix spike, rec	11/3/2016	Pesticide	Picloram	n/a	=	112	%	EPA 515.3	-88	-88	70	130	
2016/17-1	000NONPJ	matrix spike dup	11/3/2016	Pesticide	Picloram	n/a	=	4.57	µg/L	EPA 515.3	0.05	0.6			
2016/17-1	000NONPJ	matrix spike dup, rec	11/3/2016	Pesticide	Picloram	n/a	=	114	%	EPA 515.3	-88	-88	70	130	
2016/17-1	000NONPJ	matrix spike, RPD	11/3/2016	Pesticide	Picloram	n/a	=	2	%	EPA 515.3	-88	-88	0	30	
2016/17-1	Lab	method blank	11/3/2016	Pesticide	Picloram	n/a	<	0.05	µg/L	EPA 515.3	0.05	0.6			
2016/17-1	Lab	LCS	11/3/2016	Pesticide	Picloram	n/a	=	4.45	µg/L	EPA 515.3	0.05	0.6			
2016/17-1	Lab	LCS, rec	11/3/2016	Pesticide	Picloram	n/a	=	111	%	EPA 515.3	-88	-88	70	130	
2016/17-1	Lab	method blank	11/11/2016	Pesticide	Prometon	n/a	<	0.024	µg/L	EPA 525.2	0.024	0.2			
2016/17-1	Lab	LCS	11/11/2016	Pesticide	Prometon	n/a	=	4.22	µg/L	EPA 525.2	0.024	0.2			
2016/17-1	Lab	LCS, rec	11/11/2016	Pesticide	Prometon	n/a	=	84	%	EPA 525.2	-88	-88	17	101	
2016/17-1	Lab	LCS dup	11/11/2016	Pesticide	Prometon	n/a	=	1.68	µg/L	EPA 525.2	0.024	0.2			
2016/17-1	Lab	LCS dup, rec	11/11/2016	Pesticide	Prometon	n/a	=	34	%	EPA 525.2	-88	-88	17	101	
2016/17-1	Lab	LCS, RPD	11/11/2016	Pesticide	Prometon	n/a	=	86	%	EPA 525.2	-88	-88	0	30	IL
2016/17-1	Lab	method blank	11/14/2016	Pesticide	Prometon	n/a	<	0.024	µg/L	EPA 525.2	0.024	0.2			
2016/17-1	Lab	LCS dup	11/14/2016	Pesticide	Prometon	n/a	=	5.08	µg/L	EPA 525.2	0.024	0.2			EUM
2016/17-1	Lab	LCS dup, rec	11/14/2016	Pesticide	Prometon	n/a	=	102	%	EPA 525.2	-88	-88	17	101	EUM
2016/17-1	Lab	LCS, RPD	11/14/2016	Pesticide	Prometon	n/a	=	91	%	EPA 525.2	-88	-88	0	30	IL
2016/17-1	Lab	LCS	11/14/2016	Pesticide	Prometon	n/a	=	1.91	µg/L	EPA 525.2	0.024	0.2			
2016/17-1	Lab	LCS, rec	11/14/2016	Pesticide	Prometon	n/a	=	38	%	EPA 525.2	-88	-88	17	101	
2016/17-1	Lab	method blank	11/11/2016	Pesticide	Prometryn	n/a	<	0.036	µg/L	EPA 525.2	0.036	0.1			
2016/17-1	Lab	LCS	11/11/2016	Pesticide	Prometryn	n/a	=	5.92	µg/L	EPA 525.2	0.036	0.1			
2016/17-1	Lab	LCS, rec	11/11/2016	Pesticide	Prometryn	n/a	=	118	%	EPA 525.2	-88	-88	57	122	
2016/17-1	Lab	LCS dup	11/11/2016	Pesticide	Prometryn	n/a	=	3.98	µg/L	EPA 525.2	0.036	0.1			
2016/17-1	Lab	LCS dup, rec	11/11/2016	Pesticide	Prometryn	n/a	=	80	%	EPA 525.2	-88	-88	57	122	
2016/17-1	Lab	LCS, RPD	11/11/2016	Pesticide	Prometryn	n/a	=	39	%	EPA 525.2	-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	
2016/17-1	Lab	method blank	11/14/2016	Pesticide	Prometryn	n/a	<	0.036	µg/L	EPA 525.2	0.036	0.1			
2016/17-1	Lab	LCS dup	11/14/2016	Pesticide	Prometryn	n/a	=	7.01	µg/L	EPA 525.2	0.036	0.1			EUM
2016/17-1	Lab	LCS dup, rec	11/14/2016	Pesticide	Prometryn	n/a	=	140	%	EPA 525.2	-88	-88	57	122	EUM
2016/17-1	Lab	LCS, RPD	11/14/2016	Pesticide	Prometryn	n/a	=	45	%	EPA 525.2	-88	-88	0	30	IL
2016/17-1	Lab	LCS	11/14/2016	Pesticide	Prometryn	n/a	=	4.44	µg/L	EPA 525.2	0.036	0.1			
2016/17-1	Lab	LCS, rec	11/14/2016	Pesticide	Prometryn	n/a	=	89	%	EPA 525.2	-88	-88	57	122	
2016/17-1	000NONPJ	matrix spike	11/8/2016	Pesticide	Ronnel (Fenchlorphos)	n/a	=	0.0632	µg/L	EPA 525.2m	0.0041	0.01			
2016/17-1	000NONPJ	matrix spike, rec	11/8/2016	Pesticide	Ronnel (Fenchlorphos)	n/a	=	126	%	EPA 525.2m	-88	-88	29	153	
2016/17-1	000NONPJ	matrix spike dup	11/8/2016	Pesticide	Ronnel (Fenchlorphos)	n/a	=	0.0631	µg/L	EPA 525.2m	0.0041	0.01			
2016/17-1	000NONPJ	matrix spike dup, rec	11/8/2016	Pesticide	Ronnel (Fenchlorphos)	n/a	=	126	%	EPA 525.2m	-88	-88	29	153	
2016/17-1	000NONPJ	matrix spike, RPD	11/8/2016	Pesticide	Ronnel (Fenchlorphos)	n/a	=	0.09	%	EPA 525.2m	-88	-88	0	30	
2016/17-1	000NONPJ	matrix spike	11/15/2016	Pesticide	Ronnel (Fenchlorphos)	n/a	=	0.0672	µg/L	EPA 525.2m	0.0041	0.01			
2016/17-1	000NONPJ	matrix spike, rec	11/15/2016	Pesticide	Ronnel (Fenchlorphos)	n/a	=	134	%	EPA 525.2m	-88	-88	29	153	
2016/17-1	000NONPJ	matrix spike dup	11/15/2016	Pesticide	Ronnel (Fenchlorphos)	n/a	=	0.0644	µg/L	EPA 525.2m	0.0041	0.01			
2016/17-1	000NONPJ	matrix spike dup, rec	11/15/2016	Pesticide	Ronnel (Fenchlorphos)	n/a	=	129	%	EPA 525.2m	-88	-88	29	153	
2016/17-1	000NONPJ	matrix spike, RPD	11/15/2016	Pesticide	Ronnel (Fenchlorphos)	n/a	=	4	%	EPA 525.2m	-88	-88	0	30	
2016/17-1	Lab	method blank	11/8/2016	Pesticide	Ronnel (Fenchlorphos)	n/a	<	0.0041	µg/L	EPA 525.2m	0.0041	0.01			
2016/17-1	Lab	LCS	11/8/2016	Pesticide	Ronnel (Fenchlorphos)	n/a	=	0.0528	µg/L	EPA 525.2m	0.0041	0.01			
2016/17-1	Lab	LCS, rec	11/8/2016	Pesticide	Ronnel (Fenchlorphos)	n/a	=	106	%	EPA 525.2m	-88	-88	34	154	
2016/17-1	Lab	method blank	11/15/2016	Pesticide	Ronnel (Fenchlorphos)	n/a	<	0.0041	µg/L	EPA 525.2m	0.0041	0.01			
2016/17-1	Lab	LCS	11/15/2016	Pesticide	Ronnel (Fenchlorphos)	n/a	=	0.0597	µg/L	EPA 525.2m	0.0041	0.01			
2016/17-1	Lab	LCS, rec	11/15/2016	Pesticide	Ronnel (Fenchlorphos)	n/a	=	119	%	EPA 525.2m	-88	-88	34	154	
2016/17-1	Lab	method blank	11/11/2016	Pesticide	Simazine	n/a	<	0.015	µg/L	EPA 525.2	0.015	0.1			
2016/17-1	Lab	LCS	11/11/2016	Pesticide	Simazine	n/a	=	6.53	µg/L	EPA 525.2	0.015	0.1			EUM
2016/17-1	Lab	LCS, rec	11/11/2016	Pesticide	Simazine	n/a	=	131	%	EPA 525.2	-88	-88	53	116	EUM
2016/17-1	Lab	LCS dup	11/11/2016	Pesticide	Simazine	n/a	=	5.99	µg/L	EPA 525.2	0.015	0.1			EUM
2016/17-1	Lab	LCS dup, rec	11/11/2016	Pesticide	Simazine	n/a	=	120	%	EPA 525.2	-88	-88	53	116	EUM
2016/17-1	Lab	LCS, RPD	11/11/2016	Pesticide	Simazine	n/a	=	9	%	EPA 525.2	-88	-88	0	30	
2016/17-1	Lab	method blank	11/14/2016	Pesticide	Simazine	n/a	<	0.015	µg/L	EPA 525.2	0.015	0.1			
2016/17-1	Lab	LCS dup	11/14/2016	Pesticide	Simazine	n/a	=	7.4	µg/L	EPA 525.2	0.015	0.1			EUM
2016/17-1	Lab	LCS dup, rec	11/14/2016	Pesticide	Simazine	n/a	=	148	%	EPA 525.2	-88	-88	53	116	EUM
2016/17-1	Lab	LCS, RPD	11/14/2016	Pesticide	Simazine	n/a	=	12	%	EPA 525.2	-88	-88	0	30	
2016/17-1	Lab	LCS	11/14/2016	Pesticide	Simazine	n/a	=	6.58	µg/L	EPA 525.2	0.015	0.1			EUM
2016/17-1	Lab	LCS, rec	11/14/2016	Pesticide	Simazine	n/a	=	132	%	EPA 525.2	-88	-88	53	116	EUM
2016/17-1	000NONPJ	matrix spike	11/8/2016	Pesticide	Stirophos (Tetrachlorvinphos)	n/a	=	0.0548	µg/L	EPA 525.2m	0.0031	0.01			
2016/17-1	000NONPJ	matrix spike, rec	11/8/2016	Pesticide	Stirophos (Tetrachlorvinphos)	n/a	=	110	%	EPA 525.2m	-88	-88	0.1	167	
2016/17-1	000NONPJ	matrix spike dup	11/8/2016	Pesticide	Stirophos (Tetrachlorvinphos)	n/a	=	0.0539	µg/L	EPA 525.2m	0.0031	0.01			
2016/17-1	000NONPJ	matrix spike dup, rec	11/8/2016	Pesticide	Stirophos (Tetrachlorvinphos)	n/a	=	108	%	EPA 525.2m	-88	-88	0.1	167	
2016/17-1	000NONPJ	matrix spike, RPD	11/8/2016	Pesticide	Stirophos (Tetrachlorvinphos)	n/a	=	2	%	EPA 525.2m	-88	-88	0	30	
2016/17-1	000NONPJ	matrix spike	11/15/2016	Pesticide	Stirophos (Tetrachlorvinphos)	n/a	=	0.0578	µg/L	EPA 525.2m	0.0031	0.01			
2016/17-1	000NONPJ	matrix spike, rec	11/15/2016	Pesticide	Stirophos (Tetrachlorvinphos)	n/a	=	116	%	EPA 525.2m	-88	-88	0.1	167	
2016/17-1	000NONPJ	matrix spike dup	11/15/2016	Pesticide	Stirophos (Tetrachlorvinphos)	n/a	=	0.0564	µg/L	EPA 525.2m	0.0031	0.01			
2016/17-1	000NONPJ	matrix spike dup, rec	11/15/2016	Pesticide	Stirophos (Tetrachlorvinphos)	n/a	=	113	%	EPA 525.2m	-88	-88	0.1	167	
2016/17-1	000NONPJ	matrix spike, RPD	11/15/2016	Pesticide	Stirophos (Tetrachlorvinphos)	n/a	=	3	%	EPA 525.2m	-88	-88	0	30	
2016/17-1	Lab	method blank	11/8/2016	Pesticide	Stirophos (Tetrachlorvinphos)	n/a	<	0.0031	µg/L	EPA 525.2m	0.0031	0.01			
2016/17-1	Lab	LCS	11/8/2016	Pesticide	Stirophos (Tetrachlorvinphos)	n/a	=	0.044	µg/L	EPA 525.2m	0.0031	0.01			
2016/17-1	Lab	LCS, rec	11/8/2016	Pesticide	Stirophos (Tetrachlorvinphos)	n/a	=	88	%	EPA 525.2m	-88	-88	0.1	188	

Appendix F
Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2016/17-1	Lab	method blank	11/15/2016	Pesticide	Stirophos (Tetrachlorvinphos)	n/a	<	0.0031	µg/L	EPA 525.2m	0.0031	0.01			
2016/17-1	Lab	LCS	11/15/2016	Pesticide	Stirophos (Tetrachlorvinphos)	n/a	=	0.0483	µg/L	EPA 525.2m	0.0031	0.01			
2016/17-1	Lab	LCS, rec	11/15/2016	Pesticide	Stirophos (Tetrachlorvinphos)	n/a	=	97	%	EPA 525.2m	-88	-88	0.1	188	
2016/17-1	Lab	method blank	11/11/2016	Pesticide	Terbacil	n/a	<	0.55	µg/L	EPA 525.2	0.55	2			
2016/17-1	Lab	LCS	11/11/2016	Pesticide	Terbacil	n/a	=	5.59	µg/L	EPA 525.2	0.55	2			
2016/17-1	Lab	LCS, rec	11/11/2016	Pesticide	Terbacil	n/a	=	112	%	EPA 525.2	-88	-88	70	135	
2016/17-1	Lab	LCS dup	11/11/2016	Pesticide	Terbacil	n/a	=	5.88	µg/L	EPA 525.2	0.55	2			
2016/17-1	Lab	LCS dup, rec	11/11/2016	Pesticide	Terbacil	n/a	=	118	%	EPA 525.2	-88	-88	70	135	
2016/17-1	Lab	LCS, RPD	11/11/2016	Pesticide	Terbacil	n/a	=	5	%	EPA 525.2	-88	-88	0	30	
2016/17-1	Lab	method blank	11/14/2016	Pesticide	Terbacil	n/a	<	0.55	µg/L	EPA 525.2	0.55	2			
2016/17-1	Lab	LCS dup	11/14/2016	Pesticide	Terbacil	n/a	=	5.16	µg/L	EPA 525.2	0.55	2			
2016/17-1	Lab	LCS dup, rec	11/14/2016	Pesticide	Terbacil	n/a	=	103	%	EPA 525.2	-88	-88	70	135	
2016/17-1	Lab	LCS, RPD	11/14/2016	Pesticide	Terbacil	n/a	=	2	%	EPA 525.2	-88	-88	0	30	
2016/17-1	Lab	LCS	11/14/2016	Pesticide	Terbacil	n/a	=	5.29	µg/L	EPA 525.2	0.55	2			
2016/17-1	Lab	LCS, rec	11/14/2016	Pesticide	Terbacil	n/a	=	106	%	EPA 525.2	-88	-88	70	135	
2016/17-1	Lab	method blank	11/11/2016	Pesticide	Thiobencarb	n/a	<	0.025	µg/L	EPA 525.2	0.025	0.2			
2016/17-1	Lab	LCS	11/11/2016	Pesticide	Thiobencarb	n/a	=	6.07	µg/L	EPA 525.2	0.025	0.2			
2016/17-1	Lab	LCS, rec	11/11/2016	Pesticide	Thiobencarb	n/a	=	121	%	EPA 525.2	-88	-88	56	125	
2016/17-1	Lab	LCS dup	11/11/2016	Pesticide	Thiobencarb	n/a	=	5.6	µg/L	EPA 525.2	0.025	0.2			
2016/17-1	Lab	LCS dup, rec	11/11/2016	Pesticide	Thiobencarb	n/a	=	112	%	EPA 525.2	-88	-88	56	125	
2016/17-1	Lab	LCS, RPD	11/11/2016	Pesticide	Thiobencarb	n/a	=	8	%	EPA 525.2	-88	-88	0	30	
2016/17-1	Lab	method blank	11/14/2016	Pesticide	Thiobencarb	n/a	<	0.025	µg/L	EPA 525.2	0.025	0.2			
2016/17-1	Lab	LCS dup	11/14/2016	Pesticide	Thiobencarb	n/a	=	6.7	µg/L	EPA 525.2	0.025	0.2			EUM
2016/17-1	Lab	LCS dup, rec	11/14/2016	Pesticide	Thiobencarb	n/a	=	134	%	EPA 525.2	-88	-88	56	125	EUM
2016/17-1	Lab	LCS, RPD	11/14/2016	Pesticide	Thiobencarb	n/a	=	6	%	EPA 525.2	-88	-88	0	30	
2016/17-1	Lab	LCS	11/14/2016	Pesticide	Thiobencarb	n/a	=	6.3	µg/L	EPA 525.2	0.025	0.2			EUM
2016/17-1	Lab	LCS, rec	11/14/2016	Pesticide	Thiobencarb	n/a	=	126	%	EPA 525.2	-88	-88	56	125	EUM
2016/17-1	000NONPJ	matrix spike	11/8/2016	Pesticide	Tokuthion	n/a	=	0.051	µg/L	EPA 525.2m	0.0078	0.01			
2016/17-1	000NONPJ	matrix spike, rec	11/8/2016	Pesticide	Tokuthion	n/a	=	102	%	EPA 525.2m	-88	-88	27	160	
2016/17-1	000NONPJ	matrix spike dup	11/8/2016	Pesticide	Tokuthion	n/a	=	0.0477	µg/L	EPA 525.2m	0.0078	0.01			
2016/17-1	000NONPJ	matrix spike dup, rec	11/8/2016	Pesticide	Tokuthion	n/a	=	95	%	EPA 525.2m	-88	-88	27	160	
2016/17-1	000NONPJ	matrix spike, RPD	11/8/2016	Pesticide	Tokuthion	n/a	=	7	%	EPA 525.2m	-88	-88	0	30	
2016/17-1	000NONPJ	matrix spike	11/15/2016	Pesticide	Tokuthion	n/a	=	0.0385	µg/L	EPA 525.2m	0.0078	0.01			
2016/17-1	000NONPJ	matrix spike, rec	11/15/2016	Pesticide	Tokuthion	n/a	=	77	%	EPA 525.2m	-88	-88	27	160	
2016/17-1	000NONPJ	matrix spike dup	11/15/2016	Pesticide	Tokuthion	n/a	=	0.0393	µg/L	EPA 525.2m	0.0078	0.01			
2016/17-1	000NONPJ	matrix spike dup, rec	11/15/2016	Pesticide	Tokuthion	n/a	=	79	%	EPA 525.2m	-88	-88	27	160	
2016/17-1	000NONPJ	matrix spike, RPD	11/15/2016	Pesticide	Tokuthion	n/a	=	2	%	EPA 525.2m	-88	-88	0	30	
2016/17-1	Lab	method blank	11/8/2016	Pesticide	Tokuthion	n/a	<	0.0078	µg/L	EPA 525.2m	0.0078	0.01			
2016/17-1	Lab	LCS	11/8/2016	Pesticide	Tokuthion	n/a	=	0.041	µg/L	EPA 525.2m	0.0078	0.01			
2016/17-1	Lab	LCS, rec	11/8/2016	Pesticide	Tokuthion	n/a	=	82	%	EPA 525.2m	-88	-88	23	159	
2016/17-1	Lab	method blank	11/15/2016	Pesticide	Tokuthion	n/a	<	0.0078	µg/L	EPA 525.2m	0.0078	0.01			
2016/17-1	Lab	LCS	11/15/2016	Pesticide	Tokuthion	n/a	=	0.0412	µg/L	EPA 525.2m	0.0078	0.01			
2016/17-1	Lab	LCS, rec	11/15/2016	Pesticide	Tokuthion	n/a	=	82	%	EPA 525.2m	-88	-88	23	159	
2016/17-1	Lab	method blank	11/9/2016	Pesticide	Toxaphene	n/a	<	0.12	µg/L	EPA 608	0.12	0.5			
2016/17-1	Lab	method blank	11/11/2016	Pesticide	Toxaphene	n/a	<	0.12	µg/L	EPA 608	0.12	0.5			
2016/17-1	000NONPJ	matrix spike	11/8/2016	Pesticide	Trichloronate	n/a	=	0.0705	µg/L	EPA 525.2m	0.0067	0.01			
2016/17-1	000NONPJ	matrix spike, rec	11/8/2016	Pesticide	Trichloronate	n/a	=	141	%	EPA 525.2m	-88	-88	40	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	
2016/17-1	000NONPJ	matrix spike dup	11/8/2016	Pesticide	Trichloronate	n/a	=	0.0675	µg/L	EPA 525.2m	0.0067	0.01			
2016/17-1	000NONPJ	matrix spike dup, rec	11/8/2016	Pesticide	Trichloronate	n/a	=	135	%	EPA 525.2m	-88	-88	40	150	
2016/17-1	000NONPJ	matrix spike, RPD	11/8/2016	Pesticide	Trichloronate	n/a	=	4	%	EPA 525.2m	-88	-88	0	30	
2016/17-1	000NONPJ	matrix spike	11/15/2016	Pesticide	Trichloronate	n/a	=	0.0705	µg/L	EPA 525.2m	0.0067	0.01			
2016/17-1	000NONPJ	matrix spike, rec	11/15/2016	Pesticide	Trichloronate	n/a	=	141	%	EPA 525.2m	-88	-88	40	150	
2016/17-1	000NONPJ	matrix spike dup	11/15/2016	Pesticide	Trichloronate	n/a	=	0.0661	µg/L	EPA 525.2m	0.0067	0.01			
2016/17-1	000NONPJ	matrix spike dup, rec	11/15/2016	Pesticide	Trichloronate	n/a	=	132	%	EPA 525.2m	-88	-88	40	150	
2016/17-1	000NONPJ	matrix spike, RPD	11/15/2016	Pesticide	Trichloronate	n/a	=	6	%	EPA 525.2m	-88	-88	0	30	
2016/17-1	Lab	method blank	11/8/2016	Pesticide	Trichloronate	n/a	<	0.0067	µg/L	EPA 525.2m	0.0067	0.01			
2016/17-1	Lab	LCS	11/8/2016	Pesticide	Trichloronate	n/a	=	0.058	µg/L	EPA 525.2m	0.0067	0.01			
2016/17-1	Lab	LCS, rec	11/8/2016	Pesticide	Trichloronate	n/a	=	116	%	EPA 525.2m	-88	-88	34	153	
2016/17-1	Lab	method blank	11/15/2016	Pesticide	Trichloronate	n/a	<	0.0067	µg/L	EPA 525.2m	0.0067	0.01			
2016/17-1	Lab	LCS	11/15/2016	Pesticide	Trichloronate	n/a	=	0.0623	µg/L	EPA 525.2m	0.0067	0.01			
2016/17-1	Lab	LCS, rec	11/15/2016	Pesticide	Trichloronate	n/a	=	125	%	EPA 525.2m	-88	-88	34	153	
2016/17-1	Lab	method blank	11/11/2016	Pesticide	Trithion	n/a	<	0.012	µg/L	EPA 525.2	0.012	0.1			
2016/17-1	Lab	LCS	11/11/2016	Pesticide	Trithion	n/a	=	5.41	µg/L	EPA 525.2	0.012	0.1			
2016/17-1	Lab	LCS, rec	11/11/2016	Pesticide	Trithion	n/a	=	108	%	EPA 525.2	-88	-88	60	124	
2016/17-1	Lab	LCS dup	11/11/2016	Pesticide	Trithion	n/a	=	5.64	µg/L	EPA 525.2	0.012	0.1			
2016/17-1	Lab	LCS dup, rec	11/11/2016	Pesticide	Trithion	n/a	=	113	%	EPA 525.2	-88	-88	60	124	
2016/17-1	Lab	LCS, RPD	11/11/2016	Pesticide	Trithion	n/a	=	4	%	EPA 525.2	-88	-88	0	30	
2016/17-1	Lab	method blank	11/14/2016	Pesticide	Trithion	n/a	<	0.012	µg/L	EPA 525.2	0.012	0.1			
2016/17-1	Lab	LCS dup	11/14/2016	Pesticide	Trithion	n/a	=	5.56	µg/L	EPA 525.2	0.012	0.1			
2016/17-1	Lab	LCS dup, rec	11/14/2016	Pesticide	Trithion	n/a	=	111	%	EPA 525.2	-88	-88	60	124	
2016/17-1	Lab	LCS, RPD	11/14/2016	Pesticide	Trithion	n/a	=	1	%	EPA 525.2	-88	-88	0	30	
2016/17-1	Lab	LCS	11/14/2016	Pesticide	Trithion	n/a	=	5.64	µg/L	EPA 525.2	0.012	0.1			
2016/17-1	Lab	LCS, rec	11/14/2016	Pesticide	Trithion	n/a	=	113	%	EPA 525.2	-88	-88	60	124	
2016/17-2	000NONPJ	matrix spike	12/10/2016	Anion	Chloride	n/a	=	172	mg/L	EPA 300.0	1	5			
2016/17-2	000NONPJ	matrix spike	12/10/2016	Anion	Chloride	n/a	=	373	mg/L	EPA 300.0	1	5			GB
2016/17-2	000NONPJ	matrix spike dup	12/10/2016	Anion	Chloride	n/a	=	172	mg/L	EPA 300.0	1	5			
2016/17-2	000NONPJ	matrix spike dup	12/10/2016	Anion	Chloride	n/a	=	375	mg/L	EPA 300.0	1	5			GB
2016/17-2	000NONPJ	matrix spike dup, rec	12/10/2016	Anion	Chloride	n/a	=	82	%	EPA 300.0	-88	-88	76	118	
2016/17-2	000NONPJ	matrix spike dup, rec	12/10/2016	Anion	Chloride	n/a	=	59	%	EPA 300.0	-88	-88	76	118	GB
2016/17-2	000NONPJ	matrix spike, rec	12/10/2016	Anion	Chloride	n/a	=	56	%	EPA 300.0	-88	-88	76	118	GB
2016/17-2	000NONPJ	matrix spike, rec	12/10/2016	Anion	Chloride	n/a	=	82	%	EPA 300.0	-88	-88	76	118	
2016/17-2	000NONPJ	matrix spike, RPD	12/10/2016	Anion	Chloride	n/a	=	0.1	%	EPA 300.0	-88	-88	0	20	
2016/17-2	000NONPJ	matrix spike, RPD	12/10/2016	Anion	Chloride	n/a	=	0.5	%	EPA 300.0	-88	-88	0	20	
2016/17-2	Lab	LCS	12/10/2016	Anion	Chloride	n/a	=	2.42	mg/L	EPA 300.0	0.1	0.5			
2016/17-2	Lab	LCS, rec	12/10/2016	Anion	Chloride	n/a	=	97	%	EPA 300.0	-88	-88	90	110	
2016/17-2	Lab	method blank	12/10/2016	Anion	Chloride	n/a	<	0.1	mg/L	EPA 300.0	0.1	0.5			
2016/17-2	000NONPJ	matrix spike	12/10/2016	Anion	Fluoride	n/a	=	8.25	mg/L	EPA 300.0	0.2	1			GB
2016/17-2	000NONPJ	matrix spike	12/10/2016	Anion	Fluoride	n/a	=	8.87	mg/L	EPA 300.0	0.2	1			
2016/17-2	000NONPJ	matrix spike dup	12/10/2016	Anion	Fluoride	n/a	=	8.74	mg/L	EPA 300.0	0.2	1			
2016/17-2	000NONPJ	matrix spike dup	12/10/2016	Anion	Fluoride	n/a	=	8.13	mg/L	EPA 300.0	0.2	1			GB
2016/17-2	000NONPJ	matrix spike dup, rec	12/10/2016	Anion	Fluoride	n/a	=	87	%	EPA 300.0	-88	-88	86	107	
2016/17-2	000NONPJ	matrix spike dup, rec	12/10/2016	Anion	Fluoride	n/a	=	79	%	EPA 300.0	-88	-88	86	107	GB
2016/17-2	000NONPJ	matrix spike, rec	12/10/2016	Anion	Fluoride	n/a	=	89	%	EPA 300.0	-88	-88	86	107	
2016/17-2	000NONPJ	matrix spike, rec	12/10/2016	Anion	Fluoride	n/a	=	80	%	EPA 300.0	-88	-88	86	107	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	
2016/17-2	000NONPJ	matrix spike, RPD	12/10/2016	Anion	Fluoride	n/a	=	1	%	EPA 300.0	-88	-88	0	20	
2016/17-2	000NONPJ	matrix spike, RPD	12/10/2016	Anion	Fluoride	n/a	=	1	%	EPA 300.0	-88	-88	0	20	
2016/17-2	Lab	LCS	12/10/2016	Anion	Fluoride	n/a	=	0.492	mg/L	EPA 300.0	0.02	0.1			
2016/17-2	Lab	LCS, rec	12/10/2016	Anion	Fluoride	n/a	=	98	%	EPA 300.0	-88	-88	90	110	
2016/17-2	Lab	method blank	12/10/2016	Anion	Fluoride	n/a	<	0.02	mg/L	EPA 300.0	0.02	0.1			
2016/17-2	000NONPJ	matrix spike	12/12/2016	Anion	Perchlorate	n/a	=	13.1	µg/L	EPA 314.0	0.95	2			GB
2016/17-2	000NONPJ	matrix spike, rec	12/12/2016	Anion	Perchlorate	n/a	=	121	%	EPA 314.0	-88	-88	80	120	GB
2016/17-2	000NONPJ	matrix spike dup	12/12/2016	Anion	Perchlorate	n/a	=	11.9	µg/L	EPA 314.0	0.95	2			
2016/17-2	000NONPJ	matrix spike dup, rec	12/12/2016	Anion	Perchlorate	n/a	=	108	%	EPA 314.0	-88	-88	80	120	
2016/17-2	000NONPJ	matrix spike, RPD	12/12/2016	Anion	Perchlorate	n/a	=	10	%	EPA 314.0	-88	-88	0	15	
2016/17-2	Lab	method blank	12/12/2016	Anion	Perchlorate	n/a	<	0.95	µg/L	EPA 314.0	0.95	2			
2016/17-2	Lab	LCS	12/12/2016	Anion	Perchlorate	n/a	=	9.4	µg/L	EPA 314.0	0.95	2			
2016/17-2	Lab	LCS, rec	12/12/2016	Anion	Perchlorate	n/a	=	94	%	EPA 314.0	-88	-88	85	115	
2016/17-2	000NONPJ	matrix spike	12/10/2016	Anion	Sulfate	Total	=	131	mg/L	EPA 300.0	1	5			
2016/17-2	000NONPJ	matrix spike	12/10/2016	Anion	Sulfate	Total	=	645	mg/L	EPA 300.0	1	5			GB
2016/17-2	000NONPJ	matrix spike dup	12/10/2016	Anion	Sulfate	Total	=	131	mg/L	EPA 300.0	1	5			
2016/17-2	000NONPJ	matrix spike dup	12/10/2016	Anion	Sulfate	Total	=	646	mg/L	EPA 300.0	1	5			GB
2016/17-2	000NONPJ	matrix spike dup, rec	12/10/2016	Anion	Sulfate	Total	=	96	%	EPA 300.0	-88	-88	78	111	
2016/17-2	000NONPJ	matrix spike dup, rec	12/10/2016	Anion	Sulfate	Total	=	28	%	EPA 300.0	-88	-88	78	111	GB
2016/17-2	000NONPJ	matrix spike, rec	12/10/2016	Anion	Sulfate	Total	=	96	%	EPA 300.0	-88	-88	78	111	
2016/17-2	000NONPJ	matrix spike, rec	12/10/2016	Anion	Sulfate	Total	=	26	%	EPA 300.0	-88	-88	78	111	GB
2016/17-2	000NONPJ	matrix spike, RPD	12/10/2016	Anion	Sulfate	Total	=	0.2	%	EPA 300.0	-88	-88	0	20	
2016/17-2	000NONPJ	matrix spike, RPD	12/10/2016	Anion	Sulfate	Total	=	0.2	%	EPA 300.0	-88	-88	0	20	
2016/17-2	Lab	LCS	12/10/2016	Anion	Sulfate	Total	=	2.43	mg/L	EPA 300.0	0.1	0.5			
2016/17-2	Lab	LCS, rec	12/10/2016	Anion	Sulfate	Total	=	97	%	EPA 300.0	-88	-88	90	110	
2016/17-2	Lab	method blank	12/10/2016	Anion	Sulfate	Total	<	0.1	mg/L	EPA 300.0	0.1	0.5			
2016/17-2	MO-SPA	field blank	11/21/2016	Bacteriological	E. Coli	n/a	<	10	MPN/100 mL	MMO-MUG	10	10	-88	10	
2016/17-2	MO-SPA	field blank	11/23/2016	Bacteriological	Fecal Coliform	n/a	<	2	MPN/100 mL	SM 9221 E	2	2	-88	2	
2016/17-2	MO-SPA	field blank	11/21/2016	Bacteriological	Total Coliform	n/a	<	10	MPN/100 mL	MMO-MUG	10	10	-88	10	
2016/17-2	000NONPJ	matrix spike	12/7/2016	Cation	Calcium	Total	=	64	mg/L	EPA 200.7	0.032	0.2			
2016/17-2	000NONPJ	matrix spike, rec	12/7/2016	Cation	Calcium	Total	=	100	%	EPA 200.7	-88	-88	70	130	
2016/17-2	000NONPJ	matrix spike dup	12/7/2016	Cation	Calcium	Total	=	61.3	mg/L	EPA 200.7	0.032	0.2			
2016/17-2	000NONPJ	matrix spike dup, rec	12/7/2016	Cation	Calcium	Total	=	94	%	EPA 200.7	-88	-88	70	130	
2016/17-2	000NONPJ	matrix spike, RPD	12/7/2016	Cation	Calcium	Total	=	4	%	EPA 200.7	-88	-88	0	30	
2016/17-2	000NONPJ	matrix spike	12/7/2016	Cation	Calcium	Total	=	53.7	mg/L	EPA 200.7	0.032	0.2			
2016/17-2	000NONPJ	matrix spike, rec	12/7/2016	Cation	Calcium	Total	=	96	%	EPA 200.7	-88	-88	70	130	
2016/17-2	000NONPJ	matrix spike dup	12/7/2016	Cation	Calcium	Total	=	54.3	mg/L	EPA 200.7	0.032	0.2			
2016/17-2	000NONPJ	matrix spike dup, rec	12/7/2016	Cation	Calcium	Total	=	97	%	EPA 200.7	-88	-88	70	130	
2016/17-2	000NONPJ	matrix spike, RPD	12/7/2016	Cation	Calcium	Total	=	1	%	EPA 200.7	-88	-88	0	30	
2016/17-2	Lab	method blank	12/2/2016	Cation	Calcium	Total	<	0.016	mg/L	EPA 200.7	0.016	0.1			
2016/17-2	Lab	LCS	12/2/2016	Cation	Calcium	Total	=	48.1	mg/L	EPA 200.7	0.016	0.1			
2016/17-2	Lab	LCS, rec	12/2/2016	Cation	Calcium	Total	=	96	%	EPA 200.7	-88	-88	85	115	
2016/17-2	Lab	method blank	12/7/2016	Cation	Calcium	Total	<	0.016	mg/L	EPA 200.7	0.016	0.1			
2016/17-2	Lab	LCS	12/7/2016	Cation	Calcium	Total	=	46.1	mg/L	EPA 200.7	0.016	0.1			
2016/17-2	Lab	LCS, rec	12/7/2016	Cation	Calcium	Total	=	92	%	EPA 200.7	-88	-88	85	115	
2016/17-2	ME-CC	matrix spike	12/2/2016	Cation	Calcium	Total	=	98.2	mg/L	EPA 200.7	0.016	0.1			
2016/17-2	ME-CC	matrix spike, rec	12/2/2016	Cation	Calcium	Total	=	91	%	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	
2016/17-2	ME-CC	matrix spike dup	12/2/2016	Cation	Calcium	Total	=	98.1	mg/L	EPA 200.7	0.016	0.1			
2016/17-2	ME-CC	matrix spike dup, rec	12/2/2016	Cation	Calcium	Total	=	90	%	EPA 200.7	-88	-88	70	130	
2016/17-2	ME-CC	matrix spike, RPD	12/2/2016	Cation	Calcium	Total	=	0.09	%	EPA 200.7	-88	-88	0	30	
2016/17-2	MO-MEI	matrix spike	12/2/2016	Cation	Calcium	Total	=	59	mg/L	EPA 200.7	0.016	0.1			
2016/17-2	MO-MEI	matrix spike, rec	12/2/2016	Cation	Calcium	Total	=	97	%	EPA 200.7	-88	-88	70	130	
2016/17-2	MO-MEI	matrix spike dup	12/2/2016	Cation	Calcium	Total	=	57.5	mg/L	EPA 200.7	0.016	0.1			
2016/17-2	MO-MEI	matrix spike dup, rec	12/2/2016	Cation	Calcium	Total	=	94	%	EPA 200.7	-88	-88	70	130	
2016/17-2	MO-MEI	matrix spike, RPD	12/2/2016	Cation	Calcium	Total	=	3	%	EPA 200.7	-88	-88	0	30	
2016/17-2	000NONPJ	matrix spike	12/7/2016	Cation	Magnesium	Total	=	58.8	mg/L	EPA 200.7	0.024	0.2			
2016/17-2	000NONPJ	matrix spike, rec	12/7/2016	Cation	Magnesium	Total	=	102	%	EPA 200.7	-88	-88	70	130	
2016/17-2	000NONPJ	matrix spike dup	12/7/2016	Cation	Magnesium	Total	=	56.5	mg/L	EPA 200.7	0.024	0.2			
2016/17-2	000NONPJ	matrix spike dup, rec	12/7/2016	Cation	Magnesium	Total	=	98	%	EPA 200.7	-88	-88	70	130	
2016/17-2	000NONPJ	matrix spike, RPD	12/7/2016	Cation	Magnesium	Total	=	4	%	EPA 200.7	-88	-88	0	30	
2016/17-2	000NONPJ	matrix spike	12/7/2016	Cation	Magnesium	Total	=	51.3	mg/L	EPA 200.7	0.024	0.2			
2016/17-2	000NONPJ	matrix spike, rec	12/7/2016	Cation	Magnesium	Total	=	98	%	EPA 200.7	-88	-88	70	130	
2016/17-2	000NONPJ	matrix spike dup	12/7/2016	Cation	Magnesium	Total	=	52.2	mg/L	EPA 200.7	0.024	0.2			
2016/17-2	000NONPJ	matrix spike dup, rec	12/7/2016	Cation	Magnesium	Total	=	100	%	EPA 200.7	-88	-88	70	130	
2016/17-2	000NONPJ	matrix spike, RPD	12/7/2016	Cation	Magnesium	Total	=	2	%	EPA 200.7	-88	-88	0	30	
2016/17-2	Lab	method blank	12/2/2016	Cation	Magnesium	Total	<	0.012	mg/L	EPA 200.7	0.012	0.1			
2016/17-2	Lab	LCS	12/2/2016	Cation	Magnesium	Total	=	49.8	mg/L	EPA 200.7	0.012	0.1			
2016/17-2	Lab	LCS, rec	12/2/2016	Cation	Magnesium	Total	=	99	%	EPA 200.7	-88	-88	85	115	
2016/17-2	Lab	method blank	12/7/2016	Cation	Magnesium	Total	<	0.012	mg/L	EPA 200.7	0.012	0.1			
2016/17-2	Lab	LCS	12/7/2016	Cation	Magnesium	Total	=	47.6	mg/L	EPA 200.7	0.012	0.1			
2016/17-2	Lab	LCS, rec	12/7/2016	Cation	Magnesium	Total	=	95	%	EPA 200.7	-88	-88	85	115	
2016/17-2	ME-CC	matrix spike	12/2/2016	Cation	Magnesium	Total	=	81.7	mg/L	EPA 200.7	0.012	0.1			
2016/17-2	ME-CC	matrix spike, rec	12/2/2016	Cation	Magnesium	Total	=	99	%	EPA 200.7	-88	-88	70	130	
2016/17-2	ME-CC	matrix spike dup	12/2/2016	Cation	Magnesium	Total	=	81.5	mg/L	EPA 200.7	0.012	0.1			
2016/17-2	ME-CC	matrix spike dup, rec	12/2/2016	Cation	Magnesium	Total	=	99	%	EPA 200.7	-88	-88	70	130	
2016/17-2	ME-CC	matrix spike, RPD	12/2/2016	Cation	Magnesium	Total	=	0.2	%	EPA 200.7	-88	-88	0	30	
2016/17-2	MO-MEI	matrix spike	12/2/2016	Cation	Magnesium	Total	=	53.6	mg/L	EPA 200.7	0.012	0.1			
2016/17-2	MO-MEI	matrix spike, rec	12/2/2016	Cation	Magnesium	Total	=	101	%	EPA 200.7	-88	-88	70	130	
2016/17-2	MO-MEI	matrix spike dup	12/2/2016	Cation	Magnesium	Total	=	52.3	mg/L	EPA 200.7	0.012	0.1			
2016/17-2	MO-MEI	matrix spike dup, rec	12/2/2016	Cation	Magnesium	Total	=	98	%	EPA 200.7	-88	-88	70	130	
2016/17-2	MO-MEI	matrix spike, RPD	12/2/2016	Cation	Magnesium	Total	=	2	%	EPA 200.7	-88	-88	0	30	
2016/17-2	000NONPJ	matrix spike	12/7/2016	Cation	Potassium	Total	=	62.8	mg/L	EPA 200.7	0.16	0.2			
2016/17-2	000NONPJ	matrix spike, rec	12/7/2016	Cation	Potassium	Total	=	108	%	EPA 200.7	-88	-88	70	130	
2016/17-2	000NONPJ	matrix spike dup	12/7/2016	Cation	Potassium	Total	=	61.1	mg/L	EPA 200.7	0.16	0.2			
2016/17-2	000NONPJ	matrix spike dup, rec	12/7/2016	Cation	Potassium	Total	=	105	%	EPA 200.7	-88	-88	70	130	
2016/17-2	000NONPJ	matrix spike, RPD	12/7/2016	Cation	Potassium	Total	=	3	%	EPA 200.7	-88	-88	0	30	
2016/17-2	000NONPJ	matrix spike	12/7/2016	Cation	Potassium	Total	=	56.5	mg/L	EPA 200.7	0.16	0.2			
2016/17-2	000NONPJ	matrix spike, rec	12/7/2016	Cation	Potassium	Total	=	105	%	EPA 200.7	-88	-88	70	130	
2016/17-2	000NONPJ	matrix spike dup	12/7/2016	Cation	Potassium	Total	=	57.5	mg/L	EPA 200.7	0.16	0.2			
2016/17-2	000NONPJ	matrix spike dup, rec	12/7/2016	Cation	Potassium	Total	=	107	%	EPA 200.7	-88	-88	70	130	
2016/17-2	000NONPJ	matrix spike, RPD	12/7/2016	Cation	Potassium	Total	=	2	%	EPA 200.7	-88	-88	0	30	
2016/17-2	Lab	method blank	12/2/2016	Cation	Potassium	Total	<	0.081	mg/L	EPA 200.7	0.081	0.1			
2016/17-2	Lab	LCS	12/2/2016	Cation	Potassium	Total	=	50.6	mg/L	EPA 200.7	0.081	0.1			
2016/17-2	Lab	LCS, rec	12/2/2016	Cation	Potassium	Total	=	101	%	EPA 200.7	-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	
2016/17-2	Lab	method blank	12/7/2016	Cation	Potassium	Total	<	0.081	mg/L	EPA 200.7	0.081	0.1			
2016/17-2	Lab	LCS	12/7/2016	Cation	Potassium	Total	=	48.7	mg/L	EPA 200.7	0.081	0.1			
2016/17-2	Lab	LCS, rec	12/7/2016	Cation	Potassium	Total	=	97	%	EPA 200.7	-88	-88	85	115	
2016/17-2	ME-CC	matrix spike	12/2/2016	Cation	Potassium	Total	=	71.1	mg/L	EPA 200.7	0.081	0.1			
2016/17-2	ME-CC	matrix spike, rec	12/2/2016	Cation	Potassium	Total	=	105	%	EPA 200.7	-88	-88	70	130	
2016/17-2	ME-CC	matrix spike dup	12/2/2016	Cation	Potassium	Total	=	70.9	mg/L	EPA 200.7	0.081	0.1			
2016/17-2	ME-CC	matrix spike dup, rec	12/2/2016	Cation	Potassium	Total	=	105	%	EPA 200.7	-88	-88	70	130	
2016/17-2	ME-CC	matrix spike, RPD	12/2/2016	Cation	Potassium	Total	=	0.3	%	EPA 200.7	-88	-88	0	30	
2016/17-2	MO-MEI	matrix spike	12/2/2016	Cation	Potassium	Total	=	58	mg/L	EPA 200.7	0.081	0.1			
2016/17-2	MO-MEI	matrix spike, rec	12/2/2016	Cation	Potassium	Total	=	103	%	EPA 200.7	-88	-88	70	130	
2016/17-2	MO-MEI	matrix spike dup	12/2/2016	Cation	Potassium	Total	=	56.9	mg/L	EPA 200.7	0.081	0.1			
2016/17-2	MO-MEI	matrix spike dup, rec	12/2/2016	Cation	Potassium	Total	=	100	%	EPA 200.7	-88	-88	70	130	
2016/17-2	MO-MEI	matrix spike, RPD	12/2/2016	Cation	Potassium	Total	=	2	%	EPA 200.7	-88	-88	0	30	
2016/17-2	000NONPJ	matrix spike	12/7/2016	Cation	Sodium	Total	=	332	mg/L	EPA 200.7	0.03	1			
2016/17-2	000NONPJ	matrix spike, rec	12/7/2016	Cation	Sodium	Total	=	102	%	EPA 200.7	-88	-88	70	130	
2016/17-2	000NONPJ	matrix spike dup	12/7/2016	Cation	Sodium	Total	=	324	mg/L	EPA 200.7	0.03	1			
2016/17-2	000NONPJ	matrix spike dup, rec	12/7/2016	Cation	Sodium	Total	=	86	%	EPA 200.7	-88	-88	70	130	
2016/17-2	000NONPJ	matrix spike, RPD	12/7/2016	Cation	Sodium	Total	=	2	%	EPA 200.7	-88	-88	0	30	
2016/17-2	000NONPJ	matrix spike	12/7/2016	Cation	Sodium	Total	=	333	mg/L	EPA 200.7	0.03	1			
2016/17-2	000NONPJ	matrix spike, rec	12/7/2016	Cation	Sodium	Total	=	104	%	EPA 200.7	-88	-88	70	130	
2016/17-2	000NONPJ	matrix spike dup	12/7/2016	Cation	Sodium	Total	=	334	mg/L	EPA 200.7	0.03	1			
2016/17-2	000NONPJ	matrix spike dup, rec	12/7/2016	Cation	Sodium	Total	=	106	%	EPA 200.7	-88	-88	70	130	
2016/17-2	000NONPJ	matrix spike, RPD	12/7/2016	Cation	Sodium	Total	=	0.3	%	EPA 200.7	-88	-88	0	30	
2016/17-2	Lab	method blank	12/2/2016	Cation	Sodium	Total	DNQ	0.0171	mg/L	EPA 200.7	0.015	0.5			IP
2016/17-2	Lab	LCS	12/2/2016	Cation	Sodium	Total	=	47.1	mg/L	EPA 200.7	0.015	0.5			
2016/17-2	Lab	LCS, rec	12/2/2016	Cation	Sodium	Total	=	94	%	EPA 200.7	-88	-88	85	115	
2016/17-2	Lab	method blank	12/7/2016	Cation	Sodium	Total	DNQ	0.0784	mg/L	EPA 200.7	0.015	0.5			IP
2016/17-2	Lab	LCS	12/7/2016	Cation	Sodium	Total	=	45.2	mg/L	EPA 200.7	0.015	0.5			
2016/17-2	Lab	LCS, rec	12/7/2016	Cation	Sodium	Total	=	90	%	EPA 200.7	-88	-88	85	115	
2016/17-2	ME-CC	matrix spike	12/2/2016	Cation	Sodium	Total	=	172	mg/L	EPA 200.7	0.015	0.5			
2016/17-2	ME-CC	matrix spike, rec	12/2/2016	Cation	Sodium	Total	=	88	%	EPA 200.7	-88	-88	70	130	
2016/17-2	ME-CC	matrix spike dup	12/2/2016	Cation	Sodium	Total	=	172	mg/L	EPA 200.7	0.015	0.5			
2016/17-2	ME-CC	matrix spike dup, rec	12/2/2016	Cation	Sodium	Total	=	89	%	EPA 200.7	-88	-88	70	130	
2016/17-2	ME-CC	matrix spike, RPD	12/2/2016	Cation	Sodium	Total	=	0.1	%	EPA 200.7	-88	-88	0	30	
2016/17-2	MO-MEI	matrix spike	12/2/2016	Cation	Sodium	Total	=	52	mg/L	EPA 200.7	0.015	0.5			
2016/17-2	MO-MEI	matrix spike, rec	12/2/2016	Cation	Sodium	Total	=	95	%	EPA 200.7	-88	-88	70	130	
2016/17-2	MO-MEI	matrix spike dup	12/2/2016	Cation	Sodium	Total	=	51	mg/L	EPA 200.7	0.015	0.5			
2016/17-2	MO-MEI	matrix spike dup, rec	12/2/2016	Cation	Sodium	Total	=	93	%	EPA 200.7	-88	-88	70	130	
2016/17-2	MO-MEI	matrix spike, RPD	12/2/2016	Cation	Sodium	Total	=	2	%	EPA 200.7	-88	-88	0	30	
2016/17-2	000NONPJ	lab duplicate	11/30/2016	Conventional	Alkalinity as CaCO3	n/a	=	40.1	mg/L	SM 2320 B	0.56	2		15	
2016/17-2	000NONPJ	lab duplicate	11/30/2016	Conventional	Alkalinity as CaCO3	n/a	=	159	mg/L	SM 2320 B	0.56	10		15	
2016/17-2	000NONPJ	lab duplicate	12/3/2016	Conventional	Alkalinity as CaCO3	n/a	=	345	mg/L	SM 2320 B	0.56	10		15	
2016/17-2	Lab	LCS	11/30/2016	Conventional	Alkalinity as CaCO3	n/a	=	257	mg/L	SM 2320 B	0.56	2			
2016/17-2	Lab	LCS, rec	11/30/2016	Conventional	Alkalinity as CaCO3	n/a	=	103	%	SM 2320 B	-88	-88	94	108	
2016/17-2	Lab	method blank	11/30/2016	Conventional	Alkalinity as CaCO3	n/a	DNQ	1.47	mg/L	SM 2320 B	0.56	2			IP
2016/17-2	Lab	LCS	11/30/2016	Conventional	Alkalinity as CaCO3	n/a	=	256	mg/L	SM 2320 B	0.56	10			
2016/17-2	Lab	LCS, rec	11/30/2016	Conventional	Alkalinity as CaCO3	n/a	=	102	%	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	
2016/17-2	Lab	method blank	11/30/2016	Conventional	Alkalinity as CaCO3	n/a	DNQ	3.49	mg/L	SM 2320 B	0.56	10			IP
2016/17-2	Lab	LCS	12/3/2016	Conventional	Alkalinity as CaCO3	n/a	=	255	mg/L	SM 2320 B	0.56	10			
2016/17-2	Lab	LCS, rec	12/3/2016	Conventional	Alkalinity as CaCO3	n/a	=	102	%	SM 2320 B	-88	-88	94	108	
2016/17-2	Lab	method blank	12/3/2016	Conventional	Alkalinity as CaCO3	n/a	DNQ	3.59	mg/L	SM 2320 B	0.56	10			IP
2016/17-2	Lab	LCS	12/3/2016	Conventional	Alkalinity as CaCO3	n/a	=	254	mg/L	SM 2320 B	0.56	2			
2016/17-2	Lab	LCS, rec	12/3/2016	Conventional	Alkalinity as CaCO3	n/a	=	102	%	SM 2320 B	-88	-88	94	108	
2016/17-2	Lab	method blank	12/3/2016	Conventional	Alkalinity as CaCO3	n/a	DNQ	1.47	mg/L	SM 2320 B	0.56	2			IP
2016/17-2	MO-OXN	lab duplicate	12/3/2016	Conventional	Alkalinity as CaCO3	n/a	=	34.2	mg/L	SM 2320 B	0.56	2		15	
2016/17-2	000NONPJ	lab duplicate	11/27/2016	Conventional	BOD	n/a	=	7.62	mg/L	SM 5210 B	2	2		20	
2016/17-2	Lab	LCS	11/27/2016	Conventional	BOD	n/a	=	185	mg/L	SM 5210 B	2	2			
2016/17-2	Lab	LCS, rec	11/27/2016	Conventional	BOD	n/a	=	93	%	SM 5210 B	-88	-88	85	115	
2016/17-2	000NONPJ	lab duplicate	12/1/2016	Conventional	COD	n/a	=	1910	mg/L	EPA 410.4	2.9	20		15	
2016/17-2	000NONPJ	matrix spike	12/1/2016	Conventional	COD	n/a	=	2500	mg/L	EPA 410.4	1.5	10			
2016/17-2	000NONPJ	matrix spike dup	12/1/2016	Conventional	COD	n/a	=	2490	mg/L	EPA 410.4	1.5	10			
2016/17-2	000NONPJ	matrix spike dup, rec	12/1/2016	Conventional	COD	n/a	=	103	%	EPA 410.4	-88	-88	90	110	
2016/17-2	000NONPJ	matrix spike, rec	12/1/2016	Conventional	COD	n/a	=	103	%	EPA 410.4	-88	-88	90	110	
2016/17-2	000NONPJ	matrix spike, RPD	12/1/2016	Conventional	COD	n/a	=	0.09	%	EPA 410.4	-88	-88	0	15	
2016/17-2	000NONPJ	matrix spike	12/2/2016	Conventional	COD	n/a	=	4990	mg/L	EPA 410.4	2.9	20			
2016/17-2	000NONPJ	matrix spike dup	12/2/2016	Conventional	COD	n/a	=	4970	mg/L	EPA 410.4	2.9	20			
2016/17-2	000NONPJ	matrix spike dup, rec	12/2/2016	Conventional	COD	n/a	=	100	%	EPA 410.4	-88	-88	90	110	
2016/17-2	000NONPJ	matrix spike, rec	12/2/2016	Conventional	COD	n/a	=	101	%	EPA 410.4	-88	-88	90	110	
2016/17-2	000NONPJ	matrix spike, RPD	12/2/2016	Conventional	COD	n/a	=	0.6	%	EPA 410.4	-88	-88	0	15	
2016/17-2	000NONPJ	lab duplicate	12/2/2016	Conventional	COD	n/a	=	1610	mg/L	EPA 410.4	2.9	20		15	
2016/17-2	000NONPJ	matrix spike	12/2/2016	Conventional	COD	n/a	=	2610	mg/L	EPA 410.4	1.5	10			
2016/17-2	000NONPJ	matrix spike	12/2/2016	Conventional	COD	n/a	=	2240	mg/L	EPA 410.4	1.5	10			
2016/17-2	000NONPJ	matrix spike dup	12/2/2016	Conventional	COD	n/a	=	2600	mg/L	EPA 410.4	1.5	10			
2016/17-2	000NONPJ	matrix spike dup	12/2/2016	Conventional	COD	n/a	=	2270	mg/L	EPA 410.4	1.5	10			
2016/17-2	000NONPJ	matrix spike dup, rec	12/2/2016	Conventional	COD	n/a	=	97	%	EPA 410.4	-88	-88	90	110	
2016/17-2	000NONPJ	matrix spike dup, rec	12/2/2016	Conventional	COD	n/a	=	99	%	EPA 410.4	-88	-88	90	110	
2016/17-2	000NONPJ	matrix spike, rec	12/2/2016	Conventional	COD	n/a	=	98	%	EPA 410.4	-88	-88	90	110	
2016/17-2	000NONPJ	matrix spike, rec	12/2/2016	Conventional	COD	n/a	=	98	%	EPA 410.4	-88	-88	90	110	
2016/17-2	000NONPJ	matrix spike, RPD	12/2/2016	Conventional	COD	n/a	=	0.4	%	EPA 410.4	-88	-88	0	15	
2016/17-2	000NONPJ	matrix spike, RPD	12/2/2016	Conventional	COD	n/a	=	1	%	EPA 410.4	-88	-88	0	15	
2016/17-2	Lab	LCS	12/1/2016	Conventional	COD	n/a	=	1030	mg/L	EPA 410.4	0.73	5			
2016/17-2	Lab	LCS, rec	12/1/2016	Conventional	COD	n/a	=	103	%	EPA 410.4	-88	-88	90	110	
2016/17-2	Lab	method blank	12/1/2016	Conventional	COD	n/a	<	0.73	mg/L	EPA 410.4	0.73	5			
2016/17-2	Lab	LCS	12/2/2016	Conventional	COD	n/a	=	1030	mg/L	EPA 410.4	0.73	5			
2016/17-2	Lab	LCS, rec	12/2/2016	Conventional	COD	n/a	=	103	%	EPA 410.4	-88	-88	90	110	
2016/17-2	Lab	method blank	12/2/2016	Conventional	COD	n/a	<	0.73	mg/L	EPA 410.4	0.73	5			
2016/17-2	000NONPJ	matrix spike	12/2/2016	Conventional	Cyanide	Total	=	0.0496	mg/L	ASTM D7511	0.0005	0.002			
2016/17-2	000NONPJ	matrix spike	12/2/2016	Conventional	Cyanide	Total	=	0.0485	mg/L	ASTM D7511	0.0005	0.002			
2016/17-2	000NONPJ	matrix spike dup	12/2/2016	Conventional	Cyanide	Total	=	0.0487	mg/L	ASTM D7511	0.0005	0.002			
2016/17-2	000NONPJ	matrix spike dup	12/2/2016	Conventional	Cyanide	Total	=	0.0491	mg/L	ASTM D7511	0.0005	0.002			
2016/17-2	000NONPJ	matrix spike dup, rec	12/2/2016	Conventional	Cyanide	Total	=	98	%	ASTM D7511	-88	-88	64	136	
2016/17-2	000NONPJ	matrix spike dup, rec	12/2/2016	Conventional	Cyanide	Total	=	97	%	ASTM D7511	-88	-88	64	136	
2016/17-2	000NONPJ	matrix spike, rec	12/2/2016	Conventional	Cyanide	Total	=	99	%	ASTM D7511	-88	-88	64	136	
2016/17-2	000NONPJ	matrix spike, rec	12/2/2016	Conventional	Cyanide	Total	=	97	%	ASTM D7511	-88	-88	64	136	

Appendix F
Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2016/17-2	000NONPJ	matrix spike, RPD	12/2/2016	Conventional	Cyanide	Total	=	1	%	ASTM D7511	-88	-88	0	47	
2016/17-2	000NONPJ	matrix spike, RPD	12/2/2016	Conventional	Cyanide	Total	=	0.2	%	ASTM D7511	-88	-88	0	47	
2016/17-2	Lab	LCS	12/2/2016	Conventional	Cyanide	Total	=	0.0474	mg/L	ASTM D7511	0.0005	0.002			
2016/17-2	Lab	LCS	12/2/2016	Conventional	Cyanide	Total	=	0.0489	mg/L	ASTM D7511	0.0005	0.002			
2016/17-2	Lab	LCS dup	12/2/2016	Conventional	Cyanide	Total	=	0.0487	mg/L	ASTM D7511	0.0005	0.002			
2016/17-2	Lab	LCS dup, rec	12/2/2016	Conventional	Cyanide	Total	=	97	%	ASTM D7511	-88	-88	84	116	
2016/17-2	Lab	LCS, rec	12/2/2016	Conventional	Cyanide	Total	=	95	%	ASTM D7511	-88	-88	84	116	
2016/17-2	Lab	LCS, rec	12/2/2016	Conventional	Cyanide	Total	=	98	%	ASTM D7511	-88	-88	84	116	
2016/17-2	Lab	LCS, RPD	12/2/2016	Conventional	Cyanide	Total	=	3	%	ASTM D7511	-88	-88	0	12	
2016/17-2	Lab	method blank	12/2/2016	Conventional	Cyanide	Total	<	0.0005	mg/L	ASTM D7511	0.0005	0.002			
2016/17-2	Lab	method blank	12/2/2016	Conventional	Cyanide	Total	<	0.0005	mg/L	ASTM D7511	0.0005	0.002			
2016/17-2	MO-SIM	matrix spike	12/2/2016	Conventional	Cyanide	Total	=	0.0488	mg/L	ASTM D7511	0.0005	0.002			
2016/17-2	MO-SIM	matrix spike dup	12/2/2016	Conventional	Cyanide	Total	=	0.0498	mg/L	ASTM D7511	0.0005	0.002			
2016/17-2	MO-SIM	matrix spike dup, rec	12/2/2016	Conventional	Cyanide	Total	=	98	%	ASTM D7511	-88	-88	64	136	
2016/17-2	MO-SIM	matrix spike, rec	12/2/2016	Conventional	Cyanide	Total	=	96	%	ASTM D7511	-88	-88	64	136	
2016/17-2	MO-SIM	matrix spike, RPD	12/2/2016	Conventional	Cyanide	Total	=	2	%	ASTM D7511	-88	-88	0	47	
2016/17-2	Lab	LCS	12/2/2016	Conventional	Dissolved Inorganic Carbon	Dissolved	=	10.2	mg/L	SM 5310 C	0.5	0.5			
2016/17-2	Lab	LCS	12/2/2016	Conventional	Dissolved Inorganic Carbon	Dissolved	=	5.2	mg/L	SM 5310 C	0.5	0.5			
2016/17-2	Lab	LCS, rec	12/2/2016	Conventional	Dissolved Inorganic Carbon	Dissolved	=	104	%	SM 5310 C	-88	-88	85	115	
2016/17-2	Lab	LCS, rec	12/2/2016	Conventional	Dissolved Inorganic Carbon	Dissolved	=	102	%	SM 5310 C	-88	-88	85	115	
2016/17-2	Lab	method blank	12/2/2016	Conventional	Dissolved Inorganic Carbon	Dissolved	<	0.5	mg/L	SM 5310 C	0.5	0.5			
2016/17-2	Lab	method blank	12/2/2016	Conventional	Dissolved Inorganic Carbon	Dissolved	<	0.5	mg/L	SM 5310 C	0.5	0.5			
2016/17-2	ME-CC	matrix spike	12/2/2016	Conventional	Dissolved Inorganic Carbon	Dissolved	=	73	mg/L	SM 5310 C	4	4			
2016/17-2	ME-CC	matrix spike dup	12/2/2016	Conventional	Dissolved Inorganic Carbon	Dissolved	=	73.1	mg/L	SM 5310 C	4	4			
2016/17-2	ME-CC	matrix spike dup, rec	12/2/2016	Conventional	Dissolved Inorganic Carbon	Dissolved	=	93	%	SM 5310 C	-88	-88	80	116	
2016/17-2	ME-CC	matrix spike, rec	12/2/2016	Conventional	Dissolved Inorganic Carbon	Dissolved	=	92	%	SM 5310 C	-88	-88	80	116	
2016/17-2	ME-CC	matrix spike, RPD	12/2/2016	Conventional	Dissolved Inorganic Carbon	Dissolved	=	0.1	%	SM 5310 C	-88	-88	0	20	
2016/17-2	Lab	LCS	12/1/2016	Conventional	Dissolved Organic Carbon	Dissolved	=	10.3	mg/L	SM 5310 C	0.013	0.3			
2016/17-2	Lab	LCS	12/1/2016	Conventional	Dissolved Organic Carbon	Dissolved	=	4.85	mg/L	SM 5310 C	0.013	0.3			
2016/17-2	Lab	LCS dup	12/1/2016	Conventional	Dissolved Organic Carbon	Dissolved	=	4.92	mg/L	SM 5310 C	0.013	0.3			
2016/17-2	Lab	LCS dup, rec	12/1/2016	Conventional	Dissolved Organic Carbon	Dissolved	=	98	%	SM 5310 C	-88	-88	85	115	
2016/17-2	Lab	LCS, rec	12/1/2016	Conventional	Dissolved Organic Carbon	Dissolved	=	103	%	SM 5310 C	-88	-88	85	115	
2016/17-2	Lab	LCS, rec	12/1/2016	Conventional	Dissolved Organic Carbon	Dissolved	=	97	%	SM 5310 C	-88	-88	85	115	
2016/17-2	Lab	LCS, RPD	12/1/2016	Conventional	Dissolved Organic Carbon	Dissolved	=	1	%	SM 5310 C	-88	-88	0	20	
2016/17-2	Lab	method blank	12/1/2016	Conventional	Dissolved Organic Carbon	Dissolved	DNQ	0.118	mg/L	SM 5310 C	0.013	0.3			IP
2016/17-2	Lab	method blank	12/1/2016	Conventional	Dissolved Organic Carbon	Dissolved	DNQ	0.0864	mg/L	SM 5310 C	0.013	0.3			IP
2016/17-2	000NONPJ	matrix spike	11/22/2016	Conventional	MBAS	n/a	=	0.206	mg/L	SM 5540 C	0.019	0.05			
2016/17-2	000NONPJ	matrix spike dup	11/22/2016	Conventional	MBAS	n/a	=	0.207	mg/L	SM 5540 C	0.019	0.05			
2016/17-2	000NONPJ	matrix spike dup, rec	11/22/2016	Conventional	MBAS	n/a	=	103	%	SM 5540 C	-88	-88	74	123	
2016/17-2	000NONPJ	matrix spike, rec	11/22/2016	Conventional	MBAS	n/a	=	103	%	SM 5540 C	-88	-88	74	123	
2016/17-2	000NONPJ	matrix spike, RPD	11/22/2016	Conventional	MBAS	n/a	=	0.05	%	SM 5540 C	-88	-88	0	20	
2016/17-2	Lab	LCS	11/22/2016	Conventional	MBAS	n/a	=	0.208	mg/L	SM 5540 C	0.019	0.05			
2016/17-2	Lab	LCS, rec	11/22/2016	Conventional	MBAS	n/a	=	104	%	SM 5540 C	-88	-88	82	115	
2016/17-2	Lab	method blank	11/22/2016	Conventional	MBAS	n/a	<	0.019	mg/L	SM 5540 C	0.019	0.05			
2016/17-2	Lab	LCS	11/22/2016	Conventional	MBAS	n/a	=	0.205	mg/L	SM 5540 C	0.019	0.05			
2016/17-2	Lab	LCS, rec	11/22/2016	Conventional	MBAS	n/a	=	102	%	SM 5540 C	-88	-88	82	115	
2016/17-2	Lab	method blank	11/22/2016	Conventional	MBAS	n/a	<	0.019	mg/L	SM 5540 C	0.019	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	
2016/17-2	MO-THO	matrix spike	11/22/2016	Conventional	MBAS	n/a	=	0.269	mg/L	SM 5540 C	0.019	0.05			
2016/17-2	MO-THO	matrix spike dup	11/22/2016	Conventional	MBAS	n/a	=	0.277	mg/L	SM 5540 C	0.019	0.05			
2016/17-2	MO-THO	matrix spike dup, rec	11/22/2016	Conventional	MBAS	n/a	=	108	%	SM 5540 C	-88	-88	74	123	
2016/17-2	MO-THO	matrix spike, rec	11/22/2016	Conventional	MBAS	n/a	=	104	%	SM 5540 C	-88	-88	74	123	
2016/17-2	MO-THO	matrix spike, RPD	11/22/2016	Conventional	MBAS	n/a	=	3	%	SM 5540 C	-88	-88	0	20	
2016/17-2	000NONPJ	matrix spike	11/28/2016	Conventional	Phenolics	n/a	=	0.241	mg/L	EPA 420.4	0.0042	0.01			
2016/17-2	000NONPJ	matrix spike, rec	11/28/2016	Conventional	Phenolics	n/a	=	93	%	EPA 420.4	-88	-88	90	110	
2016/17-2	000NONPJ	matrix spike dup	11/28/2016	Conventional	Phenolics	n/a	=	0.242	mg/L	EPA 420.4	0.0042	0.01			
2016/17-2	000NONPJ	matrix spike dup, rec	11/28/2016	Conventional	Phenolics	n/a	=	94	%	EPA 420.4	-88	-88	90	110	
2016/17-2	000NONPJ	matrix spike, RPD	11/28/2016	Conventional	Phenolics	n/a	=	0.5	%	EPA 420.4	-88	-88	0	20	
2016/17-2	000NONPJ	matrix spike	11/30/2016	Conventional	Phenolics	n/a	=	3.93	mg/L	EPA 420.4	0.067	0.16			
2016/17-2	000NONPJ	matrix spike, rec	11/30/2016	Conventional	Phenolics	n/a	=	105	%	EPA 420.4	-88	-88	90	110	
2016/17-2	000NONPJ	matrix spike dup	11/30/2016	Conventional	Phenolics	n/a	=	3.92	mg/L	EPA 420.4	0.067	0.16			
2016/17-2	000NONPJ	matrix spike dup, rec	11/30/2016	Conventional	Phenolics	n/a	=	103	%	EPA 420.4	-88	-88	90	110	
2016/17-2	000NONPJ	matrix spike, RPD	11/30/2016	Conventional	Phenolics	n/a	=	0.3	%	EPA 420.4	-88	-88	0	20	
2016/17-2	Lab	method blank	11/28/2016	Conventional	Phenolics	n/a	<	0.0042	mg/L	EPA 420.4	0.0042	0.01			
2016/17-2	Lab	LCS	11/28/2016	Conventional	Phenolics	n/a	=	0.0986	mg/L	EPA 420.4	0.0042	0.01			
2016/17-2	Lab	LCS, rec	11/28/2016	Conventional	Phenolics	n/a	=	99	%	EPA 420.4	-88	-88	90	110	
2016/17-2	Lab	method blank	11/30/2016	Conventional	Phenolics	n/a	<	0.0042	mg/L	EPA 420.4	0.0042	0.01			
2016/17-2	Lab	LCS	11/30/2016	Conventional	Phenolics	n/a	=	0.0975	mg/L	EPA 420.4	0.0042	0.01			
2016/17-2	Lab	LCS, rec	11/30/2016	Conventional	Phenolics	n/a	=	97	%	EPA 420.4	-88	-88	90	110	
2016/17-2	000NONPJ	lab duplicate	11/23/2016	Conventional	Specific Conductance	n/a	=	1380	µmhos/cm	SM 2510 B	0.23	2		4.28	
2016/17-2	000NONPJ	lab duplicate	11/26/2016	Conventional	Specific Conductance	n/a	=	7030	µmhos/cm	SM 2510 B	0.23	2		4.28	
2016/17-2	Lab	LCS	11/23/2016	Conventional	Specific Conductance	n/a	=	200	µmhos/cm	SM 2510 B	0.23	2			
2016/17-2	Lab	LCS, rec	11/23/2016	Conventional	Specific Conductance	n/a	=	100	%	SM 2510 B	-88	-88	95	105	
2016/17-2	Lab	method blank	11/23/2016	Conventional	Specific Conductance	n/a	DNQ	0.76	µmhos/cm	SM 2510 B	0.23	2			IP
2016/17-2	Lab	LCS	11/26/2016	Conventional	Specific Conductance	n/a	=	10300	µmhos/cm	SM 2510 B	0.23	2			
2016/17-2	Lab	LCS, rec	11/26/2016	Conventional	Specific Conductance	n/a	=	103	%	SM 2510 B	-88	-88	95	105	
2016/17-2	Lab	method blank	11/26/2016	Conventional	Specific Conductance	n/a	<	0.23	µmhos/cm	SM 2510 B	0.23	2			
2016/17-2	Lab	LCS	11/22/2016	Conventional	Total Chlorine Residual	n/a	=	0.19	mg/L	SM 4500-Cl G	0.0015	0.05			
2016/17-2	Lab	LCS, rec	11/22/2016	Conventional	Total Chlorine Residual	n/a	=	95	%	SM 4500-Cl G	-88	-88	85	110	
2016/17-2	Lab	method blank	11/22/2016	Conventional	Total Chlorine Residual	n/a	<	0.0015	mg/L	SM 4500-Cl G	0.0015	0.05			
2016/17-2	ME-CC	matrix spike	11/22/2016	Conventional	Total Chlorine Residual	n/a	=	0.195	mg/L	SM 4500-Cl G	0.0015	0.05			
2016/17-2	ME-CC	matrix spike dup	11/22/2016	Conventional	Total Chlorine Residual	n/a	=	0.188	mg/L	SM 4500-Cl G	0.0015	0.05			
2016/17-2	ME-CC	matrix spike dup, rec	11/22/2016	Conventional	Total Chlorine Residual	n/a	=	93	%	SM 4500-Cl G	-88	-88	78	114	
2016/17-2	ME-CC	matrix spike, rec	11/22/2016	Conventional	Total Chlorine Residual	n/a	=	97	%	SM 4500-Cl G	-88	-88	78	114	
2016/17-2	ME-CC	matrix spike, RPD	11/22/2016	Conventional	Total Chlorine Residual	n/a	=	4	%	SM 4500-Cl G	-88	-88	0	15	
2016/17-2	000NONPJ	lab duplicate	11/23/2016	Conventional	Total Dissolved Solids	n/a	=	11400	mg/L	SM 2540 C	4	10		10	
2016/17-2	Lab	LCS	11/23/2016	Conventional	Total Dissolved Solids	n/a	=	836	mg/L	SM 2540 C	4	10			
2016/17-2	Lab	LCS, rec	11/23/2016	Conventional	Total Dissolved Solids	n/a	=	101	%	SM 2540 C	-88	-88	96	102	
2016/17-2	Lab	method blank	11/23/2016	Conventional	Total Dissolved Solids	n/a	<	4	mg/L	SM 2540 C	4	10			
2016/17-2	MO-HUE	lab duplicate	11/23/2016	Conventional	Total Dissolved Solids	n/a	=	5560	mg/L	SM 2540 C	4	10		10	
2016/17-2	Lab	LCS	11/30/2016	Conventional	Total Organic Carbon	n/a	=	4.93	mg/L	SM 5310 C	0.009	0.3			
2016/17-2	Lab	LCS	11/30/2016	Conventional	Total Organic Carbon	n/a	=	9.82	mg/L	SM 5310 C	0.009	0.3			
2016/17-2	Lab	LCS, rec	11/30/2016	Conventional	Total Organic Carbon	n/a	=	99	%	SM 5310 C	-88	-88	85	115	
2016/17-2	Lab	LCS, rec	11/30/2016	Conventional	Total Organic Carbon	n/a	=	98	%	SM 5310 C	-88	-88	85	115	
2016/17-2	Lab	method blank	11/30/2016	Conventional	Total Organic Carbon	n/a	DNQ	0.0185	mg/L	SM 5310 C	0.009	0.3			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	
2016/17-2	Lab	method blank	11/30/2016	Conventional	Total Organic Carbon	n/a	DNQ	0.065	mg/L	SM 5310 C	0.009	0.3			IP
2016/17-2	ME-VR2	matrix spike	11/30/2016	Conventional	Total Organic Carbon	n/a	=	8.07	mg/L	SM 5310 C	0.009	0.3			
2016/17-2	ME-VR2	matrix spike dup	11/30/2016	Conventional	Total Organic Carbon	n/a	=	8.55	mg/L	SM 5310 C	0.009	0.3			
2016/17-2	ME-VR2	matrix spike dup, rec	11/30/2016	Conventional	Total Organic Carbon	n/a	=	101	%	SM 5310 C	-88	-88	80	116	
2016/17-2	ME-VR2	matrix spike, rec	11/30/2016	Conventional	Total Organic Carbon	n/a	=	92	%	SM 5310 C	-88	-88	80	116	
2016/17-2	ME-VR2	matrix spike, RPD	11/30/2016	Conventional	Total Organic Carbon	n/a	=	6	%	SM 5310 C	-88	-88	0	20	
2016/17-2	000NONPJ	lab duplicate	11/23/2016	Conventional	Total Suspended Solids	n/a	<	5	mg/L	SM 2540 D	-88	5		20	
2016/17-2	Lab	LCS	11/23/2016	Conventional	Total Suspended Solids	n/a	=	247	mg/L	SM 2540 D	-88	5			
2016/17-2	Lab	LCS, rec	11/23/2016	Conventional	Total Suspended Solids	n/a	=	105	%	SM 2540 D	-88	-88	90	110	
2016/17-2	Lab	method blank	11/23/2016	Conventional	Total Suspended Solids	n/a	<	5	mg/L	SM 2540 D	-88	5			
2016/17-2	ME-VR2	lab duplicate	11/23/2016	Conventional	Total Suspended Solids	n/a	=	20	mg/L	SM 2540 D	-88	5		20	
2016/17-2	Lab	LCS	11/22/2016	Conventional	Turbidity	n/a	=	6.94	NTU	EPA 180.1	0.024	0.1			
2016/17-2	Lab	LCS, rec	11/22/2016	Conventional	Turbidity	n/a	=	94	%	EPA 180.1	-88	-88	90	110	
2016/17-2	Lab	method blank	11/22/2016	Conventional	Turbidity	n/a	<	0.024	NTU	EPA 180.1	0.024	0.1			
2016/17-2	ME-VR2	lab duplicate	11/22/2016	Conventional	Turbidity	n/a	=	14.9	NTU	EPA 180.1	0.024	0.1		10	
2016/17-2	000NONPJ	lab duplicate	11/23/2016	Conventional	Volatile Suspended Solids	n/a	<	3.1	mg/L	EPA 160.4	3.1	5		15	
2016/17-2	Lab	method blank	11/23/2016	Conventional	Volatile Suspended Solids	n/a	<	3.1	mg/L	EPA 160.4	3.1	5			
2016/17-2	ME-VR2	lab duplicate	11/23/2016	Conventional	Volatile Suspended Solids	n/a	=	6	mg/L	EPA 160.4	3.1	5		15	
2016/17-2	000NONPJ	matrix spike	12/1/2016	Hydrocarbon	Diesel Range Organics	n/a	=	0.991	mg/L	EPA 8015B	0.024	0.1			
2016/17-2	000NONPJ	matrix spike, rec	12/1/2016	Hydrocarbon	Diesel Range Organics	n/a	=	95	%	EPA 8015B	-88	-88	70	130	
2016/17-2	000NONPJ	matrix spike dup	12/1/2016	Hydrocarbon	Diesel Range Organics	n/a	=	0.804	mg/L	EPA 8015B	0.024	0.1			GB
2016/17-2	000NONPJ	matrix spike dup, rec	12/1/2016	Hydrocarbon	Diesel Range Organics	n/a	=	57	%	EPA 8015B	-88	-88	70	130	GB
2016/17-2	000NONPJ	matrix spike, RPD	12/1/2016	Hydrocarbon	Diesel Range Organics	n/a	=	21	%	EPA 8015B	-88	-88	0	25	
2016/17-2	Lab	method blank	12/1/2016	Hydrocarbon	Diesel Range Organics	n/a	DNQ	0.0306	mg/L	EPA 8015B	0.024	0.1			IP
2016/17-2	Lab	LCS	12/1/2016	Hydrocarbon	Diesel Range Organics	n/a	=	0.496	mg/L	EPA 8015B	0.024	0.1			
2016/17-2	Lab	LCS, rec	12/1/2016	Hydrocarbon	Diesel Range Organics	n/a	=	99	%	EPA 8015B	-88	-88	56	136	
2016/17-2	Lab	LCS	11/30/2016	Hydrocarbon	Gasoline Range Organics	n/a	=	1.08	mg/L	EPA 8015B	0.044	0.1			
2016/17-2	Lab	LCS, rec	11/30/2016	Hydrocarbon	Gasoline Range Organics	n/a	=	108	%	EPA 8015B	-88	-88	75	123	
2016/17-2	Lab	LCS dup	11/30/2016	Hydrocarbon	Gasoline Range Organics	n/a	=	1.09	mg/L	EPA 8015B	0.044	0.1			
2016/17-2	Lab	LCS dup, rec	11/30/2016	Hydrocarbon	Gasoline Range Organics	n/a	=	109	%	EPA 8015B	-88	-88	75	123	
2016/17-2	Lab	LCS, RPD	11/30/2016	Hydrocarbon	Gasoline Range Organics	n/a	=	0.8	%	EPA 8015B	-88	-88	0	25	
2016/17-2	Lab	method blank	11/30/2016	Hydrocarbon	Gasoline Range Organics	n/a	<	0.044	mg/L	EPA 8015B	0.044	0.1			
2016/17-2	Lab	LCS	12/1/2016	Hydrocarbon	Gasoline Range Organics	n/a	=	1.04	mg/L	EPA 8015B	0.044	0.1			
2016/17-2	Lab	LCS, rec	12/1/2016	Hydrocarbon	Gasoline Range Organics	n/a	=	104	%	EPA 8015B	-88	-88	75	123	
2016/17-2	Lab	LCS dup	12/1/2016	Hydrocarbon	Gasoline Range Organics	n/a	=	1.04	mg/L	EPA 8015B	0.044	0.1			
2016/17-2	Lab	LCS dup, rec	12/1/2016	Hydrocarbon	Gasoline Range Organics	n/a	=	104	%	EPA 8015B	-88	-88	75	123	
2016/17-2	Lab	LCS, RPD	12/1/2016	Hydrocarbon	Gasoline Range Organics	n/a	=	0.1	%	EPA 8015B	-88	-88	0	25	
2016/17-2	Lab	method blank	12/1/2016	Hydrocarbon	Gasoline Range Organics	n/a	<	0.044	mg/L	EPA 8015B	0.044	0.1			
2016/17-2	000NONPJ	srgt matrix spike	12/1/2016	Hydrocarbon	n-Tetracosane	n/a	=	0.245	mg/L	EPA 8015B	-88	-88			
2016/17-2	000NONPJ	srgt matrix spike, rec	12/1/2016	Hydrocarbon	n-Tetracosane	n/a	=	98	%	EPA 8015B	-88	-88	64	155	
2016/17-2	000NONPJ	srgt matrix spike dup	12/1/2016	Hydrocarbon	n-Tetracosane	n/a	=	0.234	mg/L	EPA 8015B	-88	-88			
2016/17-2	000NONPJ	srgt matrix spike dup, rec	12/1/2016	Hydrocarbon	n-Tetracosane	n/a	=	93	%	EPA 8015B	-88	-88	64	155	
2016/17-2	Lab	srgt method blank	12/1/2016	Hydrocarbon	n-Tetracosane	n/a	=	0.256	mg/L	EPA 8015B	-88	-88			
2016/17-2	Lab	srgt method blank, rec	12/1/2016	Hydrocarbon	n-Tetracosane	n/a	=	103	%	EPA 8015B	-88	-88	64	155	
2016/17-2	Lab	srgt LCS	12/1/2016	Hydrocarbon	n-Tetracosane	n/a	=	0.246	mg/L	EPA 8015B	-88	-88			
2016/17-2	Lab	srgt LCS, rec	12/1/2016	Hydrocarbon	n-Tetracosane	n/a	=	98	%	EPA 8015B	-88	-88	64	155	
2016/17-2	ME-CC	srgt environ	12/2/2016	Hydrocarbon	n-Tetracosane	n/a	=	0.303	mg/L	EPA 8015B	-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	
2016/17-2	ME-CC	srgt environ, rec	12/2/2016	Hydrocarbon	n-Tetracosane	n/a	=	103	%	EPA 8015B	-88	-88	64	155	
2016/17-2	ME-VR2	srgt environ	12/2/2016	Hydrocarbon	n-Tetracosane	n/a	=	0.255	mg/L	EPA 8015B	-88	-88			
2016/17-2	ME-VR2	srgt environ, rec	12/2/2016	Hydrocarbon	n-Tetracosane	n/a	=	102	%	EPA 8015B	-88	-88	64	155	
2016/17-2	MO-CAM	srgt environ	12/2/2016	Hydrocarbon	n-Tetracosane	n/a	=	0.242	mg/L	EPA 8015B	-88	-88			
2016/17-2	MO-CAM	srgt environ, rec	12/2/2016	Hydrocarbon	n-Tetracosane	n/a	=	97	%	EPA 8015B	-88	-88	64	155	
2016/17-2	MO-FIL	srgt environ	12/2/2016	Hydrocarbon	n-Tetracosane	n/a	=	0.235	mg/L	EPA 8015B	-88	-88			
2016/17-2	MO-FIL	srgt environ, rec	12/2/2016	Hydrocarbon	n-Tetracosane	n/a	=	94	%	EPA 8015B	-88	-88	64	155	
2016/17-2	MO-HUE	srgt environ	12/2/2016	Hydrocarbon	n-Tetracosane	n/a	=	0.239	mg/L	EPA 8015B	-88	-88			
2016/17-2	MO-HUE	srgt environ, rec	12/2/2016	Hydrocarbon	n-Tetracosane	n/a	=	96	%	EPA 8015B	-88	-88	64	155	
2016/17-2	MO-MPK	srgt environ	12/2/2016	Hydrocarbon	n-Tetracosane	n/a	=	0.218	mg/L	EPA 8015B	-88	-88			
2016/17-2	MO-MPK	srgt environ, rec	12/2/2016	Hydrocarbon	n-Tetracosane	n/a	=	87	%	EPA 8015B	-88	-88	64	155	
2016/17-2	MO-OXN	srgt environ	12/2/2016	Hydrocarbon	n-Tetracosane	n/a	=	0.227	mg/L	EPA 8015B	-88	-88			
2016/17-2	MO-OXN	srgt environ, rec	12/2/2016	Hydrocarbon	n-Tetracosane	n/a	=	91	%	EPA 8015B	-88	-88	64	155	
2016/17-2	MO-SIM	srgt environ	12/2/2016	Hydrocarbon	n-Tetracosane	n/a	=	0.241	mg/L	EPA 8015B	-88	-88			
2016/17-2	MO-SIM	srgt environ, rec	12/2/2016	Hydrocarbon	n-Tetracosane	n/a	=	96	%	EPA 8015B	-88	-88	64	155	
2016/17-2	MO-SPA	srgt environ	12/2/2016	Hydrocarbon	n-Tetracosane	n/a	=	0.239	mg/L	EPA 8015B	-88	-88			
2016/17-2	MO-SPA	srgt environ, rec	12/2/2016	Hydrocarbon	n-Tetracosane	n/a	=	96	%	EPA 8015B	-88	-88	64	155	
2016/17-2	MO-THO	srgt environ	12/2/2016	Hydrocarbon	n-Tetracosane	n/a	=	0.244	mg/L	EPA 8015B	-88	-88			
2016/17-2	MO-THO	srgt environ, rec	12/2/2016	Hydrocarbon	n-Tetracosane	n/a	=	98	%	EPA 8015B	-88	-88	64	155	
2016/17-2	MO-VEN	srgt environ	12/2/2016	Hydrocarbon	n-Tetracosane	n/a	=	0.225	mg/L	EPA 8015B	-88	-88			
2016/17-2	MO-VEN	srgt environ, rec	12/2/2016	Hydrocarbon	n-Tetracosane	n/a	=	90	%	EPA 8015B	-88	-88	64	155	
2016/17-2	000NONPJ	matrix spike	12/1/2016	Hydrocarbon	Oil and Grease	n/a	=	20.8	mg/L	EPA 1664A	1.3	5			
2016/17-2	000NONPJ	matrix spike, rec	12/1/2016	Hydrocarbon	Oil and Grease	n/a	=	96	%	EPA 1664A	-88	-88	78	114	
2016/17-2	Lab	LCS	11/29/2016	Hydrocarbon	Oil and Grease	n/a	=	18.8	mg/L	EPA 1664A	1.3	5			
2016/17-2	Lab	LCS	11/29/2016	Hydrocarbon	Oil and Grease	n/a	DNQ	4.7	mg/L	EPA 1664A	1.3	5			
2016/17-2	Lab	LCS, rec	11/29/2016	Hydrocarbon	Oil and Grease	n/a	=	94	%	EPA 1664A	-88	-88	78	114	
2016/17-2	Lab	LCS, rec	11/29/2016	Hydrocarbon	Oil and Grease	n/a	=	94	%	EPA 1664A	-88	-88	78	114	
2016/17-2	Lab	method blank	11/29/2016	Hydrocarbon	Oil and Grease	n/a	<	1.3	mg/L	EPA 1664A	1.3	5			
2016/17-2	Lab	LCS	12/1/2016	Hydrocarbon	Oil and Grease	n/a	DNQ	4.8	mg/L	EPA 1664A	1.3	5			
2016/17-2	Lab	LCS	12/1/2016	Hydrocarbon	Oil and Grease	n/a	=	19.8	mg/L	EPA 1664A	1.3	5			
2016/17-2	Lab	LCS dup	12/1/2016	Hydrocarbon	Oil and Grease	n/a	=	20.1	mg/L	EPA 1664A	1.3	5			
2016/17-2	Lab	LCS dup, rec	12/1/2016	Hydrocarbon	Oil and Grease	n/a	=	100	%	EPA 1664A	-88	-88	78	114	
2016/17-2	Lab	LCS, rec	12/1/2016	Hydrocarbon	Oil and Grease	n/a	=	96	%	EPA 1664A	-88	-88	78	114	
2016/17-2	Lab	LCS, rec	12/1/2016	Hydrocarbon	Oil and Grease	n/a	=	99	%	EPA 1664A	-88	-88	78	114	
2016/17-2	Lab	LCS, RPD	12/1/2016	Hydrocarbon	Oil and Grease	n/a	=	2	%	EPA 1664A	-88	-88	0	18	
2016/17-2	Lab	method blank	12/1/2016	Hydrocarbon	Oil and Grease	n/a	<	1.3	mg/L	EPA 1664A	1.3	5			
2016/17-2	Lab	LCS	12/1/2016	Hydrocarbon	Oil and Grease	n/a	DNQ	4.7	mg/L	EPA 1664A	1.3	5			
2016/17-2	Lab	LCS	12/1/2016	Hydrocarbon	Oil and Grease	n/a	=	19.7	mg/L	EPA 1664A	1.3	5			
2016/17-2	Lab	LCS dup	12/1/2016	Hydrocarbon	Oil and Grease	n/a	=	19.3	mg/L	EPA 1664A	1.3	5			
2016/17-2	Lab	LCS dup, rec	12/1/2016	Hydrocarbon	Oil and Grease	n/a	=	96	%	EPA 1664A	-88	-88	78	114	
2016/17-2	Lab	LCS, rec	12/1/2016	Hydrocarbon	Oil and Grease	n/a	=	94	%	EPA 1664A	-88	-88	78	114	
2016/17-2	Lab	LCS, rec	12/1/2016	Hydrocarbon	Oil and Grease	n/a	=	98	%	EPA 1664A	-88	-88	78	114	
2016/17-2	Lab	LCS, RPD	12/1/2016	Hydrocarbon	Oil and Grease	n/a	=	2	%	EPA 1664A	-88	-88	0	18	
2016/17-2	Lab	method blank	12/1/2016	Hydrocarbon	Oil and Grease	n/a	<	1.3	mg/L	EPA 1664A	1.3	5			
2016/17-2	ME-CC	matrix spike	11/29/2016	Hydrocarbon	Oil and Grease	n/a	=	21.5	mg/L	EPA 1664A	1.3	5			
2016/17-2	ME-CC	matrix spike dup	11/29/2016	Hydrocarbon	Oil and Grease	n/a	=	21.8	mg/L	EPA 1664A	1.3	5			
2016/17-2	ME-CC	matrix spike dup, rec	11/29/2016	Hydrocarbon	Oil and Grease	n/a	=	97	%	EPA 1664A	-88	-88	78	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	
2016/17-2	ME-CC	matrix spike, rec	11/29/2016	Hydrocarbon	Oil and Grease	n/a	=	96	%	EPA 1664A	-88	-88	78	114	
2016/17-2	ME-CC	matrix spike, RPD	11/29/2016	Hydrocarbon	Oil and Grease	n/a	=	1	%	EPA 1664A	-88	-88	0	18	
2016/17-2	ME-VR2	matrix spike	12/1/2016	Hydrocarbon	Oil and Grease	n/a	=	21.3	mg/L	EPA 1664A	1.3	5			
2016/17-2	ME-VR2	matrix spike, rec	12/1/2016	Hydrocarbon	Oil and Grease	n/a	=	87	%	EPA 1664A	-88	-88	78	114	
2016/17-2	Lab	method blank	12/1/2016	Hydrocarbon	Oil Range Organics	n/a	<	0.33	mg/L	EPA 8015B	0.33	0.5			
2016/17-2	Lab	method blank	12/7/2016	Metal	Aluminum	Dissolved	<	1.3	µg/L	EPA 200.8	1.3	5			
2016/17-2	Lab	LCS	12/7/2016	Metal	Aluminum	Dissolved	=	45.1	µg/L	EPA 200.8	1.3	5			
2016/17-2	Lab	LCS, rec	12/7/2016	Metal	Aluminum	Dissolved	=	90	%	EPA 200.8	-88	-88	85	115	
2016/17-2	Lab	method blank	12/13/2016	Metal	Aluminum	Dissolved	DNQ	2.22	µg/L	EPA 200.8	1.3	5			IP
2016/17-2	Lab	LCS	12/13/2016	Metal	Aluminum	Dissolved	=	50.9	µg/L	EPA 200.8	1.3	5			
2016/17-2	Lab	LCS, rec	12/13/2016	Metal	Aluminum	Dissolved	=	102	%	EPA 200.8	-88	-88	85	115	
2016/17-2	000NONPJ	matrix spike	12/13/2016	Metal	Aluminum	Total	=	291	µg/L	EPA 200.8	1.3	5			
2016/17-2	000NONPJ	matrix spike, rec	12/13/2016	Metal	Aluminum	Total	=	91	%	EPA 200.8	-88	-88	70	130	
2016/17-2	000NONPJ	matrix spike dup	12/13/2016	Metal	Aluminum	Total	=	290	µg/L	EPA 200.8	1.3	5			
2016/17-2	000NONPJ	matrix spike dup, rec	12/13/2016	Metal	Aluminum	Total	=	89	%	EPA 200.8	-88	-88	70	130	
2016/17-2	000NONPJ	matrix spike, RPD	12/13/2016	Metal	Aluminum	Total	=	0.4	%	EPA 200.8	-88	-88	0	30	
2016/17-2	000NONPJ	matrix spike	12/13/2016	Metal	Aluminum	Total	=	296	µg/L	EPA 200.8	5.2	20			GB
2016/17-2	000NONPJ	matrix spike, rec	12/13/2016	Metal	Aluminum	Total	=	471	%	EPA 200.8	-88	-88	70	130	GB
2016/17-2	000NONPJ	matrix spike dup	12/13/2016	Metal	Aluminum	Total	=	326	µg/L	EPA 200.8	5.2	20			GB
2016/17-2	000NONPJ	matrix spike dup, rec	12/13/2016	Metal	Aluminum	Total	=	530	%	EPA 200.8	-88	-88	70	130	GB
2016/17-2	000NONPJ	matrix spike, RPD	12/13/2016	Metal	Aluminum	Total	=	9	%	EPA 200.8	-88	-88	0	30	
2016/17-2	Lab	method blank	12/8/2016	Metal	Aluminum	Total	<	1.3	µg/L	EPA 200.8	1.3	5			
2016/17-2	Lab	LCS	12/8/2016	Metal	Aluminum	Total	=	49.6	µg/L	EPA 200.8	1.3	5			
2016/17-2	Lab	LCS, rec	12/8/2016	Metal	Aluminum	Total	=	99	%	EPA 200.8	-88	-88	85	115	
2016/17-2	Lab	method blank	12/13/2016	Metal	Aluminum	Total	DNQ	1.55	µg/L	EPA 200.8	1.3	5			IP
2016/17-2	Lab	LCS	12/13/2016	Metal	Aluminum	Total	=	50.9	µg/L	EPA 200.8	1.3	5			
2016/17-2	Lab	LCS, rec	12/13/2016	Metal	Aluminum	Total	=	102	%	EPA 200.8	-88	-88	85	115	
2016/17-2	Lab	method blank	12/14/2016	Metal	Aluminum	Total	DNQ	1.55	µg/L	EPA 200.8	1.3	5			IP
2016/17-2	Lab	LCS	12/14/2016	Metal	Aluminum	Total	=	48.2	µg/L	EPA 200.8	1.3	5			
2016/17-2	Lab	LCS, rec	12/14/2016	Metal	Aluminum	Total	=	96	%	EPA 200.8	-88	-88	85	115	
2016/17-2	MO-MPK	matrix spike	12/8/2016	Metal	Aluminum	Total	=	3980	µg/L	EPA 200.8	6.5	25			GB
2016/17-2	MO-MPK	matrix spike, rec	12/8/2016	Metal	Aluminum	Total	=	501	%	EPA 200.8	-88	-88	70	130	GB
2016/17-2	MO-MPK	matrix spike dup	12/8/2016	Metal	Aluminum	Total	=	3870	µg/L	EPA 200.8	6.5	25			GB
2016/17-2	MO-MPK	matrix spike dup, rec	12/8/2016	Metal	Aluminum	Total	=	274	%	EPA 200.8	-88	-88	70	130	GB
2016/17-2	MO-MPK	matrix spike, RPD	12/8/2016	Metal	Aluminum	Total	=	3	%	EPA 200.8	-88	-88	0	30	
2016/17-2	MO-SIM	matrix spike	12/8/2016	Metal	Aluminum	Total	=	1450	µg/L	EPA 200.8	6.5	25			GB
2016/17-2	MO-SIM	matrix spike, rec	12/8/2016	Metal	Aluminum	Total	=	195	%	EPA 200.8	-88	-88	70	130	GB
2016/17-2	MO-SIM	matrix spike dup	12/8/2016	Metal	Aluminum	Total	=	1460	µg/L	EPA 200.8	6.5	25			GB
2016/17-2	MO-SIM	matrix spike dup, rec	12/8/2016	Metal	Aluminum	Total	=	224	%	EPA 200.8	-88	-88	70	130	GB
2016/17-2	MO-SIM	matrix spike, RPD	12/8/2016	Metal	Aluminum	Total	=	1	%	EPA 200.8	-88	-88	0	30	
2016/17-2	Lab	method blank	12/7/2016	Metal	Antimony	Dissolved	<	0.045	µg/L	EPA 200.8	0.045	0.5			
2016/17-2	Lab	LCS	12/7/2016	Metal	Antimony	Dissolved	=	50	µg/L	EPA 200.8	0.045	0.5			
2016/17-2	Lab	LCS, rec	12/7/2016	Metal	Antimony	Dissolved	=	100	%	EPA 200.8	-88	-88	85	115	
2016/17-2	Lab	method blank	12/13/2016	Metal	Antimony	Dissolved	<	0.045	µg/L	EPA 200.8	0.045	0.5			
2016/17-2	Lab	LCS	12/13/2016	Metal	Antimony	Dissolved	=	54.3	µg/L	EPA 200.8	0.045	0.5			
2016/17-2	Lab	LCS, rec	12/13/2016	Metal	Antimony	Dissolved	=	109	%	EPA 200.8	-88	-88	85	115	
2016/17-2	000NONPJ	matrix spike	12/13/2016	Metal	Antimony	Total	=	52.6	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	
2016/17-2	000NONPJ	matrix spike, rec	12/13/2016	Metal	Antimony	Total	=	95	%	EPA 200.8	-88	-88	70	130	
2016/17-2	000NONPJ	matrix spike dup	12/13/2016	Metal	Antimony	Total	=	57.9	µg/L	EPA 200.8	0.045	0.5			
2016/17-2	000NONPJ	matrix spike dup, rec	12/13/2016	Metal	Antimony	Total	=	106	%	EPA 200.8	-88	-88	70	130	
2016/17-2	000NONPJ	matrix spike, RPD	12/13/2016	Metal	Antimony	Total	=	10	%	EPA 200.8	-88	-88	0	30	
2016/17-2	000NONPJ	matrix spike	12/13/2016	Metal	Antimony	Total	=	61.9	µg/L	EPA 200.8	0.18	2			
2016/17-2	000NONPJ	matrix spike, rec	12/13/2016	Metal	Antimony	Total	=	120	%	EPA 200.8	-88	-88	70	130	
2016/17-2	000NONPJ	matrix spike dup	12/13/2016	Metal	Antimony	Total	=	61	µg/L	EPA 200.8	0.18	2			
2016/17-2	000NONPJ	matrix spike dup, rec	12/13/2016	Metal	Antimony	Total	=	118	%	EPA 200.8	-88	-88	70	130	
2016/17-2	000NONPJ	matrix spike, RPD	12/13/2016	Metal	Antimony	Total	=	1	%	EPA 200.8	-88	-88	0	30	
2016/17-2	Lab	method blank	12/7/2016	Metal	Antimony	Total	<	0.045	µg/L	EPA 200.8	0.045	0.5			
2016/17-2	Lab	LCS	12/7/2016	Metal	Antimony	Total	=	50	µg/L	EPA 200.8	0.045	0.5			
2016/17-2	Lab	LCS, rec	12/7/2016	Metal	Antimony	Total	=	100	%	EPA 200.8	-88	-88	85	115	
2016/17-2	Lab	method blank	12/13/2016	Metal	Antimony	Total	<	0.045	µg/L	EPA 200.8	0.045	0.5			
2016/17-2	Lab	LCS	12/13/2016	Metal	Antimony	Total	=	54.3	µg/L	EPA 200.8	0.045	0.5			
2016/17-2	Lab	LCS, rec	12/13/2016	Metal	Antimony	Total	=	109	%	EPA 200.8	-88	-88	85	115	
2016/17-2	MO-MPK	matrix spike	12/7/2016	Metal	Antimony	Total	=	40	µg/L	EPA 200.8	0.22	2.5			
2016/17-2	MO-MPK	matrix spike, rec	12/7/2016	Metal	Antimony	Total	=	78	%	EPA 200.8	-88	-88	70	130	
2016/17-2	MO-MPK	matrix spike dup	12/7/2016	Metal	Antimony	Total	=	39.7	µg/L	EPA 200.8	0.22	2.5			
2016/17-2	MO-MPK	matrix spike dup, rec	12/7/2016	Metal	Antimony	Total	=	77	%	EPA 200.8	-88	-88	70	130	
2016/17-2	MO-MPK	matrix spike, RPD	12/7/2016	Metal	Antimony	Total	=	0.6	%	EPA 200.8	-88	-88	0	30	
2016/17-2	MO-SIM	matrix spike	12/7/2016	Metal	Antimony	Total	=	48.7	µg/L	EPA 200.8	0.045	0.5			
2016/17-2	MO-SIM	matrix spike, rec	12/7/2016	Metal	Antimony	Total	=	94	%	EPA 200.8	-88	-88	70	130	
2016/17-2	MO-SIM	matrix spike dup	12/7/2016	Metal	Antimony	Total	=	47.3	µg/L	EPA 200.8	0.045	0.5			
2016/17-2	MO-SIM	matrix spike dup, rec	12/7/2016	Metal	Antimony	Total	=	92	%	EPA 200.8	-88	-88	70	130	
2016/17-2	MO-SIM	matrix spike, RPD	12/7/2016	Metal	Antimony	Total	=	3	%	EPA 200.8	-88	-88	0	30	
2016/17-2	Lab	method blank	12/7/2016	Metal	Arsenic	Dissolved	<	0.074	µg/L	EPA 200.8	0.074	0.4			
2016/17-2	Lab	LCS	12/7/2016	Metal	Arsenic	Dissolved	=	49.7	µg/L	EPA 200.8	0.074	0.4			
2016/17-2	Lab	LCS, rec	12/7/2016	Metal	Arsenic	Dissolved	=	99	%	EPA 200.8	-88	-88	85	115	
2016/17-2	Lab	method blank	12/13/2016	Metal	Arsenic	Dissolved	<	0.074	µg/L	EPA 200.8	0.074	0.4			
2016/17-2	Lab	LCS	12/13/2016	Metal	Arsenic	Dissolved	=	52.2	µg/L	EPA 200.8	0.074	0.4			
2016/17-2	Lab	LCS, rec	12/13/2016	Metal	Arsenic	Dissolved	=	105	%	EPA 200.8	-88	-88	85	115	
2016/17-2	000NONPJ	matrix spike	12/13/2016	Metal	Arsenic	Total	=	54.5	µg/L	EPA 200.8	0.074	0.4			
2016/17-2	000NONPJ	matrix spike, rec	12/13/2016	Metal	Arsenic	Total	=	104	%	EPA 200.8	-88	-88	70	130	
2016/17-2	000NONPJ	matrix spike dup	12/13/2016	Metal	Arsenic	Total	=	54.9	µg/L	EPA 200.8	0.074	0.4			
2016/17-2	000NONPJ	matrix spike dup, rec	12/13/2016	Metal	Arsenic	Total	=	104	%	EPA 200.8	-88	-88	70	130	
2016/17-2	000NONPJ	matrix spike, RPD	12/13/2016	Metal	Arsenic	Total	=	0.7	%	EPA 200.8	-88	-88	0	30	
2016/17-2	000NONPJ	matrix spike	12/13/2016	Metal	Arsenic	Total	=	59.4	µg/L	EPA 200.8	0.3	1.6			
2016/17-2	000NONPJ	matrix spike, rec	12/13/2016	Metal	Arsenic	Total	=	116	%	EPA 200.8	-88	-88	70	130	
2016/17-2	000NONPJ	matrix spike dup	12/13/2016	Metal	Arsenic	Total	=	63.7	µg/L	EPA 200.8	0.3	1.6			
2016/17-2	000NONPJ	matrix spike dup, rec	12/13/2016	Metal	Arsenic	Total	=	124	%	EPA 200.8	-88	-88	70	130	
2016/17-2	000NONPJ	matrix spike, RPD	12/13/2016	Metal	Arsenic	Total	=	7	%	EPA 200.8	-88	-88	0	30	
2016/17-2	Lab	method blank	12/8/2016	Metal	Arsenic	Total	<	0.074	µg/L	EPA 200.8	0.074	0.4			
2016/17-2	Lab	LCS	12/8/2016	Metal	Arsenic	Total	=	51.3	µg/L	EPA 200.8	0.074	0.4			
2016/17-2	Lab	LCS, rec	12/8/2016	Metal	Arsenic	Total	=	103	%	EPA 200.8	-88	-88	85	115	
2016/17-2	Lab	method blank	12/13/2016	Metal	Arsenic	Total	<	0.074	µg/L	EPA 200.8	0.074	0.4			
2016/17-2	Lab	LCS	12/13/2016	Metal	Arsenic	Total	=	52.2	µg/L	EPA 200.8	0.074	0.4			
2016/17-2	Lab	LCS, rec	12/13/2016	Metal	Arsenic	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	
2016/17-2	MO-MPK	matrix spike	12/8/2016	Metal	Arsenic	Total	=	55.6	µg/L	EPA 200.8	0.37	2			
2016/17-2	MO-MPK	matrix spike, rec	12/8/2016	Metal	Arsenic	Total	=	104	%	EPA 200.8	-88	-88	70	130	
2016/17-2	MO-MPK	matrix spike dup	12/8/2016	Metal	Arsenic	Total	=	53.7	µg/L	EPA 200.8	0.37	2			
2016/17-2	MO-MPK	matrix spike dup, rec	12/8/2016	Metal	Arsenic	Total	=	101	%	EPA 200.8	-88	-88	70	130	
2016/17-2	MO-MPK	matrix spike, RPD	12/8/2016	Metal	Arsenic	Total	=	3	%	EPA 200.8	-88	-88	0	30	
2016/17-2	MO-SIM	matrix spike	12/8/2016	Metal	Arsenic	Total	=	54.8	µg/L	EPA 200.8	0.37	2			
2016/17-2	MO-SIM	matrix spike, rec	12/8/2016	Metal	Arsenic	Total	=	105	%	EPA 200.8	-88	-88	70	130	
2016/17-2	MO-SIM	matrix spike dup	12/8/2016	Metal	Arsenic	Total	=	52	µg/L	EPA 200.8	0.37	2			
2016/17-2	MO-SIM	matrix spike dup, rec	12/8/2016	Metal	Arsenic	Total	=	99	%	EPA 200.8	-88	-88	70	130	
2016/17-2	MO-SIM	matrix spike, RPD	12/8/2016	Metal	Arsenic	Total	=	5	%	EPA 200.8	-88	-88	0	30	
2016/17-2	000NONPJ	matrix spike	12/13/2016	Metal	Barium	Total	=	95.5	µg/L	EPA 200.8	0.071	0.5			
2016/17-2	000NONPJ	matrix spike, rec	12/13/2016	Metal	Barium	Total	=	99	%	EPA 200.8	-88	-88	70	130	
2016/17-2	000NONPJ	matrix spike dup	12/13/2016	Metal	Barium	Total	=	104	µg/L	EPA 200.8	0.071	0.5			
2016/17-2	000NONPJ	matrix spike dup, rec	12/13/2016	Metal	Barium	Total	=	117	%	EPA 200.8	-88	-88	70	130	
2016/17-2	000NONPJ	matrix spike, RPD	12/13/2016	Metal	Barium	Total	=	9	%	EPA 200.8	-88	-88	0	30	
2016/17-2	000NONPJ	matrix spike	12/13/2016	Metal	Barium	Total	=	773	µg/L	EPA 200.8	0.28	2			GB
2016/17-2	000NONPJ	matrix spike, rec	12/13/2016	Metal	Barium	Total	=	1190	%	EPA 200.8	-88	-88	70	130	GB
2016/17-2	000NONPJ	matrix spike dup	12/13/2016	Metal	Barium	Total	=	754	µg/L	EPA 200.8	0.28	2			GB
2016/17-2	000NONPJ	matrix spike dup, rec	12/13/2016	Metal	Barium	Total	=	1150	%	EPA 200.8	-88	-88	70	130	GB
2016/17-2	000NONPJ	matrix spike, RPD	12/13/2016	Metal	Barium	Total	=	2	%	EPA 200.8	-88	-88	0	30	
2016/17-2	Lab	method blank	12/7/2016	Metal	Barium	Total	<	0.071	µg/L	EPA 200.8	0.071	0.5			
2016/17-2	Lab	LCS	12/7/2016	Metal	Barium	Total	=	46.4	µg/L	EPA 200.8	0.071	0.5			
2016/17-2	Lab	LCS, rec	12/7/2016	Metal	Barium	Total	=	93	%	EPA 200.8	-88	-88	85	115	
2016/17-2	Lab	method blank	12/13/2016	Metal	Barium	Total	<	0.071	µg/L	EPA 200.8	0.071	0.5			
2016/17-2	Lab	LCS	12/13/2016	Metal	Barium	Total	=	55.7	µg/L	EPA 200.8	0.071	0.5			
2016/17-2	Lab	LCS, rec	12/13/2016	Metal	Barium	Total	=	111	%	EPA 200.8	-88	-88	85	115	
2016/17-2	MO-MPK	matrix spike	12/7/2016	Metal	Barium	Total	=	115	µg/L	EPA 200.8	0.36	2.5			
2016/17-2	MO-MPK	matrix spike, rec	12/7/2016	Metal	Barium	Total	=	84	%	EPA 200.8	-88	-88	70	130	
2016/17-2	MO-MPK	matrix spike dup	12/7/2016	Metal	Barium	Total	=	113	µg/L	EPA 200.8	0.36	2.5			
2016/17-2	MO-MPK	matrix spike dup, rec	12/7/2016	Metal	Barium	Total	=	82	%	EPA 200.8	-88	-88	70	130	
2016/17-2	MO-MPK	matrix spike, RPD	12/7/2016	Metal	Barium	Total	=	1	%	EPA 200.8	-88	-88	0	30	
2016/17-2	MO-SIM	matrix spike	12/7/2016	Metal	Barium	Total	=	71	µg/L	EPA 200.8	0.071	0.5			
2016/17-2	MO-SIM	matrix spike, rec	12/7/2016	Metal	Barium	Total	=	88	%	EPA 200.8	-88	-88	70	130	
2016/17-2	MO-SIM	matrix spike dup	12/7/2016	Metal	Barium	Total	=	69.9	µg/L	EPA 200.8	0.071	0.5			
2016/17-2	MO-SIM	matrix spike dup, rec	12/7/2016	Metal	Barium	Total	=	86	%	EPA 200.8	-88	-88	70	130	
2016/17-2	MO-SIM	matrix spike, RPD	12/7/2016	Metal	Barium	Total	=	2	%	EPA 200.8	-88	-88	0	30	
2016/17-2	Lab	method blank	12/7/2016	Metal	Beryllium	Dissolved	<	0.033	µg/L	EPA 200.8	0.033	0.1			
2016/17-2	Lab	LCS	12/7/2016	Metal	Beryllium	Dissolved	=	49.7	µg/L	EPA 200.8	0.033	0.1			
2016/17-2	Lab	LCS, rec	12/7/2016	Metal	Beryllium	Dissolved	=	99	%	EPA 200.8	-88	-88	85	115	
2016/17-2	Lab	method blank	12/13/2016	Metal	Beryllium	Dissolved	<	0.033	µg/L	EPA 200.8	0.033	0.1			
2016/17-2	Lab	LCS	12/13/2016	Metal	Beryllium	Dissolved	=	54.5	µg/L	EPA 200.8	0.033	0.1			
2016/17-2	Lab	LCS, rec	12/13/2016	Metal	Beryllium	Dissolved	=	109	%	EPA 200.8	-88	-88	85	115	
2016/17-2	000NONPJ	matrix spike	12/13/2016	Metal	Beryllium	Total	=	55	µg/L	EPA 200.8	0.033	0.1			
2016/17-2	000NONPJ	matrix spike, rec	12/13/2016	Metal	Beryllium	Total	=	110	%	EPA 200.8	-88	-88	70	130	
2016/17-2	000NONPJ	matrix spike dup	12/13/2016	Metal	Beryllium	Total	=	58.1	µg/L	EPA 200.8	0.033	0.1			
2016/17-2	000NONPJ	matrix spike dup, rec	12/13/2016	Metal	Beryllium	Total	=	116	%	EPA 200.8	-88	-88	70	130	
2016/17-2	000NONPJ	matrix spike, RPD	12/13/2016	Metal	Beryllium	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	
2016/17-2	000NONPJ	matrix spike	12/13/2016	Metal	Beryllium	Total	=	55.4	µg/L	EPA 200.8	0.13	0.4			
2016/17-2	000NONPJ	matrix spike, rec	12/13/2016	Metal	Beryllium	Total	=	111	%	EPA 200.8	-88	-88	70	130	
2016/17-2	000NONPJ	matrix spike dup	12/13/2016	Metal	Beryllium	Total	=	53.3	µg/L	EPA 200.8	0.13	0.4			
2016/17-2	000NONPJ	matrix spike dup, rec	12/13/2016	Metal	Beryllium	Total	=	107	%	EPA 200.8	-88	-88	70	130	
2016/17-2	000NONPJ	matrix spike, RPD	12/13/2016	Metal	Beryllium	Total	=	4	%	EPA 200.8	-88	-88	0	30	
2016/17-2	Lab	method blank	12/7/2016	Metal	Beryllium	Total	<	0.033	µg/L	EPA 200.8	0.033	0.1			
2016/17-2	Lab	LCS	12/7/2016	Metal	Beryllium	Total	=	49.7	µg/L	EPA 200.8	0.033	0.1			
2016/17-2	Lab	LCS, rec	12/7/2016	Metal	Beryllium	Total	=	99	%	EPA 200.8	-88	-88	85	115	
2016/17-2	Lab	method blank	12/13/2016	Metal	Beryllium	Total	<	0.033	µg/L	EPA 200.8	0.033	0.1			
2016/17-2	Lab	LCS	12/13/2016	Metal	Beryllium	Total	=	54.5	µg/L	EPA 200.8	0.033	0.1			
2016/17-2	Lab	LCS, rec	12/13/2016	Metal	Beryllium	Total	=	109	%	EPA 200.8	-88	-88	85	115	
2016/17-2	MO-MPK	matrix spike	12/7/2016	Metal	Beryllium	Total	=	49	µg/L	EPA 200.8	0.16	0.5			
2016/17-2	MO-MPK	matrix spike, rec	12/7/2016	Metal	Beryllium	Total	=	98	%	EPA 200.8	-88	-88	70	130	
2016/17-2	MO-MPK	matrix spike dup	12/7/2016	Metal	Beryllium	Total	=	47.2	µg/L	EPA 200.8	0.16	0.5			
2016/17-2	MO-MPK	matrix spike dup, rec	12/7/2016	Metal	Beryllium	Total	=	94	%	EPA 200.8	-88	-88	70	130	
2016/17-2	MO-MPK	matrix spike, RPD	12/7/2016	Metal	Beryllium	Total	=	4	%	EPA 200.8	-88	-88	0	30	
2016/17-2	MO-SIM	matrix spike	12/7/2016	Metal	Beryllium	Total	=	50.8	µg/L	EPA 200.8	0.033	0.1			
2016/17-2	MO-SIM	matrix spike, rec	12/7/2016	Metal	Beryllium	Total	=	101	%	EPA 200.8	-88	-88	70	130	
2016/17-2	MO-SIM	matrix spike dup	12/7/2016	Metal	Beryllium	Total	=	48.4	µg/L	EPA 200.8	0.033	0.1			
2016/17-2	MO-SIM	matrix spike dup, rec	12/7/2016	Metal	Beryllium	Total	=	97	%	EPA 200.8	-88	-88	70	130	
2016/17-2	MO-SIM	matrix spike, RPD	12/7/2016	Metal	Beryllium	Total	=	5	%	EPA 200.8	-88	-88	0	30	
2016/17-2	Lab	method blank	12/7/2016	Metal	Cadmium	Dissolved	<	0.041	µg/L	EPA 200.8	0.041	0.1			
2016/17-2	Lab	LCS	12/7/2016	Metal	Cadmium	Dissolved	=	48.6	µg/L	EPA 200.8	0.041	0.1			
2016/17-2	Lab	LCS, rec	12/7/2016	Metal	Cadmium	Dissolved	=	97	%	EPA 200.8	-88	-88	85	115	
2016/17-2	Lab	method blank	12/13/2016	Metal	Cadmium	Dissolved	<	0.041	µg/L	EPA 200.8	0.041	0.1			
2016/17-2	Lab	LCS	12/13/2016	Metal	Cadmium	Dissolved	=	52	µg/L	EPA 200.8	0.041	0.1			
2016/17-2	Lab	LCS, rec	12/13/2016	Metal	Cadmium	Dissolved	=	104	%	EPA 200.8	-88	-88	85	115	
2016/17-2	000NONPJ	matrix spike	12/13/2016	Metal	Cadmium	Total	=	48.1	µg/L	EPA 200.8	0.041	0.1			
2016/17-2	000NONPJ	matrix spike, rec	12/13/2016	Metal	Cadmium	Total	=	96	%	EPA 200.8	-88	-88	70	130	
2016/17-2	000NONPJ	matrix spike dup	12/13/2016	Metal	Cadmium	Total	=	48.9	µg/L	EPA 200.8	0.041	0.1			
2016/17-2	000NONPJ	matrix spike dup, rec	12/13/2016	Metal	Cadmium	Total	=	98	%	EPA 200.8	-88	-88	70	130	
2016/17-2	000NONPJ	matrix spike, RPD	12/13/2016	Metal	Cadmium	Total	=	2	%	EPA 200.8	-88	-88	0	30	
2016/17-2	000NONPJ	matrix spike	12/13/2016	Metal	Cadmium	Total	=	46.9	µg/L	EPA 200.8	0.16	0.4			
2016/17-2	000NONPJ	matrix spike, rec	12/13/2016	Metal	Cadmium	Total	=	94	%	EPA 200.8	-88	-88	70	130	
2016/17-2	000NONPJ	matrix spike dup	12/13/2016	Metal	Cadmium	Total	=	50.4	µg/L	EPA 200.8	0.16	0.4			
2016/17-2	000NONPJ	matrix spike dup, rec	12/13/2016	Metal	Cadmium	Total	=	101	%	EPA 200.8	-88	-88	70	130	
2016/17-2	000NONPJ	matrix spike, RPD	12/13/2016	Metal	Cadmium	Total	=	7	%	EPA 200.8	-88	-88	0	30	
2016/17-2	Lab	method blank	12/8/2016	Metal	Cadmium	Total	<	0.041	µg/L	EPA 200.8	0.041	0.1			
2016/17-2	Lab	LCS	12/8/2016	Metal	Cadmium	Total	=	51.2	µg/L	EPA 200.8	0.041	0.1			
2016/17-2	Lab	LCS, rec	12/8/2016	Metal	Cadmium	Total	=	102	%	EPA 200.8	-88	-88	85	115	
2016/17-2	Lab	method blank	12/13/2016	Metal	Cadmium	Total	<	0.041	µg/L	EPA 200.8	0.041	0.1			
2016/17-2	Lab	LCS	12/13/2016	Metal	Cadmium	Total	=	52	µg/L	EPA 200.8	0.041	0.1			
2016/17-2	Lab	LCS, rec	12/13/2016	Metal	Cadmium	Total	=	104	%	EPA 200.8	-88	-88	85	115	
2016/17-2	MO-MPK	matrix spike	12/8/2016	Metal	Cadmium	Total	=	51.7	µg/L	EPA 200.8	0.2	0.5			
2016/17-2	MO-MPK	matrix spike, rec	12/8/2016	Metal	Cadmium	Total	=	103	%	EPA 200.8	-88	-88	70	130	
2016/17-2	MO-MPK	matrix spike dup	12/8/2016	Metal	Cadmium	Total	=	50.5	µg/L	EPA 200.8	0.2	0.5			
2016/17-2	MO-MPK	matrix spike dup, rec	12/8/2016	Metal	Cadmium	Total	=	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	
2016/17-2	MO-MPK	matrix spike, RPD	12/8/2016	Metal	Cadmium	Total	=	2	%	EPA 200.8	-88	-88	0	30	
2016/17-2	MO-SIM	matrix spike	12/8/2016	Metal	Cadmium	Total	=	52.8	µg/L	EPA 200.8	0.2	0.5			
2016/17-2	MO-SIM	matrix spike, rec	12/8/2016	Metal	Cadmium	Total	=	105	%	EPA 200.8	-88	-88	70	130	
2016/17-2	MO-SIM	matrix spike dup	12/8/2016	Metal	Cadmium	Total	=	50.3	µg/L	EPA 200.8	0.2	0.5			
2016/17-2	MO-SIM	matrix spike dup, rec	12/8/2016	Metal	Cadmium	Total	=	100	%	EPA 200.8	-88	-88	70	130	
2016/17-2	MO-SIM	matrix spike, RPD	12/8/2016	Metal	Cadmium	Total	=	5	%	EPA 200.8	-88	-88	0	30	
2016/17-2	Lab	method blank	12/7/2016	Metal	Chromium	Dissolved	DNQ	0.0639	µg/L	EPA 200.8	0.035	0.2			IP
2016/17-2	Lab	LCS	12/7/2016	Metal	Chromium	Dissolved	=	45.1	µg/L	EPA 200.8	0.035	0.2			
2016/17-2	Lab	LCS, rec	12/7/2016	Metal	Chromium	Dissolved	=	90	%	EPA 200.8	-88	-88	85	115	
2016/17-2	Lab	method blank	12/9/2016	Metal	Chromium	Dissolved	DNQ	0.0383	µg/L	EPA 200.8	0.035	0.2			IP
2016/17-2	Lab	LCS	12/9/2016	Metal	Chromium	Dissolved	=	46.4	µg/L	EPA 200.8	0.035	0.2			
2016/17-2	Lab	LCS, rec	12/9/2016	Metal	Chromium	Dissolved	=	93	%	EPA 200.8	-88	-88	85	115	
2016/17-2	Lab	method blank	12/13/2016	Metal	Chromium	Dissolved	<	0.035	µg/L	EPA 200.8	0.035	0.2			
2016/17-2	Lab	LCS	12/13/2016	Metal	Chromium	Dissolved	=	53	µg/L	EPA 200.8	0.035	0.2			
2016/17-2	Lab	LCS, rec	12/13/2016	Metal	Chromium	Dissolved	=	106	%	EPA 200.8	-88	-88	85	115	
2016/17-2	ME-CC	matrix spike	12/9/2016	Metal	Chromium	Dissolved	=	49.9	µg/L	EPA 200.8	0.035	0.2			
2016/17-2	ME-CC	matrix spike, rec	12/9/2016	Metal	Chromium	Dissolved	=	99	%	EPA 200.8	-88	-88	70	130	
2016/17-2	ME-CC	matrix spike dup	12/9/2016	Metal	Chromium	Dissolved	=	50.2	µg/L	EPA 200.8	0.035	0.2			
2016/17-2	ME-CC	matrix spike dup, rec	12/9/2016	Metal	Chromium	Dissolved	=	100	%	EPA 200.8	-88	-88	70	130	
2016/17-2	ME-CC	matrix spike, RPD	12/9/2016	Metal	Chromium	Dissolved	=	0.6	%	EPA 200.8	-88	-88	0	30	
2016/17-2	000NONPJ	matrix spike	12/13/2016	Metal	Chromium	Total	=	51.1	µg/L	EPA 200.8	0.035	0.2			
2016/17-2	000NONPJ	matrix spike, rec	12/13/2016	Metal	Chromium	Total	=	97	%	EPA 200.8	-88	-88	70	130	
2016/17-2	000NONPJ	matrix spike dup	12/13/2016	Metal	Chromium	Total	=	51.3	µg/L	EPA 200.8	0.035	0.2			
2016/17-2	000NONPJ	matrix spike dup, rec	12/13/2016	Metal	Chromium	Total	=	97	%	EPA 200.8	-88	-88	70	130	
2016/17-2	000NONPJ	matrix spike, RPD	12/13/2016	Metal	Chromium	Total	=	0.3	%	EPA 200.8	-88	-88	0	30	
2016/17-2	000NONPJ	matrix spike	12/13/2016	Metal	Chromium	Total	=	52.5	µg/L	EPA 200.8	0.14	0.8			
2016/17-2	000NONPJ	matrix spike, rec	12/13/2016	Metal	Chromium	Total	=	103	%	EPA 200.8	-88	-88	70	130	
2016/17-2	000NONPJ	matrix spike dup	12/13/2016	Metal	Chromium	Total	=	57.6	µg/L	EPA 200.8	0.14	0.8			
2016/17-2	000NONPJ	matrix spike dup, rec	12/13/2016	Metal	Chromium	Total	=	113	%	EPA 200.8	-88	-88	70	130	
2016/17-2	000NONPJ	matrix spike, RPD	12/13/2016	Metal	Chromium	Total	=	9	%	EPA 200.8	-88	-88	0	30	
2016/17-2	Lab	method blank	12/8/2016	Metal	Chromium	Total	<	0.035	µg/L	EPA 200.8	0.035	0.2			
2016/17-2	Lab	LCS	12/8/2016	Metal	Chromium	Total	=	49.5	µg/L	EPA 200.8	0.035	0.2			
2016/17-2	Lab	LCS, rec	12/8/2016	Metal	Chromium	Total	=	99	%	EPA 200.8	-88	-88	85	115	
2016/17-2	Lab	method blank	12/13/2016	Metal	Chromium	Total	<	0.035	µg/L	EPA 200.8	0.035	0.2			
2016/17-2	Lab	LCS	12/13/2016	Metal	Chromium	Total	=	53	µg/L	EPA 200.8	0.035	0.2			
2016/17-2	Lab	LCS, rec	12/13/2016	Metal	Chromium	Total	=	106	%	EPA 200.8	-88	-88	85	115	
2016/17-2	MO-MPK	matrix spike	12/8/2016	Metal	Chromium	Total	=	58.1	µg/L	EPA 200.8	0.18	1			
2016/17-2	MO-MPK	matrix spike, rec	12/8/2016	Metal	Chromium	Total	=	100	%	EPA 200.8	-88	-88	70	130	
2016/17-2	MO-MPK	matrix spike dup	12/8/2016	Metal	Chromium	Total	=	56.4	µg/L	EPA 200.8	0.18	1			
2016/17-2	MO-MPK	matrix spike dup, rec	12/8/2016	Metal	Chromium	Total	=	97	%	EPA 200.8	-88	-88	70	130	
2016/17-2	MO-MPK	matrix spike, RPD	12/8/2016	Metal	Chromium	Total	=	3	%	EPA 200.8	-88	-88	0	30	
2016/17-2	MO-SIM	matrix spike	12/8/2016	Metal	Chromium	Total	=	61.3	µg/L	EPA 200.8	0.18	1			
2016/17-2	MO-SIM	matrix spike, rec	12/8/2016	Metal	Chromium	Total	=	113	%	EPA 200.8	-88	-88	70	130	
2016/17-2	MO-SIM	matrix spike dup	12/8/2016	Metal	Chromium	Total	=	55.5	µg/L	EPA 200.8	0.18	1			
2016/17-2	MO-SIM	matrix spike dup, rec	12/8/2016	Metal	Chromium	Total	=	102	%	EPA 200.8	-88	-88	70	130	
2016/17-2	MO-SIM	matrix spike, RPD	12/8/2016	Metal	Chromium	Total	=	10	%	EPA 200.8	-88	-88	0	30	
2016/17-2	000NONPJ	matrix spike	12/2/2016	Metal	Chromium VI	n/a	=	5.45	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	
2016/17-2	000NONPJ	matrix spike	12/2/2016	Metal	Chromium VI	n/a	=	5.21	µg/L	EPA 218.6	0.0048	0.02			
2016/17-2	000NONPJ	matrix spike dup	12/2/2016	Metal	Chromium VI	n/a	=	5.27	µg/L	EPA 218.6	0.0048	0.02			
2016/17-2	000NONPJ	matrix spike dup	12/2/2016	Metal	Chromium VI	n/a	=	5.31	µg/L	EPA 218.6	0.0048	0.02			
2016/17-2	000NONPJ	matrix spike dup, rec	12/2/2016	Metal	Chromium VI	n/a	=	101	%	EPA 218.6	-88	-88	88	112	
2016/17-2	000NONPJ	matrix spike dup, rec	12/2/2016	Metal	Chromium VI	n/a	=	95	%	EPA 218.6	-88	-88	88	112	
2016/17-2	000NONPJ	matrix spike, rec	12/2/2016	Metal	Chromium VI	n/a	=	99	%	EPA 218.6	-88	-88	88	112	
2016/17-2	000NONPJ	matrix spike, rec	12/2/2016	Metal	Chromium VI	n/a	=	98	%	EPA 218.6	-88	-88	88	112	
2016/17-2	000NONPJ	matrix spike, RPD	12/2/2016	Metal	Chromium VI	n/a	=	3	%	EPA 218.6	-88	-88	0	10	
2016/17-2	000NONPJ	matrix spike, RPD	12/2/2016	Metal	Chromium VI	n/a	=	2	%	EPA 218.6	-88	-88	0	10	
2016/17-2	Lab	LCS	12/2/2016	Metal	Chromium VI	n/a	=	4.98	µg/L	EPA 218.6	0.0048	0.02			
2016/17-2	Lab	LCS, rec	12/2/2016	Metal	Chromium VI	n/a	=	100	%	EPA 218.6	-88	-88	90	110	
2016/17-2	Lab	method blank	12/2/2016	Metal	Chromium VI	n/a	<	0.0048	µg/L	EPA 218.6	0.0048	0.02			
2016/17-2	Lab	method blank	12/7/2016	Metal	Copper	Dissolved	<	0.13	µg/L	EPA 200.8	0.13	0.5			
2016/17-2	Lab	LCS	12/7/2016	Metal	Copper	Dissolved	=	48.3	µg/L	EPA 200.8	0.13	0.5			
2016/17-2	Lab	LCS, rec	12/7/2016	Metal	Copper	Dissolved	=	97	%	EPA 200.8	-88	-88	85	115	
2016/17-2	Lab	method blank	12/13/2016	Metal	Copper	Dissolved	<	0.13	µg/L	EPA 200.8	0.13	0.5			
2016/17-2	Lab	LCS	12/13/2016	Metal	Copper	Dissolved	=	53.7	µg/L	EPA 200.8	0.13	0.5			
2016/17-2	Lab	LCS, rec	12/13/2016	Metal	Copper	Dissolved	=	107	%	EPA 200.8	-88	-88	85	115	
2016/17-2	000NONPJ	matrix spike	12/13/2016	Metal	Copper	Total	=	59.9	µg/L	EPA 200.8	0.13	0.5			
2016/17-2	000NONPJ	matrix spike, rec	12/13/2016	Metal	Copper	Total	=	94	%	EPA 200.8	-88	-88	70	130	
2016/17-2	000NONPJ	matrix spike dup	12/13/2016	Metal	Copper	Total	=	61.2	µg/L	EPA 200.8	0.13	0.5			
2016/17-2	000NONPJ	matrix spike dup, rec	12/13/2016	Metal	Copper	Total	=	97	%	EPA 200.8	-88	-88	70	130	
2016/17-2	000NONPJ	matrix spike, RPD	12/13/2016	Metal	Copper	Total	=	2	%	EPA 200.8	-88	-88	0	30	
2016/17-2	000NONPJ	matrix spike	12/13/2016	Metal	Copper	Total	=	45.9	µg/L	EPA 200.8	0.52	2			
2016/17-2	000NONPJ	matrix spike, rec	12/13/2016	Metal	Copper	Total	=	90	%	EPA 200.8	-88	-88	70	130	
2016/17-2	000NONPJ	matrix spike dup	12/13/2016	Metal	Copper	Total	=	51	µg/L	EPA 200.8	0.52	2			
2016/17-2	000NONPJ	matrix spike dup, rec	12/13/2016	Metal	Copper	Total	=	101	%	EPA 200.8	-88	-88	70	130	
2016/17-2	000NONPJ	matrix spike, RPD	12/13/2016	Metal	Copper	Total	=	10	%	EPA 200.8	-88	-88	0	30	
2016/17-2	Lab	method blank	12/8/2016	Metal	Copper	Total	<	0.13	µg/L	EPA 200.8	0.13	0.5			
2016/17-2	Lab	LCS	12/8/2016	Metal	Copper	Total	=	51.2	µg/L	EPA 200.8	0.13	0.5			
2016/17-2	Lab	LCS, rec	12/8/2016	Metal	Copper	Total	=	102	%	EPA 200.8	-88	-88	85	115	
2016/17-2	Lab	method blank	12/13/2016	Metal	Copper	Total	<	0.13	µg/L	EPA 200.8	0.13	0.5			
2016/17-2	Lab	LCS	12/13/2016	Metal	Copper	Total	=	53.7	µg/L	EPA 200.8	0.13	0.5			
2016/17-2	Lab	LCS, rec	12/13/2016	Metal	Copper	Total	=	107	%	EPA 200.8	-88	-88	85	115	
2016/17-2	MO-MPK	matrix spike	12/8/2016	Metal	Copper	Total	=	71.9	µg/L	EPA 200.8	0.65	2.5			
2016/17-2	MO-MPK	matrix spike, rec	12/8/2016	Metal	Copper	Total	=	102	%	EPA 200.8	-88	-88	70	130	
2016/17-2	MO-MPK	matrix spike dup	12/8/2016	Metal	Copper	Total	=	69	µg/L	EPA 200.8	0.65	2.5			
2016/17-2	MO-MPK	matrix spike dup, rec	12/8/2016	Metal	Copper	Total	=	96	%	EPA 200.8	-88	-88	70	130	
2016/17-2	MO-MPK	matrix spike, RPD	12/8/2016	Metal	Copper	Total	=	4	%	EPA 200.8	-88	-88	0	30	
2016/17-2	MO-SIM	matrix spike	12/8/2016	Metal	Copper	Total	=	72.4	µg/L	EPA 200.8	0.65	2.5			
2016/17-2	MO-SIM	matrix spike, rec	12/8/2016	Metal	Copper	Total	=	107	%	EPA 200.8	-88	-88	70	130	
2016/17-2	MO-SIM	matrix spike dup	12/8/2016	Metal	Copper	Total	=	68.2	µg/L	EPA 200.8	0.65	2.5			
2016/17-2	MO-SIM	matrix spike dup, rec	12/8/2016	Metal	Copper	Total	=	99	%	EPA 200.8	-88	-88	70	130	
2016/17-2	MO-SIM	matrix spike, RPD	12/8/2016	Metal	Copper	Total	=	6	%	EPA 200.8	-88	-88	0	30	
2016/17-2	Lab	method blank	12/2/2016	Metal	Iron	Dissolved	<	1.1	µg/L	EPA 200.7	1.1	10			
2016/17-2	Lab	LCS	12/2/2016	Metal	Iron	Dissolved	=	190	µg/L	EPA 200.7	1.1	10			
2016/17-2	Lab	LCS, rec	12/2/2016	Metal	Iron	Dissolved	=	95	%	EPA 200.7	-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	
2016/17-2	Lab	method blank	12/7/2016	Metal	Iron	Dissolved	<	1.1	µg/L	EPA 200.7	1.1	10			
2016/17-2	Lab	method blank	12/7/2016	Metal	Iron	Dissolved	<	1.1	µg/L	EPA 200.7	1.1	10			
2016/17-2	Lab	LCS	12/7/2016	Metal	Iron	Dissolved	=	183	µg/L	EPA 200.7	1.1	10			
2016/17-2	Lab	LCS, rec	12/7/2016	Metal	Iron	Dissolved	=	91	%	EPA 200.7	-88	-88	85	115	
2016/17-2	000NONPJ	matrix spike	12/7/2016	Metal	Iron	Total	=	545	µg/L	EPA 200.7	2.2	20			
2016/17-2	000NONPJ	matrix spike, rec	12/7/2016	Metal	Iron	Total	=	105	%	EPA 200.7	-88	-88	70	130	
2016/17-2	000NONPJ	matrix spike dup	12/7/2016	Metal	Iron	Total	=	528	µg/L	EPA 200.7	2.2	20			
2016/17-2	000NONPJ	matrix spike dup, rec	12/7/2016	Metal	Iron	Total	=	96	%	EPA 200.7	-88	-88	70	130	
2016/17-2	000NONPJ	matrix spike, RPD	12/7/2016	Metal	Iron	Total	=	3	%	EPA 200.7	-88	-88	0	30	
2016/17-2	000NONPJ	matrix spike	12/7/2016	Metal	Iron	Total	=	477	µg/L	EPA 200.7	2.2	20			
2016/17-2	000NONPJ	matrix spike, rec	12/7/2016	Metal	Iron	Total	=	96	%	EPA 200.7	-88	-88	70	130	
2016/17-2	000NONPJ	matrix spike dup	12/7/2016	Metal	Iron	Total	=	491	µg/L	EPA 200.7	2.2	20			
2016/17-2	000NONPJ	matrix spike dup, rec	12/7/2016	Metal	Iron	Total	=	104	%	EPA 200.7	-88	-88	70	130	
2016/17-2	000NONPJ	matrix spike, RPD	12/7/2016	Metal	Iron	Total	=	3	%	EPA 200.7	-88	-88	0	30	
2016/17-2	Lab	method blank	12/2/2016	Metal	Iron	Total	<	1.1	µg/L	EPA 200.7	1.1	10			
2016/17-2	Lab	LCS	12/2/2016	Metal	Iron	Total	=	190	µg/L	EPA 200.7	1.1	10			
2016/17-2	Lab	LCS, rec	12/2/2016	Metal	Iron	Total	=	95	%	EPA 200.7	-88	-88	85	115	
2016/17-2	Lab	method blank	12/7/2016	Metal	Iron	Total	<	1.1	µg/L	EPA 200.7	1.1	10			
2016/17-2	Lab	LCS	12/7/2016	Metal	Iron	Total	=	183	µg/L	EPA 200.7	1.1	10			
2016/17-2	Lab	LCS, rec	12/7/2016	Metal	Iron	Total	=	91	%	EPA 200.7	-88	-88	85	115	
2016/17-2	ME-CC	matrix spike	12/2/2016	Metal	Iron	Total	=	6000	µg/L	EPA 200.7	1.1	10			
2016/17-2	ME-CC	matrix spike, rec	12/2/2016	Metal	Iron	Total	=	87	%	EPA 200.7	-88	-88	70	130	
2016/17-2	ME-CC	matrix spike dup	12/2/2016	Metal	Iron	Total	=	5720	µg/L	EPA 200.7	1.1	10			GB
2016/17-2	ME-CC	matrix spike dup, rec	12/2/2016	Metal	Iron	Total	=	-52	%	EPA 200.7	-88	-88	70	130	GB
2016/17-2	ME-CC	matrix spike, RPD	12/2/2016	Metal	Iron	Total	=	5	%	EPA 200.7	-88	-88	0	30	
2016/17-2	MO-MEI	matrix spike	12/2/2016	Metal	Iron	Total	=	2620	µg/L	EPA 200.7	1.1	10			GB
2016/17-2	MO-MEI	matrix spike, rec	12/2/2016	Metal	Iron	Total	=	171	%	EPA 200.7	-88	-88	70	130	GB
2016/17-2	MO-MEI	matrix spike dup	12/2/2016	Metal	Iron	Total	=	2450	µg/L	EPA 200.7	1.1	10			
2016/17-2	MO-MEI	matrix spike dup, rec	12/2/2016	Metal	Iron	Total	=	87	%	EPA 200.7	-88	-88	70	130	
2016/17-2	MO-MEI	matrix spike, RPD	12/2/2016	Metal	Iron	Total	=	7	%	EPA 200.7	-88	-88	0	30	
2016/17-2	Lab	method blank	12/7/2016	Metal	Lead	Dissolved	<	0.031	µg/L	EPA 200.8	0.031	0.2			
2016/17-2	Lab	LCS	12/7/2016	Metal	Lead	Dissolved	=	48.1	µg/L	EPA 200.8	0.031	0.2			
2016/17-2	Lab	LCS, rec	12/7/2016	Metal	Lead	Dissolved	=	96	%	EPA 200.8	-88	-88	85	115	
2016/17-2	Lab	method blank	12/13/2016	Metal	Lead	Dissolved	<	0.031	µg/L	EPA 200.8	0.031	0.2			
2016/17-2	Lab	LCS	12/13/2016	Metal	Lead	Dissolved	=	53.7	µg/L	EPA 200.8	0.031	0.2			
2016/17-2	Lab	LCS, rec	12/13/2016	Metal	Lead	Dissolved	=	107	%	EPA 200.8	-88	-88	85	115	
2016/17-2	000NONPJ	matrix spike	12/13/2016	Metal	Lead	Total	=	52.4	µg/L	EPA 200.8	0.031	0.2			
2016/17-2	000NONPJ	matrix spike, rec	12/13/2016	Metal	Lead	Total	=	99	%	EPA 200.8	-88	-88	70	130	
2016/17-2	000NONPJ	matrix spike dup	12/13/2016	Metal	Lead	Total	=	56.3	µg/L	EPA 200.8	0.031	0.2			
2016/17-2	000NONPJ	matrix spike dup, rec	12/13/2016	Metal	Lead	Total	=	107	%	EPA 200.8	-88	-88	70	130	
2016/17-2	000NONPJ	matrix spike, RPD	12/13/2016	Metal	Lead	Total	=	7	%	EPA 200.8	-88	-88	0	30	
2016/17-2	000NONPJ	matrix spike	12/13/2016	Metal	Lead	Total	=	51.5	µg/L	EPA 200.8	0.12	0.8			
2016/17-2	000NONPJ	matrix spike, rec	12/13/2016	Metal	Lead	Total	=	103	%	EPA 200.8	-88	-88	70	130	
2016/17-2	000NONPJ	matrix spike dup	12/13/2016	Metal	Lead	Total	=	50.2	µg/L	EPA 200.8	0.12	0.8			
2016/17-2	000NONPJ	matrix spike dup, rec	12/13/2016	Metal	Lead	Total	=	100	%	EPA 200.8	-88	-88	70	130	
2016/17-2	000NONPJ	matrix spike, RPD	12/13/2016	Metal	Lead	Total	=	3	%	EPA 200.8	-88	-88	0	30	
2016/17-2	Lab	method blank	12/7/2016	Metal	Lead	Total	<	0.031	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	
2016/17-2	Lab	LCS	12/7/2016	Metal	Lead	Total	=	48.1	µg/L	EPA 200.8	0.031	0.2			
2016/17-2	Lab	LCS, rec	12/7/2016	Metal	Lead	Total	=	96	%	EPA 200.8	-88	-88	85	115	
2016/17-2	Lab	method blank	12/13/2016	Metal	Lead	Total	<	0.031	µg/L	EPA 200.8	0.031	0.2			
2016/17-2	Lab	LCS	12/13/2016	Metal	Lead	Total	=	53.7	µg/L	EPA 200.8	0.031	0.2			
2016/17-2	Lab	LCS, rec	12/13/2016	Metal	Lead	Total	=	107	%	EPA 200.8	-88	-88	85	115	
2016/17-2	MO-MPK	matrix spike	12/7/2016	Metal	Lead	Total	=	51.7	µg/L	EPA 200.8	0.16	1			
2016/17-2	MO-MPK	matrix spike, rec	12/7/2016	Metal	Lead	Total	=	90	%	EPA 200.8	-88	-88	70	130	
2016/17-2	MO-MPK	matrix spike dup	12/7/2016	Metal	Lead	Total	=	51.8	µg/L	EPA 200.8	0.16	1			
2016/17-2	MO-MPK	matrix spike dup, rec	12/7/2016	Metal	Lead	Total	=	91	%	EPA 200.8	-88	-88	70	130	
2016/17-2	MO-MPK	matrix spike, RPD	12/7/2016	Metal	Lead	Total	=	0.09	%	EPA 200.8	-88	-88	0	30	
2016/17-2	MO-SIM	matrix spike	12/7/2016	Metal	Lead	Total	=	52.3	µg/L	EPA 200.8	0.031	0.2			
2016/17-2	MO-SIM	matrix spike, rec	12/7/2016	Metal	Lead	Total	=	98	%	EPA 200.8	-88	-88	70	130	
2016/17-2	MO-SIM	matrix spike dup	12/7/2016	Metal	Lead	Total	=	51.3	µg/L	EPA 200.8	0.031	0.2			
2016/17-2	MO-SIM	matrix spike dup, rec	12/7/2016	Metal	Lead	Total	=	96	%	EPA 200.8	-88	-88	70	130	
2016/17-2	MO-SIM	matrix spike, RPD	12/7/2016	Metal	Lead	Total	=	2	%	EPA 200.8	-88	-88	0	30	
2016/17-2	Lab	method blank	12/2/2016	Metal	Mercury	Dissolved	<	17	ng/L	EPA 245.1	17	50			
2016/17-2	Lab	LCS	12/2/2016	Metal	Mercury	Dissolved	=	964	ng/L	EPA 245.1	17	50			
2016/17-2	Lab	LCS, rec	12/2/2016	Metal	Mercury	Dissolved	=	96	%	EPA 245.1	-88	-88	85	115	
2016/17-2	Lab	method blank	12/2/2016	Metal	Mercury	Dissolved	DNQ	22	ng/L	EPA 245.1	17	50			IP
2016/17-2	Lab	LCS	12/2/2016	Metal	Mercury	Dissolved	=	915	ng/L	EPA 245.1	17	50			
2016/17-2	Lab	LCS, rec	12/2/2016	Metal	Mercury	Dissolved	=	92	%	EPA 245.1	-88	-88	85	115	
2016/17-2	ME-VR2	matrix spike	12/2/2016	Metal	Mercury	Dissolved	=	932	ng/L	EPA 245.1	17	50			
2016/17-2	ME-VR2	matrix spike, rec	12/2/2016	Metal	Mercury	Dissolved	=	93	%	EPA 245.1	-88	-88	70	130	
2016/17-2	ME-VR2	matrix spike dup	12/2/2016	Metal	Mercury	Dissolved	=	909	ng/L	EPA 245.1	17	50			
2016/17-2	ME-VR2	matrix spike dup, rec	12/2/2016	Metal	Mercury	Dissolved	=	91	%	EPA 245.1	-88	-88	70	130	
2016/17-2	ME-VR2	matrix spike, RPD	12/2/2016	Metal	Mercury	Dissolved	=	2	%	EPA 245.1	-88	-88	0	20	
2016/17-2	MO-CAM	matrix spike	12/2/2016	Metal	Mercury	Dissolved	=	850	ng/L	EPA 245.1	17	50			
2016/17-2	MO-CAM	matrix spike, rec	12/2/2016	Metal	Mercury	Dissolved	=	85	%	EPA 245.1	-88	-88	70	130	
2016/17-2	MO-CAM	matrix spike dup	12/2/2016	Metal	Mercury	Dissolved	=	873	ng/L	EPA 245.1	17	50			
2016/17-2	MO-CAM	matrix spike dup, rec	12/2/2016	Metal	Mercury	Dissolved	=	87	%	EPA 245.1	-88	-88	70	130	
2016/17-2	MO-CAM	matrix spike, RPD	12/2/2016	Metal	Mercury	Dissolved	=	3	%	EPA 245.1	-88	-88	0	20	
2016/17-2	MO-OXN	matrix spike	12/2/2016	Metal	Mercury	Dissolved	=	819	ng/L	EPA 245.1	17	50			
2016/17-2	MO-OXN	matrix spike, rec	12/2/2016	Metal	Mercury	Dissolved	=	82	%	EPA 245.1	-88	-88	70	130	
2016/17-2	MO-OXN	matrix spike dup	12/2/2016	Metal	Mercury	Dissolved	=	798	ng/L	EPA 245.1	17	50			
2016/17-2	MO-OXN	matrix spike dup, rec	12/2/2016	Metal	Mercury	Dissolved	=	80	%	EPA 245.1	-88	-88	70	130	
2016/17-2	MO-OXN	matrix spike, RPD	12/2/2016	Metal	Mercury	Dissolved	=	3	%	EPA 245.1	-88	-88	0	20	
2016/17-2	Lab	method blank	12/2/2016	Metal	Mercury	Total	<	17	ng/L	EPA 245.1	17	50			
2016/17-2	Lab	LCS	12/2/2016	Metal	Mercury	Total	=	964	ng/L	EPA 245.1	17	50			
2016/17-2	Lab	LCS, rec	12/2/2016	Metal	Mercury	Total	=	96	%	EPA 245.1	-88	-88	85	115	
2016/17-2	Lab	method blank	12/2/2016	Metal	Mercury	Total	DNQ	22	ng/L	EPA 245.1	17	50			IP
2016/17-2	Lab	LCS	12/2/2016	Metal	Mercury	Total	=	915	ng/L	EPA 245.1	17	50			
2016/17-2	Lab	LCS, rec	12/2/2016	Metal	Mercury	Total	=	92	%	EPA 245.1	-88	-88	85	115	
2016/17-2	ME-VR2	matrix spike	12/2/2016	Metal	Mercury	Total	=	932	ng/L	EPA 245.1	17	50			
2016/17-2	ME-VR2	matrix spike, rec	12/2/2016	Metal	Mercury	Total	=	93	%	EPA 245.1	-88	-88	70	130	
2016/17-2	ME-VR2	matrix spike dup	12/2/2016	Metal	Mercury	Total	=	909	ng/L	EPA 245.1	17	50			
2016/17-2	ME-VR2	matrix spike dup, rec	12/2/2016	Metal	Mercury	Total	=	91	%	EPA 245.1	-88	-88	70	130	
2016/17-2	ME-VR2	matrix spike, RPD	12/2/2016	Metal	Mercury	Total	=	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	
2016/17-2	MO-CAM	matrix spike	12/2/2016	Metal	Mercury	Total	=	850	ng/L	EPA 245.1	17	50			
2016/17-2	MO-CAM	matrix spike, rec	12/2/2016	Metal	Mercury	Total	=	83	%	EPA 245.1	-88	-88	70	130	
2016/17-2	MO-CAM	matrix spike dup	12/2/2016	Metal	Mercury	Total	=	873	ng/L	EPA 245.1	17	50			
2016/17-2	MO-CAM	matrix spike dup, rec	12/2/2016	Metal	Mercury	Total	=	85	%	EPA 245.1	-88	-88	70	130	
2016/17-2	MO-CAM	matrix spike, RPD	12/2/2016	Metal	Mercury	Total	=	3	%	EPA 245.1	-88	-88	0	20	
2016/17-2	MO-OXN	matrix spike	12/2/2016	Metal	Mercury	Total	=	819	ng/L	EPA 245.1	17	50			
2016/17-2	MO-OXN	matrix spike, rec	12/2/2016	Metal	Mercury	Total	=	78	%	EPA 245.1	-88	-88	70	130	
2016/17-2	MO-OXN	matrix spike dup	12/2/2016	Metal	Mercury	Total	=	798	ng/L	EPA 245.1	17	50			
2016/17-2	MO-OXN	matrix spike dup, rec	12/2/2016	Metal	Mercury	Total	=	76	%	EPA 245.1	-88	-88	70	130	
2016/17-2	MO-OXN	matrix spike, RPD	12/2/2016	Metal	Mercury	Total	=	3	%	EPA 245.1	-88	-88	0	20	
2016/17-2	Lab	method blank	12/7/2016	Metal	Nickel	Dissolved	<	0.045	µg/L	EPA 200.8	0.045	0.8			
2016/17-2	Lab	LCS	12/7/2016	Metal	Nickel	Dissolved	=	46.9	µg/L	EPA 200.8	0.045	0.8			
2016/17-2	Lab	LCS, rec	12/7/2016	Metal	Nickel	Dissolved	=	94	%	EPA 200.8	-88	-88	85	115	
2016/17-2	Lab	method blank	12/13/2016	Metal	Nickel	Dissolved	<	0.045	µg/L	EPA 200.8	0.045	0.8			
2016/17-2	Lab	LCS	12/13/2016	Metal	Nickel	Dissolved	=	54.1	µg/L	EPA 200.8	0.045	0.8			
2016/17-2	Lab	LCS, rec	12/13/2016	Metal	Nickel	Dissolved	=	108	%	EPA 200.8	-88	-88	85	115	
2016/17-2	000NONPJ	matrix spike	12/13/2016	Metal	Nickel	Total	=	49.3	µg/L	EPA 200.8	0.045	0.8			
2016/17-2	000NONPJ	matrix spike, rec	12/13/2016	Metal	Nickel	Total	=	94	%	EPA 200.8	-88	-88	70	130	
2016/17-2	000NONPJ	matrix spike dup	12/13/2016	Metal	Nickel	Total	=	49.8	µg/L	EPA 200.8	0.045	0.8			
2016/17-2	000NONPJ	matrix spike dup, rec	12/13/2016	Metal	Nickel	Total	=	95	%	EPA 200.8	-88	-88	70	130	
2016/17-2	000NONPJ	matrix spike, RPD	12/13/2016	Metal	Nickel	Total	=	1	%	EPA 200.8	-88	-88	0	30	
2016/17-2	000NONPJ	matrix spike	12/13/2016	Metal	Nickel	Total	=	47.2	µg/L	EPA 200.8	0.18	3.2			
2016/17-2	000NONPJ	matrix spike, rec	12/13/2016	Metal	Nickel	Total	=	93	%	EPA 200.8	-88	-88	70	130	
2016/17-2	000NONPJ	matrix spike dup	12/13/2016	Metal	Nickel	Total	=	52.2	µg/L	EPA 200.8	0.18	3.2			
2016/17-2	000NONPJ	matrix spike dup, rec	12/13/2016	Metal	Nickel	Total	=	103	%	EPA 200.8	-88	-88	70	130	
2016/17-2	000NONPJ	matrix spike, RPD	12/13/2016	Metal	Nickel	Total	=	10	%	EPA 200.8	-88	-88	0	30	
2016/17-2	Lab	method blank	12/8/2016	Metal	Nickel	Total	<	0.045	µg/L	EPA 200.8	0.045	0.8			
2016/17-2	Lab	LCS	12/8/2016	Metal	Nickel	Total	=	50.7	µg/L	EPA 200.8	0.045	0.8			
2016/17-2	Lab	LCS, rec	12/8/2016	Metal	Nickel	Total	=	101	%	EPA 200.8	-88	-88	85	115	
2016/17-2	Lab	method blank	12/13/2016	Metal	Nickel	Total	<	0.045	µg/L	EPA 200.8	0.045	0.8			
2016/17-2	Lab	LCS	12/13/2016	Metal	Nickel	Total	=	54.1	µg/L	EPA 200.8	0.045	0.8			
2016/17-2	Lab	LCS, rec	12/13/2016	Metal	Nickel	Total	=	108	%	EPA 200.8	-88	-88	85	115	
2016/17-2	MO-MPK	matrix spike	12/8/2016	Metal	Nickel	Total	=	60.4	µg/L	EPA 200.8	0.22	4			
2016/17-2	MO-MPK	matrix spike, rec	12/8/2016	Metal	Nickel	Total	=	102	%	EPA 200.8	-88	-88	70	130	
2016/17-2	MO-MPK	matrix spike dup	12/8/2016	Metal	Nickel	Total	=	58.5	µg/L	EPA 200.8	0.22	4			
2016/17-2	MO-MPK	matrix spike dup, rec	12/8/2016	Metal	Nickel	Total	=	99	%	EPA 200.8	-88	-88	70	130	
2016/17-2	MO-MPK	matrix spike, RPD	12/8/2016	Metal	Nickel	Total	=	3	%	EPA 200.8	-88	-88	0	30	
2016/17-2	MO-SIM	matrix spike	12/8/2016	Metal	Nickel	Total	=	63.5	µg/L	EPA 200.8	0.22	4			
2016/17-2	MO-SIM	matrix spike, rec	12/8/2016	Metal	Nickel	Total	=	116	%	EPA 200.8	-88	-88	70	130	
2016/17-2	MO-SIM	matrix spike dup	12/8/2016	Metal	Nickel	Total	=	56.1	µg/L	EPA 200.8	0.22	4			
2016/17-2	MO-SIM	matrix spike dup, rec	12/8/2016	Metal	Nickel	Total	=	101	%	EPA 200.8	-88	-88	70	130	
2016/17-2	MO-SIM	matrix spike, RPD	12/8/2016	Metal	Nickel	Total	=	12	%	EPA 200.8	-88	-88	0	30	
2016/17-2	Lab	method blank	12/7/2016	Metal	Selenium	Dissolved	<	0.14	µg/L	EPA 200.8	0.14	0.4			
2016/17-2	Lab	LCS	12/7/2016	Metal	Selenium	Dissolved	=	49	µg/L	EPA 200.8	0.14	0.4			
2016/17-2	Lab	LCS, rec	12/7/2016	Metal	Selenium	Dissolved	=	98	%	EPA 200.8	-88	-88	85	115	
2016/17-2	Lab	method blank	12/13/2016	Metal	Selenium	Dissolved	<	0.14	µg/L	EPA 200.8	0.14	0.4			
2016/17-2	Lab	LCS	12/13/2016	Metal	Selenium	Dissolved	=	48.8	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	
2016/17-2	Lab	LCS, rec	12/13/2016	Metal	Selenium	Dissolved	=	98	%	EPA 200.8	-88	-88	85	115	
2016/17-2	000NONPJ	matrix spike	12/13/2016	Metal	Selenium	Total	=	45.9	µg/L	EPA 200.8	0.14	0.4			
2016/17-2	000NONPJ	matrix spike, rec	12/13/2016	Metal	Selenium	Total	=	92	%	EPA 200.8	-88	-88	70	130	
2016/17-2	000NONPJ	matrix spike dup	12/13/2016	Metal	Selenium	Total	=	46.1	µg/L	EPA 200.8	0.14	0.4			
2016/17-2	000NONPJ	matrix spike dup, rec	12/13/2016	Metal	Selenium	Total	=	92	%	EPA 200.8	-88	-88	70	130	
2016/17-2	000NONPJ	matrix spike, RPD	12/13/2016	Metal	Selenium	Total	=	0.5	%	EPA 200.8	-88	-88	0	30	
2016/17-2	000NONPJ	matrix spike	12/13/2016	Metal	Selenium	Total	=	16.2	µg/L	EPA 200.8	0.56	1.6			GB
2016/17-2	000NONPJ	matrix spike, rec	12/13/2016	Metal	Selenium	Total	=	32	%	EPA 200.8	-88	-88	70	130	GB
2016/17-2	000NONPJ	matrix spike dup	12/13/2016	Metal	Selenium	Total	=	14.1	µg/L	EPA 200.8	0.56	1.6			GB
2016/17-2	000NONPJ	matrix spike dup, rec	12/13/2016	Metal	Selenium	Total	=	28	%	EPA 200.8	-88	-88	70	130	GB
2016/17-2	000NONPJ	matrix spike, RPD	12/13/2016	Metal	Selenium	Total	=	14	%	EPA 200.8	-88	-88	0	30	
2016/17-2	Lab	method blank	12/7/2016	Metal	Selenium	Total	<	0.14	µg/L	EPA 200.8	0.14	0.4			
2016/17-2	Lab	LCS	12/7/2016	Metal	Selenium	Total	=	49	µg/L	EPA 200.8	0.14	0.4			
2016/17-2	Lab	LCS, rec	12/7/2016	Metal	Selenium	Total	=	98	%	EPA 200.8	-88	-88	85	115	
2016/17-2	Lab	method blank	12/13/2016	Metal	Selenium	Total	<	0.14	µg/L	EPA 200.8	0.14	0.4			
2016/17-2	Lab	LCS	12/13/2016	Metal	Selenium	Total	=	48.8	µg/L	EPA 200.8	0.14	0.4			
2016/17-2	Lab	LCS, rec	12/13/2016	Metal	Selenium	Total	=	98	%	EPA 200.8	-88	-88	85	115	
2016/17-2	MO-MPK	matrix spike	12/7/2016	Metal	Selenium	Total	=	45.9	µg/L	EPA 200.8	0.7	2			
2016/17-2	MO-MPK	matrix spike, rec	12/7/2016	Metal	Selenium	Total	=	92	%	EPA 200.8	-88	-88	70	130	
2016/17-2	MO-MPK	matrix spike dup	12/7/2016	Metal	Selenium	Total	=	47	µg/L	EPA 200.8	0.7	2			
2016/17-2	MO-MPK	matrix spike dup, rec	12/7/2016	Metal	Selenium	Total	=	94	%	EPA 200.8	-88	-88	70	130	
2016/17-2	MO-MPK	matrix spike, RPD	12/7/2016	Metal	Selenium	Total	=	2	%	EPA 200.8	-88	-88	0	30	
2016/17-2	MO-SIM	matrix spike	12/7/2016	Metal	Selenium	Total	=	54.6	µg/L	EPA 200.8	0.14	0.4			
2016/17-2	MO-SIM	matrix spike, rec	12/7/2016	Metal	Selenium	Total	=	100	%	EPA 200.8	-88	-88	70	130	
2016/17-2	MO-SIM	matrix spike dup	12/7/2016	Metal	Selenium	Total	=	50.6	µg/L	EPA 200.8	0.14	0.4			
2016/17-2	MO-SIM	matrix spike dup, rec	12/7/2016	Metal	Selenium	Total	=	92	%	EPA 200.8	-88	-88	70	130	
2016/17-2	MO-SIM	matrix spike, RPD	12/7/2016	Metal	Selenium	Total	=	8	%	EPA 200.8	-88	-88	0	30	
2016/17-2	Lab	method blank	12/7/2016	Metal	Silver	Dissolved	<	0.062	µg/L	EPA 200.8	0.062	0.2			
2016/17-2	Lab	LCS	12/7/2016	Metal	Silver	Dissolved	=	51.1	µg/L	EPA 200.8	0.062	0.2			
2016/17-2	Lab	LCS, rec	12/7/2016	Metal	Silver	Dissolved	=	102	%	EPA 200.8	-88	-88	85	115	
2016/17-2	Lab	method blank	12/13/2016	Metal	Silver	Dissolved	<	0.062	µg/L	EPA 200.8	0.062	0.2			
2016/17-2	Lab	LCS	12/13/2016	Metal	Silver	Dissolved	=	53.9	µg/L	EPA 200.8	0.062	0.2			
2016/17-2	Lab	LCS, rec	12/13/2016	Metal	Silver	Dissolved	=	108	%	EPA 200.8	-88	-88	85	115	
2016/17-2	000NONPJ	matrix spike	12/13/2016	Metal	Silver	Total	=	25.8	µg/L	EPA 200.8	0.062	0.2			GB
2016/17-2	000NONPJ	matrix spike, rec	12/13/2016	Metal	Silver	Total	=	52	%	EPA 200.8	-88	-88	70	130	GB
2016/17-2	000NONPJ	matrix spike dup	12/13/2016	Metal	Silver	Total	=	30.3	µg/L	EPA 200.8	0.062	0.2			GB
2016/17-2	000NONPJ	matrix spike dup, rec	12/13/2016	Metal	Silver	Total	=	61	%	EPA 200.8	-88	-88	70	130	GB
2016/17-2	000NONPJ	matrix spike, RPD	12/13/2016	Metal	Silver	Total	=	16	%	EPA 200.8	-88	-88	0	30	
2016/17-2	000NONPJ	matrix spike	12/13/2016	Metal	Silver	Total	=	51	µg/L	EPA 200.8	0.25	0.8			
2016/17-2	000NONPJ	matrix spike, rec	12/13/2016	Metal	Silver	Total	=	102	%	EPA 200.8	-88	-88	70	130	
2016/17-2	000NONPJ	matrix spike dup	12/13/2016	Metal	Silver	Total	=	49.6	µg/L	EPA 200.8	0.25	0.8			
2016/17-2	000NONPJ	matrix spike dup, rec	12/13/2016	Metal	Silver	Total	=	99	%	EPA 200.8	-88	-88	70	130	
2016/17-2	000NONPJ	matrix spike, RPD	12/13/2016	Metal	Silver	Total	=	3	%	EPA 200.8	-88	-88	0	30	
2016/17-2	Lab	method blank	12/7/2016	Metal	Silver	Total	<	0.062	µg/L	EPA 200.8	0.062	0.2			
2016/17-2	Lab	LCS	12/7/2016	Metal	Silver	Total	=	51.1	µg/L	EPA 200.8	0.062	0.2			
2016/17-2	Lab	LCS, rec	12/7/2016	Metal	Silver	Total	=	102	%	EPA 200.8	-88	-88	85	115	
2016/17-2	Lab	method blank	12/13/2016	Metal	Silver	Total	<	0.062	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	
2016/17-2	Lab	LCS	12/13/2016	Metal	Silver	Total	=	53.9	µg/L	EPA 200.8	0.062	0.2			
2016/17-2	Lab	LCS, rec	12/13/2016	Metal	Silver	Total	=	108	%	EPA 200.8	-88	-88	85	115	
2016/17-2	MO-MPK	matrix spike	12/7/2016	Metal	Silver	Total	=	42.8	µg/L	EPA 200.8	0.31	1			
2016/17-2	MO-MPK	matrix spike, rec	12/7/2016	Metal	Silver	Total	=	86	%	EPA 200.8	-88	-88	70	130	
2016/17-2	MO-MPK	matrix spike dup	12/7/2016	Metal	Silver	Total	=	44.2	µg/L	EPA 200.8	0.31	1			
2016/17-2	MO-MPK	matrix spike dup, rec	12/7/2016	Metal	Silver	Total	=	88	%	EPA 200.8	-88	-88	70	130	
2016/17-2	MO-MPK	matrix spike, RPD	12/7/2016	Metal	Silver	Total	=	3	%	EPA 200.8	-88	-88	0	30	
2016/17-2	MO-SIM	matrix spike	12/7/2016	Metal	Silver	Total	=	46.9	µg/L	EPA 200.8	0.062	0.2			
2016/17-2	MO-SIM	matrix spike, rec	12/7/2016	Metal	Silver	Total	=	94	%	EPA 200.8	-88	-88	70	130	
2016/17-2	MO-SIM	matrix spike dup	12/7/2016	Metal	Silver	Total	=	45.8	µg/L	EPA 200.8	0.062	0.2			
2016/17-2	MO-SIM	matrix spike dup, rec	12/7/2016	Metal	Silver	Total	=	92	%	EPA 200.8	-88	-88	70	130	
2016/17-2	MO-SIM	matrix spike, RPD	12/7/2016	Metal	Silver	Total	=	2	%	EPA 200.8	-88	-88	0	30	
2016/17-2	Lab	method blank	12/7/2016	Metal	Thallium	Dissolved	<	0.014	µg/L	EPA 200.8	0.014	0.2			
2016/17-2	Lab	LCS	12/7/2016	Metal	Thallium	Dissolved	=	49.3	µg/L	EPA 200.8	0.014	0.2			
2016/17-2	Lab	LCS, rec	12/7/2016	Metal	Thallium	Dissolved	=	99	%	EPA 200.8	-88	-88	85	115	
2016/17-2	Lab	method blank	12/13/2016	Metal	Thallium	Dissolved	<	0.014	µg/L	EPA 200.8	0.014	0.2			
2016/17-2	Lab	LCS	12/13/2016	Metal	Thallium	Dissolved	=	49.2	µg/L	EPA 200.8	0.014	0.2			
2016/17-2	Lab	LCS, rec	12/13/2016	Metal	Thallium	Dissolved	=	98	%	EPA 200.8	-88	-88	85	115	
2016/17-2	000NONPJ	matrix spike	12/13/2016	Metal	Thallium	Total	=	45.2	µg/L	EPA 200.8	0.014	0.2			
2016/17-2	000NONPJ	matrix spike, rec	12/13/2016	Metal	Thallium	Total	=	90	%	EPA 200.8	-88	-88	70	130	
2016/17-2	000NONPJ	matrix spike dup	12/13/2016	Metal	Thallium	Total	=	48.4	µg/L	EPA 200.8	0.014	0.2			
2016/17-2	000NONPJ	matrix spike dup, rec	12/13/2016	Metal	Thallium	Total	=	97	%	EPA 200.8	-88	-88	70	130	
2016/17-2	000NONPJ	matrix spike, RPD	12/13/2016	Metal	Thallium	Total	=	7	%	EPA 200.8	-88	-88	0	30	
2016/17-2	000NONPJ	matrix spike	12/13/2016	Metal	Thallium	Total	=	46.9	µg/L	EPA 200.8	0.056	0.8			
2016/17-2	000NONPJ	matrix spike, rec	12/13/2016	Metal	Thallium	Total	=	94	%	EPA 200.8	-88	-88	70	130	
2016/17-2	000NONPJ	matrix spike dup	12/13/2016	Metal	Thallium	Total	=	45.8	µg/L	EPA 200.8	0.056	0.8			
2016/17-2	000NONPJ	matrix spike dup, rec	12/13/2016	Metal	Thallium	Total	=	92	%	EPA 200.8	-88	-88	70	130	
2016/17-2	000NONPJ	matrix spike, RPD	12/13/2016	Metal	Thallium	Total	=	2	%	EPA 200.8	-88	-88	0	30	
2016/17-2	Lab	method blank	12/7/2016	Metal	Thallium	Total	<	0.014	µg/L	EPA 200.8	0.014	0.2			
2016/17-2	Lab	LCS	12/7/2016	Metal	Thallium	Total	=	49.3	µg/L	EPA 200.8	0.014	0.2			
2016/17-2	Lab	LCS, rec	12/7/2016	Metal	Thallium	Total	=	99	%	EPA 200.8	-88	-88	85	115	
2016/17-2	Lab	method blank	12/13/2016	Metal	Thallium	Total	<	0.014	µg/L	EPA 200.8	0.014	0.2			
2016/17-2	Lab	LCS	12/13/2016	Metal	Thallium	Total	=	49.2	µg/L	EPA 200.8	0.014	0.2			
2016/17-2	Lab	LCS, rec	12/13/2016	Metal	Thallium	Total	=	98	%	EPA 200.8	-88	-88	85	115	
2016/17-2	MO-MPK	matrix spike	12/7/2016	Metal	Thallium	Total	=	44.9	µg/L	EPA 200.8	0.07	1			
2016/17-2	MO-MPK	matrix spike, rec	12/7/2016	Metal	Thallium	Total	=	90	%	EPA 200.8	-88	-88	70	130	
2016/17-2	MO-MPK	matrix spike dup	12/7/2016	Metal	Thallium	Total	=	44.9	µg/L	EPA 200.8	0.07	1			
2016/17-2	MO-MPK	matrix spike dup, rec	12/7/2016	Metal	Thallium	Total	=	90	%	EPA 200.8	-88	-88	70	130	
2016/17-2	MO-MPK	matrix spike, RPD	12/7/2016	Metal	Thallium	Total	=	0.1	%	EPA 200.8	-88	-88	0	30	
2016/17-2	MO-SIM	matrix spike	12/7/2016	Metal	Thallium	Total	=	49.1	µg/L	EPA 200.8	0.014	0.2			
2016/17-2	MO-SIM	matrix spike, rec	12/7/2016	Metal	Thallium	Total	=	98	%	EPA 200.8	-88	-88	70	130	
2016/17-2	MO-SIM	matrix spike dup	12/7/2016	Metal	Thallium	Total	=	47.9	µg/L	EPA 200.8	0.014	0.2			
2016/17-2	MO-SIM	matrix spike dup, rec	12/7/2016	Metal	Thallium	Total	=	96	%	EPA 200.8	-88	-88	70	130	
2016/17-2	MO-SIM	matrix spike, RPD	12/7/2016	Metal	Thallium	Total	=	2	%	EPA 200.8	-88	-88	0	30	
2016/17-2	Lab	method blank	12/7/2016	Metal	Zinc	Dissolved	<	0.94	µg/L	EPA 200.8	0.94	5			
2016/17-2	Lab	LCS	12/7/2016	Metal	Zinc	Dissolved	=	49.2	µg/L	EPA 200.8	0.94	5			
2016/17-2	Lab	LCS, rec	12/7/2016	Metal	Zinc	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	
2016/17-2	Lab	method blank	12/13/2016	Metal	Zinc	Dissolved	DNQ	2.67	µg/L	EPA 200.8	0.94	5			IP
2016/17-2	Lab	LCS	12/13/2016	Metal	Zinc	Dissolved	=	55.2	µg/L	EPA 200.8	0.94	5			
2016/17-2	Lab	LCS, rec	12/13/2016	Metal	Zinc	Dissolved	=	111	%	EPA 200.8	-88	-88	85	115	
2016/17-2	000NONPJ	matrix spike	12/13/2016	Metal	Zinc	Total	=	69.1	µg/L	EPA 200.8	0.94	5			
2016/17-2	000NONPJ	matrix spike, rec	12/13/2016	Metal	Zinc	Total	=	110	%	EPA 200.8	-88	-88	70	130	
2016/17-2	000NONPJ	matrix spike dup	12/13/2016	Metal	Zinc	Total	=	64.7	µg/L	EPA 200.8	0.94	5			
2016/17-2	000NONPJ	matrix spike dup, rec	12/13/2016	Metal	Zinc	Total	=	102	%	EPA 200.8	-88	-88	70	130	
2016/17-2	000NONPJ	matrix spike, RPD	12/13/2016	Metal	Zinc	Total	=	6	%	EPA 200.8	-88	-88	0	30	
2016/17-2	000NONPJ	matrix spike	12/13/2016	Metal	Zinc	Total	=	60.7	µg/L	EPA 200.8	3.8	20			
2016/17-2	000NONPJ	matrix spike, rec	12/13/2016	Metal	Zinc	Total	=	121	%	EPA 200.8	-88	-88	70	130	
2016/17-2	000NONPJ	matrix spike dup	12/13/2016	Metal	Zinc	Total	=	70.1	µg/L	EPA 200.8	3.8	20			GB
2016/17-2	000NONPJ	matrix spike dup, rec	12/13/2016	Metal	Zinc	Total	=	140	%	EPA 200.8	-88	-88	70	130	GB
2016/17-2	000NONPJ	matrix spike, RPD	12/13/2016	Metal	Zinc	Total	=	14	%	EPA 200.8	-88	-88	0	30	
2016/17-2	Lab	method blank	12/8/2016	Metal	Zinc	Total	<	0.94	µg/L	EPA 200.8	0.94	5			
2016/17-2	Lab	LCS	12/8/2016	Metal	Zinc	Total	=	52.9	µg/L	EPA 200.8	0.94	5			
2016/17-2	Lab	LCS, rec	12/8/2016	Metal	Zinc	Total	=	106	%	EPA 200.8	-88	-88	85	115	
2016/17-2	Lab	method blank	12/13/2016	Metal	Zinc	Total	<	0.94	µg/L	EPA 200.8	0.94	5			
2016/17-2	Lab	LCS	12/13/2016	Metal	Zinc	Total	=	55.2	µg/L	EPA 200.8	0.94	5			
2016/17-2	Lab	LCS, rec	12/13/2016	Metal	Zinc	Total	=	111	%	EPA 200.8	-88	-88	85	115	
2016/17-2	MO-MPK	matrix spike	12/8/2016	Metal	Zinc	Total	=	158	µg/L	EPA 200.8	4.7	25			
2016/17-2	MO-MPK	matrix spike, rec	12/8/2016	Metal	Zinc	Total	=	96	%	EPA 200.8	-88	-88	70	130	
2016/17-2	MO-MPK	matrix spike dup	12/8/2016	Metal	Zinc	Total	=	156	µg/L	EPA 200.8	4.7	25			
2016/17-2	MO-MPK	matrix spike dup, rec	12/8/2016	Metal	Zinc	Total	=	90	%	EPA 200.8	-88	-88	70	130	
2016/17-2	MO-MPK	matrix spike, RPD	12/8/2016	Metal	Zinc	Total	=	2	%	EPA 200.8	-88	-88	0	30	
2016/17-2	MO-SIM	matrix spike	12/8/2016	Metal	Zinc	Total	=	135	µg/L	EPA 200.8	4.7	25			
2016/17-2	MO-SIM	matrix spike, rec	12/8/2016	Metal	Zinc	Total	=	113	%	EPA 200.8	-88	-88	70	130	
2016/17-2	MO-SIM	matrix spike dup	12/8/2016	Metal	Zinc	Total	=	130	µg/L	EPA 200.8	4.7	25			
2016/17-2	MO-SIM	matrix spike dup, rec	12/8/2016	Metal	Zinc	Total	=	103	%	EPA 200.8	-88	-88	70	130	
2016/17-2	MO-SIM	matrix spike, RPD	12/8/2016	Metal	Zinc	Total	=	4	%	EPA 200.8	-88	-88	0	30	
2016/17-2	000NONPJ	matrix spike	11/29/2016	Nutrient	Ammonia as N	n/a	=	0.261	mg/L	EPA 350.1	0.048	0.1			
2016/17-2	000NONPJ	matrix spike	11/29/2016	Nutrient	Ammonia as N	n/a	=	0.271	mg/L	EPA 350.1	0.048	0.1			
2016/17-2	000NONPJ	matrix spike	11/29/2016	Nutrient	Ammonia as N	n/a	=	0.384	mg/L	EPA 350.1	0.048	0.1			
2016/17-2	000NONPJ	matrix spike	11/29/2016	Nutrient	Ammonia as N	n/a	=	0.253	mg/L	EPA 350.1	0.048	0.1			
2016/17-2	000NONPJ	matrix spike dup	11/29/2016	Nutrient	Ammonia as N	n/a	=	0.254	mg/L	EPA 350.1	0.048	0.1			
2016/17-2	000NONPJ	matrix spike dup	11/29/2016	Nutrient	Ammonia as N	n/a	=	0.273	mg/L	EPA 350.1	0.048	0.1			
2016/17-2	000NONPJ	matrix spike dup	11/29/2016	Nutrient	Ammonia as N	n/a	=	0.258	mg/L	EPA 350.1	0.048	0.1			
2016/17-2	000NONPJ	matrix spike dup	11/29/2016	Nutrient	Ammonia as N	n/a	=	0.384	mg/L	EPA 350.1	0.048	0.1			
2016/17-2	000NONPJ	matrix spike dup, rec	11/29/2016	Nutrient	Ammonia as N	n/a	=	109	%	EPA 350.1	-88	-88	90	110	
2016/17-2	000NONPJ	matrix spike dup, rec	11/29/2016	Nutrient	Ammonia as N	n/a	=	103	%	EPA 350.1	-88	-88	90	110	
2016/17-2	000NONPJ	matrix spike dup, rec	11/29/2016	Nutrient	Ammonia as N	n/a	=	101	%	EPA 350.1	-88	-88	90	110	
2016/17-2	000NONPJ	matrix spike dup, rec	11/29/2016	Nutrient	Ammonia as N	n/a	=	103	%	EPA 350.1	-88	-88	90	110	
2016/17-2	000NONPJ	matrix spike, rec	11/29/2016	Nutrient	Ammonia as N	n/a	=	105	%	EPA 350.1	-88	-88	90	110	
2016/17-2	000NONPJ	matrix spike, rec	11/29/2016	Nutrient	Ammonia as N	n/a	=	108	%	EPA 350.1	-88	-88	90	110	
2016/17-2	000NONPJ	matrix spike, rec	11/29/2016	Nutrient	Ammonia as N	n/a	=	101	%	EPA 350.1	-88	-88	90	110	
2016/17-2	000NONPJ	matrix spike, rec	11/29/2016	Nutrient	Ammonia as N	n/a	=	103	%	EPA 350.1	-88	-88	90	110	
2016/17-2	000NONPJ	matrix spike, RPD	11/29/2016	Nutrient	Ammonia as N	n/a	=	1	%	EPA 350.1	-88	-88	0	15	
2016/17-2	000NONPJ	matrix spike, RPD	11/29/2016	Nutrient	Ammonia as N	n/a	=	0.7	%	EPA 350.1	-88	-88	0	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	
2016/17-2	000NONPJ	matrix spike, RPD	11/29/2016	Nutrient	Ammonia as N	n/a	=	0.3	%	EPA 350.1	-88	-88	0	15	
2016/17-2	000NONPJ	matrix spike, RPD	11/29/2016	Nutrient	Ammonia as N	n/a	=	0.1	%	EPA 350.1	-88	-88	0	15	
2016/17-2	Lab	LCS	11/29/2016	Nutrient	Ammonia as N	n/a	=	0.257	mg/L	EPA 350.1	0.048	0.1			
2016/17-2	Lab	LCS	11/29/2016	Nutrient	Ammonia as N	n/a	=	0.26	mg/L	EPA 350.1	0.048	0.1			
2016/17-2	Lab	LCS	11/29/2016	Nutrient	Ammonia as N	n/a	=	0.252	mg/L	EPA 350.1	0.048	0.1			
2016/17-2	Lab	LCS	11/29/2016	Nutrient	Ammonia as N	n/a	=	0.259	mg/L	EPA 350.1	0.048	0.1			
2016/17-2	Lab	LCS, rec	11/29/2016	Nutrient	Ammonia as N	n/a	=	103	%	EPA 350.1	-88	-88	90	110	
2016/17-2	Lab	LCS, rec	11/29/2016	Nutrient	Ammonia as N	n/a	=	101	%	EPA 350.1	-88	-88	90	110	
2016/17-2	Lab	LCS, rec	11/29/2016	Nutrient	Ammonia as N	n/a	=	103	%	EPA 350.1	-88	-88	90	110	
2016/17-2	Lab	LCS, rec	11/29/2016	Nutrient	Ammonia as N	n/a	=	104	%	EPA 350.1	-88	-88	90	110	
2016/17-2	Lab	method blank	11/29/2016	Nutrient	Ammonia as N	n/a	<	0.048	mg/L	EPA 350.1	0.048	0.1			
2016/17-2	Lab	method blank	11/29/2016	Nutrient	Ammonia as N	n/a	<	0.048	mg/L	EPA 350.1	0.048	0.1			
2016/17-2	Lab	method blank	11/29/2016	Nutrient	Ammonia as N	n/a	<	0.048	mg/L	EPA 350.1	0.048	0.1			
2016/17-2	Lab	method blank	11/29/2016	Nutrient	Ammonia as N	n/a	<	0.048	mg/L	EPA 350.1	0.048	0.1			
2016/17-2	000NONPJ	matrix spike	11/22/2016	Nutrient	Nitrate + Nitrite as N	n/a	=	2.42	mg/L	EPA 353.2	0.041	0.1			
2016/17-2	000NONPJ	matrix spike, rec	11/22/2016	Nutrient	Nitrate + Nitrite as N	n/a	=	98	%	EPA 353.2	-88	-88	90	110	
2016/17-2	000NONPJ	matrix spike dup	11/22/2016	Nutrient	Nitrate + Nitrite as N	n/a	=	2.41	mg/L	EPA 353.2	0.041	0.1			
2016/17-2	000NONPJ	matrix spike dup, rec	11/22/2016	Nutrient	Nitrate + Nitrite as N	n/a	=	98	%	EPA 353.2	-88	-88	90	110	
2016/17-2	000NONPJ	matrix spike, RPD	11/22/2016	Nutrient	Nitrate + Nitrite as N	n/a	=	0.3	%	EPA 353.2	-88	-88	0	20	
2016/17-2	000NONPJ	matrix spike	11/22/2016	Nutrient	Nitrate + Nitrite as N	n/a	=	2.9	mg/L	EPA 353.2	0.041	0.1			
2016/17-2	000NONPJ	matrix spike, rec	11/22/2016	Nutrient	Nitrate + Nitrite as N	n/a	=	98	%	EPA 353.2	-88	-88	90	110	
2016/17-2	000NONPJ	matrix spike dup	11/22/2016	Nutrient	Nitrate + Nitrite as N	n/a	=	2.9	mg/L	EPA 353.2	0.041	0.1			
2016/17-2	000NONPJ	matrix spike dup, rec	11/22/2016	Nutrient	Nitrate + Nitrite as N	n/a	=	98	%	EPA 353.2	-88	-88	90	110	
2016/17-2	000NONPJ	matrix spike, RPD	11/22/2016	Nutrient	Nitrate + Nitrite as N	n/a	=	0	%	EPA 353.2	-88	-88	0	20	
2016/17-2	000NONPJ	matrix spike	11/22/2016	Nutrient	Nitrate + Nitrite as N	n/a	=	2.15	mg/L	EPA 353.2	0.041	0.1			
2016/17-2	000NONPJ	matrix spike, rec	11/22/2016	Nutrient	Nitrate + Nitrite as N	n/a	=	100	%	EPA 353.2	-88	-88	90	110	
2016/17-2	000NONPJ	matrix spike dup	11/22/2016	Nutrient	Nitrate + Nitrite as N	n/a	=	2.1	mg/L	EPA 353.2	0.041	0.1			
2016/17-2	000NONPJ	matrix spike dup, rec	11/22/2016	Nutrient	Nitrate + Nitrite as N	n/a	=	98	%	EPA 353.2	-88	-88	90	110	
2016/17-2	000NONPJ	matrix spike, RPD	11/22/2016	Nutrient	Nitrate + Nitrite as N	n/a	=	2	%	EPA 353.2	-88	-88	0	20	
2016/17-2	000NONPJ	matrix spike	11/22/2016	Nutrient	Nitrate + Nitrite as N	n/a	=	2.18	mg/L	EPA 353.2	0.041	0.1			
2016/17-2	000NONPJ	matrix spike, rec	11/22/2016	Nutrient	Nitrate + Nitrite as N	n/a	=	94	%	EPA 353.2	-88	-88	90	110	
2016/17-2	000NONPJ	matrix spike dup	11/22/2016	Nutrient	Nitrate + Nitrite as N	n/a	=	2.18	mg/L	EPA 353.2	0.041	0.1			
2016/17-2	000NONPJ	matrix spike dup, rec	11/22/2016	Nutrient	Nitrate + Nitrite as N	n/a	=	94	%	EPA 353.2	-88	-88	90	110	
2016/17-2	000NONPJ	matrix spike, RPD	11/22/2016	Nutrient	Nitrate + Nitrite as N	n/a	=	0.05	%	EPA 353.2	-88	-88	0	20	
2016/17-2	Lab	method blank	11/22/2016	Nutrient	Nitrate + Nitrite as N	n/a	DNQ	0.044	mg/L	EPA 353.2	0.041	0.1			IP
2016/17-2	Lab	LCS	11/22/2016	Nutrient	Nitrate + Nitrite as N	n/a	=	0.995	mg/L	EPA 353.2	0.041	0.1			
2016/17-2	Lab	LCS, rec	11/22/2016	Nutrient	Nitrate + Nitrite as N	n/a	=	100	%	EPA 353.2	-88	-88	90	110	
2016/17-2	Lab	method blank	11/22/2016	Nutrient	Nitrate + Nitrite as N	n/a	DNQ	0.042	mg/L	EPA 353.2	0.041	0.1			IP
2016/17-2	Lab	LCS	11/22/2016	Nutrient	Nitrate + Nitrite as N	n/a	=	1.05	mg/L	EPA 353.2	0.041	0.1			
2016/17-2	Lab	LCS, rec	11/22/2016	Nutrient	Nitrate + Nitrite as N	n/a	=	105	%	EPA 353.2	-88	-88	90	110	
2016/17-2	000NONPJ	matrix spike	11/22/2016	Nutrient	Nitrate as N	n/a	=	2.15	mg/L	EPA 353.2	0.041	0.1			
2016/17-2	000NONPJ	matrix spike, rec	11/22/2016	Nutrient	Nitrate as N	n/a	=	100	%	EPA 353.2	-88	-88	90	110	
2016/17-2	000NONPJ	matrix spike dup	11/22/2016	Nutrient	Nitrate as N	n/a	=	2.1	mg/L	EPA 353.2	0.041	0.1			
2016/17-2	000NONPJ	matrix spike dup, rec	11/22/2016	Nutrient	Nitrate as N	n/a	=	98	%	EPA 353.2	-88	-88	90	110	
2016/17-2	000NONPJ	matrix spike, RPD	11/22/2016	Nutrient	Nitrate as N	n/a	=	2	%	EPA 353.2	-88	-88	0	20	
2016/17-2	000NONPJ	matrix spike	11/22/2016	Nutrient	Nitrate as N	n/a	=	2.18	mg/L	EPA 353.2	0.041	0.1			
2016/17-2	000NONPJ	matrix spike, rec	11/22/2016	Nutrient	Nitrate as N	n/a	=	94	%	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	
2016/17-2	000NONPJ	matrix spike dup	11/22/2016	Nutrient	Nitrate as N	n/a	=	2.18	mg/L	EPA 353.2	0.041	0.1			
2016/17-2	000NONPJ	matrix spike dup, rec	11/22/2016	Nutrient	Nitrate as N	n/a	=	94	%	EPA 353.2	-88	-88	90	110	
2016/17-2	000NONPJ	matrix spike, RPD	11/22/2016	Nutrient	Nitrate as N	n/a	=	0.05	%	EPA 353.2	-88	-88	0	20	
2016/17-2	Lab	method blank	11/22/2016	Nutrient	Nitrate as N	n/a	DNQ	0.042	mg/L	EPA 353.2	0.041	0.1			IP
2016/17-2	Lab	LCS	11/22/2016	Nutrient	Nitrate as N	n/a	=	1.05	mg/L	EPA 353.2	0.041	0.1			
2016/17-2	Lab	LCS, rec	11/22/2016	Nutrient	Nitrate as N	n/a	=	105	%	EPA 353.2	-88	-88	90	110	
2016/17-2	000NONPJ	matrix spike	12/5/2016	Nutrient	Phosphorus as P	Dissolved	=	0.292	mg/L	EPA 365.1	0.0028	0.02			GB
2016/17-2	000NONPJ	matrix spike, rec	12/5/2016	Nutrient	Phosphorus as P	Dissolved	=	88	%	EPA 365.1	-88	-88	90	110	GB
2016/17-2	000NONPJ	matrix spike dup	12/5/2016	Nutrient	Phosphorus as P	Dissolved	=	0.298	mg/L	EPA 365.1	0.0028	0.02			
2016/17-2	000NONPJ	matrix spike dup, rec	12/5/2016	Nutrient	Phosphorus as P	Dissolved	=	100	%	EPA 365.1	-88	-88	90	110	
2016/17-2	000NONPJ	matrix spike, RPD	12/5/2016	Nutrient	Phosphorus as P	Dissolved	=	2	%	EPA 365.1	-88	-88	0	20	
2016/17-2	000NONPJ	matrix spike	12/9/2016	Nutrient	Phosphorus as P	Dissolved	=	0.695	mg/L	EPA 365.1	0.007	0.05			
2016/17-2	000NONPJ	matrix spike, rec	12/9/2016	Nutrient	Phosphorus as P	Dissolved	=	92	%	EPA 365.1	-88	-88	90	110	
2016/17-2	000NONPJ	matrix spike dup	12/9/2016	Nutrient	Phosphorus as P	Dissolved	=	0.715	mg/L	EPA 365.1	0.007	0.05			
2016/17-2	000NONPJ	matrix spike dup, rec	12/9/2016	Nutrient	Phosphorus as P	Dissolved	=	100	%	EPA 365.1	-88	-88	90	110	
2016/17-2	000NONPJ	matrix spike, RPD	12/9/2016	Nutrient	Phosphorus as P	Dissolved	=	3	%	EPA 365.1	-88	-88	0	20	
2016/17-2	Lab	method blank	12/5/2016	Nutrient	Phosphorus as P	Dissolved	<	0.0014	mg/L	EPA 365.1	0.0014	0.01			
2016/17-2	Lab	LCS	12/5/2016	Nutrient	Phosphorus as P	Dissolved	=	0.0487	mg/L	EPA 365.1	0.0014	0.01			
2016/17-2	Lab	LCS, rec	12/5/2016	Nutrient	Phosphorus as P	Dissolved	=	97	%	EPA 365.1	-88	-88	90	110	
2016/17-2	Lab	method blank	12/9/2016	Nutrient	Phosphorus as P	Dissolved	<	0.0014	mg/L	EPA 365.1	0.0014	0.01			
2016/17-2	Lab	LCS	12/9/2016	Nutrient	Phosphorus as P	Dissolved	=	0.0483	mg/L	EPA 365.1	0.0014	0.01			
2016/17-2	Lab	LCS, rec	12/9/2016	Nutrient	Phosphorus as P	Dissolved	=	97	%	EPA 365.1	-88	-88	90	110	
2016/17-2	MO-SPA	matrix spike	12/5/2016	Nutrient	Phosphorus as P	Dissolved	=	0.453	mg/L	EPA 365.1	0.007	0.05			
2016/17-2	MO-SPA	matrix spike, rec	12/5/2016	Nutrient	Phosphorus as P	Dissolved	=	95	%	EPA 365.1	-88	-88	90	110	
2016/17-2	MO-SPA	matrix spike dup	12/5/2016	Nutrient	Phosphorus as P	Dissolved	=	0.45	mg/L	EPA 365.1	0.007	0.05			
2016/17-2	MO-SPA	matrix spike dup, rec	12/5/2016	Nutrient	Phosphorus as P	Dissolved	=	90	%	EPA 365.1	-88	-88	90	110	
2016/17-2	MO-SPA	matrix spike, RPD	12/5/2016	Nutrient	Phosphorus as P	Dissolved	=	0.6	%	EPA 365.1	-88	-88	0	20	
2016/17-2	000NONPJ	matrix spike	12/5/2016	Nutrient	Phosphorus as P	Total	=	0.157	mg/L	EPA 365.1	0.0014	0.01			
2016/17-2	000NONPJ	matrix spike, rec	12/5/2016	Nutrient	Phosphorus as P	Total	=	102	%	EPA 365.1	-88	-88	90	110	
2016/17-2	000NONPJ	matrix spike dup	12/5/2016	Nutrient	Phosphorus as P	Total	=	0.156	mg/L	EPA 365.1	0.0014	0.01			
2016/17-2	000NONPJ	matrix spike dup, rec	12/5/2016	Nutrient	Phosphorus as P	Total	=	100	%	EPA 365.1	-88	-88	90	110	
2016/17-2	000NONPJ	matrix spike, RPD	12/5/2016	Nutrient	Phosphorus as P	Total	=	0.6	%	EPA 365.1	-88	-88	0	20	
2016/17-2	000NONPJ	matrix spike	12/5/2016	Nutrient	Phosphorus as P	Total	=	0.0472	mg/L	EPA 365.1	0.0014	0.01			
2016/17-2	000NONPJ	matrix spike, rec	12/5/2016	Nutrient	Phosphorus as P	Total	=	94	%	EPA 365.1	-88	-88	90	110	
2016/17-2	000NONPJ	matrix spike dup	12/5/2016	Nutrient	Phosphorus as P	Total	=	0.0478	mg/L	EPA 365.1	0.0014	0.01			
2016/17-2	000NONPJ	matrix spike dup, rec	12/5/2016	Nutrient	Phosphorus as P	Total	=	96	%	EPA 365.1	-88	-88	90	110	
2016/17-2	000NONPJ	matrix spike, RPD	12/5/2016	Nutrient	Phosphorus as P	Total	=	1	%	EPA 365.1	-88	-88	0	20	
2016/17-2	000NONPJ	matrix spike	12/5/2016	Nutrient	Phosphorus as P	Total	=	0.129	mg/L	EPA 365.1	0.0014	0.01			
2016/17-2	000NONPJ	matrix spike, rec	12/5/2016	Nutrient	Phosphorus as P	Total	=	106	%	EPA 365.1	-88	-88	90	110	
2016/17-2	000NONPJ	matrix spike dup	12/5/2016	Nutrient	Phosphorus as P	Total	=	0.13	mg/L	EPA 365.1	0.0014	0.01			
2016/17-2	000NONPJ	matrix spike dup, rec	12/5/2016	Nutrient	Phosphorus as P	Total	=	108	%	EPA 365.1	-88	-88	90	110	
2016/17-2	000NONPJ	matrix spike, RPD	12/5/2016	Nutrient	Phosphorus as P	Total	=	0.8	%	EPA 365.1	-88	-88	0	20	
2016/17-2	000NONPJ	matrix spike	12/5/2016	Nutrient	Phosphorus as P	Total	=	0.348	mg/L	EPA 365.1	0.0028	0.02			GB
2016/17-2	000NONPJ	matrix spike, rec	12/5/2016	Nutrient	Phosphorus as P	Total	=	68	%	EPA 365.1	-88	-88	90	110	GB
2016/17-2	000NONPJ	matrix spike dup	12/5/2016	Nutrient	Phosphorus as P	Total	=	0.356	mg/L	EPA 365.1	0.0028	0.02			GB
2016/17-2	000NONPJ	matrix spike dup, rec	12/5/2016	Nutrient	Phosphorus as P	Total	=	84	%	EPA 365.1	-88	-88	90	110	GB
2016/17-2	000NONPJ	matrix spike, RPD	12/5/2016	Nutrient	Phosphorus as P	Total	=	2	%	EPA 365.1	-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	
2016/17-2	000NONPJ	lab duplicate	12/5/2016	Nutrient	Phosphorus as P	Total	=	0.544	mg/L	EPA 365.1	0.0056	0.04		20	
2016/17-2	Lab	method blank	12/5/2016	Nutrient	Phosphorus as P	Total	<	0.0014	mg/L	EPA 365.1	0.0014	0.01			
2016/17-2	Lab	LCS	12/5/2016	Nutrient	Phosphorus as P	Total	=	0.0504	mg/L	EPA 365.1	0.0014	0.01			
2016/17-2	Lab	LCS, rec	12/5/2016	Nutrient	Phosphorus as P	Total	=	101	%	EPA 365.1	-88	-88	90	110	
2016/17-2	Lab	method blank	12/5/2016	Nutrient	Phosphorus as P	Total	<	0.0014	mg/L	EPA 365.1	0.0014	0.01			
2016/17-2	Lab	LCS	12/5/2016	Nutrient	Phosphorus as P	Total	=	0.0509	mg/L	EPA 365.1	0.0014	0.01			
2016/17-2	Lab	LCS, rec	12/5/2016	Nutrient	Phosphorus as P	Total	=	102	%	EPA 365.1	-88	-88	90	110	
2016/17-2	000NONPJ	matrix spike	11/29/2016	Nutrient	TKN	n/a	=	1.25	mg/L	EPA 351.2	0.05	0.1			
2016/17-2	000NONPJ	matrix spike	11/29/2016	Nutrient	TKN	n/a	=	1.2	mg/L	EPA 351.2	0.05	0.1			
2016/17-2	000NONPJ	matrix spike dup	11/29/2016	Nutrient	TKN	n/a	=	1.17	mg/L	EPA 351.2	0.05	0.1			
2016/17-2	000NONPJ	matrix spike dup	11/29/2016	Nutrient	TKN	n/a	=	1.19	mg/L	EPA 351.2	0.05	0.1			
2016/17-2	000NONPJ	matrix spike dup, rec	11/29/2016	Nutrient	TKN	n/a	=	98	%	EPA 351.2	-88	-88	90	110	
2016/17-2	000NONPJ	matrix spike dup, rec	11/29/2016	Nutrient	TKN	n/a	=	94	%	EPA 351.2	-88	-88	90	110	
2016/17-2	000NONPJ	matrix spike, rec	11/29/2016	Nutrient	TKN	n/a	=	101	%	EPA 351.2	-88	-88	90	110	
2016/17-2	000NONPJ	matrix spike, rec	11/29/2016	Nutrient	TKN	n/a	=	100	%	EPA 351.2	-88	-88	90	110	
2016/17-2	000NONPJ	matrix spike, RPD	11/29/2016	Nutrient	TKN	n/a	=	3	%	EPA 351.2	-88	-88	0	10	
2016/17-2	000NONPJ	matrix spike, RPD	11/29/2016	Nutrient	TKN	n/a	=	5	%	EPA 351.2	-88	-88	0	10	
2016/17-2	Lab	LCS	11/29/2016	Nutrient	TKN	n/a	=	0.999	mg/L	EPA 351.2	0.05	0.1			
2016/17-2	Lab	LCS	11/29/2016	Nutrient	TKN	n/a	=	1.04	mg/L	EPA 351.2	0.05	0.1			
2016/17-2	Lab	LCS, rec	11/29/2016	Nutrient	TKN	n/a	=	104	%	EPA 351.2	-88	-88	90	110	
2016/17-2	Lab	LCS, rec	11/29/2016	Nutrient	TKN	n/a	=	100	%	EPA 351.2	-88	-88	90	110	
2016/17-2	Lab	method blank	11/29/2016	Nutrient	TKN	n/a	<	0.05	mg/L	EPA 351.2	0.05	0.1			
2016/17-2	Lab	method blank	11/29/2016	Nutrient	TKN	n/a	<	0.05	mg/L	EPA 351.2	0.05	0.1			
2016/17-2	Lab	method blank	12/10/2016	Organic	1,2,4-Trichlorobenzene	n/a	<	0.55	µg/L	EPA 625	0.55	1			
2016/17-2	Lab	LCS	12/10/2016	Organic	1,2,4-Trichlorobenzene	n/a	=	22.6	µg/L	EPA 625	0.55	1			
2016/17-2	Lab	LCS, rec	12/10/2016	Organic	1,2,4-Trichlorobenzene	n/a	=	90	%	EPA 625	-88	-88	44	142	
2016/17-2	Lab	LCS dup	12/10/2016	Organic	1,2,4-Trichlorobenzene	n/a	=	20.9	µg/L	EPA 625	0.55	1			
2016/17-2	Lab	LCS dup, rec	12/10/2016	Organic	1,2,4-Trichlorobenzene	n/a	=	83	%	EPA 625	-88	-88	44	142	
2016/17-2	Lab	LCS, RPD	12/10/2016	Organic	1,2,4-Trichlorobenzene	n/a	=	8	%	EPA 625	-88	-88	0	30	
2016/17-2	Lab	method blank	12/14/2016	Organic	1,2,4-Trichlorobenzene	n/a	<	0.55	µg/L	EPA 625	0.55	1			
2016/17-2	Lab	LCS	12/14/2016	Organic	1,2,4-Trichlorobenzene	n/a	=	19.9	µg/L	EPA 625	0.55	1			
2016/17-2	Lab	LCS, rec	12/14/2016	Organic	1,2,4-Trichlorobenzene	n/a	=	80	%	EPA 625	-88	-88	44	142	
2016/17-2	Lab	LCS dup	12/14/2016	Organic	1,2,4-Trichlorobenzene	n/a	=	19	µg/L	EPA 625	0.55	1			
2016/17-2	Lab	LCS dup, rec	12/14/2016	Organic	1,2,4-Trichlorobenzene	n/a	=	76	%	EPA 625	-88	-88	44	142	
2016/17-2	Lab	LCS, RPD	12/14/2016	Organic	1,2,4-Trichlorobenzene	n/a	=	5	%	EPA 625	-88	-88	0	30	
2016/17-2	Lab	method blank	12/10/2016	Organic	1,2-Dichlorobenzene	n/a	<	0.57	µg/L	EPA 625	0.57	1			
2016/17-2	Lab	LCS	12/10/2016	Organic	1,2-Dichlorobenzene	n/a	=	22.4	µg/L	EPA 625	0.57	1			
2016/17-2	Lab	LCS, rec	12/10/2016	Organic	1,2-Dichlorobenzene	n/a	=	90	%	EPA 625	-88	-88	32	129	
2016/17-2	Lab	LCS dup	12/10/2016	Organic	1,2-Dichlorobenzene	n/a	=	20.5	µg/L	EPA 625	0.57	1			
2016/17-2	Lab	LCS dup, rec	12/10/2016	Organic	1,2-Dichlorobenzene	n/a	=	82	%	EPA 625	-88	-88	32	129	
2016/17-2	Lab	LCS, RPD	12/10/2016	Organic	1,2-Dichlorobenzene	n/a	=	9	%	EPA 625	-88	-88	0	30	
2016/17-2	Lab	method blank	12/14/2016	Organic	1,2-Dichlorobenzene	n/a	<	0.57	µg/L	EPA 625	0.57	1			
2016/17-2	Lab	LCS	12/14/2016	Organic	1,2-Dichlorobenzene	n/a	=	19	µg/L	EPA 625	0.57	1			
2016/17-2	Lab	LCS, rec	12/14/2016	Organic	1,2-Dichlorobenzene	n/a	=	76	%	EPA 625	-88	-88	32	129	
2016/17-2	Lab	LCS dup	12/14/2016	Organic	1,2-Dichlorobenzene	n/a	=	18.5	µg/L	EPA 625	0.57	1			
2016/17-2	Lab	LCS dup, rec	12/14/2016	Organic	1,2-Dichlorobenzene	n/a	=	74	%	EPA 625	-88	-88	32	129	
2016/17-2	Lab	LCS, RPD	12/14/2016	Organic	1,2-Dichlorobenzene	n/a	=	3	%	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	
2016/17-2	Lab	srgt LCS	11/22/2016	Organic	1,2-Dichloroethane-d4	n/a	=	50.7	µg/L	EPA 624	-88	-88			
2016/17-2	Lab	srgt LCS, rec	11/22/2016	Organic	1,2-Dichloroethane-d4	n/a	=	101	%	EPA 624	-88	-88	82	125	
2016/17-2	Lab	srgt LCS dup	11/22/2016	Organic	1,2-Dichloroethane-d4	n/a	=	51.1	µg/L	EPA 624	-88	-88			
2016/17-2	Lab	srgt LCS dup, rec	11/22/2016	Organic	1,2-Dichloroethane-d4	n/a	=	102	%	EPA 624	-88	-88	82	125	
2016/17-2	Lab	srgt method blank	11/23/2016	Organic	1,2-Dichloroethane-d4	n/a	=	51.8	µg/L	EPA 624	-88	-88			
2016/17-2	Lab	srgt method blank, rec	11/23/2016	Organic	1,2-Dichloroethane-d4	n/a	=	104	%	EPA 624	-88	-88	82	125	
2016/17-2	Lab	srgt LCS	11/24/2016	Organic	1,2-Dichloroethane-d4	n/a	=	49.4	µg/L	EPA 624	-88	-88			
2016/17-2	Lab	srgt LCS, rec	11/24/2016	Organic	1,2-Dichloroethane-d4	n/a	=	99	%	EPA 624	-88	-88	82	125	
2016/17-2	Lab	srgt LCS dup	11/24/2016	Organic	1,2-Dichloroethane-d4	n/a	=	50	µg/L	EPA 624	-88	-88			
2016/17-2	Lab	srgt LCS dup, rec	11/24/2016	Organic	1,2-Dichloroethane-d4	n/a	=	100	%	EPA 624	-88	-88	82	125	
2016/17-2	Lab	srgt method blank	11/24/2016	Organic	1,2-Dichloroethane-d4	n/a	=	51.5	µg/L	EPA 624	-88	-88			
2016/17-2	Lab	srgt method blank, rec	11/24/2016	Organic	1,2-Dichloroethane-d4	n/a	=	103	%	EPA 624	-88	-88	82	125	
2016/17-2	Lab	srgt LCS dup	11/27/2016	Organic	1,2-Dichloroethane-d4	n/a	=	52.5	µg/L	EPA 624	-88	-88			
2016/17-2	Lab	srgt LCS dup, rec	11/27/2016	Organic	1,2-Dichloroethane-d4	n/a	=	105	%	EPA 624	-88	-88	82	125	
2016/17-2	Lab	srgt LCS	11/27/2016	Organic	1,2-Dichloroethane-d4	n/a	=	49.2	µg/L	EPA 624	-88	-88			
2016/17-2	Lab	srgt LCS, rec	11/27/2016	Organic	1,2-Dichloroethane-d4	n/a	=	98	%	EPA 624	-88	-88	82	125	
2016/17-2	Lab	srgt method blank	11/27/2016	Organic	1,2-Dichloroethane-d4	n/a	=	52	µg/L	EPA 624	-88	-88			
2016/17-2	Lab	srgt method blank, rec	11/27/2016	Organic	1,2-Dichloroethane-d4	n/a	=	104	%	EPA 624	-88	-88	82	125	
2016/17-2	ME-CC	srgt environ	11/23/2016	Organic	1,2-Dichloroethane-d4	n/a	=	52.1	µg/L	EPA 624	-88	-88			
2016/17-2	ME-CC	srgt environ, rec	11/23/2016	Organic	1,2-Dichloroethane-d4	n/a	=	104	%	EPA 624	-88	-88	82	125	
2016/17-2	ME-VR2	srgt environ	11/23/2016	Organic	1,2-Dichloroethane-d4	n/a	=	52.2	µg/L	EPA 624	-88	-88			
2016/17-2	ME-VR2	srgt environ, rec	11/23/2016	Organic	1,2-Dichloroethane-d4	n/a	=	104	%	EPA 624	-88	-88	82	125	
2016/17-2	MO-CAM	srgt environ	11/24/2016	Organic	1,2-Dichloroethane-d4	n/a	=	52.6	µg/L	EPA 624	-88	-88			
2016/17-2	MO-CAM	srgt environ, rec	11/24/2016	Organic	1,2-Dichloroethane-d4	n/a	=	105	%	EPA 624	-88	-88	82	125	
2016/17-2	MO-FIL	srgt environ	11/24/2016	Organic	1,2-Dichloroethane-d4	n/a	=	51.1	µg/L	EPA 624	-88	-88			
2016/17-2	MO-FIL	srgt environ, rec	11/24/2016	Organic	1,2-Dichloroethane-d4	n/a	=	102	%	EPA 624	-88	-88	82	125	
2016/17-2	MO-HUE	srgt environ	11/24/2016	Organic	1,2-Dichloroethane-d4	n/a	=	53.8	µg/L	EPA 624	-88	-88			
2016/17-2	MO-HUE	srgt environ, rec	11/24/2016	Organic	1,2-Dichloroethane-d4	n/a	=	108	%	EPA 624	-88	-88	82	125	
2016/17-2	MO-MEI	srgt environ	11/24/2016	Organic	1,2-Dichloroethane-d4	n/a	=	52.6	µg/L	EPA 624	-88	-88			
2016/17-2	MO-MEI	srgt environ, rec	11/24/2016	Organic	1,2-Dichloroethane-d4	n/a	=	105	%	EPA 624	-88	-88	82	125	
2016/17-2	MO-MPK	srgt environ	11/27/2016	Organic	1,2-Dichloroethane-d4	n/a	=	51.4	µg/L	EPA 624	-88	-88			
2016/17-2	MO-MPK	srgt environ, rec	11/27/2016	Organic	1,2-Dichloroethane-d4	n/a	=	103	%	EPA 624	-88	-88	82	125	
2016/17-2	MO-OJA	srgt environ	11/24/2016	Organic	1,2-Dichloroethane-d4	n/a	=	51.4	µg/L	EPA 624	-88	-88			
2016/17-2	MO-OJA	srgt environ, rec	11/24/2016	Organic	1,2-Dichloroethane-d4	n/a	=	103	%	EPA 624	-88	-88	82	125	
2016/17-2	MO-OXN	srgt environ	11/24/2016	Organic	1,2-Dichloroethane-d4	n/a	=	53.6	µg/L	EPA 624	-88	-88			
2016/17-2	MO-OXN	srgt environ, rec	11/24/2016	Organic	1,2-Dichloroethane-d4	n/a	=	107	%	EPA 624	-88	-88	82	125	
2016/17-2	MO-SIM	srgt environ	11/24/2016	Organic	1,2-Dichloroethane-d4	n/a	=	51.2	µg/L	EPA 624	-88	-88			
2016/17-2	MO-SIM	srgt environ, rec	11/24/2016	Organic	1,2-Dichloroethane-d4	n/a	=	102	%	EPA 624	-88	-88	82	125	
2016/17-2	MO-SPA	srgt environ	11/24/2016	Organic	1,2-Dichloroethane-d4	n/a	=	54.8	µg/L	EPA 624	-88	-88			
2016/17-2	MO-SPA	srgt environ, rec	11/24/2016	Organic	1,2-Dichloroethane-d4	n/a	=	110	%	EPA 624	-88	-88	82	125	
2016/17-2	MO-THO	srgt environ	11/24/2016	Organic	1,2-Dichloroethane-d4	n/a	=	52.4	µg/L	EPA 624	-88	-88			
2016/17-2	MO-THO	srgt environ, rec	11/24/2016	Organic	1,2-Dichloroethane-d4	n/a	=	105	%	EPA 624	-88	-88	82	125	
2016/17-2	MO-VEN	srgt environ	11/24/2016	Organic	1,2-Dichloroethane-d4	n/a	=	52.3	µg/L	EPA 624	-88	-88			
2016/17-2	MO-VEN	srgt environ, rec	11/24/2016	Organic	1,2-Dichloroethane-d4	n/a	=	105	%	EPA 624	-88	-88	82	125	
2016/17-2	Lab	method blank	12/10/2016	Organic	1,2-Diphenylhydrazine	n/a	<	0.25	µg/L	EPA 625	0.25	1			
2016/17-2	Lab	method blank	12/14/2016	Organic	1,2-Diphenylhydrazine	n/a	<	0.25	µg/L	EPA 625	0.25	1			
2016/17-2	Lab	method blank	12/10/2016	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	
2016/17-2	Lab	LCS	12/10/2016	Organic	1,3-Dichlorobenzene	n/a	=	22.8	µg/L	EPA 625	0.53	1			
2016/17-2	Lab	LCS, rec	12/10/2016	Organic	1,3-Dichlorobenzene	n/a	=	91	%	EPA 625	-88	-88	0.1	172	
2016/17-2	Lab	LCS dup	12/10/2016	Organic	1,3-Dichlorobenzene	n/a	=	20.8	µg/L	EPA 625	0.53	1			
2016/17-2	Lab	LCS dup, rec	12/10/2016	Organic	1,3-Dichlorobenzene	n/a	=	83	%	EPA 625	-88	-88	0.1	172	
2016/17-2	Lab	LCS, RPD	12/10/2016	Organic	1,3-Dichlorobenzene	n/a	=	9	%	EPA 625	-88	-88	0	30	
2016/17-2	Lab	method blank	12/14/2016	Organic	1,3-Dichlorobenzene	n/a	<	0.53	µg/L	EPA 625	0.53	1			
2016/17-2	Lab	LCS	12/14/2016	Organic	1,3-Dichlorobenzene	n/a	=	19.8	µg/L	EPA 625	0.53	1			
2016/17-2	Lab	LCS, rec	12/14/2016	Organic	1,3-Dichlorobenzene	n/a	=	79	%	EPA 625	-88	-88	0.1	172	
2016/17-2	Lab	LCS dup	12/14/2016	Organic	1,3-Dichlorobenzene	n/a	=	17.7	µg/L	EPA 625	0.53	1			
2016/17-2	Lab	LCS dup, rec	12/14/2016	Organic	1,3-Dichlorobenzene	n/a	=	71	%	EPA 625	-88	-88	0.1	172	
2016/17-2	Lab	LCS, RPD	12/14/2016	Organic	1,3-Dichlorobenzene	n/a	=	11	%	EPA 625	-88	-88	0	30	
2016/17-2	000NONPJ	srgt matrix spike	11/30/2016	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	0.463	µg/L	EPA 525.2m	-88	-88			
2016/17-2	000NONPJ	srgt matrix spike, rec	11/30/2016	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	93	%	EPA 525.2m	-88	-88	76	128	
2016/17-2	000NONPJ	srgt matrix spike dup	11/30/2016	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	0.457	µg/L	EPA 525.2m	-88	-88			
2016/17-2	000NONPJ	srgt matrix spike dup, rec	11/30/2016	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	91	%	EPA 525.2m	-88	-88	76	128	
2016/17-2	000NONPJ	srgt matrix spike	11/30/2016	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	0.43	µg/L	EPA 525.2m	-88	-88			
2016/17-2	000NONPJ	srgt matrix spike, rec	11/30/2016	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	86	%	EPA 525.2m	-88	-88	76	128	
2016/17-2	Lab	srgt method blank	11/30/2016	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	0.471	µg/L	EPA 525.2m	-88	-88			
2016/17-2	Lab	srgt method blank, rec	11/30/2016	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	94	%	EPA 525.2m	-88	-88	76	128	
2016/17-2	Lab	srgt LCS	11/30/2016	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	0.478	µg/L	EPA 525.2m	-88	-88			
2016/17-2	Lab	srgt LCS, rec	11/30/2016	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	96	%	EPA 525.2m	-88	-88	76	128	
2016/17-2	Lab	srgt method blank	11/30/2016	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	0.443	µg/L	EPA 525.2m	-88	-88			
2016/17-2	Lab	srgt method blank, rec	11/30/2016	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	89	%	EPA 525.2m	-88	-88	76	128	
2016/17-2	Lab	srgt LCS	11/30/2016	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	0.467	µg/L	EPA 525.2m	-88	-88			
2016/17-2	Lab	srgt LCS, rec	11/30/2016	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	93	%	EPA 525.2m	-88	-88	76	128	
2016/17-2	Lab	srgt method blank	12/5/2016	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	5.35	µg/L	EPA 525.2	-88	-88			
2016/17-2	Lab	srgt method blank, rec	12/5/2016	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	107	%	EPA 525.2	-88	-88	73	138	
2016/17-2	Lab	srgt LCS	12/5/2016	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	4.77	µg/L	EPA 525.2	-88	-88			
2016/17-2	Lab	srgt LCS, rec	12/5/2016	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	95	%	EPA 525.2	-88	-88	73	138	
2016/17-2	Lab	srgt LCS dup	12/5/2016	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	4.48	µg/L	EPA 525.2	-88	-88			
2016/17-2	Lab	srgt LCS dup, rec	12/5/2016	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	90	%	EPA 525.2	-88	-88	73	138	
2016/17-2	ME-CC	srgt environ	11/30/2016	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	0.429	µg/L	EPA 525.2m	-88	-88			
2016/17-2	ME-CC	srgt environ, rec	11/30/2016	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	86	%	EPA 525.2m	-88	-88	76	128	
2016/17-2	ME-CC	srgt environ	12/5/2016	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	5.82	µg/L	EPA 525.2	-88	-88			
2016/17-2	ME-CC	srgt environ, rec	12/5/2016	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	116	%	EPA 525.2	-88	-88	73	138	
2016/17-2	ME-VR2	srgt environ	11/30/2016	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	0.47	µg/L	EPA 525.2m	-88	-88			
2016/17-2	ME-VR2	srgt environ, rec	11/30/2016	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	94	%	EPA 525.2m	-88	-88	76	128	
2016/17-2	ME-VR2	srgt environ	12/5/2016	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	5.09	µg/L	EPA 525.2	-88	-88			
2016/17-2	ME-VR2	srgt environ, rec	12/5/2016	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	102	%	EPA 525.2	-88	-88	73	138	
2016/17-2	MO-CAM	srgt environ	12/1/2016	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	0.462	µg/L	EPA 525.2m	-88	-88			
2016/17-2	MO-CAM	srgt environ, rec	12/1/2016	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	92	%	EPA 525.2m	-88	-88	76	128	
2016/17-2	MO-CAM	srgt environ	12/5/2016	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	5.02	µg/L	EPA 525.2	-88	-88			
2016/17-2	MO-CAM	srgt environ, rec	12/5/2016	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	100	%	EPA 525.2	-88	-88	73	138	
2016/17-2	MO-FIL	srgt environ	12/1/2016	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	0.426	µg/L	EPA 525.2m	-88	-88			
2016/17-2	MO-FIL	srgt environ, rec	12/1/2016	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	85	%	EPA 525.2m	-88	-88	76	128	
2016/17-2	MO-FIL	srgt environ	12/5/2016	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	5.18	µg/L	EPA 525.2	-88	-88			
2016/17-2	MO-FIL	srgt environ, rec	12/5/2016	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	104	%	EPA 525.2	-88	-88	73	138	

Appendix F
Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2016/17-2	MO-HUE	srgt environ	12/1/2016	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	0.454	µg/L	EPA 525.2m	-88	-88			
2016/17-2	MO-HUE	srgt environ, rec	12/1/2016	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	91	%	EPA 525.2m	-88	-88	76	128	
2016/17-2	MO-HUE	srgt environ	12/5/2016	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	5.14	µg/L	EPA 525.2	-88	-88			
2016/17-2	MO-HUE	srgt environ, rec	12/5/2016	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	103	%	EPA 525.2	-88	-88	73	138	
2016/17-2	MO-MEI	srgt environ	11/30/2016	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	0.372	µg/L	EPA 525.2m	-88	-88			GN
2016/17-2	MO-MEI	srgt environ, rec	11/30/2016	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	74	%	EPA 525.2m	-88	-88	76	128	GN
2016/17-2	MO-MPK	srgt environ	12/1/2016	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	0.511	µg/L	EPA 525.2m	-88	-88			
2016/17-2	MO-MPK	srgt environ, rec	12/1/2016	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	102	%	EPA 525.2m	-88	-88	76	128	
2016/17-2	MO-MPK	srgt environ	12/5/2016	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	5.04	µg/L	EPA 525.2	-88	-88			
2016/17-2	MO-MPK	srgt environ, rec	12/5/2016	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	101	%	EPA 525.2	-88	-88	73	138	
2016/17-2	MO-OJA	srgt environ	11/30/2016	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	0.512	µg/L	EPA 525.2m	-88	-88			
2016/17-2	MO-OJA	srgt environ, rec	11/30/2016	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	102	%	EPA 525.2m	-88	-88	76	128	
2016/17-2	MO-OXN	srgt environ	12/1/2016	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	0.467	µg/L	EPA 525.2m	-88	-88			
2016/17-2	MO-OXN	srgt environ, rec	12/1/2016	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	93	%	EPA 525.2m	-88	-88	76	128	
2016/17-2	MO-OXN	srgt environ	12/5/2016	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	4.85	µg/L	EPA 525.2	-88	-88			
2016/17-2	MO-OXN	srgt environ, rec	12/5/2016	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	97	%	EPA 525.2	-88	-88	73	138	
2016/17-2	MO-SIM	srgt environ	12/1/2016	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	0.444	µg/L	EPA 525.2m	-88	-88			
2016/17-2	MO-SIM	srgt environ, rec	12/1/2016	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	89	%	EPA 525.2m	-88	-88	76	128	
2016/17-2	MO-SIM	srgt environ	12/5/2016	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	5.45	µg/L	EPA 525.2	-88	-88			
2016/17-2	MO-SIM	srgt environ, rec	12/5/2016	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	109	%	EPA 525.2	-88	-88	73	138	
2016/17-2	MO-SPA	srgt environ	12/1/2016	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	0.459	µg/L	EPA 525.2m	-88	-88			
2016/17-2	MO-SPA	srgt environ, rec	12/1/2016	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	92	%	EPA 525.2m	-88	-88	76	128	
2016/17-2	MO-SPA	srgt environ	12/5/2016	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	4.96	µg/L	EPA 525.2	-88	-88			
2016/17-2	MO-SPA	srgt environ, rec	12/5/2016	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	99	%	EPA 525.2	-88	-88	73	138	
2016/17-2	MO-THO	srgt environ	12/1/2016	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	0.454	µg/L	EPA 525.2m	-88	-88			
2016/17-2	MO-THO	srgt environ, rec	12/1/2016	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	91	%	EPA 525.2m	-88	-88	76	128	
2016/17-2	MO-THO	srgt environ	12/6/2016	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	5.27	µg/L	EPA 525.2	-88	-88			
2016/17-2	MO-THO	srgt environ, rec	12/6/2016	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	105	%	EPA 525.2	-88	-88	73	138	
2016/17-2	MO-VEN	srgt environ	11/30/2016	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	0.429	µg/L	EPA 525.2m	-88	-88			
2016/17-2	MO-VEN	srgt environ, rec	11/30/2016	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	86	%	EPA 525.2m	-88	-88	76	128	
2016/17-2	MO-VEN	srgt environ	12/5/2016	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	5.35	µg/L	EPA 525.2	-88	-88			
2016/17-2	MO-VEN	srgt environ, rec	12/5/2016	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	107	%	EPA 525.2	-88	-88	73	138	
2016/17-2	Lab	method blank	12/10/2016	Organic	1,4-Dichlorobenzene	n/a	<	0.55	µg/L	EPA 625	0.55	1			
2016/17-2	Lab	LCS	12/10/2016	Organic	1,4-Dichlorobenzene	n/a	=	23.8	µg/L	EPA 625	0.55	1			
2016/17-2	Lab	LCS, rec	12/10/2016	Organic	1,4-Dichlorobenzene	n/a	=	95	%	EPA 625	-88	-88	20	124	
2016/17-2	Lab	LCS dup	12/10/2016	Organic	1,4-Dichlorobenzene	n/a	=	21.4	µg/L	EPA 625	0.55	1			
2016/17-2	Lab	LCS dup, rec	12/10/2016	Organic	1,4-Dichlorobenzene	n/a	=	86	%	EPA 625	-88	-88	20	124	
2016/17-2	Lab	LCS, RPD	12/10/2016	Organic	1,4-Dichlorobenzene	n/a	=	11	%	EPA 625	-88	-88	0	30	
2016/17-2	Lab	method blank	12/14/2016	Organic	1,4-Dichlorobenzene	n/a	<	0.55	µg/L	EPA 625	0.55	1			
2016/17-2	Lab	LCS	12/14/2016	Organic	1,4-Dichlorobenzene	n/a	=	20.5	µg/L	EPA 625	0.55	1			
2016/17-2	Lab	LCS, rec	12/14/2016	Organic	1,4-Dichlorobenzene	n/a	=	82	%	EPA 625	-88	-88	20	124	
2016/17-2	Lab	LCS dup	12/14/2016	Organic	1,4-Dichlorobenzene	n/a	=	19.1	µg/L	EPA 625	0.55	1			
2016/17-2	Lab	LCS dup, rec	12/14/2016	Organic	1,4-Dichlorobenzene	n/a	=	76	%	EPA 625	-88	-88	20	124	
2016/17-2	Lab	LCS, RPD	12/14/2016	Organic	1,4-Dichlorobenzene	n/a	=	7	%	EPA 625	-88	-88	0	30	
2016/17-2	Lab	method blank	12/15/2016	Organic	1-Methylnaphthalene	n/a	<	0.1	µg/L	EPA 8270C	0.1	0.1			
2016/17-2	Lab	method blank	12/15/2016	Organic	1-Methylphenanthrene	n/a	<	0.1	µg/L	EPA 8270C	0.1	0.1			
2016/17-2	Lab	method blank	12/21/2016	Organic	2,4,5-Trichlorophenol	n/a	<	0.29	µg/L	EPA 8270C	0.29	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	
2016/17-2	Lab	srgt method blank	12/10/2016	Organic	2,4,6-Tribromophenol	n/a	=	31.5	µg/L	EPA 625	-88	-88			
2016/17-2	Lab	srgt method blank, rec	12/10/2016	Organic	2,4,6-Tribromophenol	n/a	=	63	%	EPA 625	-88	-88	25	102	
2016/17-2	Lab	srgt LCS	12/10/2016	Organic	2,4,6-Tribromophenol	n/a	=	43.3	µg/L	EPA 625	-88	-88			
2016/17-2	Lab	srgt LCS, rec	12/10/2016	Organic	2,4,6-Tribromophenol	n/a	=	87	%	EPA 625	-88	-88	25	102	
2016/17-2	Lab	srgt LCS dup	12/10/2016	Organic	2,4,6-Tribromophenol	n/a	=	39.8	µg/L	EPA 625	-88	-88			
2016/17-2	Lab	srgt LCS dup, rec	12/10/2016	Organic	2,4,6-Tribromophenol	n/a	=	80	%	EPA 625	-88	-88	25	102	
2016/17-2	Lab	srgt method blank	12/14/2016	Organic	2,4,6-Tribromophenol	n/a	=	33.1	µg/L	EPA 625	-88	-88			
2016/17-2	Lab	srgt method blank, rec	12/14/2016	Organic	2,4,6-Tribromophenol	n/a	=	66	%	EPA 625	-88	-88	25	102	
2016/17-2	Lab	srgt LCS	12/14/2016	Organic	2,4,6-Tribromophenol	n/a	=	40.4	µg/L	EPA 625	-88	-88			
2016/17-2	Lab	srgt LCS, rec	12/14/2016	Organic	2,4,6-Tribromophenol	n/a	=	81	%	EPA 625	-88	-88	25	102	
2016/17-2	Lab	srgt LCS dup	12/14/2016	Organic	2,4,6-Tribromophenol	n/a	=	37.8	µg/L	EPA 625	-88	-88			
2016/17-2	Lab	srgt LCS dup, rec	12/14/2016	Organic	2,4,6-Tribromophenol	n/a	=	76	%	EPA 625	-88	-88	25	102	
2016/17-2	Lab	srgt method blank	12/21/2016	Organic	2,4,6-Tribromophenol	n/a	=	39.5	µg/L	EPA 8270C	-88	-88			
2016/17-2	Lab	srgt method blank, rec	12/21/2016	Organic	2,4,6-Tribromophenol	n/a	=	79	%	EPA 8270C	-88	-88	26	117	
2016/17-2	Lab	srgt LCS	12/21/2016	Organic	2,4,6-Tribromophenol	n/a	=	7.99	µg/L	EPA 8270C	-88	-88			
2016/17-2	Lab	srgt LCS, rec	12/21/2016	Organic	2,4,6-Tribromophenol	n/a	=	80	%	EPA 8270C	-88	-88	26	117	
2016/17-2	Lab	srgt LCS dup	12/21/2016	Organic	2,4,6-Tribromophenol	n/a	=	8.31	µg/L	EPA 8270C	-88	-88			
2016/17-2	Lab	srgt LCS dup, rec	12/21/2016	Organic	2,4,6-Tribromophenol	n/a	=	83	%	EPA 8270C	-88	-88	26	117	
2016/17-2	ME-CC	srgt environ	12/14/2016	Organic	2,4,6-Tribromophenol	n/a	=	34.5	µg/L	EPA 625	-88	-88			
2016/17-2	ME-CC	srgt environ, rec	12/14/2016	Organic	2,4,6-Tribromophenol	n/a	=	69	%	EPA 625	-88	-88	25	102	
2016/17-2	ME-CC	srgt environ	12/21/2016	Organic	2,4,6-Tribromophenol	n/a	=	7.79	µg/L	EPA 8270C	-88	-88			
2016/17-2	ME-CC	srgt environ, rec	12/21/2016	Organic	2,4,6-Tribromophenol	n/a	=	78	%	EPA 8270C	-88	-88	26	117	
2016/17-2	ME-VR2	srgt environ	12/14/2016	Organic	2,4,6-Tribromophenol	n/a	=	35	µg/L	EPA 625	-88	-88			
2016/17-2	ME-VR2	srgt environ, rec	12/14/2016	Organic	2,4,6-Tribromophenol	n/a	=	70	%	EPA 625	-88	-88	25	102	
2016/17-2	ME-VR2	srgt environ	12/21/2016	Organic	2,4,6-Tribromophenol	n/a	=	7.37	µg/L	EPA 8270C	-88	-88			
2016/17-2	ME-VR2	srgt environ, rec	12/21/2016	Organic	2,4,6-Tribromophenol	n/a	=	74	%	EPA 8270C	-88	-88	26	117	
2016/17-2	MO-CAM	srgt environ	12/10/2016	Organic	2,4,6-Tribromophenol	n/a	=	34	µg/L	EPA 625	-88	-88			
2016/17-2	MO-CAM	srgt environ, rec	12/10/2016	Organic	2,4,6-Tribromophenol	n/a	=	68	%	EPA 625	-88	-88	25	102	
2016/17-2	MO-CAM	srgt environ	12/21/2016	Organic	2,4,6-Tribromophenol	n/a	=	7.5	µg/L	EPA 8270C	-88	-88			
2016/17-2	MO-CAM	srgt environ, rec	12/21/2016	Organic	2,4,6-Tribromophenol	n/a	=	75	%	EPA 8270C	-88	-88	26	117	
2016/17-2	MO-FIL	srgt environ	12/14/2016	Organic	2,4,6-Tribromophenol	n/a	=	37.8	µg/L	EPA 625	-88	-88			
2016/17-2	MO-FIL	srgt environ, rec	12/14/2016	Organic	2,4,6-Tribromophenol	n/a	=	76	%	EPA 625	-88	-88	25	102	
2016/17-2	MO-FIL	srgt environ	12/21/2016	Organic	2,4,6-Tribromophenol	n/a	=	7.15	µg/L	EPA 8270C	-88	-88			
2016/17-2	MO-FIL	srgt environ, rec	12/21/2016	Organic	2,4,6-Tribromophenol	n/a	=	72	%	EPA 8270C	-88	-88	26	117	
2016/17-2	MO-HUE	srgt environ	12/14/2016	Organic	2,4,6-Tribromophenol	n/a	=	32	µg/L	EPA 625	-88	-88			
2016/17-2	MO-HUE	srgt environ, rec	12/14/2016	Organic	2,4,6-Tribromophenol	n/a	=	64	%	EPA 625	-88	-88	25	102	
2016/17-2	MO-HUE	srgt environ	12/22/2016	Organic	2,4,6-Tribromophenol	n/a	=	6.7	µg/L	EPA 8270C	-88	-88			
2016/17-2	MO-HUE	srgt environ, rec	12/22/2016	Organic	2,4,6-Tribromophenol	n/a	=	67	%	EPA 8270C	-88	-88	26	117	
2016/17-2	MO-MPK	srgt environ	12/14/2016	Organic	2,4,6-Tribromophenol	n/a	=	34	µg/L	EPA 625	-88	-88			
2016/17-2	MO-MPK	srgt environ, rec	12/14/2016	Organic	2,4,6-Tribromophenol	n/a	=	68	%	EPA 625	-88	-88	25	102	
2016/17-2	MO-MPK	srgt environ	12/21/2016	Organic	2,4,6-Tribromophenol	n/a	=	7.6	µg/L	EPA 8270C	-88	-88			
2016/17-2	MO-MPK	srgt environ, rec	12/21/2016	Organic	2,4,6-Tribromophenol	n/a	=	76	%	EPA 8270C	-88	-88	26	117	
2016/17-2	MO-OXN	srgt environ	12/14/2016	Organic	2,4,6-Tribromophenol	n/a	=	30.8	µg/L	EPA 625	-88	-88			
2016/17-2	MO-OXN	srgt environ, rec	12/14/2016	Organic	2,4,6-Tribromophenol	n/a	=	62	%	EPA 625	-88	-88	25	102	
2016/17-2	MO-OXN	srgt environ	12/22/2016	Organic	2,4,6-Tribromophenol	n/a	=	7.35	µg/L	EPA 8270C	-88	-88			
2016/17-2	MO-OXN	srgt environ, rec	12/22/2016	Organic	2,4,6-Tribromophenol	n/a	=	74	%	EPA 8270C	-88	-88	26	117	
2016/17-2	MO-SIM	srgt environ	12/10/2016	Organic	2,4,6-Tribromophenol	n/a	=	35.6	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	
2016/17-2	MO-SIM	srgt environ, rec	12/10/2016	Organic	2,4,6-Tribromophenol	n/a	=	71	%	EPA 625	-88	-88	25	102	
2016/17-2	MO-SIM	srgt environ	12/21/2016	Organic	2,4,6-Tribromophenol	n/a	=	7.25	µg/L	EPA 8270C	-88	-88			
2016/17-2	MO-SIM	srgt environ, rec	12/21/2016	Organic	2,4,6-Tribromophenol	n/a	=	72	%	EPA 8270C	-88	-88	26	117	
2016/17-2	MO-SPA	srgt environ	12/10/2016	Organic	2,4,6-Tribromophenol	n/a	=	34.5	µg/L	EPA 625	-88	-88			
2016/17-2	MO-SPA	srgt environ, rec	12/10/2016	Organic	2,4,6-Tribromophenol	n/a	=	69	%	EPA 625	-88	-88	25	102	
2016/17-2	MO-SPA	srgt environ	12/21/2016	Organic	2,4,6-Tribromophenol	n/a	=	6.3	µg/L	EPA 8270C	-88	-88			
2016/17-2	MO-SPA	srgt environ, rec	12/21/2016	Organic	2,4,6-Tribromophenol	n/a	=	63	%	EPA 8270C	-88	-88	26	117	
2016/17-2	MO-THO	srgt environ	12/14/2016	Organic	2,4,6-Tribromophenol	n/a	=	29.4	µg/L	EPA 625	-88	-88			
2016/17-2	MO-THO	srgt environ, rec	12/14/2016	Organic	2,4,6-Tribromophenol	n/a	=	59	%	EPA 625	-88	-88	25	102	
2016/17-2	MO-THO	srgt environ	12/21/2016	Organic	2,4,6-Tribromophenol	n/a	=	7.15	µg/L	EPA 8270C	-88	-88			
2016/17-2	MO-THO	srgt environ, rec	12/21/2016	Organic	2,4,6-Tribromophenol	n/a	=	72	%	EPA 8270C	-88	-88	26	117	
2016/17-2	MO-VEN	srgt environ	12/10/2016	Organic	2,4,6-Tribromophenol	n/a	=	42.3	µg/L	EPA 625	-88	-88			
2016/17-2	MO-VEN	srgt environ, rec	12/10/2016	Organic	2,4,6-Tribromophenol	n/a	=	85	%	EPA 625	-88	-88	25	102	
2016/17-2	MO-VEN	srgt environ	12/21/2016	Organic	2,4,6-Tribromophenol	n/a	=	6.15	µg/L	EPA 8270C	-88	-88			
2016/17-2	MO-VEN	srgt environ, rec	12/21/2016	Organic	2,4,6-Tribromophenol	n/a	=	62	%	EPA 8270C	-88	-88	26	117	
2016/17-2	Lab	method blank	12/10/2016	Organic	2,4,6-Trichlorophenol	n/a	<	0.22	µg/L	EPA 625	0.22	1			
2016/17-2	Lab	LCS	12/10/2016	Organic	2,4,6-Trichlorophenol	n/a	=	28.5	µg/L	EPA 625	0.22	1			
2016/17-2	Lab	LCS, rec	12/10/2016	Organic	2,4,6-Trichlorophenol	n/a	=	114	%	EPA 625	-88	-88	37	144	
2016/17-2	Lab	LCS dup	12/10/2016	Organic	2,4,6-Trichlorophenol	n/a	=	25.2	µg/L	EPA 625	0.22	1			
2016/17-2	Lab	LCS dup, rec	12/10/2016	Organic	2,4,6-Trichlorophenol	n/a	=	101	%	EPA 625	-88	-88	37	144	
2016/17-2	Lab	LCS, RPD	12/10/2016	Organic	2,4,6-Trichlorophenol	n/a	=	12	%	EPA 625	-88	-88	0	30	
2016/17-2	Lab	method blank	12/14/2016	Organic	2,4,6-Trichlorophenol	n/a	<	0.22	µg/L	EPA 625	0.22	1			
2016/17-2	Lab	LCS	12/14/2016	Organic	2,4,6-Trichlorophenol	n/a	=	23.1	µg/L	EPA 625	0.22	1			
2016/17-2	Lab	LCS, rec	12/14/2016	Organic	2,4,6-Trichlorophenol	n/a	=	92	%	EPA 625	-88	-88	37	144	
2016/17-2	Lab	LCS dup	12/14/2016	Organic	2,4,6-Trichlorophenol	n/a	=	21.1	µg/L	EPA 625	0.22	1			
2016/17-2	Lab	LCS dup, rec	12/14/2016	Organic	2,4,6-Trichlorophenol	n/a	=	85	%	EPA 625	-88	-88	37	144	
2016/17-2	Lab	LCS, RPD	12/14/2016	Organic	2,4,6-Trichlorophenol	n/a	=	9	%	EPA 625	-88	-88	0	30	
2016/17-2	Lab	method blank	12/21/2016	Organic	2,4,6-Trichlorophenol	n/a	<	0.3	µg/L	EPA 8270C	0.3	1			
2016/17-2	Lab	LCS	12/21/2016	Organic	2,4,6-Trichlorophenol	n/a	=	7.8	µg/L	EPA 8270C	0.3	1			
2016/17-2	Lab	LCS, rec	12/21/2016	Organic	2,4,6-Trichlorophenol	n/a	=	78	%	EPA 8270C	-88	-88	30	115	
2016/17-2	Lab	LCS dup	12/21/2016	Organic	2,4,6-Trichlorophenol	n/a	=	8.5	µg/L	EPA 8270C	0.3	1			
2016/17-2	Lab	LCS dup, rec	12/21/2016	Organic	2,4,6-Trichlorophenol	n/a	=	85	%	EPA 8270C	-88	-88	30	115	
2016/17-2	Lab	LCS, RPD	12/21/2016	Organic	2,4,6-Trichlorophenol	n/a	=	9	%	EPA 8270C	-88	-88	0	30	
2016/17-2	Lab	method blank	12/10/2016	Organic	2,4-Dichlorophenol	n/a	<	0.26	µg/L	EPA 625	0.26	1			
2016/17-2	Lab	LCS	12/10/2016	Organic	2,4-Dichlorophenol	n/a	=	25.9	µg/L	EPA 625	0.26	1			
2016/17-2	Lab	LCS, rec	12/10/2016	Organic	2,4-Dichlorophenol	n/a	=	104	%	EPA 625	-88	-88	39	135	
2016/17-2	Lab	LCS dup	12/10/2016	Organic	2,4-Dichlorophenol	n/a	=	22.9	µg/L	EPA 625	0.26	1			
2016/17-2	Lab	LCS dup, rec	12/10/2016	Organic	2,4-Dichlorophenol	n/a	=	92	%	EPA 625	-88	-88	39	135	
2016/17-2	Lab	LCS, RPD	12/10/2016	Organic	2,4-Dichlorophenol	n/a	=	12	%	EPA 625	-88	-88	0	30	
2016/17-2	Lab	method blank	12/14/2016	Organic	2,4-Dichlorophenol	n/a	<	0.26	µg/L	EPA 625	0.26	1			
2016/17-2	Lab	LCS	12/14/2016	Organic	2,4-Dichlorophenol	n/a	=	21.1	µg/L	EPA 625	0.26	1			
2016/17-2	Lab	LCS, rec	12/14/2016	Organic	2,4-Dichlorophenol	n/a	=	84	%	EPA 625	-88	-88	39	135	
2016/17-2	Lab	LCS dup	12/14/2016	Organic	2,4-Dichlorophenol	n/a	=	20.5	µg/L	EPA 625	0.26	1			
2016/17-2	Lab	LCS dup, rec	12/14/2016	Organic	2,4-Dichlorophenol	n/a	=	82	%	EPA 625	-88	-88	39	135	
2016/17-2	Lab	LCS, RPD	12/14/2016	Organic	2,4-Dichlorophenol	n/a	=	3	%	EPA 625	-88	-88	0	30	
2016/17-2	Lab	method blank	12/21/2016	Organic	2,4-Dichlorophenol	n/a	<	0.51	µg/L	EPA 8270C	0.51	1			
2016/17-2	Lab	LCS	12/21/2016	Organic	2,4-Dichlorophenol	n/a	=	6.72	µg/L	EPA 8270C	0.51	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	
2016/17-2	Lab	LCS, rec	12/21/2016	Organic	2,4-Dichlorophenol	n/a	=	67	%	EPA 8270C	-88	-88	32	105	
2016/17-2	Lab	LCS dup	12/21/2016	Organic	2,4-Dichlorophenol	n/a	=	7.52	µg/L	EPA 8270C	0.51	1			
2016/17-2	Lab	LCS dup, rec	12/21/2016	Organic	2,4-Dichlorophenol	n/a	=	75	%	EPA 8270C	-88	-88	32	105	
2016/17-2	Lab	LCS, RPD	12/21/2016	Organic	2,4-Dichlorophenol	n/a	=	11	%	EPA 8270C	-88	-88	0	30	
2016/17-2	000NONPJ	srgt matrix spike	12/3/2016	Organic	2,4-Dichlorophenylacetic acid	n/a	=	10.5	µg/L	EPA 515.3	-88	-88			
2016/17-2	000NONPJ	srgt matrix spike, rec	12/3/2016	Organic	2,4-Dichlorophenylacetic acid	n/a	=	105	%	EPA 515.3	-88	-88	70	130	
2016/17-2	000NONPJ	srgt matrix spike dup	12/3/2016	Organic	2,4-Dichlorophenylacetic acid	n/a	=	10.7	µg/L	EPA 515.3	-88	-88			
2016/17-2	000NONPJ	srgt matrix spike dup, rec	12/3/2016	Organic	2,4-Dichlorophenylacetic acid	n/a	=	107	%	EPA 515.3	-88	-88	70	130	
2016/17-2	000NONPJ	srgt matrix spike	12/3/2016	Organic	2,4-Dichlorophenylacetic acid	n/a	=	10.9	µg/L	EPA 515.3	-88	-88			
2016/17-2	000NONPJ	srgt matrix spike, rec	12/3/2016	Organic	2,4-Dichlorophenylacetic acid	n/a	=	109	%	EPA 515.3	-88	-88	70	130	
2016/17-2	000NONPJ	srgt matrix spike dup	12/3/2016	Organic	2,4-Dichlorophenylacetic acid	n/a	=	10.3	µg/L	EPA 515.3	-88	-88			
2016/17-2	000NONPJ	srgt matrix spike dup, rec	12/3/2016	Organic	2,4-Dichlorophenylacetic acid	n/a	=	103	%	EPA 515.3	-88	-88	70	130	
2016/17-2	Lab	srgt method blank	12/3/2016	Organic	2,4-Dichlorophenylacetic acid	n/a	=	9.02	µg/L	EPA 515.3	-88	-88			
2016/17-2	Lab	srgt method blank, rec	12/3/2016	Organic	2,4-Dichlorophenylacetic acid	n/a	=	90	%	EPA 515.3	-88	-88	70	130	
2016/17-2	Lab	srgt LCS	12/3/2016	Organic	2,4-Dichlorophenylacetic acid	n/a	=	9.95	µg/L	EPA 515.3	-88	-88			
2016/17-2	Lab	srgt LCS, rec	12/3/2016	Organic	2,4-Dichlorophenylacetic acid	n/a	=	99	%	EPA 515.3	-88	-88	70	130	
2016/17-2	ME-CC	srgt environ	12/4/2016	Organic	2,4-Dichlorophenylacetic acid	n/a	=	9.96	µg/L	EPA 515.3	-88	-88			
2016/17-2	ME-CC	srgt environ, rec	12/4/2016	Organic	2,4-Dichlorophenylacetic acid	n/a	=	100	%	EPA 515.3	-88	-88	70	130	
2016/17-2	ME-VR2	srgt environ	12/4/2016	Organic	2,4-Dichlorophenylacetic acid	n/a	=	9.8	µg/L	EPA 515.3	-88	-88			
2016/17-2	ME-VR2	srgt environ, rec	12/4/2016	Organic	2,4-Dichlorophenylacetic acid	n/a	=	98	%	EPA 515.3	-88	-88	70	130	
2016/17-2	MO-CAM	srgt environ	12/4/2016	Organic	2,4-Dichlorophenylacetic acid	n/a	=	10.7	µg/L	EPA 515.3	-88	-88			
2016/17-2	MO-CAM	srgt environ, rec	12/4/2016	Organic	2,4-Dichlorophenylacetic acid	n/a	=	107	%	EPA 515.3	-88	-88	70	130	
2016/17-2	MO-FIL	srgt environ	12/4/2016	Organic	2,4-Dichlorophenylacetic acid	n/a	=	10.5	µg/L	EPA 515.3	-88	-88			
2016/17-2	MO-FIL	srgt environ, rec	12/4/2016	Organic	2,4-Dichlorophenylacetic acid	n/a	=	105	%	EPA 515.3	-88	-88	70	130	
2016/17-2	MO-HUE	srgt environ	12/4/2016	Organic	2,4-Dichlorophenylacetic acid	n/a	=	10.7	µg/L	EPA 515.3	-88	-88			
2016/17-2	MO-HUE	srgt environ, rec	12/4/2016	Organic	2,4-Dichlorophenylacetic acid	n/a	=	107	%	EPA 515.3	-88	-88	70	130	
2016/17-2	MO-MEI	srgt environ	12/4/2016	Organic	2,4-Dichlorophenylacetic acid	n/a	=	10.4	µg/L	EPA 515.3	-88	-88			
2016/17-2	MO-MEI	srgt environ, rec	12/4/2016	Organic	2,4-Dichlorophenylacetic acid	n/a	=	104	%	EPA 515.3	-88	-88	70	130	
2016/17-2	MO-MPK	srgt environ	12/4/2016	Organic	2,4-Dichlorophenylacetic acid	n/a	=	10.5	µg/L	EPA 515.3	-88	-88			
2016/17-2	MO-MPK	srgt environ, rec	12/4/2016	Organic	2,4-Dichlorophenylacetic acid	n/a	=	105	%	EPA 515.3	-88	-88	70	130	
2016/17-2	MO-OXN	srgt environ	12/4/2016	Organic	2,4-Dichlorophenylacetic acid	n/a	=	10.6	µg/L	EPA 515.3	-88	-88			
2016/17-2	MO-OXN	srgt environ, rec	12/4/2016	Organic	2,4-Dichlorophenylacetic acid	n/a	=	106	%	EPA 515.3	-88	-88	70	130	
2016/17-2	MO-SIM	srgt environ	12/4/2016	Organic	2,4-Dichlorophenylacetic acid	n/a	=	10.4	µg/L	EPA 515.3	-88	-88			
2016/17-2	MO-SIM	srgt environ, rec	12/4/2016	Organic	2,4-Dichlorophenylacetic acid	n/a	=	104	%	EPA 515.3	-88	-88	70	130	
2016/17-2	MO-SPA	srgt environ	12/4/2016	Organic	2,4-Dichlorophenylacetic acid	n/a	=	10.5	µg/L	EPA 515.3	-88	-88			
2016/17-2	MO-SPA	srgt environ, rec	12/4/2016	Organic	2,4-Dichlorophenylacetic acid	n/a	=	105	%	EPA 515.3	-88	-88	70	130	
2016/17-2	MO-THO	srgt environ	12/4/2016	Organic	2,4-Dichlorophenylacetic acid	n/a	=	10.5	µg/L	EPA 515.3	-88	-88			
2016/17-2	MO-THO	srgt environ, rec	12/4/2016	Organic	2,4-Dichlorophenylacetic acid	n/a	=	105	%	EPA 515.3	-88	-88	70	130	
2016/17-2	MO-VEN	srgt environ	12/4/2016	Organic	2,4-Dichlorophenylacetic acid	n/a	=	10.3	µg/L	EPA 515.3	-88	-88			
2016/17-2	MO-VEN	srgt environ, rec	12/4/2016	Organic	2,4-Dichlorophenylacetic acid	n/a	=	103	%	EPA 515.3	-88	-88	70	130	
2016/17-2	Lab	method blank	12/10/2016	Organic	2,4-Dimethylphenol	n/a	<	0.3	µg/L	EPA 625	0.3	1			
2016/17-2	Lab	LCS	12/10/2016	Organic	2,4-Dimethylphenol	n/a	=	17.8	µg/L	EPA 625	0.3	1			
2016/17-2	Lab	LCS, rec	12/10/2016	Organic	2,4-Dimethylphenol	n/a	=	71	%	EPA 625	-88	-88	32	119	
2016/17-2	Lab	LCS dup	12/10/2016	Organic	2,4-Dimethylphenol	n/a	=	17.1	µg/L	EPA 625	0.3	1			
2016/17-2	Lab	LCS dup, rec	12/10/2016	Organic	2,4-Dimethylphenol	n/a	=	68	%	EPA 625	-88	-88	32	119	
2016/17-2	Lab	LCS, RPD	12/10/2016	Organic	2,4-Dimethylphenol	n/a	=	4	%	EPA 625	-88	-88	0	30	
2016/17-2	Lab	method blank	12/14/2016	Organic	2,4-Dimethylphenol	n/a	<	0.3	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	
2016/17-2	Lab	LCS	12/14/2016	Organic	2,4-Dimethylphenol	n/a	=	18.4	µg/L	EPA 625	0.3	1			
2016/17-2	Lab	LCS, rec	12/14/2016	Organic	2,4-Dimethylphenol	n/a	=	74	%	EPA 625	-88	-88	32	119	
2016/17-2	Lab	LCS dup	12/14/2016	Organic	2,4-Dimethylphenol	n/a	=	18.2	µg/L	EPA 625	0.3	1			
2016/17-2	Lab	LCS dup, rec	12/14/2016	Organic	2,4-Dimethylphenol	n/a	=	73	%	EPA 625	-88	-88	32	119	
2016/17-2	Lab	LCS, RPD	12/14/2016	Organic	2,4-Dimethylphenol	n/a	=	1	%	EPA 625	-88	-88	0	30	
2016/17-2	Lab	method blank	12/21/2016	Organic	2,4-Dimethylphenol	n/a	<	1	µg/L	EPA 8270C	1	2			
2016/17-2	Lab	LCS	12/21/2016	Organic	2,4-Dimethylphenol	n/a	=	4.69	µg/L	EPA 8270C	1	2			
2016/17-2	Lab	LCS, rec	12/21/2016	Organic	2,4-Dimethylphenol	n/a	=	47	%	EPA 8270C	-88	-88	31	97	
2016/17-2	Lab	LCS dup	12/21/2016	Organic	2,4-Dimethylphenol	n/a	=	5.93	µg/L	EPA 8270C	1	2			
2016/17-2	Lab	LCS dup, rec	12/21/2016	Organic	2,4-Dimethylphenol	n/a	=	59	%	EPA 8270C	-88	-88	31	97	
2016/17-2	Lab	LCS, RPD	12/21/2016	Organic	2,4-Dimethylphenol	n/a	=	23	%	EPA 8270C	-88	-88	0	30	
2016/17-2	Lab	method blank	12/10/2016	Organic	2,4-Dinitrophenol	n/a	<	1.6	µg/L	EPA 625	1.6	10			
2016/17-2	Lab	LCS	12/10/2016	Organic	2,4-Dinitrophenol	n/a	=	12.9	µg/L	EPA 625	1.6	10			
2016/17-2	Lab	LCS, rec	12/10/2016	Organic	2,4-Dinitrophenol	n/a	=	52	%	EPA 625	-88	-88	0.1	191	
2016/17-2	Lab	LCS dup	12/10/2016	Organic	2,4-Dinitrophenol	n/a	=	12.1	µg/L	EPA 625	1.6	10			
2016/17-2	Lab	LCS dup, rec	12/10/2016	Organic	2,4-Dinitrophenol	n/a	=	48	%	EPA 625	-88	-88	0.1	191	
2016/17-2	Lab	LCS, RPD	12/10/2016	Organic	2,4-Dinitrophenol	n/a	=	7	%	EPA 625	-88	-88	0	30	
2016/17-2	Lab	method blank	12/14/2016	Organic	2,4-Dinitrophenol	n/a	<	1.6	µg/L	EPA 625	1.6	5			
2016/17-2	Lab	LCS	12/14/2016	Organic	2,4-Dinitrophenol	n/a	=	15.3	µg/L	EPA 625	1.6	10			
2016/17-2	Lab	LCS, rec	12/14/2016	Organic	2,4-Dinitrophenol	n/a	=	61	%	EPA 625	-88	-88	0.1	191	
2016/17-2	Lab	LCS dup	12/14/2016	Organic	2,4-Dinitrophenol	n/a	=	13	µg/L	EPA 625	1.6	10			
2016/17-2	Lab	LCS dup, rec	12/14/2016	Organic	2,4-Dinitrophenol	n/a	=	52	%	EPA 625	-88	-88	0.1	191	
2016/17-2	Lab	LCS, RPD	12/14/2016	Organic	2,4-Dinitrophenol	n/a	=	16	%	EPA 625	-88	-88	0	30	
2016/17-2	Lab	method blank	12/21/2016	Organic	2,4-Dinitrophenol	n/a	<	1	µg/L	EPA 8270C	1	2			
2016/17-2	Lab	LCS	12/21/2016	Organic	2,4-Dinitrophenol	n/a	=	9.43	µg/L	EPA 8270C	1	2			
2016/17-2	Lab	LCS, rec	12/21/2016	Organic	2,4-Dinitrophenol	n/a	=	94	%	EPA 8270C	-88	-88	7	155	
2016/17-2	Lab	LCS dup	12/21/2016	Organic	2,4-Dinitrophenol	n/a	=	6.99	µg/L	EPA 8270C	1	2			
2016/17-2	Lab	LCS dup, rec	12/21/2016	Organic	2,4-Dinitrophenol	n/a	=	70	%	EPA 8270C	-88	-88	7	155	
2016/17-2	Lab	LCS, RPD	12/21/2016	Organic	2,4-Dinitrophenol	n/a	=	30	%	EPA 8270C	-88	-88	0	30	
2016/17-2	Lab	method blank	12/10/2016	Organic	2,4-Dinitrotoluene	n/a	<	0.18	µg/L	EPA 625	0.18	1			
2016/17-2	Lab	LCS	12/10/2016	Organic	2,4-Dinitrotoluene	n/a	=	24.7	µg/L	EPA 625	0.18	1			
2016/17-2	Lab	LCS, rec	12/10/2016	Organic	2,4-Dinitrotoluene	n/a	=	99	%	EPA 625	-88	-88	39	139	
2016/17-2	Lab	LCS dup	12/10/2016	Organic	2,4-Dinitrotoluene	n/a	=	22.8	µg/L	EPA 625	0.18	1			
2016/17-2	Lab	LCS dup, rec	12/10/2016	Organic	2,4-Dinitrotoluene	n/a	=	91	%	EPA 625	-88	-88	39	139	
2016/17-2	Lab	LCS, RPD	12/10/2016	Organic	2,4-Dinitrotoluene	n/a	=	8	%	EPA 625	-88	-88	0	30	
2016/17-2	Lab	method blank	12/14/2016	Organic	2,4-Dinitrotoluene	n/a	<	0.18	µg/L	EPA 625	0.18	1			
2016/17-2	Lab	LCS	12/14/2016	Organic	2,4-Dinitrotoluene	n/a	=	22.3	µg/L	EPA 625	0.18	1			
2016/17-2	Lab	LCS, rec	12/14/2016	Organic	2,4-Dinitrotoluene	n/a	=	89	%	EPA 625	-88	-88	39	139	
2016/17-2	Lab	LCS dup	12/14/2016	Organic	2,4-Dinitrotoluene	n/a	=	21.3	µg/L	EPA 625	0.18	1			
2016/17-2	Lab	LCS dup, rec	12/14/2016	Organic	2,4-Dinitrotoluene	n/a	=	85	%	EPA 625	-88	-88	39	139	
2016/17-2	Lab	LCS, RPD	12/14/2016	Organic	2,4-Dinitrotoluene	n/a	=	5	%	EPA 625	-88	-88	0	30	
2016/17-2	Lab	method blank	12/15/2016	Organic	2,6-Dimethylnaphthalene	n/a	<	0.1	µg/L	EPA 8270C	0.1	0.1			
2016/17-2	Lab	method blank	12/10/2016	Organic	2,6-Dinitrotoluene	n/a	<	0.27	µg/L	EPA 625	0.27	1			
2016/17-2	Lab	LCS	12/10/2016	Organic	2,6-Dinitrotoluene	n/a	=	27.6	µg/L	EPA 625	0.27	1			
2016/17-2	Lab	LCS, rec	12/10/2016	Organic	2,6-Dinitrotoluene	n/a	=	110	%	EPA 625	-88	-88	50	158	
2016/17-2	Lab	LCS dup	12/10/2016	Organic	2,6-Dinitrotoluene	n/a	=	24.8	µg/L	EPA 625	0.27	1			
2016/17-2	Lab	LCS dup, rec	12/10/2016	Organic	2,6-Dinitrotoluene	n/a	=	99	%	EPA 625	-88	-88	50	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	
2016/17-2	Lab	LCS, RPD	12/10/2016	Organic	2,6-Dinitrotoluene	n/a	=	11	%	EPA 625	-88	-88	0	30	
2016/17-2	Lab	method blank	12/14/2016	Organic	2,6-Dinitrotoluene	n/a	<	0.27	µg/L	EPA 625	0.27	1			
2016/17-2	Lab	LCS	12/14/2016	Organic	2,6-Dinitrotoluene	n/a	=	22.4	µg/L	EPA 625	0.27	1			
2016/17-2	Lab	LCS, rec	12/14/2016	Organic	2,6-Dinitrotoluene	n/a	=	90	%	EPA 625	-88	-88	50	158	
2016/17-2	Lab	LCS dup	12/14/2016	Organic	2,6-Dinitrotoluene	n/a	=	20.9	µg/L	EPA 625	0.27	1			
2016/17-2	Lab	LCS dup, rec	12/14/2016	Organic	2,6-Dinitrotoluene	n/a	=	84	%	EPA 625	-88	-88	50	158	
2016/17-2	Lab	LCS, RPD	12/14/2016	Organic	2,6-Dinitrotoluene	n/a	=	7	%	EPA 625	-88	-88	0	30	
2016/17-2	Lab	LCS	11/22/2016	Organic	2-Chloroethyl vinyl ether	n/a	=	43.9	µg/L	EPA 624	0.28	1			
2016/17-2	Lab	LCS, rec	11/22/2016	Organic	2-Chloroethyl vinyl ether	n/a	=	88	%	EPA 624	-88	-88	0.1	305	
2016/17-2	Lab	LCS dup	11/22/2016	Organic	2-Chloroethyl vinyl ether	n/a	=	43.6	µg/L	EPA 624	0.28	1			
2016/17-2	Lab	LCS dup, rec	11/22/2016	Organic	2-Chloroethyl vinyl ether	n/a	=	87	%	EPA 624	-88	-88	0.1	305	
2016/17-2	Lab	LCS, RPD	11/22/2016	Organic	2-Chloroethyl vinyl ether	n/a	=	0.8	%	EPA 624	-88	-88	0	25	
2016/17-2	Lab	method blank	11/23/2016	Organic	2-Chloroethyl vinyl ether	n/a	<	0.28	µg/L	EPA 624	0.28	1			
2016/17-2	Lab	LCS	11/24/2016	Organic	2-Chloroethyl vinyl ether	n/a	=	50.1	µg/L	EPA 624	0.28	1			
2016/17-2	Lab	LCS, rec	11/24/2016	Organic	2-Chloroethyl vinyl ether	n/a	=	100	%	EPA 624	-88	-88	0.1	305	
2016/17-2	Lab	LCS dup	11/24/2016	Organic	2-Chloroethyl vinyl ether	n/a	=	48.5	µg/L	EPA 624	0.28	1			
2016/17-2	Lab	LCS dup, rec	11/24/2016	Organic	2-Chloroethyl vinyl ether	n/a	=	97	%	EPA 624	-88	-88	0.1	305	
2016/17-2	Lab	LCS, RPD	11/24/2016	Organic	2-Chloroethyl vinyl ether	n/a	=	3	%	EPA 624	-88	-88	0	25	
2016/17-2	Lab	method blank	11/24/2016	Organic	2-Chloroethyl vinyl ether	n/a	<	0.28	µg/L	EPA 624	0.28	1			
2016/17-2	Lab	LCS dup	11/27/2016	Organic	2-Chloroethyl vinyl ether	n/a	=	51.4	µg/L	EPA 624	0.28	1			
2016/17-2	Lab	LCS dup, rec	11/27/2016	Organic	2-Chloroethyl vinyl ether	n/a	=	103	%	EPA 624	-88	-88	0.1	305	
2016/17-2	Lab	LCS, RPD	11/27/2016	Organic	2-Chloroethyl vinyl ether	n/a	=	2	%	EPA 624	-88	-88	0	25	
2016/17-2	Lab	LCS	11/27/2016	Organic	2-Chloroethyl vinyl ether	n/a	=	50.5	µg/L	EPA 624	0.28	1			
2016/17-2	Lab	LCS, rec	11/27/2016	Organic	2-Chloroethyl vinyl ether	n/a	=	101	%	EPA 624	-88	-88	0.1	305	
2016/17-2	Lab	method blank	11/27/2016	Organic	2-Chloroethyl vinyl ether	n/a	<	0.28	µg/L	EPA 624	0.28	1			
2016/17-2	Lab	method blank	12/10/2016	Organic	2-Chloronaphthalene	n/a	<	0.45	µg/L	EPA 625	0.45	1			
2016/17-2	Lab	LCS	12/10/2016	Organic	2-Chloronaphthalene	n/a	=	26.6	µg/L	EPA 625	0.45	1			
2016/17-2	Lab	LCS, rec	12/10/2016	Organic	2-Chloronaphthalene	n/a	=	106	%	EPA 625	-88	-88	60	118	
2016/17-2	Lab	LCS dup	12/10/2016	Organic	2-Chloronaphthalene	n/a	=	24.5	µg/L	EPA 625	0.45	1			
2016/17-2	Lab	LCS dup, rec	12/10/2016	Organic	2-Chloronaphthalene	n/a	=	98	%	EPA 625	-88	-88	60	118	
2016/17-2	Lab	LCS, RPD	12/10/2016	Organic	2-Chloronaphthalene	n/a	=	8	%	EPA 625	-88	-88	0	30	
2016/17-2	Lab	method blank	12/14/2016	Organic	2-Chloronaphthalene	n/a	<	0.45	µg/L	EPA 625	0.45	1			
2016/17-2	Lab	LCS	12/14/2016	Organic	2-Chloronaphthalene	n/a	=	22.1	µg/L	EPA 625	0.45	1			
2016/17-2	Lab	LCS, rec	12/14/2016	Organic	2-Chloronaphthalene	n/a	=	89	%	EPA 625	-88	-88	60	118	
2016/17-2	Lab	LCS dup	12/14/2016	Organic	2-Chloronaphthalene	n/a	=	20	µg/L	EPA 625	0.45	1			
2016/17-2	Lab	LCS dup, rec	12/14/2016	Organic	2-Chloronaphthalene	n/a	=	80	%	EPA 625	-88	-88	60	118	
2016/17-2	Lab	LCS, RPD	12/14/2016	Organic	2-Chloronaphthalene	n/a	=	10	%	EPA 625	-88	-88	0	30	
2016/17-2	Lab	method blank	12/10/2016	Organic	2-Chlorophenol	n/a	<	0.28	µg/L	EPA 625	0.28	1			
2016/17-2	Lab	LCS	12/10/2016	Organic	2-Chlorophenol	n/a	=	23.5	µg/L	EPA 625	0.28	1			
2016/17-2	Lab	LCS, rec	12/10/2016	Organic	2-Chlorophenol	n/a	=	94	%	EPA 625	-88	-88	23	134	
2016/17-2	Lab	LCS dup	12/10/2016	Organic	2-Chlorophenol	n/a	=	21.6	µg/L	EPA 625	0.28	1			
2016/17-2	Lab	LCS dup, rec	12/10/2016	Organic	2-Chlorophenol	n/a	=	87	%	EPA 625	-88	-88	23	134	
2016/17-2	Lab	LCS, RPD	12/10/2016	Organic	2-Chlorophenol	n/a	=	8	%	EPA 625	-88	-88	0	30	
2016/17-2	Lab	method blank	12/14/2016	Organic	2-Chlorophenol	n/a	<	0.28	µg/L	EPA 625	0.28	1			
2016/17-2	Lab	LCS	12/14/2016	Organic	2-Chlorophenol	n/a	=	20.5	µg/L	EPA 625	0.28	1			
2016/17-2	Lab	LCS, rec	12/14/2016	Organic	2-Chlorophenol	n/a	=	82	%	EPA 625	-88	-88	23	134	
2016/17-2	Lab	LCS dup	12/14/2016	Organic	2-Chlorophenol	n/a	=	18.5	µg/L	EPA 625	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	
2016/17-2	Lab	LCS dup, rec	12/14/2016	Organic	2-Chlorophenol	n/a	=	74	%	EPA 625	-88	-88	23	134	
2016/17-2	Lab	LCS, RPD	12/14/2016	Organic	2-Chlorophenol	n/a	=	11	%	EPA 625	-88	-88	0	30	
2016/17-2	Lab	method blank	12/21/2016	Organic	2-Chlorophenol	n/a	<	0.65	µg/L	EPA 8270C	0.65	1			
2016/17-2	Lab	LCS	12/21/2016	Organic	2-Chlorophenol	n/a	=	5.59	µg/L	EPA 8270C	0.65	1			
2016/17-2	Lab	LCS, rec	12/21/2016	Organic	2-Chlorophenol	n/a	=	56	%	EPA 8270C	-88	-88	27	90	
2016/17-2	Lab	LCS dup	12/21/2016	Organic	2-Chlorophenol	n/a	=	6.83	µg/L	EPA 8270C	0.65	1			
2016/17-2	Lab	LCS dup, rec	12/21/2016	Organic	2-Chlorophenol	n/a	=	68	%	EPA 8270C	-88	-88	27	90	
2016/17-2	Lab	LCS, RPD	12/21/2016	Organic	2-Chlorophenol	n/a	=	20	%	EPA 8270C	-88	-88	0	30	
2016/17-2	Lab	srgt method blank	12/10/2016	Organic	2-Fluorobiphenyl	n/a	=	18.6	µg/L	EPA 625	-88	-88			
2016/17-2	Lab	srgt method blank, rec	12/10/2016	Organic	2-Fluorobiphenyl	n/a	=	74	%	EPA 625	-88	-88	22	107	
2016/17-2	Lab	srgt LCS	12/10/2016	Organic	2-Fluorobiphenyl	n/a	=	24.7	µg/L	EPA 625	-88	-88			
2016/17-2	Lab	srgt LCS, rec	12/10/2016	Organic	2-Fluorobiphenyl	n/a	=	99	%	EPA 625	-88	-88	22	107	
2016/17-2	Lab	srgt LCS dup	12/10/2016	Organic	2-Fluorobiphenyl	n/a	=	22.7	µg/L	EPA 625	-88	-88			
2016/17-2	Lab	srgt LCS dup, rec	12/10/2016	Organic	2-Fluorobiphenyl	n/a	=	91	%	EPA 625	-88	-88	22	107	
2016/17-2	Lab	srgt method blank	12/14/2016	Organic	2-Fluorobiphenyl	n/a	=	18.4	µg/L	EPA 625	-88	-88			
2016/17-2	Lab	srgt method blank, rec	12/14/2016	Organic	2-Fluorobiphenyl	n/a	=	74	%	EPA 625	-88	-88	22	107	
2016/17-2	Lab	srgt LCS	12/14/2016	Organic	2-Fluorobiphenyl	n/a	=	21.4	µg/L	EPA 625	-88	-88			
2016/17-2	Lab	srgt LCS, rec	12/14/2016	Organic	2-Fluorobiphenyl	n/a	=	85	%	EPA 625	-88	-88	22	107	
2016/17-2	Lab	srgt LCS dup	12/14/2016	Organic	2-Fluorobiphenyl	n/a	=	18.7	µg/L	EPA 625	-88	-88			
2016/17-2	Lab	srgt LCS dup, rec	12/14/2016	Organic	2-Fluorobiphenyl	n/a	=	75	%	EPA 625	-88	-88	22	107	
2016/17-2	Lab	srgt method blank	12/15/2016	Organic	2-Fluorobiphenyl	n/a	=	19	µg/L	EPA 8270C	-88	-88			
2016/17-2	Lab	srgt method blank, rec	12/15/2016	Organic	2-Fluorobiphenyl	n/a	=	76	%	EPA 8270C	-88	-88	51	139	
2016/17-2	Lab	srgt LCS	12/16/2016	Organic	2-Fluorobiphenyl	n/a	=	3.29	µg/L	EPA 8270C	-88	-88			
2016/17-2	Lab	srgt LCS, rec	12/16/2016	Organic	2-Fluorobiphenyl	n/a	=	66	%	EPA 8270C	-88	-88	51	139	
2016/17-2	Lab	srgt LCS dup	12/16/2016	Organic	2-Fluorobiphenyl	n/a	=	3.85	µg/L	EPA 8270C	-88	-88			
2016/17-2	Lab	srgt LCS dup, rec	12/16/2016	Organic	2-Fluorobiphenyl	n/a	=	77	%	EPA 8270C	-88	-88	51	139	
2016/17-2	ME-CC	srgt environ	12/14/2016	Organic	2-Fluorobiphenyl	n/a	=	18.9	µg/L	EPA 625	-88	-88			
2016/17-2	ME-CC	srgt environ, rec	12/14/2016	Organic	2-Fluorobiphenyl	n/a	=	76	%	EPA 625	-88	-88	22	107	
2016/17-2	ME-CC	srgt environ	12/16/2016	Organic	2-Fluorobiphenyl	n/a	=	3.13	µg/L	EPA 8270C	-88	-88			
2016/17-2	ME-CC	srgt environ, rec	12/16/2016	Organic	2-Fluorobiphenyl	n/a	=	63	%	EPA 8270C	-88	-88	51	139	
2016/17-2	ME-VR2	srgt environ	12/14/2016	Organic	2-Fluorobiphenyl	n/a	=	18.3	µg/L	EPA 625	-88	-88			
2016/17-2	ME-VR2	srgt environ, rec	12/14/2016	Organic	2-Fluorobiphenyl	n/a	=	73	%	EPA 625	-88	-88	22	107	
2016/17-2	ME-VR2	srgt environ	12/16/2016	Organic	2-Fluorobiphenyl	n/a	=	3.42	µg/L	EPA 8270C	-88	-88			
2016/17-2	ME-VR2	srgt environ, rec	12/16/2016	Organic	2-Fluorobiphenyl	n/a	=	68	%	EPA 8270C	-88	-88	51	139	
2016/17-2	MO-CAM	srgt environ	12/10/2016	Organic	2-Fluorobiphenyl	n/a	=	18.6	µg/L	EPA 625	-88	-88			
2016/17-2	MO-CAM	srgt environ, rec	12/10/2016	Organic	2-Fluorobiphenyl	n/a	=	75	%	EPA 625	-88	-88	22	107	
2016/17-2	MO-CAM	srgt environ	12/16/2016	Organic	2-Fluorobiphenyl	n/a	=	3.74	µg/L	EPA 8270C	-88	-88			
2016/17-2	MO-CAM	srgt environ, rec	12/16/2016	Organic	2-Fluorobiphenyl	n/a	=	75	%	EPA 8270C	-88	-88	51	139	
2016/17-2	MO-FIL	srgt environ	12/14/2016	Organic	2-Fluorobiphenyl	n/a	=	20	µg/L	EPA 625	-88	-88			
2016/17-2	MO-FIL	srgt environ, rec	12/14/2016	Organic	2-Fluorobiphenyl	n/a	=	80	%	EPA 625	-88	-88	22	107	
2016/17-2	MO-FIL	srgt environ	12/16/2016	Organic	2-Fluorobiphenyl	n/a	=	3.3	µg/L	EPA 8270C	-88	-88			
2016/17-2	MO-FIL	srgt environ, rec	12/16/2016	Organic	2-Fluorobiphenyl	n/a	=	66	%	EPA 8270C	-88	-88	51	139	
2016/17-2	MO-HUE	srgt environ	12/14/2016	Organic	2-Fluorobiphenyl	n/a	=	16.6	µg/L	EPA 625	-88	-88			
2016/17-2	MO-HUE	srgt environ, rec	12/14/2016	Organic	2-Fluorobiphenyl	n/a	=	66	%	EPA 625	-88	-88	22	107	
2016/17-2	MO-HUE	srgt environ	12/16/2016	Organic	2-Fluorobiphenyl	n/a	=	3.61	µg/L	EPA 8270C	-88	-88			
2016/17-2	MO-HUE	srgt environ, rec	12/16/2016	Organic	2-Fluorobiphenyl	n/a	=	72	%	EPA 8270C	-88	-88	51	139	
2016/17-2	MO-MPK	srgt environ	12/14/2016	Organic	2-Fluorobiphenyl	n/a	=	17.3	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	
2016/17-2	MO-MPK	srgt environ, rec	12/14/2016	Organic	2-Fluorobiphenyl	n/a	=	69	%	EPA 625	-88	-88	22	107	
2016/17-2	MO-MPK	srgt environ	12/16/2016	Organic	2-Fluorobiphenyl	n/a	=	3.83	µg/L	EPA 8270C	-88	-88			
2016/17-2	MO-MPK	srgt environ, rec	12/16/2016	Organic	2-Fluorobiphenyl	n/a	=	77	%	EPA 8270C	-88	-88	51	139	
2016/17-2	MO-OXN	srgt environ	12/14/2016	Organic	2-Fluorobiphenyl	n/a	=	15.4	µg/L	EPA 625	-88	-88			
2016/17-2	MO-OXN	srgt environ, rec	12/14/2016	Organic	2-Fluorobiphenyl	n/a	=	62	%	EPA 625	-88	-88	22	107	
2016/17-2	MO-OXN	srgt environ	12/16/2016	Organic	2-Fluorobiphenyl	n/a	=	3.43	µg/L	EPA 8270C	-88	-88			
2016/17-2	MO-OXN	srgt environ, rec	12/16/2016	Organic	2-Fluorobiphenyl	n/a	=	69	%	EPA 8270C	-88	-88	51	139	
2016/17-2	MO-SIM	srgt environ	12/10/2016	Organic	2-Fluorobiphenyl	n/a	=	19.7	µg/L	EPA 625	-88	-88			
2016/17-2	MO-SIM	srgt environ, rec	12/10/2016	Organic	2-Fluorobiphenyl	n/a	=	79	%	EPA 625	-88	-88	22	107	
2016/17-2	MO-SIM	srgt environ	12/16/2016	Organic	2-Fluorobiphenyl	n/a	=	3.21	µg/L	EPA 8270C	-88	-88			
2016/17-2	MO-SIM	srgt environ, rec	12/16/2016	Organic	2-Fluorobiphenyl	n/a	=	64	%	EPA 8270C	-88	-88	51	139	
2016/17-2	MO-SPA	srgt environ	12/10/2016	Organic	2-Fluorobiphenyl	n/a	=	17	µg/L	EPA 625	-88	-88			
2016/17-2	MO-SPA	srgt environ, rec	12/10/2016	Organic	2-Fluorobiphenyl	n/a	=	68	%	EPA 625	-88	-88	22	107	
2016/17-2	MO-SPA	srgt environ	12/16/2016	Organic	2-Fluorobiphenyl	n/a	=	4.08	µg/L	EPA 8270C	-88	-88			
2016/17-2	MO-SPA	srgt environ, rec	12/16/2016	Organic	2-Fluorobiphenyl	n/a	=	82	%	EPA 8270C	-88	-88	51	139	
2016/17-2	MO-THO	srgt environ	12/14/2016	Organic	2-Fluorobiphenyl	n/a	=	11.4	µg/L	EPA 625	-88	-88			
2016/17-2	MO-THO	srgt environ, rec	12/14/2016	Organic	2-Fluorobiphenyl	n/a	=	45	%	EPA 625	-88	-88	22	107	
2016/17-2	MO-THO	srgt environ	12/16/2016	Organic	2-Fluorobiphenyl	n/a	=	2.97	µg/L	EPA 8270C	-88	-88			
2016/17-2	MO-THO	srgt environ, rec	12/16/2016	Organic	2-Fluorobiphenyl	n/a	=	59	%	EPA 8270C	-88	-88	51	139	
2016/17-2	MO-VEN	srgt environ	12/10/2016	Organic	2-Fluorobiphenyl	n/a	=	17.9	µg/L	EPA 625	-88	-88			
2016/17-2	MO-VEN	srgt environ, rec	12/10/2016	Organic	2-Fluorobiphenyl	n/a	=	72	%	EPA 625	-88	-88	22	107	
2016/17-2	MO-VEN	srgt environ	12/16/2016	Organic	2-Fluorobiphenyl	n/a	=	3.45	µg/L	EPA 8270C	-88	-88			
2016/17-2	MO-VEN	srgt environ, rec	12/16/2016	Organic	2-Fluorobiphenyl	n/a	=	69	%	EPA 8270C	-88	-88	51	139	
2016/17-2	Lab	srgt method blank	12/10/2016	Organic	2-Fluorophenol	n/a	=	28.7	µg/L	EPA 625	-88	-88			
2016/17-2	Lab	srgt method blank, rec	12/10/2016	Organic	2-Fluorophenol	n/a	=	57	%	EPA 625	-88	-88	3	74	
2016/17-2	Lab	srgt LCS	12/10/2016	Organic	2-Fluorophenol	n/a	=	29.8	µg/L	EPA 625	-88	-88			
2016/17-2	Lab	srgt LCS, rec	12/10/2016	Organic	2-Fluorophenol	n/a	=	60	%	EPA 625	-88	-88	3	74	
2016/17-2	Lab	srgt LCS dup	12/10/2016	Organic	2-Fluorophenol	n/a	=	27.2	µg/L	EPA 625	-88	-88			
2016/17-2	Lab	srgt LCS dup, rec	12/10/2016	Organic	2-Fluorophenol	n/a	=	54	%	EPA 625	-88	-88	3	74	
2016/17-2	Lab	srgt method blank	12/14/2016	Organic	2-Fluorophenol	n/a	=	29.6	µg/L	EPA 625	-88	-88			
2016/17-2	Lab	srgt method blank, rec	12/14/2016	Organic	2-Fluorophenol	n/a	=	59	%	EPA 625	-88	-88	3	74	
2016/17-2	Lab	srgt LCS	12/14/2016	Organic	2-Fluorophenol	n/a	=	27.4	µg/L	EPA 625	-88	-88			
2016/17-2	Lab	srgt LCS, rec	12/14/2016	Organic	2-Fluorophenol	n/a	=	55	%	EPA 625	-88	-88	3	74	
2016/17-2	Lab	srgt LCS dup	12/14/2016	Organic	2-Fluorophenol	n/a	=	26.8	µg/L	EPA 625	-88	-88			
2016/17-2	Lab	srgt LCS dup, rec	12/14/2016	Organic	2-Fluorophenol	n/a	=	54	%	EPA 625	-88	-88	3	74	
2016/17-2	Lab	srgt method blank	12/21/2016	Organic	2-Fluorophenol	n/a	=	25.2	µg/L	EPA 8270C	-88	-88			
2016/17-2	Lab	srgt method blank, rec	12/21/2016	Organic	2-Fluorophenol	n/a	=	50	%	EPA 8270C	-88	-88	11	62	
2016/17-2	Lab	srgt LCS	12/21/2016	Organic	2-Fluorophenol	n/a	=	3.44	µg/L	EPA 8270C	-88	-88			
2016/17-2	Lab	srgt LCS, rec	12/21/2016	Organic	2-Fluorophenol	n/a	=	34	%	EPA 8270C	-88	-88	11	62	
2016/17-2	Lab	srgt LCS dup	12/21/2016	Organic	2-Fluorophenol	n/a	=	4.36	µg/L	EPA 8270C	-88	-88			
2016/17-2	Lab	srgt LCS dup, rec	12/21/2016	Organic	2-Fluorophenol	n/a	=	44	%	EPA 8270C	-88	-88	11	62	
2016/17-2	ME-CC	srgt environ	12/14/2016	Organic	2-Fluorophenol	n/a	=	21.6	µg/L	EPA 625	-88	-88			
2016/17-2	ME-CC	srgt environ, rec	12/14/2016	Organic	2-Fluorophenol	n/a	=	43	%	EPA 625	-88	-88	3	74	
2016/17-2	ME-CC	srgt environ	12/21/2016	Organic	2-Fluorophenol	n/a	=	3.58	µg/L	EPA 8270C	-88	-88			
2016/17-2	ME-CC	srgt environ, rec	12/21/2016	Organic	2-Fluorophenol	n/a	=	36	%	EPA 8270C	-88	-88	11	62	
2016/17-2	ME-VR2	srgt environ	12/14/2016	Organic	2-Fluorophenol	n/a	=	24	µg/L	EPA 625	-88	-88			
2016/17-2	ME-VR2	srgt environ, rec	12/14/2016	Organic	2-Fluorophenol	n/a	=	48	%	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	
2016/17-2	ME-VR2	srgt environ	12/21/2016	Organic	2-Fluorophenol	n/a	=	4.32	µg/L	EPA 8270C	-88	-88			
2016/17-2	ME-VR2	srgt environ, rec	12/21/2016	Organic	2-Fluorophenol	n/a	=	43	%	EPA 8270C	-88	-88	11	62	
2016/17-2	MO-CAM	srgt environ	12/10/2016	Organic	2-Fluorophenol	n/a	=	21	µg/L	EPA 625	-88	-88			
2016/17-2	MO-CAM	srgt environ, rec	12/10/2016	Organic	2-Fluorophenol	n/a	=	42	%	EPA 625	-88	-88	3	74	
2016/17-2	MO-CAM	srgt environ	12/21/2016	Organic	2-Fluorophenol	n/a	=	1.65	µg/L	EPA 8270C	-88	-88			
2016/17-2	MO-CAM	srgt environ, rec	12/21/2016	Organic	2-Fluorophenol	n/a	=	16	%	EPA 8270C	-88	-88	11	62	
2016/17-2	MO-FIL	srgt environ	12/14/2016	Organic	2-Fluorophenol	n/a	=	24.5	µg/L	EPA 625	-88	-88			
2016/17-2	MO-FIL	srgt environ, rec	12/14/2016	Organic	2-Fluorophenol	n/a	=	49	%	EPA 625	-88	-88	3	74	
2016/17-2	MO-FIL	srgt environ	12/21/2016	Organic	2-Fluorophenol	n/a	=	2.25	µg/L	EPA 8270C	-88	-88			
2016/17-2	MO-FIL	srgt environ, rec	12/21/2016	Organic	2-Fluorophenol	n/a	=	22	%	EPA 8270C	-88	-88	11	62	
2016/17-2	MO-HUE	srgt environ	12/14/2016	Organic	2-Fluorophenol	n/a	=	20.3	µg/L	EPA 625	-88	-88			
2016/17-2	MO-HUE	srgt environ, rec	12/14/2016	Organic	2-Fluorophenol	n/a	=	41	%	EPA 625	-88	-88	3	74	
2016/17-2	MO-HUE	srgt environ	12/22/2016	Organic	2-Fluorophenol	n/a	=	0.2	µg/L	EPA 8270C	-88	-88			GN
2016/17-2	MO-HUE	srgt environ, rec	12/22/2016	Organic	2-Fluorophenol	n/a	=	2	%	EPA 8270C	-88	-88	11	62	GN
2016/17-2	MO-MPK	srgt environ	12/14/2016	Organic	2-Fluorophenol	n/a	=	18.8	µg/L	EPA 625	-88	-88			
2016/17-2	MO-MPK	srgt environ, rec	12/14/2016	Organic	2-Fluorophenol	n/a	=	38	%	EPA 625	-88	-88	3	74	
2016/17-2	MO-MPK	srgt environ	12/21/2016	Organic	2-Fluorophenol	n/a	<	0	µg/L	EPA 8270C	-88	-88			GN
2016/17-2	MO-MPK	srgt environ, rec	12/21/2016	Organic	2-Fluorophenol	n/a	=	0	%	EPA 8270C	-88	-88	11	62	GN
2016/17-2	MO-OXN	srgt environ	12/14/2016	Organic	2-Fluorophenol	n/a	=	16.1	µg/L	EPA 625	-88	-88			
2016/17-2	MO-OXN	srgt environ, rec	12/14/2016	Organic	2-Fluorophenol	n/a	=	32	%	EPA 625	-88	-88	3	74	
2016/17-2	MO-OXN	srgt environ	12/22/2016	Organic	2-Fluorophenol	n/a	=	2.2	µg/L	EPA 8270C	-88	-88			
2016/17-2	MO-OXN	srgt environ, rec	12/22/2016	Organic	2-Fluorophenol	n/a	=	22	%	EPA 8270C	-88	-88	11	62	
2016/17-2	MO-SIM	srgt environ	12/10/2016	Organic	2-Fluorophenol	n/a	=	22.2	µg/L	EPA 625	-88	-88			
2016/17-2	MO-SIM	srgt environ, rec	12/10/2016	Organic	2-Fluorophenol	n/a	=	44	%	EPA 625	-88	-88	3	74	
2016/17-2	MO-SIM	srgt environ	12/21/2016	Organic	2-Fluorophenol	n/a	=	2	µg/L	EPA 8270C	-88	-88			
2016/17-2	MO-SIM	srgt environ, rec	12/21/2016	Organic	2-Fluorophenol	n/a	=	20	%	EPA 8270C	-88	-88	11	62	
2016/17-2	MO-SPA	srgt environ	12/10/2016	Organic	2-Fluorophenol	n/a	=	19.9	µg/L	EPA 625	-88	-88			
2016/17-2	MO-SPA	srgt environ, rec	12/10/2016	Organic	2-Fluorophenol	n/a	=	40	%	EPA 625	-88	-88	3	74	
2016/17-2	MO-SPA	srgt environ	12/21/2016	Organic	2-Fluorophenol	n/a	=	1.65	µg/L	EPA 8270C	-88	-88			
2016/17-2	MO-SPA	srgt environ, rec	12/21/2016	Organic	2-Fluorophenol	n/a	=	16	%	EPA 8270C	-88	-88	11	62	
2016/17-2	MO-THO	srgt environ	12/14/2016	Organic	2-Fluorophenol	n/a	=	15	µg/L	EPA 625	-88	-88			
2016/17-2	MO-THO	srgt environ, rec	12/14/2016	Organic	2-Fluorophenol	n/a	=	30	%	EPA 625	-88	-88	3	74	
2016/17-2	MO-THO	srgt environ	12/21/2016	Organic	2-Fluorophenol	n/a	=	1.65	µg/L	EPA 8270C	-88	-88			
2016/17-2	MO-THO	srgt environ, rec	12/21/2016	Organic	2-Fluorophenol	n/a	=	16	%	EPA 8270C	-88	-88	11	62	
2016/17-2	MO-VEN	srgt environ	12/10/2016	Organic	2-Fluorophenol	n/a	=	21.2	µg/L	EPA 625	-88	-88			
2016/17-2	MO-VEN	srgt environ, rec	12/10/2016	Organic	2-Fluorophenol	n/a	=	42	%	EPA 625	-88	-88	3	74	
2016/17-2	MO-VEN	srgt environ	12/21/2016	Organic	2-Fluorophenol	n/a	=	1	µg/L	EPA 8270C	-88	-88			GN
2016/17-2	MO-VEN	srgt environ, rec	12/21/2016	Organic	2-Fluorophenol	n/a	=	10	%	EPA 8270C	-88	-88	11	62	GN
2016/17-2	Lab	method blank	12/15/2016	Organic	2-Methylnaphthalene	n/a	<	0.1	µg/L	EPA 8270C	0.1	0.1			
2016/17-2	Lab	method blank	12/21/2016	Organic	2-Methylphenol	n/a	<	0.34	µg/L	EPA 8270C	0.34	1			
2016/17-2	Lab	method blank	12/10/2016	Organic	2-Nitrophenol	n/a	<	0.26	µg/L	EPA 625	0.26	1			
2016/17-2	Lab	LCS	12/10/2016	Organic	2-Nitrophenol	n/a	=	24.4	µg/L	EPA 625	0.26	1			
2016/17-2	Lab	LCS, rec	12/10/2016	Organic	2-Nitrophenol	n/a	=	97	%	EPA 625	-88	-88	29	182	
2016/17-2	Lab	LCS dup	12/10/2016	Organic	2-Nitrophenol	n/a	=	22	µg/L	EPA 625	0.26	1			
2016/17-2	Lab	LCS dup, rec	12/10/2016	Organic	2-Nitrophenol	n/a	=	88	%	EPA 625	-88	-88	29	182	
2016/17-2	Lab	LCS, RPD	12/10/2016	Organic	2-Nitrophenol	n/a	=	10	%	EPA 625	-88	-88	0	30	
2016/17-2	Lab	method blank	12/14/2016	Organic	2-Nitrophenol	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	
2016/17-2	Lab	LCS	12/14/2016	Organic	2-Nitrophenol	n/a	=	20.6	µg/L	EPA 625	0.26	1			
2016/17-2	Lab	LCS, rec	12/14/2016	Organic	2-Nitrophenol	n/a	=	82	%	EPA 625	-88	-88	29	182	
2016/17-2	Lab	LCS dup	12/14/2016	Organic	2-Nitrophenol	n/a	=	19.6	µg/L	EPA 625	0.26	1			
2016/17-2	Lab	LCS dup, rec	12/14/2016	Organic	2-Nitrophenol	n/a	=	78	%	EPA 625	-88	-88	29	182	
2016/17-2	Lab	LCS, RPD	12/14/2016	Organic	2-Nitrophenol	n/a	=	5	%	EPA 625	-88	-88	0	30	
2016/17-2	Lab	method blank	12/21/2016	Organic	2-Nitrophenol	n/a	<	0.71	µg/L	EPA 8270C	0.71	1			
2016/17-2	Lab	LCS	12/21/2016	Organic	2-Nitrophenol	n/a	=	6.35	µg/L	EPA 8270C	0.71	1			
2016/17-2	Lab	LCS, rec	12/21/2016	Organic	2-Nitrophenol	n/a	=	64	%	EPA 8270C	-88	-88	33	103	
2016/17-2	Lab	LCS dup	12/21/2016	Organic	2-Nitrophenol	n/a	=	7.22	µg/L	EPA 8270C	0.71	1			
2016/17-2	Lab	LCS dup, rec	12/21/2016	Organic	2-Nitrophenol	n/a	=	72	%	EPA 8270C	-88	-88	33	103	
2016/17-2	Lab	LCS, RPD	12/21/2016	Organic	2-Nitrophenol	n/a	=	13	%	EPA 8270C	-88	-88	0	30	
2016/17-2	Lab	method blank	12/10/2016	Organic	3,3'-Dichlorobenzidine	n/a	<	1.2	µg/L	EPA 625	1.2	5			
2016/17-2	Lab	LCS	12/10/2016	Organic	3,3'-Dichlorobenzidine	n/a	=	9.48	µg/L	EPA 625	1.2	5			
2016/17-2	Lab	LCS, rec	12/10/2016	Organic	3,3'-Dichlorobenzidine	n/a	=	38	%	EPA 625	-88	-88	0.1	262	
2016/17-2	Lab	LCS dup	12/10/2016	Organic	3,3'-Dichlorobenzidine	n/a	=	12.2	µg/L	EPA 625	1.2	5			
2016/17-2	Lab	LCS dup, rec	12/10/2016	Organic	3,3'-Dichlorobenzidine	n/a	=	49	%	EPA 625	-88	-88	0.1	262	
2016/17-2	Lab	LCS, RPD	12/10/2016	Organic	3,3'-Dichlorobenzidine	n/a	=	25	%	EPA 625	-88	-88	0	30	
2016/17-2	Lab	method blank	12/14/2016	Organic	3,3'-Dichlorobenzidine	n/a	<	1.2	µg/L	EPA 625	1.2	5			
2016/17-2	Lab	LCS	12/14/2016	Organic	3,3'-Dichlorobenzidine	n/a	=	19.3	µg/L	EPA 625	1.2	5			
2016/17-2	Lab	LCS, rec	12/14/2016	Organic	3,3'-Dichlorobenzidine	n/a	=	77	%	EPA 625	-88	-88	0.1	262	
2016/17-2	Lab	LCS dup	12/14/2016	Organic	3,3'-Dichlorobenzidine	n/a	=	19.2	µg/L	EPA 625	1.2	5			
2016/17-2	Lab	LCS dup, rec	12/14/2016	Organic	3,3'-Dichlorobenzidine	n/a	=	77	%	EPA 625	-88	-88	0.1	262	
2016/17-2	Lab	LCS, RPD	12/14/2016	Organic	3,3'-Dichlorobenzidine	n/a	=	0.7	%	EPA 625	-88	-88	0	30	
2016/17-2	Lab	method blank	12/21/2016	Organic	3-/4-Methylphenol	n/a	<	0.3	µg/L	EPA 8270C	0.3	1			
2016/17-2	Lab	method blank	12/10/2016	Organic	4,6-Dinitro-2-methylphenol	n/a	<	1.7	µg/L	EPA 625	1.7	5			
2016/17-2	Lab	LCS	12/10/2016	Organic	4,6-Dinitro-2-methylphenol	n/a	=	18.2	µg/L	EPA 625	1.7	5			
2016/17-2	Lab	LCS, rec	12/10/2016	Organic	4,6-Dinitro-2-methylphenol	n/a	=	73	%	EPA 625	-88	-88	0.1	181	
2016/17-2	Lab	LCS dup	12/10/2016	Organic	4,6-Dinitro-2-methylphenol	n/a	=	16.8	µg/L	EPA 625	1.7	5			
2016/17-2	Lab	LCS dup, rec	12/10/2016	Organic	4,6-Dinitro-2-methylphenol	n/a	=	67	%	EPA 625	-88	-88	0.1	181	
2016/17-2	Lab	LCS, RPD	12/10/2016	Organic	4,6-Dinitro-2-methylphenol	n/a	=	8	%	EPA 625	-88	-88	0	30	
2016/17-2	Lab	method blank	12/14/2016	Organic	4,6-Dinitro-2-methylphenol	n/a	<	1.7	µg/L	EPA 625	1.7	5			
2016/17-2	Lab	LCS	12/14/2016	Organic	4,6-Dinitro-2-methylphenol	n/a	=	20.2	µg/L	EPA 625	1.7	5			
2016/17-2	Lab	LCS, rec	12/14/2016	Organic	4,6-Dinitro-2-methylphenol	n/a	=	81	%	EPA 625	-88	-88	0.1	181	
2016/17-2	Lab	LCS dup	12/14/2016	Organic	4,6-Dinitro-2-methylphenol	n/a	=	19.6	µg/L	EPA 625	1.7	5			
2016/17-2	Lab	LCS dup, rec	12/14/2016	Organic	4,6-Dinitro-2-methylphenol	n/a	=	78	%	EPA 625	-88	-88	0.1	181	
2016/17-2	Lab	LCS, RPD	12/14/2016	Organic	4,6-Dinitro-2-methylphenol	n/a	=	3	%	EPA 625	-88	-88	0	30	
2016/17-2	Lab	method blank	12/21/2016	Organic	4,6-Dinitro-2-methylphenol	n/a	<	0.14	µg/L	EPA 8270C	0.14	1			
2016/17-2	Lab	LCS	12/21/2016	Organic	4,6-Dinitro-2-methylphenol	n/a	=	8.63	µg/L	EPA 8270C	0.14	1			
2016/17-2	Lab	LCS, rec	12/21/2016	Organic	4,6-Dinitro-2-methylphenol	n/a	=	86	%	EPA 8270C	-88	-88	33	118	
2016/17-2	Lab	LCS dup	12/21/2016	Organic	4,6-Dinitro-2-methylphenol	n/a	=	8.22	µg/L	EPA 8270C	0.14	1			
2016/17-2	Lab	LCS dup, rec	12/21/2016	Organic	4,6-Dinitro-2-methylphenol	n/a	=	82	%	EPA 8270C	-88	-88	33	118	
2016/17-2	Lab	LCS, RPD	12/21/2016	Organic	4,6-Dinitro-2-methylphenol	n/a	=	5	%	EPA 8270C	-88	-88	0	30	
2016/17-2	Lab	srgt LCS	11/22/2016	Organic	4-Bromofluorobenzene	n/a	=	49.4	µg/L	EPA 624	-88	-88			
2016/17-2	Lab	srgt LCS, rec	11/22/2016	Organic	4-Bromofluorobenzene	n/a	=	99	%	EPA 624	-88	-88	88	108	
2016/17-2	Lab	srgt LCS dup	11/22/2016	Organic	4-Bromofluorobenzene	n/a	=	49	µg/L	EPA 624	-88	-88			
2016/17-2	Lab	srgt LCS dup, rec	11/22/2016	Organic	4-Bromofluorobenzene	n/a	=	98	%	EPA 624	-88	-88	88	108	
2016/17-2	Lab	srgt method blank	11/23/2016	Organic	4-Bromofluorobenzene	n/a	=	47.3	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	
2016/17-2	Lab	srgt method blank, rec	11/23/2016	Organic	4-Bromofluorobenzene	n/a	=	95	%	EPA 624	-88	-88	88	108	
2016/17-2	Lab	srgt LCS	11/24/2016	Organic	4-Bromofluorobenzene	n/a	=	52	µg/L	EPA 624	-88	-88			
2016/17-2	Lab	srgt LCS, rec	11/24/2016	Organic	4-Bromofluorobenzene	n/a	=	104	%	EPA 624	-88	-88	88	108	
2016/17-2	Lab	srgt LCS dup	11/24/2016	Organic	4-Bromofluorobenzene	n/a	=	50.8	µg/L	EPA 624	-88	-88			
2016/17-2	Lab	srgt LCS dup, rec	11/24/2016	Organic	4-Bromofluorobenzene	n/a	=	102	%	EPA 624	-88	-88	88	108	
2016/17-2	Lab	srgt method blank	11/24/2016	Organic	4-Bromofluorobenzene	n/a	=	47.6	µg/L	EPA 624	-88	-88			
2016/17-2	Lab	srgt method blank, rec	11/24/2016	Organic	4-Bromofluorobenzene	n/a	=	95	%	EPA 624	-88	-88	88	108	
2016/17-2	Lab	srgt LCS dup	11/27/2016	Organic	4-Bromofluorobenzene	n/a	=	50	µg/L	EPA 624	-88	-88			
2016/17-2	Lab	srgt LCS dup, rec	11/27/2016	Organic	4-Bromofluorobenzene	n/a	=	100	%	EPA 624	-88	-88	88	108	
2016/17-2	Lab	srgt LCS	11/27/2016	Organic	4-Bromofluorobenzene	n/a	=	52.5	µg/L	EPA 624	-88	-88			
2016/17-2	Lab	srgt LCS, rec	11/27/2016	Organic	4-Bromofluorobenzene	n/a	=	105	%	EPA 624	-88	-88	88	108	
2016/17-2	Lab	srgt method blank	11/27/2016	Organic	4-Bromofluorobenzene	n/a	=	49.2	µg/L	EPA 624	-88	-88			
2016/17-2	Lab	srgt method blank, rec	11/27/2016	Organic	4-Bromofluorobenzene	n/a	=	98	%	EPA 624	-88	-88	88	108	
2016/17-2	Lab	srgt LCS	11/30/2016	Organic	4-Bromofluorobenzene	n/a	=	51	µg/L	EPA 8015B	-88	-88			
2016/17-2	Lab	srgt LCS, rec	11/30/2016	Organic	4-Bromofluorobenzene	n/a	=	102	%	EPA 8015B	-88	-88	72	124	
2016/17-2	Lab	srgt LCS dup	11/30/2016	Organic	4-Bromofluorobenzene	n/a	=	53	µg/L	EPA 8015B	-88	-88			
2016/17-2	Lab	srgt LCS dup, rec	11/30/2016	Organic	4-Bromofluorobenzene	n/a	=	106	%	EPA 8015B	-88	-88	72	124	
2016/17-2	Lab	srgt method blank	11/30/2016	Organic	4-Bromofluorobenzene	n/a	=	55	µg/L	EPA 8015B	-88	-88			
2016/17-2	Lab	srgt method blank, rec	11/30/2016	Organic	4-Bromofluorobenzene	n/a	=	110	%	EPA 8015B	-88	-88	72	124	
2016/17-2	Lab	srgt LCS	12/1/2016	Organic	4-Bromofluorobenzene	n/a	=	50	µg/L	EPA 8015B	-88	-88			
2016/17-2	Lab	srgt LCS, rec	12/1/2016	Organic	4-Bromofluorobenzene	n/a	=	100	%	EPA 8015B	-88	-88	72	124	
2016/17-2	Lab	srgt LCS dup	12/1/2016	Organic	4-Bromofluorobenzene	n/a	=	51	µg/L	EPA 8015B	-88	-88			
2016/17-2	Lab	srgt LCS dup, rec	12/1/2016	Organic	4-Bromofluorobenzene	n/a	=	102	%	EPA 8015B	-88	-88	72	124	
2016/17-2	Lab	srgt method blank	12/1/2016	Organic	4-Bromofluorobenzene	n/a	=	52	µg/L	EPA 8015B	-88	-88			
2016/17-2	Lab	srgt method blank, rec	12/1/2016	Organic	4-Bromofluorobenzene	n/a	=	104	%	EPA 8015B	-88	-88	72	124	
2016/17-2	ME-CC	srgt environ	11/23/2016	Organic	4-Bromofluorobenzene	n/a	=	48.4	µg/L	EPA 624	-88	-88			
2016/17-2	ME-CC	srgt environ, rec	11/23/2016	Organic	4-Bromofluorobenzene	n/a	=	97	%	EPA 624	-88	-88	88	108	
2016/17-2	ME-CC	srgt environ	11/30/2016	Organic	4-Bromofluorobenzene	n/a	=	49	µg/L	EPA 8015B	-88	-88			
2016/17-2	ME-CC	srgt environ, rec	11/30/2016	Organic	4-Bromofluorobenzene	n/a	=	98	%	EPA 8015B	-88	-88	72	124	
2016/17-2	ME-VR2	srgt environ	11/23/2016	Organic	4-Bromofluorobenzene	n/a	=	47.6	µg/L	EPA 624	-88	-88			
2016/17-2	ME-VR2	srgt environ, rec	11/23/2016	Organic	4-Bromofluorobenzene	n/a	=	95	%	EPA 624	-88	-88	88	108	
2016/17-2	ME-VR2	srgt environ	11/30/2016	Organic	4-Bromofluorobenzene	n/a	=	50	µg/L	EPA 8015B	-88	-88			
2016/17-2	ME-VR2	srgt environ, rec	11/30/2016	Organic	4-Bromofluorobenzene	n/a	=	100	%	EPA 8015B	-88	-88	72	124	
2016/17-2	MO-CAM	srgt environ	11/24/2016	Organic	4-Bromofluorobenzene	n/a	=	47.1	µg/L	EPA 624	-88	-88			
2016/17-2	MO-CAM	srgt environ, rec	11/24/2016	Organic	4-Bromofluorobenzene	n/a	=	94	%	EPA 624	-88	-88	88	108	
2016/17-2	MO-CAM	srgt environ	11/30/2016	Organic	4-Bromofluorobenzene	n/a	=	50	µg/L	EPA 8015B	-88	-88			
2016/17-2	MO-CAM	srgt environ, rec	11/30/2016	Organic	4-Bromofluorobenzene	n/a	=	100	%	EPA 8015B	-88	-88	72	124	
2016/17-2	MO-FIL	srgt environ	11/24/2016	Organic	4-Bromofluorobenzene	n/a	=	50.3	µg/L	EPA 624	-88	-88			
2016/17-2	MO-FIL	srgt environ, rec	11/24/2016	Organic	4-Bromofluorobenzene	n/a	=	101	%	EPA 624	-88	-88	88	108	
2016/17-2	MO-FIL	srgt environ	12/1/2016	Organic	4-Bromofluorobenzene	n/a	=	53	µg/L	EPA 8015B	-88	-88			
2016/17-2	MO-FIL	srgt environ, rec	12/1/2016	Organic	4-Bromofluorobenzene	n/a	=	106	%	EPA 8015B	-88	-88	72	124	
2016/17-2	MO-HUE	srgt environ	11/24/2016	Organic	4-Bromofluorobenzene	n/a	=	46.5	µg/L	EPA 624	-88	-88			
2016/17-2	MO-HUE	srgt environ, rec	11/24/2016	Organic	4-Bromofluorobenzene	n/a	=	93	%	EPA 624	-88	-88	88	108	
2016/17-2	MO-HUE	srgt environ	12/1/2016	Organic	4-Bromofluorobenzene	n/a	=	47	µg/L	EPA 8015B	-88	-88			
2016/17-2	MO-HUE	srgt environ, rec	12/1/2016	Organic	4-Bromofluorobenzene	n/a	=	94	%	EPA 8015B	-88	-88	72	124	
2016/17-2	MO-MEI	srgt environ	11/24/2016	Organic	4-Bromofluorobenzene	n/a	=	48.9	µg/L	EPA 624	-88	-88			
2016/17-2	MO-MEI	srgt environ, rec	11/24/2016	Organic	4-Bromofluorobenzene	n/a	=	98	%	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	
2016/17-2	MO-MEI	srgt environ	11/30/2016	Organic	4-Bromofluorobenzene	n/a	=	53	µg/L	EPA 8015B	-88	-88			
2016/17-2	MO-MEI	srgt environ, rec	11/30/2016	Organic	4-Bromofluorobenzene	n/a	=	106	%	EPA 8015B	-88	-88	72	124	
2016/17-2	MO-MPK	srgt environ	11/27/2016	Organic	4-Bromofluorobenzene	n/a	=	48.8	µg/L	EPA 624	-88	-88			
2016/17-2	MO-MPK	srgt environ, rec	11/27/2016	Organic	4-Bromofluorobenzene	n/a	=	98	%	EPA 624	-88	-88	88	108	
2016/17-2	MO-MPK	srgt environ	12/1/2016	Organic	4-Bromofluorobenzene	n/a	=	49	µg/L	EPA 8015B	-88	-88			
2016/17-2	MO-MPK	srgt environ, rec	12/1/2016	Organic	4-Bromofluorobenzene	n/a	=	98	%	EPA 8015B	-88	-88	72	124	
2016/17-2	MO-OJA	srgt environ	11/24/2016	Organic	4-Bromofluorobenzene	n/a	=	49.6	µg/L	EPA 624	-88	-88			
2016/17-2	MO-OJA	srgt environ, rec	11/24/2016	Organic	4-Bromofluorobenzene	n/a	=	99	%	EPA 624	-88	-88	88	108	
2016/17-2	MO-OJA	srgt environ	11/30/2016	Organic	4-Bromofluorobenzene	n/a	=	52	µg/L	EPA 8015B	-88	-88			
2016/17-2	MO-OJA	srgt environ, rec	11/30/2016	Organic	4-Bromofluorobenzene	n/a	=	104	%	EPA 8015B	-88	-88	72	124	
2016/17-2	MO-OXN	srgt environ	11/24/2016	Organic	4-Bromofluorobenzene	n/a	=	47	µg/L	EPA 624	-88	-88			
2016/17-2	MO-OXN	srgt environ, rec	11/24/2016	Organic	4-Bromofluorobenzene	n/a	=	94	%	EPA 624	-88	-88	88	108	
2016/17-2	MO-OXN	srgt environ	12/1/2016	Organic	4-Bromofluorobenzene	n/a	=	55	µg/L	EPA 8015B	-88	-88			
2016/17-2	MO-OXN	srgt environ, rec	12/1/2016	Organic	4-Bromofluorobenzene	n/a	=	110	%	EPA 8015B	-88	-88	72	124	
2016/17-2	MO-SIM	srgt environ	11/24/2016	Organic	4-Bromofluorobenzene	n/a	=	49.9	µg/L	EPA 624	-88	-88			
2016/17-2	MO-SIM	srgt environ, rec	11/24/2016	Organic	4-Bromofluorobenzene	n/a	=	100	%	EPA 624	-88	-88	88	108	
2016/17-2	MO-SIM	srgt environ	12/1/2016	Organic	4-Bromofluorobenzene	n/a	=	49	µg/L	EPA 8015B	-88	-88			
2016/17-2	MO-SIM	srgt environ, rec	12/1/2016	Organic	4-Bromofluorobenzene	n/a	=	98	%	EPA 8015B	-88	-88	72	124	
2016/17-2	MO-SPA	srgt environ	11/24/2016	Organic	4-Bromofluorobenzene	n/a	=	46.6	µg/L	EPA 624	-88	-88			
2016/17-2	MO-SPA	srgt environ, rec	11/24/2016	Organic	4-Bromofluorobenzene	n/a	=	93	%	EPA 624	-88	-88	88	108	
2016/17-2	MO-SPA	srgt environ	12/1/2016	Organic	4-Bromofluorobenzene	n/a	=	54	µg/L	EPA 8015B	-88	-88			
2016/17-2	MO-SPA	srgt environ, rec	12/1/2016	Organic	4-Bromofluorobenzene	n/a	=	108	%	EPA 8015B	-88	-88	72	124	
2016/17-2	MO-THO	srgt environ	11/24/2016	Organic	4-Bromofluorobenzene	n/a	=	48.8	µg/L	EPA 624	-88	-88			
2016/17-2	MO-THO	srgt environ, rec	11/24/2016	Organic	4-Bromofluorobenzene	n/a	=	98	%	EPA 624	-88	-88	88	108	
2016/17-2	MO-THO	srgt environ	12/1/2016	Organic	4-Bromofluorobenzene	n/a	=	49	µg/L	EPA 8015B	-88	-88			
2016/17-2	MO-THO	srgt environ, rec	12/1/2016	Organic	4-Bromofluorobenzene	n/a	=	98	%	EPA 8015B	-88	-88	72	124	
2016/17-2	MO-VEN	srgt environ	11/24/2016	Organic	4-Bromofluorobenzene	n/a	=	47.8	µg/L	EPA 624	-88	-88			
2016/17-2	MO-VEN	srgt environ, rec	11/24/2016	Organic	4-Bromofluorobenzene	n/a	=	96	%	EPA 624	-88	-88	88	108	
2016/17-2	MO-VEN	srgt environ	12/1/2016	Organic	4-Bromofluorobenzene	n/a	=	44	µg/L	EPA 8015B	-88	-88			
2016/17-2	MO-VEN	srgt environ, rec	12/1/2016	Organic	4-Bromofluorobenzene	n/a	=	88	%	EPA 8015B	-88	-88	72	124	
2016/17-2	Lab	method blank	12/10/2016	Organic	4-Bromophenyl phenyl ether	n/a	<	0.36	µg/L	EPA 625	0.36	1			
2016/17-2	Lab	LCS	12/10/2016	Organic	4-Bromophenyl phenyl ether	n/a	=	20.9	µg/L	EPA 625	0.36	1			
2016/17-2	Lab	LCS, rec	12/10/2016	Organic	4-Bromophenyl phenyl ether	n/a	=	84	%	EPA 625	-88	-88	53	127	
2016/17-2	Lab	LCS dup	12/10/2016	Organic	4-Bromophenyl phenyl ether	n/a	=	19.6	µg/L	EPA 625	0.36	1			
2016/17-2	Lab	LCS dup, rec	12/10/2016	Organic	4-Bromophenyl phenyl ether	n/a	=	79	%	EPA 625	-88	-88	53	127	
2016/17-2	Lab	LCS, RPD	12/10/2016	Organic	4-Bromophenyl phenyl ether	n/a	=	6	%	EPA 625	-88	-88	0	30	
2016/17-2	Lab	method blank	12/14/2016	Organic	4-Bromophenyl phenyl ether	n/a	<	0.36	µg/L	EPA 625	0.36	1			
2016/17-2	Lab	LCS	12/14/2016	Organic	4-Bromophenyl phenyl ether	n/a	=	19.2	µg/L	EPA 625	0.36	1			
2016/17-2	Lab	LCS, rec	12/14/2016	Organic	4-Bromophenyl phenyl ether	n/a	=	77	%	EPA 625	-88	-88	53	127	
2016/17-2	Lab	LCS dup	12/14/2016	Organic	4-Bromophenyl phenyl ether	n/a	=	18.1	µg/L	EPA 625	0.36	1			
2016/17-2	Lab	LCS dup, rec	12/14/2016	Organic	4-Bromophenyl phenyl ether	n/a	=	73	%	EPA 625	-88	-88	53	127	
2016/17-2	Lab	LCS, RPD	12/14/2016	Organic	4-Bromophenyl phenyl ether	n/a	=	6	%	EPA 625	-88	-88	0	30	
2016/17-2	Lab	method blank	12/10/2016	Organic	4-Chloro-3-methylphenol	n/a	<	0.23	µg/L	EPA 625	0.23	1			
2016/17-2	Lab	LCS	12/10/2016	Organic	4-Chloro-3-methylphenol	n/a	=	28.2	µg/L	EPA 625	0.23	1			
2016/17-2	Lab	LCS, rec	12/10/2016	Organic	4-Chloro-3-methylphenol	n/a	=	113	%	EPA 625	-88	-88	22	147	
2016/17-2	Lab	LCS dup	12/10/2016	Organic	4-Chloro-3-methylphenol	n/a	=	25.3	µg/L	EPA 625	0.23	1			
2016/17-2	Lab	LCS dup, rec	12/10/2016	Organic	4-Chloro-3-methylphenol	n/a	=	101	%	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	
2016/17-2	Lab	LCS, RPD	12/10/2016	Organic	4-Chloro-3-methylphenol	n/a	=	11	%	EPA 625	-88	-88	0	30	
2016/17-2	Lab	method blank	12/14/2016	Organic	4-Chloro-3-methylphenol	n/a	<	0.23	µg/L	EPA 625	0.23	1			
2016/17-2	Lab	LCS	12/14/2016	Organic	4-Chloro-3-methylphenol	n/a	=	24.1	µg/L	EPA 625	0.23	1			
2016/17-2	Lab	LCS, rec	12/14/2016	Organic	4-Chloro-3-methylphenol	n/a	=	96	%	EPA 625	-88	-88	22	147	
2016/17-2	Lab	LCS dup	12/14/2016	Organic	4-Chloro-3-methylphenol	n/a	=	22.3	µg/L	EPA 625	0.23	1			
2016/17-2	Lab	LCS dup, rec	12/14/2016	Organic	4-Chloro-3-methylphenol	n/a	=	89	%	EPA 625	-88	-88	22	147	
2016/17-2	Lab	LCS, RPD	12/14/2016	Organic	4-Chloro-3-methylphenol	n/a	=	8	%	EPA 625	-88	-88	0	30	
2016/17-2	Lab	method blank	12/21/2016	Organic	4-Chloro-3-methylphenol	n/a	<	0.37	µg/L	EPA 8270C	0.37	1			
2016/17-2	Lab	LCS	12/21/2016	Organic	4-Chloro-3-methylphenol	n/a	=	7.38	µg/L	EPA 8270C	0.37	1			
2016/17-2	Lab	LCS, rec	12/21/2016	Organic	4-Chloro-3-methylphenol	n/a	=	74	%	EPA 8270C	-88	-88	29	108	
2016/17-2	Lab	LCS dup	12/21/2016	Organic	4-Chloro-3-methylphenol	n/a	=	8.1	µg/L	EPA 8270C	0.37	1			
2016/17-2	Lab	LCS dup, rec	12/21/2016	Organic	4-Chloro-3-methylphenol	n/a	=	81	%	EPA 8270C	-88	-88	29	108	
2016/17-2	Lab	LCS, RPD	12/21/2016	Organic	4-Chloro-3-methylphenol	n/a	=	9	%	EPA 8270C	-88	-88	0	30	
2016/17-2	Lab	method blank	12/10/2016	Organic	4-Chlorophenyl phenyl ether	n/a	<	0.41	µg/L	EPA 625	0.41	1			
2016/17-2	Lab	LCS	12/10/2016	Organic	4-Chlorophenyl phenyl ether	n/a	=	24.5	µg/L	EPA 625	0.41	1			
2016/17-2	Lab	LCS, rec	12/10/2016	Organic	4-Chlorophenyl phenyl ether	n/a	=	98	%	EPA 625	-88	-88	25	158	
2016/17-2	Lab	LCS dup	12/10/2016	Organic	4-Chlorophenyl phenyl ether	n/a	=	23.3	µg/L	EPA 625	0.41	1			
2016/17-2	Lab	LCS dup, rec	12/10/2016	Organic	4-Chlorophenyl phenyl ether	n/a	=	93	%	EPA 625	-88	-88	25	158	
2016/17-2	Lab	LCS, RPD	12/10/2016	Organic	4-Chlorophenyl phenyl ether	n/a	=	5	%	EPA 625	-88	-88	0	30	
2016/17-2	Lab	method blank	12/14/2016	Organic	4-Chlorophenyl phenyl ether	n/a	<	0.41	µg/L	EPA 625	0.41	1			
2016/17-2	Lab	LCS	12/14/2016	Organic	4-Chlorophenyl phenyl ether	n/a	=	22.5	µg/L	EPA 625	0.41	1			
2016/17-2	Lab	LCS, rec	12/14/2016	Organic	4-Chlorophenyl phenyl ether	n/a	=	90	%	EPA 625	-88	-88	25	158	
2016/17-2	Lab	LCS dup	12/14/2016	Organic	4-Chlorophenyl phenyl ether	n/a	=	20.7	µg/L	EPA 625	0.41	1			
2016/17-2	Lab	LCS dup, rec	12/14/2016	Organic	4-Chlorophenyl phenyl ether	n/a	=	83	%	EPA 625	-88	-88	25	158	
2016/17-2	Lab	LCS, RPD	12/14/2016	Organic	4-Chlorophenyl phenyl ether	n/a	=	8	%	EPA 625	-88	-88	0	30	
2016/17-2	Lab	method blank	12/10/2016	Organic	4-Nitrophenol	n/a	<	0.45	µg/L	EPA 625	0.45	5			
2016/17-2	Lab	LCS	12/10/2016	Organic	4-Nitrophenol	n/a	=	9.49	µg/L	EPA 625	0.45	5			
2016/17-2	Lab	LCS, rec	12/10/2016	Organic	4-Nitrophenol	n/a	=	38	%	EPA 625	-88	-88	0.1	132	
2016/17-2	Lab	LCS dup	12/10/2016	Organic	4-Nitrophenol	n/a	=	9.51	µg/L	EPA 625	0.45	5			
2016/17-2	Lab	LCS dup, rec	12/10/2016	Organic	4-Nitrophenol	n/a	=	38	%	EPA 625	-88	-88	0.1	132	
2016/17-2	Lab	LCS, RPD	12/10/2016	Organic	4-Nitrophenol	n/a	=	0.2	%	EPA 625	-88	-88	0	30	
2016/17-2	Lab	method blank	12/14/2016	Organic	4-Nitrophenol	n/a	<	0.45	µg/L	EPA 625	0.45	5			
2016/17-2	Lab	LCS	12/14/2016	Organic	4-Nitrophenol	n/a	=	10.1	µg/L	EPA 625	0.45	5			
2016/17-2	Lab	LCS, rec	12/14/2016	Organic	4-Nitrophenol	n/a	=	41	%	EPA 625	-88	-88	0.1	132	
2016/17-2	Lab	LCS dup	12/14/2016	Organic	4-Nitrophenol	n/a	=	9.65	µg/L	EPA 625	0.45	5			
2016/17-2	Lab	LCS dup, rec	12/14/2016	Organic	4-Nitrophenol	n/a	=	39	%	EPA 625	-88	-88	0.1	132	
2016/17-2	Lab	LCS, RPD	12/14/2016	Organic	4-Nitrophenol	n/a	=	5	%	EPA 625	-88	-88	0	30	
2016/17-2	Lab	method blank	12/21/2016	Organic	4-Nitrophenol	n/a	<	1	µg/L	EPA 8270C	1	2			
2016/17-2	Lab	LCS	12/21/2016	Organic	4-Nitrophenol	n/a	=	3.64	µg/L	EPA 8270C	1	2			
2016/17-2	Lab	LCS, rec	12/21/2016	Organic	4-Nitrophenol	n/a	=	36	%	EPA 8270C	-88	-88	6	46	
2016/17-2	Lab	LCS dup	12/21/2016	Organic	4-Nitrophenol	n/a	=	3.55	µg/L	EPA 8270C	1	2			
2016/17-2	Lab	LCS dup, rec	12/21/2016	Organic	4-Nitrophenol	n/a	=	36	%	EPA 8270C	-88	-88	6	46	
2016/17-2	Lab	LCS, RPD	12/21/2016	Organic	4-Nitrophenol	n/a	=	3	%	EPA 8270C	-88	-88	0	30	
2016/17-2	Lab	method blank	12/10/2016	Organic	Acenaphthene	n/a	<	0.38	µg/L	EPA 625	0.38	1			
2016/17-2	Lab	LCS	12/10/2016	Organic	Acenaphthene	n/a	=	25.3	µg/L	EPA 625	0.38	1			
2016/17-2	Lab	LCS, rec	12/10/2016	Organic	Acenaphthene	n/a	=	101	%	EPA 625	-88	-88	47	145	
2016/17-2	Lab	LCS dup	12/10/2016	Organic	Acenaphthene	n/a	=	23.6	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	
2016/17-2	Lab	LCS dup, rec	12/10/2016	Organic	Acenaphthene	n/a	=	94	%	EPA 625	-88	-88	47	145	
2016/17-2	Lab	LCS, RPD	12/10/2016	Organic	Acenaphthene	n/a	=	7	%	EPA 625	-88	-88	0	30	
2016/17-2	Lab	method blank	12/14/2016	Organic	Acenaphthene	n/a	<	0.38	µg/L	EPA 625	0.38	1			
2016/17-2	Lab	LCS	12/14/2016	Organic	Acenaphthene	n/a	=	22.8	µg/L	EPA 625	0.38	1			
2016/17-2	Lab	LCS, rec	12/14/2016	Organic	Acenaphthene	n/a	=	91	%	EPA 625	-88	-88	47	145	
2016/17-2	Lab	LCS dup	12/14/2016	Organic	Acenaphthene	n/a	=	20.2	µg/L	EPA 625	0.38	1			
2016/17-2	Lab	LCS dup, rec	12/14/2016	Organic	Acenaphthene	n/a	=	81	%	EPA 625	-88	-88	47	145	
2016/17-2	Lab	LCS, RPD	12/14/2016	Organic	Acenaphthene	n/a	=	12	%	EPA 625	-88	-88	0	30	
2016/17-2	Lab	method blank	12/15/2016	Organic	Acenaphthene	n/a	<	0.1	µg/L	EPA 8270C	0.1	0.1			
2016/17-2	Lab	LCS	12/16/2016	Organic	Acenaphthene	n/a	=	7.83	µg/L	EPA 8270C	0.1	0.1			
2016/17-2	Lab	LCS, rec	12/16/2016	Organic	Acenaphthene	n/a	=	78	%	EPA 8270C	-88	-88	11	122	
2016/17-2	Lab	LCS dup	12/16/2016	Organic	Acenaphthene	n/a	=	8.46	µg/L	EPA 8270C	0.1	0.1			
2016/17-2	Lab	LCS dup, rec	12/16/2016	Organic	Acenaphthene	n/a	=	85	%	EPA 8270C	-88	-88	11	122	
2016/17-2	Lab	LCS, RPD	12/16/2016	Organic	Acenaphthene	n/a	=	8	%	EPA 8270C	-88	-88	0	30	
2016/17-2	Lab	method blank	12/10/2016	Organic	Acenaphthylene	n/a	<	0.4	µg/L	EPA 625	0.4	1			
2016/17-2	Lab	LCS	12/10/2016	Organic	Acenaphthylene	n/a	=	28.9	µg/L	EPA 625	0.4	1			
2016/17-2	Lab	LCS, rec	12/10/2016	Organic	Acenaphthylene	n/a	=	116	%	EPA 625	-88	-88	33	145	
2016/17-2	Lab	LCS dup	12/10/2016	Organic	Acenaphthylene	n/a	=	26	µg/L	EPA 625	0.4	1			
2016/17-2	Lab	LCS dup, rec	12/10/2016	Organic	Acenaphthylene	n/a	=	104	%	EPA 625	-88	-88	33	145	
2016/17-2	Lab	LCS, RPD	12/10/2016	Organic	Acenaphthylene	n/a	=	11	%	EPA 625	-88	-88	0	30	
2016/17-2	Lab	method blank	12/14/2016	Organic	Acenaphthylene	n/a	<	0.4	µg/L	EPA 625	0.4	1			
2016/17-2	Lab	LCS	12/14/2016	Organic	Acenaphthylene	n/a	=	23.6	µg/L	EPA 625	0.4	1			
2016/17-2	Lab	LCS, rec	12/14/2016	Organic	Acenaphthylene	n/a	=	94	%	EPA 625	-88	-88	33	145	
2016/17-2	Lab	LCS dup	12/14/2016	Organic	Acenaphthylene	n/a	=	21.1	µg/L	EPA 625	0.4	1			
2016/17-2	Lab	LCS dup, rec	12/14/2016	Organic	Acenaphthylene	n/a	=	84	%	EPA 625	-88	-88	33	145	
2016/17-2	Lab	LCS, RPD	12/14/2016	Organic	Acenaphthylene	n/a	=	11	%	EPA 625	-88	-88	0	30	
2016/17-2	Lab	method blank	12/15/2016	Organic	Acenaphthylene	n/a	<	0.1	µg/L	EPA 8270C	0.1	0.1			
2016/17-2	Lab	LCS	12/16/2016	Organic	Acenaphthylene	n/a	=	7.81	µg/L	EPA 8270C	0.1	0.1			
2016/17-2	Lab	LCS, rec	12/16/2016	Organic	Acenaphthylene	n/a	=	78	%	EPA 8270C	-88	-88	4	135	
2016/17-2	Lab	LCS dup	12/16/2016	Organic	Acenaphthylene	n/a	=	9	µg/L	EPA 8270C	0.1	0.1			
2016/17-2	Lab	LCS dup, rec	12/16/2016	Organic	Acenaphthylene	n/a	=	90	%	EPA 8270C	-88	-88	4	135	
2016/17-2	Lab	LCS, RPD	12/16/2016	Organic	Acenaphthylene	n/a	=	14	%	EPA 8270C	-88	-88	0	30	
2016/17-2	Lab	method blank	12/10/2016	Organic	Anthracene	n/a	<	0.34	µg/L	EPA 625	0.34	1			
2016/17-2	Lab	LCS	12/10/2016	Organic	Anthracene	n/a	=	24.9	µg/L	EPA 625	0.34	1			
2016/17-2	Lab	LCS, rec	12/10/2016	Organic	Anthracene	n/a	=	99	%	EPA 625	-88	-88	27	133	
2016/17-2	Lab	LCS dup	12/10/2016	Organic	Anthracene	n/a	=	23.9	µg/L	EPA 625	0.34	1			
2016/17-2	Lab	LCS dup, rec	12/10/2016	Organic	Anthracene	n/a	=	96	%	EPA 625	-88	-88	27	133	
2016/17-2	Lab	LCS, RPD	12/10/2016	Organic	Anthracene	n/a	=	4	%	EPA 625	-88	-88	0	30	
2016/17-2	Lab	method blank	12/14/2016	Organic	Anthracene	n/a	<	0.34	µg/L	EPA 625	0.34	1			
2016/17-2	Lab	LCS	12/14/2016	Organic	Anthracene	n/a	=	22.7	µg/L	EPA 625	0.34	1			
2016/17-2	Lab	LCS, rec	12/14/2016	Organic	Anthracene	n/a	=	91	%	EPA 625	-88	-88	27	133	
2016/17-2	Lab	LCS dup	12/14/2016	Organic	Anthracene	n/a	=	22.3	µg/L	EPA 625	0.34	1			
2016/17-2	Lab	LCS dup, rec	12/14/2016	Organic	Anthracene	n/a	=	89	%	EPA 625	-88	-88	27	133	
2016/17-2	Lab	LCS, RPD	12/14/2016	Organic	Anthracene	n/a	=	2	%	EPA 625	-88	-88	0	30	
2016/17-2	Lab	method blank	12/15/2016	Organic	Anthracene	n/a	<	0.1	µg/L	EPA 8270C	0.1	0.1			
2016/17-2	Lab	LCS	12/16/2016	Organic	Anthracene	n/a	=	8.11	µg/L	EPA 8270C	0.1	0.1			
2016/17-2	Lab	LCS, rec	12/16/2016	Organic	Anthracene	n/a	=	81	%	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	
2016/17-2	Lab	LCS dup	12/16/2016	Organic	Anthracene	n/a	=	8.46	µg/L	EPA 8270C	0.1	0.1			
2016/17-2	Lab	LCS dup, rec	12/16/2016	Organic	Anthracene	n/a	=	85	%	EPA 8270C	-88	-88	22	127	
2016/17-2	Lab	LCS, RPD	12/16/2016	Organic	Anthracene	n/a	=	4	%	EPA 8270C	-88	-88	0	30	
2016/17-2	Lab	method blank	12/10/2016	Organic	Benz(a)anthracene	n/a	<	0.19	µg/L	EPA 625	0.19	1			
2016/17-2	Lab	LCS	12/10/2016	Organic	Benz(a)anthracene	n/a	=	17.7	µg/L	EPA 625	0.19	1			
2016/17-2	Lab	LCS, rec	12/10/2016	Organic	Benz(a)anthracene	n/a	=	71	%	EPA 625	-88	-88	33	143	
2016/17-2	Lab	LCS dup	12/10/2016	Organic	Benz(a)anthracene	n/a	=	19.8	µg/L	EPA 625	0.19	1			
2016/17-2	Lab	LCS dup, rec	12/10/2016	Organic	Benz(a)anthracene	n/a	=	79	%	EPA 625	-88	-88	33	143	
2016/17-2	Lab	LCS, RPD	12/10/2016	Organic	Benz(a)anthracene	n/a	=	11	%	EPA 625	-88	-88	0	30	
2016/17-2	Lab	method blank	12/14/2016	Organic	Benz(a)anthracene	n/a	<	0.19	µg/L	EPA 625	0.19	1			
2016/17-2	Lab	LCS	12/14/2016	Organic	Benz(a)anthracene	n/a	=	25.2	µg/L	EPA 625	0.19	1			
2016/17-2	Lab	LCS, rec	12/14/2016	Organic	Benz(a)anthracene	n/a	=	101	%	EPA 625	-88	-88	33	143	
2016/17-2	Lab	LCS dup	12/14/2016	Organic	Benz(a)anthracene	n/a	=	25.3	µg/L	EPA 625	0.19	1			
2016/17-2	Lab	LCS dup, rec	12/14/2016	Organic	Benz(a)anthracene	n/a	=	101	%	EPA 625	-88	-88	33	143	
2016/17-2	Lab	LCS, RPD	12/14/2016	Organic	Benz(a)anthracene	n/a	=	0.8	%	EPA 625	-88	-88	0	30	
2016/17-2	Lab	method blank	12/15/2016	Organic	Benz(a)anthracene	n/a	<	0.1	µg/L	EPA 8270C	0.1	0.1			
2016/17-2	Lab	LCS	12/16/2016	Organic	Benz(a)anthracene	n/a	=	8.09	µg/L	EPA 8270C	0.1	0.1			
2016/17-2	Lab	LCS, rec	12/16/2016	Organic	Benz(a)anthracene	n/a	=	81	%	EPA 8270C	-88	-88	17	131	
2016/17-2	Lab	LCS dup	12/16/2016	Organic	Benz(a)anthracene	n/a	=	7.48	µg/L	EPA 8270C	0.1	0.1			
2016/17-2	Lab	LCS dup, rec	12/16/2016	Organic	Benz(a)anthracene	n/a	=	75	%	EPA 8270C	-88	-88	17	131	
2016/17-2	Lab	LCS, RPD	12/16/2016	Organic	Benz(a)anthracene	n/a	=	8	%	EPA 8270C	-88	-88	0	30	
2016/17-2	Lab	method blank	12/10/2016	Organic	Benzidine	n/a	<	3.7	µg/L	EPA 625	3.7	10			
2016/17-2	Lab	method blank	12/14/2016	Organic	Benzidine	n/a	<	3.7	µg/L	EPA 625	3.7	5			
2016/17-2	Lab	method blank	12/5/2016	Organic	Benzo(a)pyrene	n/a	<	0.07	µg/L	EPA 525.2	0.07	0.1			
2016/17-2	Lab	LCS	12/5/2016	Organic	Benzo(a)pyrene	n/a	=	4.86	µg/L	EPA 525.2	0.07	0.1			
2016/17-2	Lab	LCS, rec	12/5/2016	Organic	Benzo(a)pyrene	n/a	=	97	%	EPA 525.2	-88	-88	40	147	
2016/17-2	Lab	LCS dup	12/5/2016	Organic	Benzo(a)pyrene	n/a	=	5.18	µg/L	EPA 525.2	0.07	0.1			
2016/17-2	Lab	LCS dup, rec	12/5/2016	Organic	Benzo(a)pyrene	n/a	=	104	%	EPA 525.2	-88	-88	40	147	
2016/17-2	Lab	LCS, RPD	12/5/2016	Organic	Benzo(a)pyrene	n/a	=	6	%	EPA 525.2	-88	-88	0	30	
2016/17-2	Lab	method blank	12/10/2016	Organic	Benzo(a)pyrene	n/a	<	0.13	µg/L	EPA 625	0.13	1			
2016/17-2	Lab	LCS	12/10/2016	Organic	Benzo(a)pyrene	n/a	=	24.6	µg/L	EPA 625	0.13	1			
2016/17-2	Lab	LCS, rec	12/10/2016	Organic	Benzo(a)pyrene	n/a	=	98	%	EPA 625	-88	-88	17	163	
2016/17-2	Lab	LCS dup	12/10/2016	Organic	Benzo(a)pyrene	n/a	=	26.4	µg/L	EPA 625	0.13	1			
2016/17-2	Lab	LCS dup, rec	12/10/2016	Organic	Benzo(a)pyrene	n/a	=	106	%	EPA 625	-88	-88	17	163	
2016/17-2	Lab	LCS, RPD	12/10/2016	Organic	Benzo(a)pyrene	n/a	=	7	%	EPA 625	-88	-88	0	30	
2016/17-2	Lab	method blank	12/14/2016	Organic	Benzo(a)pyrene	n/a	<	0.13	µg/L	EPA 625	0.13	1			
2016/17-2	Lab	LCS	12/14/2016	Organic	Benzo(a)pyrene	n/a	=	27.5	µg/L	EPA 625	0.13	1			
2016/17-2	Lab	LCS, rec	12/14/2016	Organic	Benzo(a)pyrene	n/a	=	110	%	EPA 625	-88	-88	17	163	
2016/17-2	Lab	LCS dup	12/14/2016	Organic	Benzo(a)pyrene	n/a	=	22.9	µg/L	EPA 625	0.13	1			
2016/17-2	Lab	LCS dup, rec	12/14/2016	Organic	Benzo(a)pyrene	n/a	=	92	%	EPA 625	-88	-88	17	163	
2016/17-2	Lab	LCS, RPD	12/14/2016	Organic	Benzo(a)pyrene	n/a	=	18	%	EPA 625	-88	-88	0	30	
2016/17-2	Lab	method blank	12/15/2016	Organic	Benzo(a)pyrene	n/a	<	0.1	µg/L	EPA 8270C	0.1	0.1			
2016/17-2	Lab	LCS	12/16/2016	Organic	Benzo(a)pyrene	n/a	=	8.28	µg/L	EPA 8270C	0.1	0.1			
2016/17-2	Lab	LCS, rec	12/16/2016	Organic	Benzo(a)pyrene	n/a	=	83	%	EPA 8270C	-88	-88	12	131	
2016/17-2	Lab	LCS dup	12/16/2016	Organic	Benzo(a)pyrene	n/a	=	7.88	µg/L	EPA 8270C	0.1	0.1			
2016/17-2	Lab	LCS dup, rec	12/16/2016	Organic	Benzo(a)pyrene	n/a	=	79	%	EPA 8270C	-88	-88	12	131	
2016/17-2	Lab	LCS, RPD	12/16/2016	Organic	Benzo(a)pyrene	n/a	=	5	%	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	
2016/17-2	Lab	method blank	12/10/2016	Organic	Benzo(b)fluoranthene	n/a	<	0.14	µg/L	EPA 625	0.14	1			
2016/17-2	Lab	LCS	12/10/2016	Organic	Benzo(b)fluoranthene	n/a	=	25.5	µg/L	EPA 625	0.14	1			
2016/17-2	Lab	LCS, rec	12/10/2016	Organic	Benzo(b)fluoranthene	n/a	=	102	%	EPA 625	-88	-88	24	159	
2016/17-2	Lab	LCS dup	12/10/2016	Organic	Benzo(b)fluoranthene	n/a	=	27.9	µg/L	EPA 625	0.14	1			
2016/17-2	Lab	LCS dup, rec	12/10/2016	Organic	Benzo(b)fluoranthene	n/a	=	112	%	EPA 625	-88	-88	24	159	
2016/17-2	Lab	LCS, RPD	12/10/2016	Organic	Benzo(b)fluoranthene	n/a	=	9	%	EPA 625	-88	-88	0	30	
2016/17-2	Lab	method blank	12/14/2016	Organic	Benzo(b)fluoranthene	n/a	<	0.14	µg/L	EPA 625	0.14	1			
2016/17-2	Lab	LCS	12/14/2016	Organic	Benzo(b)fluoranthene	n/a	=	28.4	µg/L	EPA 625	0.14	1			
2016/17-2	Lab	LCS, rec	12/14/2016	Organic	Benzo(b)fluoranthene	n/a	=	113	%	EPA 625	-88	-88	24	159	
2016/17-2	Lab	LCS dup	12/14/2016	Organic	Benzo(b)fluoranthene	n/a	=	24.3	µg/L	EPA 625	0.14	1			
2016/17-2	Lab	LCS dup, rec	12/14/2016	Organic	Benzo(b)fluoranthene	n/a	=	97	%	EPA 625	-88	-88	24	159	
2016/17-2	Lab	LCS, RPD	12/14/2016	Organic	Benzo(b)fluoranthene	n/a	=	15	%	EPA 625	-88	-88	0	30	
2016/17-2	Lab	method blank	12/15/2016	Organic	Benzo(b)fluoranthene	n/a	<	0.1	µg/L	EPA 8270C	0.1	0.1			
2016/17-2	Lab	LCS	12/16/2016	Organic	Benzo(b)fluoranthene	n/a	=	8.41	µg/L	EPA 8270C	0.1	0.1			
2016/17-2	Lab	LCS, rec	12/16/2016	Organic	Benzo(b)fluoranthene	n/a	=	84	%	EPA 8270C	-88	-88	19	129	
2016/17-2	Lab	LCS dup	12/16/2016	Organic	Benzo(b)fluoranthene	n/a	=	8.48	µg/L	EPA 8270C	0.1	0.1			
2016/17-2	Lab	LCS dup, rec	12/16/2016	Organic	Benzo(b)fluoranthene	n/a	=	85	%	EPA 8270C	-88	-88	19	129	
2016/17-2	Lab	LCS, RPD	12/16/2016	Organic	Benzo(b)fluoranthene	n/a	=	0.9	%	EPA 8270C	-88	-88	0	30	
2016/17-2	Lab	method blank	12/15/2016	Organic	Benzo(e)pyrene	n/a	<	0.1	µg/L	EPA 8270C	0.1	0.1			
2016/17-2	Lab	method blank	12/10/2016	Organic	Benzo(g,h,i)perylene	n/a	<	0.1	µg/L	EPA 625	0.1	2			
2016/17-2	Lab	LCS	12/10/2016	Organic	Benzo(g,h,i)perylene	n/a	=	21.4	µg/L	EPA 625	0.1	2			
2016/17-2	Lab	LCS, rec	12/10/2016	Organic	Benzo(g,h,i)perylene	n/a	=	86	%	EPA 625	-88	-88	0.1	219	
2016/17-2	Lab	LCS dup	12/10/2016	Organic	Benzo(g,h,i)perylene	n/a	=	16.1	µg/L	EPA 625	0.1	2			
2016/17-2	Lab	LCS dup, rec	12/10/2016	Organic	Benzo(g,h,i)perylene	n/a	=	64	%	EPA 625	-88	-88	0.1	219	
2016/17-2	Lab	LCS, RPD	12/10/2016	Organic	Benzo(g,h,i)perylene	n/a	=	29	%	EPA 625	-88	-88	0	30	
2016/17-2	Lab	method blank	12/14/2016	Organic	Benzo(g,h,i)perylene	n/a	<	0.1	µg/L	EPA 625	0.1	2			
2016/17-2	Lab	LCS	12/14/2016	Organic	Benzo(g,h,i)perylene	n/a	=	18.2	µg/L	EPA 625	0.1	2			
2016/17-2	Lab	LCS, rec	12/14/2016	Organic	Benzo(g,h,i)perylene	n/a	=	73	%	EPA 625	-88	-88	0.1	219	
2016/17-2	Lab	LCS dup	12/14/2016	Organic	Benzo(g,h,i)perylene	n/a	=	19.7	µg/L	EPA 625	0.1	2			
2016/17-2	Lab	LCS dup, rec	12/14/2016	Organic	Benzo(g,h,i)perylene	n/a	=	79	%	EPA 625	-88	-88	0.1	219	
2016/17-2	Lab	LCS, RPD	12/14/2016	Organic	Benzo(g,h,i)perylene	n/a	=	8	%	EPA 625	-88	-88	0	30	
2016/17-2	Lab	method blank	12/15/2016	Organic	Benzo(g,h,i)perylene	n/a	<	0.1	µg/L	EPA 8270C	0.1	0.1			
2016/17-2	Lab	LCS	12/16/2016	Organic	Benzo(g,h,i)perylene	n/a	=	8.46	µg/L	EPA 8270C	0.1	0.1			
2016/17-2	Lab	LCS, rec	12/16/2016	Organic	Benzo(g,h,i)perylene	n/a	=	85	%	EPA 8270C	-88	-88	14	139	
2016/17-2	Lab	LCS dup	12/16/2016	Organic	Benzo(g,h,i)perylene	n/a	=	8.13	µg/L	EPA 8270C	0.1	0.1			
2016/17-2	Lab	LCS dup, rec	12/16/2016	Organic	Benzo(g,h,i)perylene	n/a	=	81	%	EPA 8270C	-88	-88	14	139	
2016/17-2	Lab	LCS, RPD	12/16/2016	Organic	Benzo(g,h,i)perylene	n/a	=	4	%	EPA 8270C	-88	-88	0	30	
2016/17-2	Lab	method blank	12/10/2016	Organic	Benzo(k)fluoranthene	n/a	<	0.22	µg/L	EPA 625	0.22	1			
2016/17-2	Lab	LCS	12/10/2016	Organic	Benzo(k)fluoranthene	n/a	=	27.4	µg/L	EPA 625	0.22	1			
2016/17-2	Lab	LCS, rec	12/10/2016	Organic	Benzo(k)fluoranthene	n/a	=	110	%	EPA 625	-88	-88	11	162	
2016/17-2	Lab	LCS dup	12/10/2016	Organic	Benzo(k)fluoranthene	n/a	=	26.2	µg/L	EPA 625	0.22	1			
2016/17-2	Lab	LCS dup, rec	12/10/2016	Organic	Benzo(k)fluoranthene	n/a	=	105	%	EPA 625	-88	-88	11	162	
2016/17-2	Lab	LCS, RPD	12/10/2016	Organic	Benzo(k)fluoranthene	n/a	=	5	%	EPA 625	-88	-88	0	30	
2016/17-2	Lab	method blank	12/14/2016	Organic	Benzo(k)fluoranthene	n/a	<	0.22	µg/L	EPA 625	0.22	1			
2016/17-2	Lab	LCS	12/14/2016	Organic	Benzo(k)fluoranthene	n/a	=	30.4	µg/L	EPA 625	0.22	1			
2016/17-2	Lab	LCS, rec	12/14/2016	Organic	Benzo(k)fluoranthene	n/a	=	122	%	EPA 625	-88	-88	11	162	
2016/17-2	Lab	LCS dup	12/14/2016	Organic	Benzo(k)fluoranthene	n/a	=	24.1	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	
2016/17-2	Lab	LCS dup, rec	12/14/2016	Organic	Benzo(k)fluoranthene	n/a	=	97	%	EPA 625	-88	-88	11	162	
2016/17-2	Lab	LCS, RPD	12/14/2016	Organic	Benzo(k)fluoranthene	n/a	=	23	%	EPA 625	-88	-88	0	30	
2016/17-2	Lab	method blank	12/15/2016	Organic	Benzo(k)fluoranthene	n/a	<	0.1	µg/L	EPA 8270C	0.1	0.1			
2016/17-2	Lab	LCS	12/16/2016	Organic	Benzo(k)fluoranthene	n/a	=	8.92	µg/L	EPA 8270C	0.1	0.1			
2016/17-2	Lab	LCS, rec	12/16/2016	Organic	Benzo(k)fluoranthene	n/a	=	89	%	EPA 8270C	-88	-88	22	127	
2016/17-2	Lab	LCS dup	12/16/2016	Organic	Benzo(k)fluoranthene	n/a	=	8.51	µg/L	EPA 8270C	0.1	0.1			
2016/17-2	Lab	LCS dup, rec	12/16/2016	Organic	Benzo(k)fluoranthene	n/a	=	85	%	EPA 8270C	-88	-88	22	127	
2016/17-2	Lab	LCS, RPD	12/16/2016	Organic	Benzo(k)fluoranthene	n/a	=	5	%	EPA 8270C	-88	-88	0	30	
2016/17-2	Lab	method blank	12/15/2016	Organic	Biphenyl	n/a	<	0.1	µg/L	EPA 8270C	0.1	0.1			
2016/17-2	Lab	method blank	12/10/2016	Organic	Bis(2-chloroethoxy)methane	n/a	<	0.25	µg/L	EPA 625	0.25	1			
2016/17-2	Lab	LCS	12/10/2016	Organic	Bis(2-chloroethoxy)methane	n/a	=	23.9	µg/L	EPA 625	0.25	1			
2016/17-2	Lab	LCS, rec	12/10/2016	Organic	Bis(2-chloroethoxy)methane	n/a	=	96	%	EPA 625	-88	-88	33	184	
2016/17-2	Lab	LCS dup	12/10/2016	Organic	Bis(2-chloroethoxy)methane	n/a	=	22.6	µg/L	EPA 625	0.25	1			
2016/17-2	Lab	LCS dup, rec	12/10/2016	Organic	Bis(2-chloroethoxy)methane	n/a	=	91	%	EPA 625	-88	-88	33	184	
2016/17-2	Lab	LCS, RPD	12/10/2016	Organic	Bis(2-chloroethoxy)methane	n/a	=	5	%	EPA 625	-88	-88	0	30	
2016/17-2	Lab	method blank	12/14/2016	Organic	Bis(2-chloroethoxy)methane	n/a	<	0.25	µg/L	EPA 625	0.25	1			
2016/17-2	Lab	LCS	12/14/2016	Organic	Bis(2-chloroethoxy)methane	n/a	=	21	µg/L	EPA 625	0.25	1			
2016/17-2	Lab	LCS, rec	12/14/2016	Organic	Bis(2-chloroethoxy)methane	n/a	=	84	%	EPA 625	-88	-88	33	184	
2016/17-2	Lab	LCS dup	12/14/2016	Organic	Bis(2-chloroethoxy)methane	n/a	=	20.3	µg/L	EPA 625	0.25	1			
2016/17-2	Lab	LCS dup, rec	12/14/2016	Organic	Bis(2-chloroethoxy)methane	n/a	=	81	%	EPA 625	-88	-88	33	184	
2016/17-2	Lab	LCS, RPD	12/14/2016	Organic	Bis(2-chloroethoxy)methane	n/a	=	3	%	EPA 625	-88	-88	0	30	
2016/17-2	Lab	method blank	12/10/2016	Organic	Bis(2-chloroethyl)ether	n/a	<	0.27	µg/L	EPA 625	0.27	1			
2016/17-2	Lab	LCS	12/10/2016	Organic	Bis(2-chloroethyl)ether	n/a	=	23.6	µg/L	EPA 625	0.27	1			
2016/17-2	Lab	LCS, rec	12/10/2016	Organic	Bis(2-chloroethyl)ether	n/a	=	94	%	EPA 625	-88	-88	12	158	
2016/17-2	Lab	LCS dup	12/10/2016	Organic	Bis(2-chloroethyl)ether	n/a	=	21.8	µg/L	EPA 625	0.27	1			
2016/17-2	Lab	LCS dup, rec	12/10/2016	Organic	Bis(2-chloroethyl)ether	n/a	=	87	%	EPA 625	-88	-88	12	158	
2016/17-2	Lab	LCS, RPD	12/10/2016	Organic	Bis(2-chloroethyl)ether	n/a	=	8	%	EPA 625	-88	-88	0	30	
2016/17-2	Lab	method blank	12/14/2016	Organic	Bis(2-chloroethyl)ether	n/a	<	0.27	µg/L	EPA 625	0.27	1			
2016/17-2	Lab	LCS	12/14/2016	Organic	Bis(2-chloroethyl)ether	n/a	=	21.2	µg/L	EPA 625	0.27	1			
2016/17-2	Lab	LCS, rec	12/14/2016	Organic	Bis(2-chloroethyl)ether	n/a	=	85	%	EPA 625	-88	-88	12	158	
2016/17-2	Lab	LCS dup	12/14/2016	Organic	Bis(2-chloroethyl)ether	n/a	=	18.9	µg/L	EPA 625	0.27	1			
2016/17-2	Lab	LCS dup, rec	12/14/2016	Organic	Bis(2-chloroethyl)ether	n/a	=	76	%	EPA 625	-88	-88	12	158	
2016/17-2	Lab	LCS, RPD	12/14/2016	Organic	Bis(2-chloroethyl)ether	n/a	=	11	%	EPA 625	-88	-88	0	30	
2016/17-2	Lab	method blank	12/10/2016	Organic	Bis(2-chloroisopropyl)ether	n/a	<	0.38	µg/L	EPA 625	0.38	1			
2016/17-2	Lab	LCS	12/10/2016	Organic	Bis(2-chloroisopropyl)ether	n/a	=	23.5	µg/L	EPA 625	0.38	1			
2016/17-2	Lab	LCS, rec	12/10/2016	Organic	Bis(2-chloroisopropyl)ether	n/a	=	94	%	EPA 625	-88	-88	36	166	
2016/17-2	Lab	LCS dup	12/10/2016	Organic	Bis(2-chloroisopropyl)ether	n/a	=	21.8	µg/L	EPA 625	0.38	1			
2016/17-2	Lab	LCS dup, rec	12/10/2016	Organic	Bis(2-chloroisopropyl)ether	n/a	=	87	%	EPA 625	-88	-88	36	166	
2016/17-2	Lab	LCS, RPD	12/10/2016	Organic	Bis(2-chloroisopropyl)ether	n/a	=	8	%	EPA 625	-88	-88	0	30	
2016/17-2	Lab	method blank	12/14/2016	Organic	Bis(2-chloroisopropyl)ether	n/a	<	0.38	µg/L	EPA 625	0.38	1			
2016/17-2	Lab	LCS	12/14/2016	Organic	Bis(2-chloroisopropyl)ether	n/a	=	21.8	µg/L	EPA 625	0.38	1			
2016/17-2	Lab	LCS, rec	12/14/2016	Organic	Bis(2-chloroisopropyl)ether	n/a	=	87	%	EPA 625	-88	-88	36	166	
2016/17-2	Lab	LCS dup	12/14/2016	Organic	Bis(2-chloroisopropyl)ether	n/a	=	20.8	µg/L	EPA 625	0.38	1			
2016/17-2	Lab	LCS dup, rec	12/14/2016	Organic	Bis(2-chloroisopropyl)ether	n/a	=	83	%	EPA 625	-88	-88	36	166	
2016/17-2	Lab	LCS, RPD	12/14/2016	Organic	Bis(2-chloroisopropyl)ether	n/a	=	5	%	EPA 625	-88	-88	0	30	
2016/17-2	Lab	method blank	12/5/2016	Organic	Bis(2-ethylhexyl)adipate	n/a	<	0.1	µg/L	EPA 525.2	0.1	5			
2016/17-2	Lab	LCS	12/5/2016	Organic	Bis(2-ethylhexyl)adipate	n/a	=	5.1	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	
2016/17-2	Lab	LCS, rec	12/5/2016	Organic	Bis(2-ethylhexyl)adipate	n/a	=	102	%	EPA 525.2	-88	-88	71	158	
2016/17-2	Lab	LCS dup	12/5/2016	Organic	Bis(2-ethylhexyl)adipate	n/a	=	5.19	µg/L	EPA 525.2	0.1	5			
2016/17-2	Lab	LCS dup, rec	12/5/2016	Organic	Bis(2-ethylhexyl)adipate	n/a	=	104	%	EPA 525.2	-88	-88	71	158	
2016/17-2	Lab	LCS, RPD	12/5/2016	Organic	Bis(2-ethylhexyl)adipate	n/a	=	2	%	EPA 525.2	-88	-88	0	30	
2016/17-2	Lab	method blank	12/5/2016	Organic	Bis(2-ethylhexyl)phthalate	n/a	<	1.1	µg/L	EPA 525.2	1.1	3			
2016/17-2	Lab	LCS	12/5/2016	Organic	Bis(2-ethylhexyl)phthalate	n/a	=	5.58	µg/L	EPA 525.2	1.1	3			
2016/17-2	Lab	LCS, rec	12/5/2016	Organic	Bis(2-ethylhexyl)phthalate	n/a	=	112	%	EPA 525.2	-88	-88	68	154	
2016/17-2	Lab	LCS dup	12/5/2016	Organic	Bis(2-ethylhexyl)phthalate	n/a	=	5.71	µg/L	EPA 525.2	1.1	3			
2016/17-2	Lab	LCS dup, rec	12/5/2016	Organic	Bis(2-ethylhexyl)phthalate	n/a	=	114	%	EPA 525.2	-88	-88	68	154	
2016/17-2	Lab	LCS, RPD	12/5/2016	Organic	Bis(2-ethylhexyl)phthalate	n/a	=	2	%	EPA 525.2	-88	-88	0	30	
2016/17-2	Lab	method blank	12/10/2016	Organic	Bis(2-ethylhexyl)phthalate	n/a	<	2.3	µg/L	EPA 625	2.3	5			
2016/17-2	Lab	LCS	12/10/2016	Organic	Bis(2-ethylhexyl)phthalate	n/a	=	19.4	µg/L	EPA 625	2.3	5			
2016/17-2	Lab	LCS, rec	12/10/2016	Organic	Bis(2-ethylhexyl)phthalate	n/a	=	78	%	EPA 625	-88	-88	8	158	
2016/17-2	Lab	LCS dup	12/10/2016	Organic	Bis(2-ethylhexyl)phthalate	n/a	=	19.8	µg/L	EPA 625	2.3	5			
2016/17-2	Lab	LCS dup, rec	12/10/2016	Organic	Bis(2-ethylhexyl)phthalate	n/a	=	79	%	EPA 625	-88	-88	8	158	
2016/17-2	Lab	LCS, RPD	12/10/2016	Organic	Bis(2-ethylhexyl)phthalate	n/a	=	2	%	EPA 625	-88	-88	0	30	
2016/17-2	Lab	method blank	12/14/2016	Organic	Bis(2-ethylhexyl)phthalate	n/a	<	2.3	µg/L	EPA 625	2.3	5			
2016/17-2	Lab	LCS	12/14/2016	Organic	Bis(2-ethylhexyl)phthalate	n/a	=	23.8	µg/L	EPA 625	2.3	5			
2016/17-2	Lab	LCS, rec	12/14/2016	Organic	Bis(2-ethylhexyl)phthalate	n/a	=	95	%	EPA 625	-88	-88	8	158	
2016/17-2	Lab	LCS dup	12/14/2016	Organic	Bis(2-ethylhexyl)phthalate	n/a	=	23.7	µg/L	EPA 625	2.3	5			
2016/17-2	Lab	LCS dup, rec	12/14/2016	Organic	Bis(2-ethylhexyl)phthalate	n/a	=	95	%	EPA 625	-88	-88	8	158	
2016/17-2	Lab	LCS, RPD	12/14/2016	Organic	Bis(2-ethylhexyl)phthalate	n/a	=	0.8	%	EPA 625	-88	-88	0	30	
2016/17-2	Lab	method blank	12/10/2016	Organic	Butyl benzyl phthalate	n/a	<	0.18	µg/L	EPA 625	0.18	1			
2016/17-2	Lab	LCS	12/10/2016	Organic	Butyl benzyl phthalate	n/a	=	17.3	µg/L	EPA 625	0.18	1			
2016/17-2	Lab	LCS, rec	12/10/2016	Organic	Butyl benzyl phthalate	n/a	=	69	%	EPA 625	-88	-88	0.1	152	
2016/17-2	Lab	LCS dup	12/10/2016	Organic	Butyl benzyl phthalate	n/a	=	18.4	µg/L	EPA 625	0.18	1			
2016/17-2	Lab	LCS dup, rec	12/10/2016	Organic	Butyl benzyl phthalate	n/a	=	73	%	EPA 625	-88	-88	0.1	152	
2016/17-2	Lab	LCS, RPD	12/10/2016	Organic	Butyl benzyl phthalate	n/a	=	6	%	EPA 625	-88	-88	0	30	
2016/17-2	Lab	method blank	12/14/2016	Organic	Butyl benzyl phthalate	n/a	<	0.18	µg/L	EPA 625	0.18	1			
2016/17-2	Lab	LCS	12/14/2016	Organic	Butyl benzyl phthalate	n/a	=	24	µg/L	EPA 625	0.18	1			
2016/17-2	Lab	LCS, rec	12/14/2016	Organic	Butyl benzyl phthalate	n/a	=	96	%	EPA 625	-88	-88	0.1	152	
2016/17-2	Lab	LCS dup	12/14/2016	Organic	Butyl benzyl phthalate	n/a	=	23.5	µg/L	EPA 625	0.18	1			
2016/17-2	Lab	LCS dup, rec	12/14/2016	Organic	Butyl benzyl phthalate	n/a	=	94	%	EPA 625	-88	-88	0.1	152	
2016/17-2	Lab	LCS, RPD	12/14/2016	Organic	Butyl benzyl phthalate	n/a	=	2	%	EPA 625	-88	-88	0	30	
2016/17-2	Lab	method blank	12/10/2016	Organic	Chrysene	n/a	<	0.19	µg/L	EPA 625	0.19	1			
2016/17-2	Lab	LCS	12/10/2016	Organic	Chrysene	n/a	=	26.1	µg/L	EPA 625	0.19	1			
2016/17-2	Lab	LCS, rec	12/10/2016	Organic	Chrysene	n/a	=	104	%	EPA 625	-88	-88	17	168	
2016/17-2	Lab	LCS dup	12/10/2016	Organic	Chrysene	n/a	=	26.7	µg/L	EPA 625	0.19	1			
2016/17-2	Lab	LCS dup, rec	12/10/2016	Organic	Chrysene	n/a	=	107	%	EPA 625	-88	-88	17	168	
2016/17-2	Lab	LCS, RPD	12/10/2016	Organic	Chrysene	n/a	=	2	%	EPA 625	-88	-88	0	30	
2016/17-2	Lab	method blank	12/14/2016	Organic	Chrysene	n/a	<	0.19	µg/L	EPA 625	0.19	1			
2016/17-2	Lab	LCS	12/14/2016	Organic	Chrysene	n/a	=	24.4	µg/L	EPA 625	0.19	1			
2016/17-2	Lab	LCS, rec	12/14/2016	Organic	Chrysene	n/a	=	98	%	EPA 625	-88	-88	17	168	
2016/17-2	Lab	LCS dup	12/14/2016	Organic	Chrysene	n/a	=	23	µg/L	EPA 625	0.19	1			
2016/17-2	Lab	LCS dup, rec	12/14/2016	Organic	Chrysene	n/a	=	92	%	EPA 625	-88	-88	17	168	
2016/17-2	Lab	LCS, RPD	12/14/2016	Organic	Chrysene	n/a	=	6	%	EPA 625	-88	-88	0	30	
2016/17-2	Lab	method blank	12/15/2016	Organic	Chrysene	n/a	<	0.1	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	
2016/17-2	Lab	LCS	12/16/2016	Organic	Chrysene	n/a	=	8.54	µg/L	EPA 8270C	0.1	0.1			
2016/17-2	Lab	LCS, rec	12/16/2016	Organic	Chrysene	n/a	=	85	%	EPA 8270C	-88	-88	32	126	
2016/17-2	Lab	LCS dup	12/16/2016	Organic	Chrysene	n/a	=	8.99	µg/L	EPA 8270C	0.1	0.1			
2016/17-2	Lab	LCS dup, rec	12/16/2016	Organic	Chrysene	n/a	=	90	%	EPA 8270C	-88	-88	32	126	
2016/17-2	Lab	LCS, RPD	12/16/2016	Organic	Chrysene	n/a	=	5	%	EPA 8270C	-88	-88	0	30	
2016/17-2	Lab	method blank	12/10/2016	Organic	Dibenz(a,h)anthracene	n/a	<	0.08	µg/L	EPA 625	0.08	2			
2016/17-2	Lab	LCS	12/10/2016	Organic	Dibenz(a,h)anthracene	n/a	=	10.4	µg/L	EPA 625	0.08	2			
2016/17-2	Lab	LCS, rec	12/10/2016	Organic	Dibenz(a,h)anthracene	n/a	=	42	%	EPA 625	-88	-88	0.1	227	
2016/17-2	Lab	LCS dup	12/10/2016	Organic	Dibenz(a,h)anthracene	n/a	=	8.18	µg/L	EPA 625	0.08	2			
2016/17-2	Lab	LCS dup, rec	12/10/2016	Organic	Dibenz(a,h)anthracene	n/a	=	33	%	EPA 625	-88	-88	0.1	227	
2016/17-2	Lab	LCS, RPD	12/10/2016	Organic	Dibenz(a,h)anthracene	n/a	=	24	%	EPA 625	-88	-88	0	30	
2016/17-2	Lab	method blank	12/14/2016	Organic	Dibenz(a,h)anthracene	n/a	<	0.08	µg/L	EPA 625	0.08	2			
2016/17-2	Lab	LCS	12/14/2016	Organic	Dibenz(a,h)anthracene	n/a	=	9.54	µg/L	EPA 625	0.08	2			
2016/17-2	Lab	LCS, rec	12/14/2016	Organic	Dibenz(a,h)anthracene	n/a	=	38	%	EPA 625	-88	-88	0.1	227	
2016/17-2	Lab	LCS dup	12/14/2016	Organic	Dibenz(a,h)anthracene	n/a	=	10.6	µg/L	EPA 625	0.08	2			
2016/17-2	Lab	LCS dup, rec	12/14/2016	Organic	Dibenz(a,h)anthracene	n/a	=	42	%	EPA 625	-88	-88	0.1	227	
2016/17-2	Lab	LCS, RPD	12/14/2016	Organic	Dibenz(a,h)anthracene	n/a	=	11	%	EPA 625	-88	-88	0	30	
2016/17-2	Lab	method blank	12/15/2016	Organic	Dibenz(a,h)anthracene	n/a	<	0.1	µg/L	EPA 8270C	0.1	0.1			
2016/17-2	Lab	LCS	12/16/2016	Organic	Dibenz(a,h)anthracene	n/a	=	4.42	µg/L	EPA 8270C	0.1	0.1			
2016/17-2	Lab	LCS, rec	12/16/2016	Organic	Dibenz(a,h)anthracene	n/a	=	44	%	EPA 8270C	-88	-88	9	147	
2016/17-2	Lab	LCS dup	12/16/2016	Organic	Dibenz(a,h)anthracene	n/a	=	4.51	µg/L	EPA 8270C	0.1	0.1			
2016/17-2	Lab	LCS dup, rec	12/16/2016	Organic	Dibenz(a,h)anthracene	n/a	=	45	%	EPA 8270C	-88	-88	9	147	
2016/17-2	Lab	LCS, RPD	12/16/2016	Organic	Dibenz(a,h)anthracene	n/a	=	2	%	EPA 8270C	-88	-88	0	30	
2016/17-2	Lab	method blank	12/10/2016	Organic	Diethyl phthalate	n/a	<	0.15	µg/L	EPA 625	0.15	1			
2016/17-2	Lab	LCS	12/10/2016	Organic	Diethyl phthalate	n/a	=	25.8	µg/L	EPA 625	0.15	1			
2016/17-2	Lab	LCS, rec	12/10/2016	Organic	Diethyl phthalate	n/a	=	103	%	EPA 625	-88	-88	0.1	114	
2016/17-2	Lab	LCS dup	12/10/2016	Organic	Diethyl phthalate	n/a	=	24.4	µg/L	EPA 625	0.15	1			
2016/17-2	Lab	LCS dup, rec	12/10/2016	Organic	Diethyl phthalate	n/a	=	98	%	EPA 625	-88	-88	0.1	114	
2016/17-2	Lab	LCS, RPD	12/10/2016	Organic	Diethyl phthalate	n/a	=	5	%	EPA 625	-88	-88	0	30	
2016/17-2	Lab	method blank	12/14/2016	Organic	Diethyl phthalate	n/a	<	0.15	µg/L	EPA 625	0.15	1			
2016/17-2	Lab	LCS	12/14/2016	Organic	Diethyl phthalate	n/a	=	24.2	µg/L	EPA 625	0.15	1			
2016/17-2	Lab	LCS, rec	12/14/2016	Organic	Diethyl phthalate	n/a	=	97	%	EPA 625	-88	-88	0.1	114	
2016/17-2	Lab	LCS dup	12/14/2016	Organic	Diethyl phthalate	n/a	=	22.7	µg/L	EPA 625	0.15	1			
2016/17-2	Lab	LCS dup, rec	12/14/2016	Organic	Diethyl phthalate	n/a	=	91	%	EPA 625	-88	-88	0.1	114	
2016/17-2	Lab	LCS, RPD	12/14/2016	Organic	Diethyl phthalate	n/a	=	7	%	EPA 625	-88	-88	0	30	
2016/17-2	Lab	method blank	12/10/2016	Organic	Dimethyl phthalate	n/a	<	0.18	µg/L	EPA 625	0.18	1			
2016/17-2	Lab	LCS	12/10/2016	Organic	Dimethyl phthalate	n/a	=	28.7	µg/L	EPA 625	0.18	1			EUM
2016/17-2	Lab	LCS, rec	12/10/2016	Organic	Dimethyl phthalate	n/a	=	115	%	EPA 625	-88	-88	0.1	112	EUM
2016/17-2	Lab	LCS dup	12/10/2016	Organic	Dimethyl phthalate	n/a	=	26.1	µg/L	EPA 625	0.18	1			
2016/17-2	Lab	LCS dup, rec	12/10/2016	Organic	Dimethyl phthalate	n/a	=	105	%	EPA 625	-88	-88	0.1	112	
2016/17-2	Lab	LCS, RPD	12/10/2016	Organic	Dimethyl phthalate	n/a	=	9	%	EPA 625	-88	-88	0	30	
2016/17-2	Lab	method blank	12/14/2016	Organic	Dimethyl phthalate	n/a	<	0.18	µg/L	EPA 625	0.18	1			
2016/17-2	Lab	LCS	12/14/2016	Organic	Dimethyl phthalate	n/a	=	23.5	µg/L	EPA 625	0.18	1			
2016/17-2	Lab	LCS, rec	12/14/2016	Organic	Dimethyl phthalate	n/a	=	94	%	EPA 625	-88	-88	0.1	112	
2016/17-2	Lab	LCS dup	12/14/2016	Organic	Dimethyl phthalate	n/a	=	21.6	µg/L	EPA 625	0.18	1			
2016/17-2	Lab	LCS dup, rec	12/14/2016	Organic	Dimethyl phthalate	n/a	=	86	%	EPA 625	-88	-88	0.1	112	
2016/17-2	Lab	LCS, RPD	12/14/2016	Organic	Dimethyl 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	
2016/17-2	Lab	method blank	12/10/2016	Organic	Di-n-butylphthalate	n/a	<	0.24	µg/L	EPA 625	0.24	1			
2016/17-2	Lab	LCS	12/10/2016	Organic	Di-n-butylphthalate	n/a	=	25.5	µg/L	EPA 625	0.24	1			
2016/17-2	Lab	LCS, rec	12/10/2016	Organic	Di-n-butylphthalate	n/a	=	102	%	EPA 625	-88	-88	1	118	
2016/17-2	Lab	LCS dup	12/10/2016	Organic	Di-n-butylphthalate	n/a	=	25.6	µg/L	EPA 625	0.24	1			
2016/17-2	Lab	LCS dup, rec	12/10/2016	Organic	Di-n-butylphthalate	n/a	=	102	%	EPA 625	-88	-88	1	118	
2016/17-2	Lab	LCS, RPD	12/10/2016	Organic	Di-n-butylphthalate	n/a	=	0.5	%	EPA 625	-88	-88	0	30	
2016/17-2	Lab	method blank	12/14/2016	Organic	Di-n-butylphthalate	n/a	<	0.24	µg/L	EPA 625	0.24	1			
2016/17-2	Lab	LCS	12/14/2016	Organic	Di-n-butylphthalate	n/a	=	24.6	µg/L	EPA 625	0.24	1			
2016/17-2	Lab	LCS, rec	12/14/2016	Organic	Di-n-butylphthalate	n/a	=	98	%	EPA 625	-88	-88	1	118	
2016/17-2	Lab	LCS dup	12/14/2016	Organic	Di-n-butylphthalate	n/a	=	25.2	µg/L	EPA 625	0.24	1			
2016/17-2	Lab	LCS dup, rec	12/14/2016	Organic	Di-n-butylphthalate	n/a	=	101	%	EPA 625	-88	-88	1	118	
2016/17-2	Lab	LCS, RPD	12/14/2016	Organic	Di-n-butylphthalate	n/a	=	2	%	EPA 625	-88	-88	0	30	
2016/17-2	Lab	method blank	12/10/2016	Organic	Di-n-octylphthalate	n/a	<	0.19	µg/L	EPA 625	0.19	1			
2016/17-2	Lab	LCS	12/10/2016	Organic	Di-n-octylphthalate	n/a	=	24.5	µg/L	EPA 625	0.19	1			
2016/17-2	Lab	LCS, rec	12/10/2016	Organic	Di-n-octylphthalate	n/a	=	98	%	EPA 625	-88	-88	4	146	
2016/17-2	Lab	LCS dup	12/10/2016	Organic	Di-n-octylphthalate	n/a	=	24.7	µg/L	EPA 625	0.19	1			
2016/17-2	Lab	LCS dup, rec	12/10/2016	Organic	Di-n-octylphthalate	n/a	=	99	%	EPA 625	-88	-88	4	146	
2016/17-2	Lab	LCS, RPD	12/10/2016	Organic	Di-n-octylphthalate	n/a	=	1	%	EPA 625	-88	-88	0	30	
2016/17-2	Lab	method blank	12/14/2016	Organic	Di-n-octylphthalate	n/a	<	0.19	µg/L	EPA 625	0.19	1			
2016/17-2	Lab	LCS	12/14/2016	Organic	Di-n-octylphthalate	n/a	=	27.6	µg/L	EPA 625	0.19	1			
2016/17-2	Lab	LCS, rec	12/14/2016	Organic	Di-n-octylphthalate	n/a	=	110	%	EPA 625	-88	-88	4	146	
2016/17-2	Lab	LCS dup	12/14/2016	Organic	Di-n-octylphthalate	n/a	=	25	µg/L	EPA 625	0.19	1			
2016/17-2	Lab	LCS dup, rec	12/14/2016	Organic	Di-n-octylphthalate	n/a	=	100	%	EPA 625	-88	-88	4	146	
2016/17-2	Lab	LCS, RPD	12/14/2016	Organic	Di-n-octylphthalate	n/a	=	10	%	EPA 625	-88	-88	0	30	
2016/17-2	Lab	method blank	12/10/2016	Organic	Fluoranthene	n/a	<	0.22	µg/L	EPA 625	0.22	1			
2016/17-2	Lab	LCS	12/10/2016	Organic	Fluoranthene	n/a	=	23.3	µg/L	EPA 625	0.22	1			
2016/17-2	Lab	LCS, rec	12/10/2016	Organic	Fluoranthene	n/a	=	93	%	EPA 625	-88	-88	26	137	
2016/17-2	Lab	LCS dup	12/10/2016	Organic	Fluoranthene	n/a	=	23.7	µg/L	EPA 625	0.22	1			
2016/17-2	Lab	LCS dup, rec	12/10/2016	Organic	Fluoranthene	n/a	=	95	%	EPA 625	-88	-88	26	137	
2016/17-2	Lab	LCS, RPD	12/10/2016	Organic	Fluoranthene	n/a	=	1	%	EPA 625	-88	-88	0	30	
2016/17-2	Lab	method blank	12/14/2016	Organic	Fluoranthene	n/a	<	0.22	µg/L	EPA 625	0.22	1			
2016/17-2	Lab	LCS	12/14/2016	Organic	Fluoranthene	n/a	=	23.4	µg/L	EPA 625	0.22	1			
2016/17-2	Lab	LCS, rec	12/14/2016	Organic	Fluoranthene	n/a	=	94	%	EPA 625	-88	-88	26	137	
2016/17-2	Lab	LCS dup	12/14/2016	Organic	Fluoranthene	n/a	=	23.9	µg/L	EPA 625	0.22	1			
2016/17-2	Lab	LCS dup, rec	12/14/2016	Organic	Fluoranthene	n/a	=	96	%	EPA 625	-88	-88	26	137	
2016/17-2	Lab	LCS, RPD	12/14/2016	Organic	Fluoranthene	n/a	=	2	%	EPA 625	-88	-88	0	30	
2016/17-2	Lab	method blank	12/15/2016	Organic	Fluoranthene	n/a	<	0.1	µg/L	EPA 8270C	0.1	0.1			
2016/17-2	Lab	LCS	12/16/2016	Organic	Fluoranthene	n/a	=	8.29	µg/L	EPA 8270C	0.1	0.1			
2016/17-2	Lab	LCS, rec	12/16/2016	Organic	Fluoranthene	n/a	=	83	%	EPA 8270C	-88	-88	22	131	
2016/17-2	Lab	LCS dup	12/16/2016	Organic	Fluoranthene	n/a	=	8.25	µg/L	EPA 8270C	0.1	0.1			
2016/17-2	Lab	LCS dup, rec	12/16/2016	Organic	Fluoranthene	n/a	=	82	%	EPA 8270C	-88	-88	22	131	
2016/17-2	Lab	LCS, RPD	12/16/2016	Organic	Fluoranthene	n/a	=	0.5	%	EPA 8270C	-88	-88	0	30	
2016/17-2	Lab	method blank	12/10/2016	Organic	Fluorene	n/a	<	0.35	µg/L	EPA 625	0.35	1			
2016/17-2	Lab	LCS	12/10/2016	Organic	Fluorene	n/a	=	25.4	µg/L	EPA 625	0.35	1			
2016/17-2	Lab	LCS, rec	12/10/2016	Organic	Fluorene	n/a	=	102	%	EPA 625	-88	-88	59	121	
2016/17-2	Lab	LCS dup	12/10/2016	Organic	Fluorene	n/a	=	23.9	µg/L	EPA 625	0.35	1			
2016/17-2	Lab	LCS dup, rec	12/10/2016	Organic	Fluorene	n/a	=	96	%	EPA 625	-88	-88	59	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	
2016/17-2	Lab	LCS, RPD	12/10/2016	Organic	Fluorene	n/a	=	6	%	EPA 625	-88	-88	0	30	
2016/17-2	Lab	method blank	12/14/2016	Organic	Fluorene	n/a	<	0.35	µg/L	EPA 625	0.35	1			
2016/17-2	Lab	LCS	12/14/2016	Organic	Fluorene	n/a	=	23.1	µg/L	EPA 625	0.35	1			
2016/17-2	Lab	LCS, rec	12/14/2016	Organic	Fluorene	n/a	=	92	%	EPA 625	-88	-88	59	121	
2016/17-2	Lab	LCS dup	12/14/2016	Organic	Fluorene	n/a	=	21.2	µg/L	EPA 625	0.35	1			
2016/17-2	Lab	LCS dup, rec	12/14/2016	Organic	Fluorene	n/a	=	85	%	EPA 625	-88	-88	59	121	
2016/17-2	Lab	LCS, RPD	12/14/2016	Organic	Fluorene	n/a	=	8	%	EPA 625	-88	-88	0	30	
2016/17-2	Lab	method blank	12/15/2016	Organic	Fluorene	n/a	<	0.1	µg/L	EPA 8270C	0.1	0.1			
2016/17-2	Lab	LCS	12/16/2016	Organic	Fluorene	n/a	=	8.16	µg/L	EPA 8270C	0.1	0.1			
2016/17-2	Lab	LCS, rec	12/16/2016	Organic	Fluorene	n/a	=	82	%	EPA 8270C	-88	-88	19	122	
2016/17-2	Lab	LCS dup	12/16/2016	Organic	Fluorene	n/a	=	8.54	µg/L	EPA 8270C	0.1	0.1			
2016/17-2	Lab	LCS dup, rec	12/16/2016	Organic	Fluorene	n/a	=	85	%	EPA 8270C	-88	-88	19	122	
2016/17-2	Lab	LCS, RPD	12/16/2016	Organic	Fluorene	n/a	=	5	%	EPA 8270C	-88	-88	0	30	
2016/17-2	Lab	method blank	12/10/2016	Organic	Hexachlorobenzene	n/a	<	0.49	µg/L	EPA 625	0.49	1			
2016/17-2	Lab	LCS	12/10/2016	Organic	Hexachlorobenzene	n/a	=	20.9	µg/L	EPA 625	0.49	1			
2016/17-2	Lab	LCS, rec	12/10/2016	Organic	Hexachlorobenzene	n/a	=	83	%	EPA 625	-88	-88	0.1	152	
2016/17-2	Lab	LCS dup	12/10/2016	Organic	Hexachlorobenzene	n/a	=	19.8	µg/L	EPA 625	0.49	1			
2016/17-2	Lab	LCS dup, rec	12/10/2016	Organic	Hexachlorobenzene	n/a	=	79	%	EPA 625	-88	-88	0.1	152	
2016/17-2	Lab	LCS, RPD	12/10/2016	Organic	Hexachlorobenzene	n/a	=	5	%	EPA 625	-88	-88	0	30	
2016/17-2	Lab	method blank	12/14/2016	Organic	Hexachlorobenzene	n/a	<	0.49	µg/L	EPA 625	0.49	1			
2016/17-2	Lab	LCS	12/14/2016	Organic	Hexachlorobenzene	n/a	=	19.3	µg/L	EPA 625	0.49	1			
2016/17-2	Lab	LCS, rec	12/14/2016	Organic	Hexachlorobenzene	n/a	=	77	%	EPA 625	-88	-88	0.1	152	
2016/17-2	Lab	LCS dup	12/14/2016	Organic	Hexachlorobenzene	n/a	=	18.3	µg/L	EPA 625	0.49	1			
2016/17-2	Lab	LCS dup, rec	12/14/2016	Organic	Hexachlorobenzene	n/a	=	73	%	EPA 625	-88	-88	0.1	152	
2016/17-2	Lab	LCS, RPD	12/14/2016	Organic	Hexachlorobenzene	n/a	=	6	%	EPA 625	-88	-88	0	30	
2016/17-2	Lab	method blank	12/10/2016	Organic	Hexachlorobutadiene	n/a	<	0.47	µg/L	EPA 625	0.47	1			
2016/17-2	Lab	LCS	12/10/2016	Organic	Hexachlorobutadiene	n/a	=	21.9	µg/L	EPA 625	0.47	1			
2016/17-2	Lab	LCS, rec	12/10/2016	Organic	Hexachlorobutadiene	n/a	=	88	%	EPA 625	-88	-88	24	116	
2016/17-2	Lab	LCS dup	12/10/2016	Organic	Hexachlorobutadiene	n/a	=	20.6	µg/L	EPA 625	0.47	1			
2016/17-2	Lab	LCS dup, rec	12/10/2016	Organic	Hexachlorobutadiene	n/a	=	83	%	EPA 625	-88	-88	24	116	
2016/17-2	Lab	LCS, RPD	12/10/2016	Organic	Hexachlorobutadiene	n/a	=	6	%	EPA 625	-88	-88	0	30	
2016/17-2	Lab	method blank	12/14/2016	Organic	Hexachlorobutadiene	n/a	<	0.47	µg/L	EPA 625	0.47	1			
2016/17-2	Lab	LCS	12/14/2016	Organic	Hexachlorobutadiene	n/a	=	20.1	µg/L	EPA 625	0.47	1			
2016/17-2	Lab	LCS, rec	12/14/2016	Organic	Hexachlorobutadiene	n/a	=	80	%	EPA 625	-88	-88	24	116	
2016/17-2	Lab	LCS dup	12/14/2016	Organic	Hexachlorobutadiene	n/a	=	17.8	µg/L	EPA 625	0.47	1			
2016/17-2	Lab	LCS dup, rec	12/14/2016	Organic	Hexachlorobutadiene	n/a	=	71	%	EPA 625	-88	-88	24	116	
2016/17-2	Lab	LCS, RPD	12/14/2016	Organic	Hexachlorobutadiene	n/a	=	12	%	EPA 625	-88	-88	0	30	
2016/17-2	Lab	method blank	12/10/2016	Organic	Hexachlorocyclopentadiene	n/a	<	1.5	µg/L	EPA 625	1.5	5			
2016/17-2	Lab	LCS	12/10/2016	Organic	Hexachlorocyclopentadiene	n/a	=	18.2	µg/L	EPA 625	1.5	5			
2016/17-2	Lab	LCS, rec	12/10/2016	Organic	Hexachlorocyclopentadiene	n/a	=	73	%	EPA 625	-88	-88	0.1	81	
2016/17-2	Lab	LCS dup	12/10/2016	Organic	Hexachlorocyclopentadiene	n/a	=	16.1	µg/L	EPA 625	1.5	5			
2016/17-2	Lab	LCS dup, rec	12/10/2016	Organic	Hexachlorocyclopentadiene	n/a	=	64	%	EPA 625	-88	-88	0.1	81	
2016/17-2	Lab	LCS, RPD	12/10/2016	Organic	Hexachlorocyclopentadiene	n/a	=	13	%	EPA 625	-88	-88	0	30	
2016/17-2	Lab	method blank	12/14/2016	Organic	Hexachlorocyclopentadiene	n/a	<	1.5	µg/L	EPA 625	1.5	5			
2016/17-2	Lab	LCS	12/14/2016	Organic	Hexachlorocyclopentadiene	n/a	=	13.8	µg/L	EPA 625	1.5	5			
2016/17-2	Lab	LCS, rec	12/14/2016	Organic	Hexachlorocyclopentadiene	n/a	=	55	%	EPA 625	-88	-88	0.1	81	
2016/17-2	Lab	LCS dup	12/14/2016	Organic	Hexachlorocyclopentadiene	n/a	=	11.7	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	
2016/17-2	Lab	LCS dup, rec	12/14/2016	Organic	Hexachlorocyclopentadiene	n/a	=	47	%	EPA 625	-88	-88	0.1	81	
2016/17-2	Lab	LCS, RPD	12/14/2016	Organic	Hexachlorocyclopentadiene	n/a	=	16	%	EPA 625	-88	-88	0	30	
2016/17-2	Lab	method blank	12/10/2016	Organic	Hexachloroethane	n/a	<	0.52	µg/L	EPA 625	0.52	1			
2016/17-2	Lab	LCS	12/10/2016	Organic	Hexachloroethane	n/a	=	20.4	µg/L	EPA 625	0.52	1			
2016/17-2	Lab	LCS, rec	12/10/2016	Organic	Hexachloroethane	n/a	=	82	%	EPA 625	-88	-88	40	113	
2016/17-2	Lab	LCS dup	12/10/2016	Organic	Hexachloroethane	n/a	=	18.7	µg/L	EPA 625	0.52	1			
2016/17-2	Lab	LCS dup, rec	12/10/2016	Organic	Hexachloroethane	n/a	=	75	%	EPA 625	-88	-88	40	113	
2016/17-2	Lab	LCS, RPD	12/10/2016	Organic	Hexachloroethane	n/a	=	9	%	EPA 625	-88	-88	0	30	
2016/17-2	Lab	method blank	12/14/2016	Organic	Hexachloroethane	n/a	<	0.52	µg/L	EPA 625	0.52	1			
2016/17-2	Lab	LCS	12/14/2016	Organic	Hexachloroethane	n/a	=	17.9	µg/L	EPA 625	0.52	1			
2016/17-2	Lab	LCS, rec	12/14/2016	Organic	Hexachloroethane	n/a	=	72	%	EPA 625	-88	-88	40	113	
2016/17-2	Lab	LCS dup	12/14/2016	Organic	Hexachloroethane	n/a	=	17.3	µg/L	EPA 625	0.52	1			
2016/17-2	Lab	LCS dup, rec	12/14/2016	Organic	Hexachloroethane	n/a	=	69	%	EPA 625	-88	-88	40	113	
2016/17-2	Lab	LCS, RPD	12/14/2016	Organic	Hexachloroethane	n/a	=	3	%	EPA 625	-88	-88	0	30	
2016/17-2	Lab	method blank	12/10/2016	Organic	Indeno(1,2,3-cd)pyrene	n/a	<	0.12	µg/L	EPA 625	0.12	2			
2016/17-2	Lab	LCS	12/10/2016	Organic	Indeno(1,2,3-cd)pyrene	n/a	=	22.8	µg/L	EPA 625	0.12	2			
2016/17-2	Lab	LCS, rec	12/10/2016	Organic	Indeno(1,2,3-cd)pyrene	n/a	=	91	%	EPA 625	-88	-88	0.1	171	
2016/17-2	Lab	LCS dup	12/10/2016	Organic	Indeno(1,2,3-cd)pyrene	n/a	=	18.5	µg/L	EPA 625	0.12	2			
2016/17-2	Lab	LCS dup, rec	12/10/2016	Organic	Indeno(1,2,3-cd)pyrene	n/a	=	74	%	EPA 625	-88	-88	0.1	171	
2016/17-2	Lab	LCS, RPD	12/10/2016	Organic	Indeno(1,2,3-cd)pyrene	n/a	=	21	%	EPA 625	-88	-88	0	30	
2016/17-2	Lab	method blank	12/14/2016	Organic	Indeno(1,2,3-cd)pyrene	n/a	<	0.12	µg/L	EPA 625	0.12	2			
2016/17-2	Lab	LCS	12/14/2016	Organic	Indeno(1,2,3-cd)pyrene	n/a	=	19.4	µg/L	EPA 625	0.12	2			
2016/17-2	Lab	LCS, rec	12/14/2016	Organic	Indeno(1,2,3-cd)pyrene	n/a	=	77	%	EPA 625	-88	-88	0.1	171	
2016/17-2	Lab	LCS dup	12/14/2016	Organic	Indeno(1,2,3-cd)pyrene	n/a	=	21.2	µg/L	EPA 625	0.12	2			
2016/17-2	Lab	LCS dup, rec	12/14/2016	Organic	Indeno(1,2,3-cd)pyrene	n/a	=	85	%	EPA 625	-88	-88	0.1	171	
2016/17-2	Lab	LCS, RPD	12/14/2016	Organic	Indeno(1,2,3-cd)pyrene	n/a	=	9	%	EPA 625	-88	-88	0	30	
2016/17-2	Lab	method blank	12/15/2016	Organic	Indeno(1,2,3-cd)pyrene	n/a	<	0.1	µg/L	EPA 8270C	0.1	0.1			
2016/17-2	Lab	LCS	12/16/2016	Organic	Indeno(1,2,3-cd)pyrene	n/a	=	8.69	µg/L	EPA 8270C	0.1	0.1			
2016/17-2	Lab	LCS, rec	12/16/2016	Organic	Indeno(1,2,3-cd)pyrene	n/a	=	87	%	EPA 8270C	-88	-88	12	136	
2016/17-2	Lab	LCS dup	12/16/2016	Organic	Indeno(1,2,3-cd)pyrene	n/a	=	8.69	µg/L	EPA 8270C	0.1	0.1			
2016/17-2	Lab	LCS dup, rec	12/16/2016	Organic	Indeno(1,2,3-cd)pyrene	n/a	=	87	%	EPA 8270C	-88	-88	12	136	
2016/17-2	Lab	LCS, RPD	12/16/2016	Organic	Indeno(1,2,3-cd)pyrene	n/a	=	0.02	%	EPA 8270C	-88	-88	0	30	
2016/17-2	Lab	method blank	12/10/2016	Organic	Isophorone	n/a	<	0.21	µg/L	EPA 625	0.21	1			
2016/17-2	Lab	LCS	12/10/2016	Organic	Isophorone	n/a	=	26	µg/L	EPA 625	0.21	1			
2016/17-2	Lab	LCS, rec	12/10/2016	Organic	Isophorone	n/a	=	104	%	EPA 625	-88	-88	21	196	
2016/17-2	Lab	LCS dup	12/10/2016	Organic	Isophorone	n/a	=	24.3	µg/L	EPA 625	0.21	1			
2016/17-2	Lab	LCS dup, rec	12/10/2016	Organic	Isophorone	n/a	=	97	%	EPA 625	-88	-88	21	196	
2016/17-2	Lab	LCS, RPD	12/10/2016	Organic	Isophorone	n/a	=	7	%	EPA 625	-88	-88	0	30	
2016/17-2	Lab	method blank	12/14/2016	Organic	Isophorone	n/a	<	0.21	µg/L	EPA 625	0.21	1			
2016/17-2	Lab	LCS	12/14/2016	Organic	Isophorone	n/a	=	23	µg/L	EPA 625	0.21	1			
2016/17-2	Lab	LCS, rec	12/14/2016	Organic	Isophorone	n/a	=	92	%	EPA 625	-88	-88	21	196	
2016/17-2	Lab	LCS dup	12/14/2016	Organic	Isophorone	n/a	=	21.8	µg/L	EPA 625	0.21	1			
2016/17-2	Lab	LCS dup, rec	12/14/2016	Organic	Isophorone	n/a	=	87	%	EPA 625	-88	-88	21	196	
2016/17-2	Lab	LCS, RPD	12/14/2016	Organic	Isophorone	n/a	=	5	%	EPA 625	-88	-88	0	30	
2016/17-2	Lab	LCS	11/22/2016	Organic	Methyl tert-butyl ether (MTBE)	n/a	=	51.1	µg/L	EPA 624	0.25	1			
2016/17-2	Lab	LCS, rec	11/22/2016	Organic	Methyl tert-butyl ether (MTBE)	n/a	=	102	%	EPA 624	-88	-88	80	128	
2016/17-2	Lab	LCS dup	11/22/2016	Organic	Methyl tert-butyl ether (MTBE)	n/a	=	52.2	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	
2016/17-2	Lab	LCS dup, rec	11/22/2016	Organic	Methyl tert-butyl ether (MTBE)	n/a	=	104	%	EPA 624	-88	-88	80	128	
2016/17-2	Lab	LCS, RPD	11/22/2016	Organic	Methyl tert-butyl ether (MTBE)	n/a	=	2	%	EPA 624	-88	-88	0	25	
2016/17-2	Lab	method blank	11/23/2016	Organic	Methyl tert-butyl ether (MTBE)	n/a	<	0.25	µg/L	EPA 624	0.25	1			
2016/17-2	Lab	LCS	11/24/2016	Organic	Methyl tert-butyl ether (MTBE)	n/a	=	53.2	µg/L	EPA 624	0.25	1			
2016/17-2	Lab	LCS, rec	11/24/2016	Organic	Methyl tert-butyl ether (MTBE)	n/a	=	106	%	EPA 624	-88	-88	80	128	
2016/17-2	Lab	LCS dup	11/24/2016	Organic	Methyl tert-butyl ether (MTBE)	n/a	=	52.4	µg/L	EPA 624	0.25	1			
2016/17-2	Lab	LCS dup, rec	11/24/2016	Organic	Methyl tert-butyl ether (MTBE)	n/a	=	105	%	EPA 624	-88	-88	80	128	
2016/17-2	Lab	LCS, RPD	11/24/2016	Organic	Methyl tert-butyl ether (MTBE)	n/a	=	2	%	EPA 624	-88	-88	0	25	
2016/17-2	Lab	method blank	11/24/2016	Organic	Methyl tert-butyl ether (MTBE)	n/a	<	0.25	µg/L	EPA 624	0.25	1			
2016/17-2	Lab	LCS dup	11/27/2016	Organic	Methyl tert-butyl ether (MTBE)	n/a	=	53.2	µg/L	EPA 624	0.25	1			
2016/17-2	Lab	LCS dup, rec	11/27/2016	Organic	Methyl tert-butyl ether (MTBE)	n/a	=	106	%	EPA 624	-88	-88	80	128	
2016/17-2	Lab	LCS, RPD	11/27/2016	Organic	Methyl tert-butyl ether (MTBE)	n/a	=	2	%	EPA 624	-88	-88	0	25	
2016/17-2	Lab	LCS	11/27/2016	Organic	Methyl tert-butyl ether (MTBE)	n/a	=	54.1	µg/L	EPA 624	0.25	1			
2016/17-2	Lab	LCS, rec	11/27/2016	Organic	Methyl tert-butyl ether (MTBE)	n/a	=	108	%	EPA 624	-88	-88	80	128	
2016/17-2	Lab	method blank	11/27/2016	Organic	Methyl tert-butyl ether (MTBE)	n/a	<	0.25	µg/L	EPA 624	0.25	1			
2016/17-2	Lab	method blank	12/10/2016	Organic	Naphthalene	n/a	<	0.49	µg/L	EPA 625	0.49	1			
2016/17-2	Lab	LCS	12/10/2016	Organic	Naphthalene	n/a	=	24	µg/L	EPA 625	0.49	1			
2016/17-2	Lab	LCS, rec	12/10/2016	Organic	Naphthalene	n/a	=	96	%	EPA 625	-88	-88	21	133	
2016/17-2	Lab	LCS dup	12/10/2016	Organic	Naphthalene	n/a	=	22	µg/L	EPA 625	0.49	1			
2016/17-2	Lab	LCS dup, rec	12/10/2016	Organic	Naphthalene	n/a	=	88	%	EPA 625	-88	-88	21	133	
2016/17-2	Lab	LCS, RPD	12/10/2016	Organic	Naphthalene	n/a	=	9	%	EPA 625	-88	-88	0	30	
2016/17-2	Lab	method blank	12/14/2016	Organic	Naphthalene	n/a	<	0.49	µg/L	EPA 625	0.49	1			
2016/17-2	Lab	LCS	12/14/2016	Organic	Naphthalene	n/a	=	21.4	µg/L	EPA 625	0.49	1			
2016/17-2	Lab	LCS, rec	12/14/2016	Organic	Naphthalene	n/a	=	85	%	EPA 625	-88	-88	21	133	
2016/17-2	Lab	LCS dup	12/14/2016	Organic	Naphthalene	n/a	=	18.9	µg/L	EPA 625	0.49	1			
2016/17-2	Lab	LCS dup, rec	12/14/2016	Organic	Naphthalene	n/a	=	76	%	EPA 625	-88	-88	21	133	
2016/17-2	Lab	LCS, RPD	12/14/2016	Organic	Naphthalene	n/a	=	12	%	EPA 625	-88	-88	0	30	
2016/17-2	Lab	method blank	12/15/2016	Organic	Naphthalene	n/a	<	0.1	µg/L	EPA 8270C	0.1	0.1			
2016/17-2	Lab	LCS	12/16/2016	Organic	Naphthalene	n/a	=	6.94	µg/L	EPA 8270C	0.1	0.1			
2016/17-2	Lab	LCS, rec	12/16/2016	Organic	Naphthalene	n/a	=	69	%	EPA 8270C	-88	-88	12	136	
2016/17-2	Lab	LCS dup	12/16/2016	Organic	Naphthalene	n/a	=	8.31	µg/L	EPA 8270C	0.1	0.1			
2016/17-2	Lab	LCS dup, rec	12/16/2016	Organic	Naphthalene	n/a	=	83	%	EPA 8270C	-88	-88	12	136	
2016/17-2	Lab	LCS, RPD	12/16/2016	Organic	Naphthalene	n/a	=	18	%	EPA 8270C	-88	-88	0	30	
2016/17-2	Lab	method blank	12/10/2016	Organic	Nitrobenzene	n/a	<	0.36	µg/L	EPA 625	0.36	1			
2016/17-2	Lab	LCS	12/10/2016	Organic	Nitrobenzene	n/a	=	23.3	µg/L	EPA 625	0.36	1			
2016/17-2	Lab	LCS, rec	12/10/2016	Organic	Nitrobenzene	n/a	=	93	%	EPA 625	-88	-88	35	180	
2016/17-2	Lab	LCS dup	12/10/2016	Organic	Nitrobenzene	n/a	=	21.4	µg/L	EPA 625	0.36	1			
2016/17-2	Lab	LCS dup, rec	12/10/2016	Organic	Nitrobenzene	n/a	=	86	%	EPA 625	-88	-88	35	180	
2016/17-2	Lab	LCS, RPD	12/10/2016	Organic	Nitrobenzene	n/a	=	9	%	EPA 625	-88	-88	0	30	
2016/17-2	Lab	method blank	12/14/2016	Organic	Nitrobenzene	n/a	<	0.36	µg/L	EPA 625	0.36	1			
2016/17-2	Lab	LCS	12/14/2016	Organic	Nitrobenzene	n/a	=	20.3	µg/L	EPA 625	0.36	1			
2016/17-2	Lab	LCS, rec	12/14/2016	Organic	Nitrobenzene	n/a	=	81	%	EPA 625	-88	-88	35	180	
2016/17-2	Lab	LCS dup	12/14/2016	Organic	Nitrobenzene	n/a	=	19.1	µg/L	EPA 625	0.36	1			
2016/17-2	Lab	LCS dup, rec	12/14/2016	Organic	Nitrobenzene	n/a	=	77	%	EPA 625	-88	-88	35	180	
2016/17-2	Lab	LCS, RPD	12/14/2016	Organic	Nitrobenzene	n/a	=	6	%	EPA 625	-88	-88	0	30	
2016/17-2	Lab	srgt method blank	12/10/2016	Organic	Nitrobenzene-d5	n/a	=	19.7	µg/L	EPA 625	-88	-88			
2016/17-2	Lab	srgt method blank, rec	12/10/2016	Organic	Nitrobenzene-d5	n/a	=	79	%	EPA 625	-88	-88	27	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	
2016/17-2	Lab	srgt LCS	12/10/2016	Organic	Nitrobenzene-d5	n/a	=	22.6	µg/L	EPA 625	-88	-88			
2016/17-2	Lab	srgt LCS, rec	12/10/2016	Organic	Nitrobenzene-d5	n/a	=	91	%	EPA 625	-88	-88	27	111	
2016/17-2	Lab	srgt LCS dup	12/10/2016	Organic	Nitrobenzene-d5	n/a	=	20.6	µg/L	EPA 625	-88	-88			
2016/17-2	Lab	srgt LCS dup, rec	12/10/2016	Organic	Nitrobenzene-d5	n/a	=	82	%	EPA 625	-88	-88	27	111	
2016/17-2	Lab	srgt method blank	12/14/2016	Organic	Nitrobenzene-d5	n/a	=	19.3	µg/L	EPA 625	-88	-88			
2016/17-2	Lab	srgt method blank, rec	12/14/2016	Organic	Nitrobenzene-d5	n/a	=	77	%	EPA 625	-88	-88	27	111	
2016/17-2	Lab	srgt LCS	12/14/2016	Organic	Nitrobenzene-d5	n/a	=	19.5	µg/L	EPA 625	-88	-88			
2016/17-2	Lab	srgt LCS, rec	12/14/2016	Organic	Nitrobenzene-d5	n/a	=	78	%	EPA 625	-88	-88	27	111	
2016/17-2	Lab	srgt LCS dup	12/14/2016	Organic	Nitrobenzene-d5	n/a	=	18.5	µg/L	EPA 625	-88	-88			
2016/17-2	Lab	srgt LCS dup, rec	12/14/2016	Organic	Nitrobenzene-d5	n/a	=	74	%	EPA 625	-88	-88	27	111	
2016/17-2	Lab	srgt method blank	12/15/2016	Organic	Nitrobenzene-d5	n/a	=	20	µg/L	EPA 8270C	-88	-88			
2016/17-2	Lab	srgt method blank, rec	12/15/2016	Organic	Nitrobenzene-d5	n/a	=	80	%	EPA 8270C	-88	-88	51	143	
2016/17-2	Lab	srgt LCS	12/16/2016	Organic	Nitrobenzene-d5	n/a	=	2.82	µg/L	EPA 8270C	-88	-88			
2016/17-2	Lab	srgt LCS, rec	12/16/2016	Organic	Nitrobenzene-d5	n/a	=	56	%	EPA 8270C	-88	-88	51	143	
2016/17-2	Lab	srgt LCS dup	12/16/2016	Organic	Nitrobenzene-d5	n/a	=	3.19	µg/L	EPA 8270C	-88	-88			
2016/17-2	Lab	srgt LCS dup, rec	12/16/2016	Organic	Nitrobenzene-d5	n/a	=	64	%	EPA 8270C	-88	-88	51	143	
2016/17-2	ME-CC	srgt environ	12/14/2016	Organic	Nitrobenzene-d5	n/a	=	19.5	µg/L	EPA 625	-88	-88			
2016/17-2	ME-CC	srgt environ, rec	12/14/2016	Organic	Nitrobenzene-d5	n/a	=	78	%	EPA 625	-88	-88	27	111	
2016/17-2	ME-CC	srgt environ	12/16/2016	Organic	Nitrobenzene-d5	n/a	=	2.76	µg/L	EPA 8270C	-88	-88			
2016/17-2	ME-CC	srgt environ, rec	12/16/2016	Organic	Nitrobenzene-d5	n/a	=	55	%	EPA 8270C	-88	-88	51	143	
2016/17-2	ME-VR2	srgt environ	12/14/2016	Organic	Nitrobenzene-d5	n/a	=	18.2	µg/L	EPA 625	-88	-88			
2016/17-2	ME-VR2	srgt environ, rec	12/14/2016	Organic	Nitrobenzene-d5	n/a	=	73	%	EPA 625	-88	-88	27	111	
2016/17-2	ME-VR2	srgt environ	12/16/2016	Organic	Nitrobenzene-d5	n/a	=	2.91	µg/L	EPA 8270C	-88	-88			
2016/17-2	ME-VR2	srgt environ, rec	12/16/2016	Organic	Nitrobenzene-d5	n/a	=	58	%	EPA 8270C	-88	-88	51	143	
2016/17-2	MO-CAM	srgt environ	12/10/2016	Organic	Nitrobenzene-d5	n/a	=	16.6	µg/L	EPA 625	-88	-88			
2016/17-2	MO-CAM	srgt environ, rec	12/10/2016	Organic	Nitrobenzene-d5	n/a	=	67	%	EPA 625	-88	-88	27	111	
2016/17-2	MO-CAM	srgt environ	12/16/2016	Organic	Nitrobenzene-d5	n/a	=	3.09	µg/L	EPA 8270C	-88	-88			
2016/17-2	MO-CAM	srgt environ, rec	12/16/2016	Organic	Nitrobenzene-d5	n/a	=	62	%	EPA 8270C	-88	-88	51	143	
2016/17-2	MO-FIL	srgt environ	12/14/2016	Organic	Nitrobenzene-d5	n/a	=	19	µg/L	EPA 625	-88	-88			
2016/17-2	MO-FIL	srgt environ, rec	12/14/2016	Organic	Nitrobenzene-d5	n/a	=	76	%	EPA 625	-88	-88	27	111	
2016/17-2	MO-FIL	srgt environ	12/16/2016	Organic	Nitrobenzene-d5	n/a	=	2.82	µg/L	EPA 8270C	-88	-88			
2016/17-2	MO-FIL	srgt environ, rec	12/16/2016	Organic	Nitrobenzene-d5	n/a	=	56	%	EPA 8270C	-88	-88	51	143	
2016/17-2	MO-HUE	srgt environ	12/14/2016	Organic	Nitrobenzene-d5	n/a	=	14.2	µg/L	EPA 625	-88	-88			
2016/17-2	MO-HUE	srgt environ, rec	12/14/2016	Organic	Nitrobenzene-d5	n/a	=	57	%	EPA 625	-88	-88	27	111	
2016/17-2	MO-HUE	srgt environ	12/16/2016	Organic	Nitrobenzene-d5	n/a	=	3.06	µg/L	EPA 8270C	-88	-88			
2016/17-2	MO-HUE	srgt environ, rec	12/16/2016	Organic	Nitrobenzene-d5	n/a	=	61	%	EPA 8270C	-88	-88	51	143	
2016/17-2	MO-MPK	srgt environ	12/14/2016	Organic	Nitrobenzene-d5	n/a	=	16.1	µg/L	EPA 625	-88	-88			
2016/17-2	MO-MPK	srgt environ, rec	12/14/2016	Organic	Nitrobenzene-d5	n/a	=	64	%	EPA 625	-88	-88	27	111	
2016/17-2	MO-MPK	srgt environ	12/16/2016	Organic	Nitrobenzene-d5	n/a	=	2.93	µg/L	EPA 8270C	-88	-88			
2016/17-2	MO-MPK	srgt environ, rec	12/16/2016	Organic	Nitrobenzene-d5	n/a	=	59	%	EPA 8270C	-88	-88	51	143	
2016/17-2	MO-OXN	srgt environ	12/14/2016	Organic	Nitrobenzene-d5	n/a	=	12.8	µg/L	EPA 625	-88	-88			
2016/17-2	MO-OXN	srgt environ, rec	12/14/2016	Organic	Nitrobenzene-d5	n/a	=	51	%	EPA 625	-88	-88	27	111	
2016/17-2	MO-OXN	srgt environ	12/16/2016	Organic	Nitrobenzene-d5	n/a	=	2.82	µg/L	EPA 8270C	-88	-88			
2016/17-2	MO-OXN	srgt environ, rec	12/16/2016	Organic	Nitrobenzene-d5	n/a	=	56	%	EPA 8270C	-88	-88	51	143	
2016/17-2	MO-SIM	srgt environ	12/10/2016	Organic	Nitrobenzene-d5	n/a	=	19	µg/L	EPA 625	-88	-88			
2016/17-2	MO-SIM	srgt environ, rec	12/10/2016	Organic	Nitrobenzene-d5	n/a	=	76	%	EPA 625	-88	-88	27	111	
2016/17-2	MO-SIM	srgt environ	12/16/2016	Organic	Nitrobenzene-d5	n/a	=	2.69	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	
2016/17-2	MO-SIM	srgt environ, rec	12/16/2016	Organic	Nitrobenzene-d5	n/a	=	54	%	EPA 8270C	-88	-88	51	143	
2016/17-2	MO-SPA	srgt environ	12/10/2016	Organic	Nitrobenzene-d5	n/a	=	16.8	µg/L	EPA 625	-88	-88			
2016/17-2	MO-SPA	srgt environ, rec	12/10/2016	Organic	Nitrobenzene-d5	n/a	=	67	%	EPA 625	-88	-88	27	111	
2016/17-2	MO-SPA	srgt environ	12/16/2016	Organic	Nitrobenzene-d5	n/a	=	3.4	µg/L	EPA 8270C	-88	-88			
2016/17-2	MO-SPA	srgt environ, rec	12/16/2016	Organic	Nitrobenzene-d5	n/a	=	68	%	EPA 8270C	-88	-88	51	143	
2016/17-2	MO-THO	srgt environ	12/14/2016	Organic	Nitrobenzene-d5	n/a	=	11	µg/L	EPA 625	-88	-88			
2016/17-2	MO-THO	srgt environ, rec	12/14/2016	Organic	Nitrobenzene-d5	n/a	=	44	%	EPA 625	-88	-88	27	111	
2016/17-2	MO-THO	srgt environ	12/16/2016	Organic	Nitrobenzene-d5	n/a	=	2.57	µg/L	EPA 8270C	-88	-88			
2016/17-2	MO-THO	srgt environ, rec	12/16/2016	Organic	Nitrobenzene-d5	n/a	=	51	%	EPA 8270C	-88	-88	51	143	
2016/17-2	MO-VEN	srgt environ	12/10/2016	Organic	Nitrobenzene-d5	n/a	=	15.6	µg/L	EPA 625	-88	-88			
2016/17-2	MO-VEN	srgt environ, rec	12/10/2016	Organic	Nitrobenzene-d5	n/a	=	62	%	EPA 625	-88	-88	27	111	
2016/17-2	MO-VEN	srgt environ	12/16/2016	Organic	Nitrobenzene-d5	n/a	=	2.92	µg/L	EPA 8270C	-88	-88			
2016/17-2	MO-VEN	srgt environ, rec	12/16/2016	Organic	Nitrobenzene-d5	n/a	=	58	%	EPA 8270C	-88	-88	51	143	
2016/17-2	Lab	method blank	12/10/2016	Organic	N-Nitrosodimethylamine	n/a	<	0.14	µg/L	EPA 625	0.14	1			
2016/17-2	Lab	LCS	12/10/2016	Organic	N-Nitrosodimethylamine	n/a	=	16.8	µg/L	EPA 625	0.14	1			
2016/17-2	Lab	LCS, rec	12/10/2016	Organic	N-Nitrosodimethylamine	n/a	=	67	%	EPA 625	-88	-88	28	75	
2016/17-2	Lab	LCS dup	12/10/2016	Organic	N-Nitrosodimethylamine	n/a	=	15.1	µg/L	EPA 625	0.14	1			
2016/17-2	Lab	LCS dup, rec	12/10/2016	Organic	N-Nitrosodimethylamine	n/a	=	61	%	EPA 625	-88	-88	28	75	
2016/17-2	Lab	LCS, RPD	12/10/2016	Organic	N-Nitrosodimethylamine	n/a	=	11	%	EPA 625	-88	-88	0	30	
2016/17-2	Lab	method blank	12/14/2016	Organic	N-Nitrosodimethylamine	n/a	<	0.14	µg/L	EPA 625	0.14	1			
2016/17-2	Lab	LCS	12/14/2016	Organic	N-Nitrosodimethylamine	n/a	=	15.9	µg/L	EPA 625	0.14	1			
2016/17-2	Lab	LCS, rec	12/14/2016	Organic	N-Nitrosodimethylamine	n/a	=	64	%	EPA 625	-88	-88	28	75	
2016/17-2	Lab	LCS dup	12/14/2016	Organic	N-Nitrosodimethylamine	n/a	=	14.9	µg/L	EPA 625	0.14	1			
2016/17-2	Lab	LCS dup, rec	12/14/2016	Organic	N-Nitrosodimethylamine	n/a	=	60	%	EPA 625	-88	-88	28	75	
2016/17-2	Lab	LCS, RPD	12/14/2016	Organic	N-Nitrosodimethylamine	n/a	=	6	%	EPA 625	-88	-88	0	30	
2016/17-2	Lab	method blank	12/10/2016	Organic	N-Nitrosodi-N-propylamine	n/a	<	0.26	µg/L	EPA 625	0.26	1			
2016/17-2	Lab	LCS	12/10/2016	Organic	N-Nitrosodi-N-propylamine	n/a	=	25.6	µg/L	EPA 625	0.26	1			
2016/17-2	Lab	LCS, rec	12/10/2016	Organic	N-Nitrosodi-N-propylamine	n/a	=	102	%	EPA 625	-88	-88	0.1	230	
2016/17-2	Lab	LCS dup	12/10/2016	Organic	N-Nitrosodi-N-propylamine	n/a	=	24.1	µg/L	EPA 625	0.26	1			
2016/17-2	Lab	LCS dup, rec	12/10/2016	Organic	N-Nitrosodi-N-propylamine	n/a	=	97	%	EPA 625	-88	-88	0.1	230	
2016/17-2	Lab	LCS, RPD	12/10/2016	Organic	N-Nitrosodi-N-propylamine	n/a	=	6	%	EPA 625	-88	-88	0	30	
2016/17-2	Lab	method blank	12/14/2016	Organic	N-Nitrosodi-N-propylamine	n/a	<	0.26	µg/L	EPA 625	0.26	1			
2016/17-2	Lab	LCS	12/14/2016	Organic	N-Nitrosodi-N-propylamine	n/a	=	23	µg/L	EPA 625	0.26	1			
2016/17-2	Lab	LCS, rec	12/14/2016	Organic	N-Nitrosodi-N-propylamine	n/a	=	92	%	EPA 625	-88	-88	0.1	230	
2016/17-2	Lab	LCS dup	12/14/2016	Organic	N-Nitrosodi-N-propylamine	n/a	=	22	µg/L	EPA 625	0.26	1			
2016/17-2	Lab	LCS dup, rec	12/14/2016	Organic	N-Nitrosodi-N-propylamine	n/a	=	88	%	EPA 625	-88	-88	0.1	230	
2016/17-2	Lab	LCS, RPD	12/14/2016	Organic	N-Nitrosodi-N-propylamine	n/a	=	4	%	EPA 625	-88	-88	0	30	
2016/17-2	Lab	method blank	12/10/2016	Organic	N-Nitrosodiphenylamine	n/a	<	0.19	µg/L	EPA 625	0.19	1			
2016/17-2	Lab	LCS	12/10/2016	Organic	N-Nitrosodiphenylamine	n/a	=	20.9	µg/L	EPA 625	0.19	1			
2016/17-2	Lab	LCS, rec	12/10/2016	Organic	N-Nitrosodiphenylamine	n/a	=	84	%	EPA 625	-88	-88	42	90	
2016/17-2	Lab	LCS dup	12/10/2016	Organic	N-Nitrosodiphenylamine	n/a	=	19.8	µg/L	EPA 625	0.19	1			
2016/17-2	Lab	LCS dup, rec	12/10/2016	Organic	N-Nitrosodiphenylamine	n/a	=	79	%	EPA 625	-88	-88	42	90	
2016/17-2	Lab	LCS, RPD	12/10/2016	Organic	N-Nitrosodiphenylamine	n/a	=	6	%	EPA 625	-88	-88	0	30	
2016/17-2	Lab	method blank	12/14/2016	Organic	N-Nitrosodiphenylamine	n/a	<	0.19	µg/L	EPA 625	0.19	1			
2016/17-2	Lab	LCS	12/14/2016	Organic	N-Nitrosodiphenylamine	n/a	=	19.3	µg/L	EPA 625	0.19	1			
2016/17-2	Lab	LCS, rec	12/14/2016	Organic	N-Nitrosodiphenylamine	n/a	=	77	%	EPA 625	-88	-88	42	90	
2016/17-2	Lab	LCS dup	12/14/2016	Organic	N-Nitrosodiphenylamine	n/a	=	18.4	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	
2016/17-2	Lab	LCS dup, rec	12/14/2016	Organic	N-Nitrosodiphenylamine	n/a	=	74	%	EPA 625	-88	-88	42	90	
2016/17-2	Lab	LCS, RPD	12/14/2016	Organic	N-Nitrosodiphenylamine	n/a	=	5	%	EPA 625	-88	-88	0	30	
2016/17-2	Lab	method blank	12/15/2016	Organic	Perylene	n/a	<	0.1	µg/L	EPA 8270C	0.1	0.1			
2016/17-2	Lab	srgt method blank	12/5/2016	Organic	Perylene-d12	n/a	=	4.26	µg/L	EPA 525.2	-88	-88			
2016/17-2	Lab	srgt method blank, rec	12/5/2016	Organic	Perylene-d12	n/a	=	85	%	EPA 525.2	-88	-88	30	118	
2016/17-2	Lab	srgt LCS	12/5/2016	Organic	Perylene-d12	n/a	=	5.58	µg/L	EPA 525.2	-88	-88			
2016/17-2	Lab	srgt LCS, rec	12/5/2016	Organic	Perylene-d12	n/a	=	112	%	EPA 525.2	-88	-88	30	118	
2016/17-2	Lab	srgt LCS dup	12/5/2016	Organic	Perylene-d12	n/a	=	5.55	µg/L	EPA 525.2	-88	-88			
2016/17-2	Lab	srgt LCS dup, rec	12/5/2016	Organic	Perylene-d12	n/a	=	111	%	EPA 525.2	-88	-88	30	118	
2016/17-2	ME-CC	srgt environ	12/5/2016	Organic	Perylene-d12	n/a	=	2.02	µg/L	EPA 525.2	-88	-88			
2016/17-2	ME-CC	srgt environ, rec	12/5/2016	Organic	Perylene-d12	n/a	=	40	%	EPA 525.2	-88	-88	30	118	
2016/17-2	ME-VR2	srgt environ	12/5/2016	Organic	Perylene-d12	n/a	=	4.37	µg/L	EPA 525.2	-88	-88			
2016/17-2	ME-VR2	srgt environ, rec	12/5/2016	Organic	Perylene-d12	n/a	=	87	%	EPA 525.2	-88	-88	30	118	
2016/17-2	MO-CAM	srgt environ	12/5/2016	Organic	Perylene-d12	n/a	=	1.59	µg/L	EPA 525.2	-88	-88			
2016/17-2	MO-CAM	srgt environ, rec	12/5/2016	Organic	Perylene-d12	n/a	=	32	%	EPA 525.2	-88	-88	30	118	
2016/17-2	MO-FIL	srgt environ	12/5/2016	Organic	Perylene-d12	n/a	=	2.3	µg/L	EPA 525.2	-88	-88			
2016/17-2	MO-FIL	srgt environ, rec	12/5/2016	Organic	Perylene-d12	n/a	=	46	%	EPA 525.2	-88	-88	30	118	
2016/17-2	MO-HUE	srgt environ	12/5/2016	Organic	Perylene-d12	n/a	=	1.98	µg/L	EPA 525.2	-88	-88			
2016/17-2	MO-HUE	srgt environ, rec	12/5/2016	Organic	Perylene-d12	n/a	=	40	%	EPA 525.2	-88	-88	30	118	
2016/17-2	MO-MPK	srgt environ	12/5/2016	Organic	Perylene-d12	n/a	=	1.66	µg/L	EPA 525.2	-88	-88			
2016/17-2	MO-MPK	srgt environ, rec	12/5/2016	Organic	Perylene-d12	n/a	=	33	%	EPA 525.2	-88	-88	30	118	
2016/17-2	MO-OXN	srgt environ	12/5/2016	Organic	Perylene-d12	n/a	=	2.2	µg/L	EPA 525.2	-88	-88			
2016/17-2	MO-OXN	srgt environ, rec	12/5/2016	Organic	Perylene-d12	n/a	=	44	%	EPA 525.2	-88	-88	30	118	
2016/17-2	MO-SIM	srgt environ	12/5/2016	Organic	Perylene-d12	n/a	=	1.79	µg/L	EPA 525.2	-88	-88			
2016/17-2	MO-SIM	srgt environ, rec	12/5/2016	Organic	Perylene-d12	n/a	=	36	%	EPA 525.2	-88	-88	30	118	
2016/17-2	MO-SPA	srgt environ	12/5/2016	Organic	Perylene-d12	n/a	=	2.16	µg/L	EPA 525.2	-88	-88			
2016/17-2	MO-SPA	srgt environ, rec	12/5/2016	Organic	Perylene-d12	n/a	=	43	%	EPA 525.2	-88	-88	30	118	
2016/17-2	MO-THO	srgt environ	12/6/2016	Organic	Perylene-d12	n/a	=	2.16	µg/L	EPA 525.2	-88	-88			
2016/17-2	MO-THO	srgt environ, rec	12/6/2016	Organic	Perylene-d12	n/a	=	43	%	EPA 525.2	-88	-88	30	118	
2016/17-2	MO-VEN	srgt environ	12/5/2016	Organic	Perylene-d12	n/a	=	1.83	µg/L	EPA 525.2	-88	-88			
2016/17-2	MO-VEN	srgt environ, rec	12/5/2016	Organic	Perylene-d12	n/a	=	37	%	EPA 525.2	-88	-88	30	118	
2016/17-2	Lab	method blank	12/10/2016	Organic	Phenanthrene	n/a	<	0.32	µg/L	EPA 625	0.32	1			
2016/17-2	Lab	LCS	12/10/2016	Organic	Phenanthrene	n/a	=	24.9	µg/L	EPA 625	0.32	1			
2016/17-2	Lab	LCS, rec	12/10/2016	Organic	Phenanthrene	n/a	=	100	%	EPA 625	-88	-88	54	120	
2016/17-2	Lab	LCS dup	12/10/2016	Organic	Phenanthrene	n/a	=	24.2	µg/L	EPA 625	0.32	1			
2016/17-2	Lab	LCS dup, rec	12/10/2016	Organic	Phenanthrene	n/a	=	97	%	EPA 625	-88	-88	54	120	
2016/17-2	Lab	LCS, RPD	12/10/2016	Organic	Phenanthrene	n/a	=	3	%	EPA 625	-88	-88	0	30	
2016/17-2	Lab	method blank	12/14/2016	Organic	Phenanthrene	n/a	<	0.32	µg/L	EPA 625	0.32	1			
2016/17-2	Lab	LCS	12/14/2016	Organic	Phenanthrene	n/a	=	22.7	µg/L	EPA 625	0.32	1			
2016/17-2	Lab	LCS, rec	12/14/2016	Organic	Phenanthrene	n/a	=	91	%	EPA 625	-88	-88	54	120	
2016/17-2	Lab	LCS dup	12/14/2016	Organic	Phenanthrene	n/a	=	21.9	µg/L	EPA 625	0.32	1			
2016/17-2	Lab	LCS dup, rec	12/14/2016	Organic	Phenanthrene	n/a	=	88	%	EPA 625	-88	-88	54	120	
2016/17-2	Lab	LCS, RPD	12/14/2016	Organic	Phenanthrene	n/a	=	4	%	EPA 625	-88	-88	0	30	
2016/17-2	Lab	method blank	12/15/2016	Organic	Phenanthrene	n/a	<	0.1	µg/L	EPA 8270C	0.1	0.1			
2016/17-2	Lab	LCS	12/16/2016	Organic	Phenanthrene	n/a	=	7.98	µg/L	EPA 8270C	0.1	0.1			
2016/17-2	Lab	LCS, rec	12/16/2016	Organic	Phenanthrene	n/a	=	80	%	EPA 8270C	-88	-88	21	131	
2016/17-2	Lab	LCS dup	12/16/2016	Organic	Phenanthrene	n/a	=	8.37	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	
2016/17-2	Lab	LCS dup, rec	12/16/2016	Organic	Phenanthrene	n/a	=	84	%	EPA 8270C	-88	-88	21	131	
2016/17-2	Lab	LCS, RPD	12/16/2016	Organic	Phenanthrene	n/a	=	5	%	EPA 8270C	-88	-88	0	30	
2016/17-2	Lab	method blank	12/10/2016	Organic	Phenol	n/a	<	0.16	µg/L	EPA 625	0.16	1			
2016/17-2	Lab	LCS	12/10/2016	Organic	Phenol	n/a	=	10.8	µg/L	EPA 625	0.16	1			
2016/17-2	Lab	LCS, rec	12/10/2016	Organic	Phenol	n/a	=	43	%	EPA 625	-88	-88	5	112	
2016/17-2	Lab	LCS dup	12/10/2016	Organic	Phenol	n/a	=	9.82	µg/L	EPA 625	0.16	1			
2016/17-2	Lab	LCS dup, rec	12/10/2016	Organic	Phenol	n/a	=	39	%	EPA 625	-88	-88	5	112	
2016/17-2	Lab	LCS, RPD	12/10/2016	Organic	Phenol	n/a	=	9	%	EPA 625	-88	-88	0	30	
2016/17-2	Lab	method blank	12/14/2016	Organic	Phenol	n/a	<	0.16	µg/L	EPA 625	0.16	1			
2016/17-2	Lab	LCS	12/14/2016	Organic	Phenol	n/a	=	9.48	µg/L	EPA 625	0.16	1			
2016/17-2	Lab	LCS, rec	12/14/2016	Organic	Phenol	n/a	=	38	%	EPA 625	-88	-88	5	112	
2016/17-2	Lab	LCS dup	12/14/2016	Organic	Phenol	n/a	=	8.91	µg/L	EPA 625	0.16	1			
2016/17-2	Lab	LCS dup, rec	12/14/2016	Organic	Phenol	n/a	=	36	%	EPA 625	-88	-88	5	112	
2016/17-2	Lab	LCS, RPD	12/14/2016	Organic	Phenol	n/a	=	6	%	EPA 625	-88	-88	0	30	
2016/17-2	Lab	method blank	12/21/2016	Organic	Phenol	n/a	<	0.35	µg/L	EPA 8270C	0.35	1			
2016/17-2	Lab	LCS	12/21/2016	Organic	Phenol	n/a	=	2.4	µg/L	EPA 8270C	0.35	1			
2016/17-2	Lab	LCS, rec	12/21/2016	Organic	Phenol	n/a	=	24	%	EPA 8270C	-88	-88	6	43	
2016/17-2	Lab	LCS dup	12/21/2016	Organic	Phenol	n/a	=	2.68	µg/L	EPA 8270C	0.35	1			
2016/17-2	Lab	LCS dup, rec	12/21/2016	Organic	Phenol	n/a	=	27	%	EPA 8270C	-88	-88	6	43	
2016/17-2	Lab	LCS, RPD	12/21/2016	Organic	Phenol	n/a	=	11	%	EPA 8270C	-88	-88	0	30	
2016/17-2	Lab	srgt method blank	12/10/2016	Organic	Phenol-d5	n/a	=	19.7	µg/L	EPA 625	-88	-88			
2016/17-2	Lab	srgt method blank, rec	12/10/2016	Organic	Phenol-d5	n/a	=	39	%	EPA 625	-88	-88	0.1	53	
2016/17-2	Lab	srgt LCS	12/10/2016	Organic	Phenol-d5	n/a	=	21.1	µg/L	EPA 625	-88	-88			
2016/17-2	Lab	srgt LCS, rec	12/10/2016	Organic	Phenol-d5	n/a	=	42	%	EPA 625	-88	-88	0.1	53	
2016/17-2	Lab	srgt LCS dup	12/10/2016	Organic	Phenol-d5	n/a	=	19.3	µg/L	EPA 625	-88	-88			
2016/17-2	Lab	srgt LCS dup, rec	12/10/2016	Organic	Phenol-d5	n/a	=	39	%	EPA 625	-88	-88	0.1	53	
2016/17-2	Lab	srgt method blank	12/14/2016	Organic	Phenol-d5	n/a	=	17.8	µg/L	EPA 625	-88	-88			
2016/17-2	Lab	srgt method blank, rec	12/14/2016	Organic	Phenol-d5	n/a	=	36	%	EPA 625	-88	-88	0.1	53	
2016/17-2	Lab	srgt LCS	12/14/2016	Organic	Phenol-d5	n/a	=	19	µg/L	EPA 625	-88	-88			
2016/17-2	Lab	srgt LCS, rec	12/14/2016	Organic	Phenol-d5	n/a	=	38	%	EPA 625	-88	-88	0.1	53	
2016/17-2	Lab	srgt LCS dup	12/14/2016	Organic	Phenol-d5	n/a	=	17	µg/L	EPA 625	-88	-88			
2016/17-2	Lab	srgt LCS dup, rec	12/14/2016	Organic	Phenol-d5	n/a	=	34	%	EPA 625	-88	-88	0.1	53	
2016/17-2	Lab	srgt method blank	12/21/2016	Organic	Phenol-d5	n/a	=	16.2	µg/L	EPA 8270C	-88	-88			
2016/17-2	Lab	srgt method blank, rec	12/21/2016	Organic	Phenol-d5	n/a	=	32	%	EPA 8270C	-88	-88	5	46	
2016/17-2	Lab	srgt LCS	12/21/2016	Organic	Phenol-d5	n/a	=	2.42	µg/L	EPA 8270C	-88	-88			
2016/17-2	Lab	srgt LCS, rec	12/21/2016	Organic	Phenol-d5	n/a	=	24	%	EPA 8270C	-88	-88	5	46	
2016/17-2	Lab	srgt LCS dup	12/21/2016	Organic	Phenol-d5	n/a	=	2.69	µg/L	EPA 8270C	-88	-88			
2016/17-2	Lab	srgt LCS dup, rec	12/21/2016	Organic	Phenol-d5	n/a	=	27	%	EPA 8270C	-88	-88	5	46	
2016/17-2	ME-CC	srgt environ	12/14/2016	Organic	Phenol-d5	n/a	=	15	µg/L	EPA 625	-88	-88			
2016/17-2	ME-CC	srgt environ, rec	12/14/2016	Organic	Phenol-d5	n/a	=	30	%	EPA 625	-88	-88	0.1	53	
2016/17-2	ME-CC	srgt environ	12/21/2016	Organic	Phenol-d5	n/a	=	2.28	µg/L	EPA 8270C	-88	-88			
2016/17-2	ME-CC	srgt environ, rec	12/21/2016	Organic	Phenol-d5	n/a	=	23	%	EPA 8270C	-88	-88	5	46	
2016/17-2	ME-VR2	srgt environ	12/14/2016	Organic	Phenol-d5	n/a	=	16.3	µg/L	EPA 625	-88	-88			
2016/17-2	ME-VR2	srgt environ, rec	12/14/2016	Organic	Phenol-d5	n/a	=	33	%	EPA 625	-88	-88	0.1	53	
2016/17-2	ME-VR2	srgt environ	12/21/2016	Organic	Phenol-d5	n/a	=	2.68	µg/L	EPA 8270C	-88	-88			
2016/17-2	ME-VR2	srgt environ, rec	12/21/2016	Organic	Phenol-d5	n/a	=	27	%	EPA 8270C	-88	-88	5	46	
2016/17-2	MO-CAM	srgt environ	12/10/2016	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	
2016/17-2	MO-CAM	srgt environ, rec	12/10/2016	Organic	Phenol-d5	n/a	=	29	%	EPA 625	-88	-88	0.1	53	
2016/17-2	MO-CAM	srgt environ	12/21/2016	Organic	Phenol-d5	n/a	=	1.05	µg/L	EPA 8270C	-88	-88			
2016/17-2	MO-CAM	srgt environ, rec	12/21/2016	Organic	Phenol-d5	n/a	=	10	%	EPA 8270C	-88	-88	5	46	
2016/17-2	MO-FIL	srgt environ	12/14/2016	Organic	Phenol-d5	n/a	=	17.5	µg/L	EPA 625	-88	-88			
2016/17-2	MO-FIL	srgt environ, rec	12/14/2016	Organic	Phenol-d5	n/a	=	35	%	EPA 625	-88	-88	0.1	53	
2016/17-2	MO-FIL	srgt environ	12/21/2016	Organic	Phenol-d5	n/a	=	1.8	µg/L	EPA 8270C	-88	-88			
2016/17-2	MO-FIL	srgt environ, rec	12/21/2016	Organic	Phenol-d5	n/a	=	18	%	EPA 8270C	-88	-88	5	46	
2016/17-2	MO-HUE	srgt environ	12/14/2016	Organic	Phenol-d5	n/a	=	13.4	µg/L	EPA 625	-88	-88			
2016/17-2	MO-HUE	srgt environ, rec	12/14/2016	Organic	Phenol-d5	n/a	=	27	%	EPA 625	-88	-88	0.1	53	
2016/17-2	MO-HUE	srgt environ	12/22/2016	Organic	Phenol-d5	n/a	=	0.6	µg/L	EPA 8270C	-88	-88			
2016/17-2	MO-HUE	srgt environ, rec	12/22/2016	Organic	Phenol-d5	n/a	=	6	%	EPA 8270C	-88	-88	5	46	
2016/17-2	MO-MPK	srgt environ	12/14/2016	Organic	Phenol-d5	n/a	=	12.8	µg/L	EPA 625	-88	-88			
2016/17-2	MO-MPK	srgt environ, rec	12/14/2016	Organic	Phenol-d5	n/a	=	26	%	EPA 625	-88	-88	0.1	53	
2016/17-2	MO-MPK	srgt environ	12/21/2016	Organic	Phenol-d5	n/a	<	0	µg/L	EPA 8270C	-88	-88			GN
2016/17-2	MO-MPK	srgt environ, rec	12/21/2016	Organic	Phenol-d5	n/a	=	0	%	EPA 8270C	-88	-88	5	46	GN
2016/17-2	MO-OXN	srgt environ	12/14/2016	Organic	Phenol-d5	n/a	=	10.2	µg/L	EPA 625	-88	-88			
2016/17-2	MO-OXN	srgt environ, rec	12/14/2016	Organic	Phenol-d5	n/a	=	20	%	EPA 625	-88	-88	0.1	53	
2016/17-2	MO-OXN	srgt environ	12/22/2016	Organic	Phenol-d5	n/a	=	1.5	µg/L	EPA 8270C	-88	-88			
2016/17-2	MO-OXN	srgt environ, rec	12/22/2016	Organic	Phenol-d5	n/a	=	15	%	EPA 8270C	-88	-88	5	46	
2016/17-2	MO-SIM	srgt environ	12/10/2016	Organic	Phenol-d5	n/a	=	16	µg/L	EPA 625	-88	-88			
2016/17-2	MO-SIM	srgt environ, rec	12/10/2016	Organic	Phenol-d5	n/a	=	32	%	EPA 625	-88	-88	0.1	53	
2016/17-2	MO-SIM	srgt environ	12/21/2016	Organic	Phenol-d5	n/a	=	1.75	µg/L	EPA 8270C	-88	-88			
2016/17-2	MO-SIM	srgt environ, rec	12/21/2016	Organic	Phenol-d5	n/a	=	18	%	EPA 8270C	-88	-88	5	46	
2016/17-2	MO-SPA	srgt environ	12/10/2016	Organic	Phenol-d5	n/a	=	14.4	µg/L	EPA 625	-88	-88			
2016/17-2	MO-SPA	srgt environ, rec	12/10/2016	Organic	Phenol-d5	n/a	=	29	%	EPA 625	-88	-88	0.1	53	
2016/17-2	MO-SPA	srgt environ	12/21/2016	Organic	Phenol-d5	n/a	=	1.25	µg/L	EPA 8270C	-88	-88			
2016/17-2	MO-SPA	srgt environ, rec	12/21/2016	Organic	Phenol-d5	n/a	=	12	%	EPA 8270C	-88	-88	5	46	
2016/17-2	MO-THO	srgt environ	12/14/2016	Organic	Phenol-d5	n/a	=	8.25	µg/L	EPA 625	-88	-88			
2016/17-2	MO-THO	srgt environ, rec	12/14/2016	Organic	Phenol-d5	n/a	=	16	%	EPA 625	-88	-88	0.1	53	
2016/17-2	MO-THO	srgt environ	12/21/2016	Organic	Phenol-d5	n/a	=	1.15	µg/L	EPA 8270C	-88	-88			
2016/17-2	MO-THO	srgt environ, rec	12/21/2016	Organic	Phenol-d5	n/a	=	12	%	EPA 8270C	-88	-88	5	46	
2016/17-2	MO-VEN	srgt environ	12/10/2016	Organic	Phenol-d5	n/a	=	14.3	µg/L	EPA 625	-88	-88			
2016/17-2	MO-VEN	srgt environ, rec	12/10/2016	Organic	Phenol-d5	n/a	=	29	%	EPA 625	-88	-88	0.1	53	
2016/17-2	MO-VEN	srgt environ	12/21/2016	Organic	Phenol-d5	n/a	=	0.8	µg/L	EPA 8270C	-88	-88			
2016/17-2	MO-VEN	srgt environ, rec	12/21/2016	Organic	Phenol-d5	n/a	=	8	%	EPA 8270C	-88	-88	5	46	
2016/17-2	Lab	srgt method blank	12/10/2016	Organic	p-Terphenyl-d14	n/a	=	15.1	µg/L	EPA 625	-88	-88			
2016/17-2	Lab	srgt method blank, rec	12/10/2016	Organic	p-Terphenyl-d14	n/a	=	60	%	EPA 625	-88	-88	28	113	
2016/17-2	Lab	srgt LCS	12/10/2016	Organic	p-Terphenyl-d14	n/a	=	17.6	µg/L	EPA 625	-88	-88			
2016/17-2	Lab	srgt LCS, rec	12/10/2016	Organic	p-Terphenyl-d14	n/a	=	70	%	EPA 625	-88	-88	28	113	
2016/17-2	Lab	srgt LCS dup	12/10/2016	Organic	p-Terphenyl-d14	n/a	=	18.2	µg/L	EPA 625	-88	-88			
2016/17-2	Lab	srgt LCS dup, rec	12/10/2016	Organic	p-Terphenyl-d14	n/a	=	73	%	EPA 625	-88	-88	28	113	
2016/17-2	Lab	srgt method blank	12/14/2016	Organic	p-Terphenyl-d14	n/a	=	17.4	µg/L	EPA 625	-88	-88			
2016/17-2	Lab	srgt method blank, rec	12/14/2016	Organic	p-Terphenyl-d14	n/a	=	70	%	EPA 625	-88	-88	28	113	
2016/17-2	Lab	srgt LCS	12/14/2016	Organic	p-Terphenyl-d14	n/a	=	20.8	µg/L	EPA 625	-88	-88			
2016/17-2	Lab	srgt LCS, rec	12/14/2016	Organic	p-Terphenyl-d14	n/a	=	83	%	EPA 625	-88	-88	28	113	
2016/17-2	Lab	srgt LCS dup	12/14/2016	Organic	p-Terphenyl-d14	n/a	=	19.8	µg/L	EPA 625	-88	-88			
2016/17-2	Lab	srgt LCS dup, rec	12/14/2016	Organic	p-Terphenyl-d14	n/a	=	79	%	EPA 625	-88	-88	28	113	

Appendix F
Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2016/17-2	Lab	srgt method blank	12/15/2016	Organic	p-Terphenyl-d14	n/a	=	21.3	µg/L	EPA 8270C	-88	-88			
2016/17-2	Lab	srgt method blank, rec	12/15/2016	Organic	p-Terphenyl-d14	n/a	=	85	%	EPA 8270C	-88	-88	19	134	
2016/17-2	Lab	srgt LCS	12/16/2016	Organic	p-Terphenyl-d14	n/a	=	3.56	µg/L	EPA 8270C	-88	-88			
2016/17-2	Lab	srgt LCS, rec	12/16/2016	Organic	p-Terphenyl-d14	n/a	=	71	%	EPA 8270C	-88	-88	19	134	
2016/17-2	Lab	srgt LCS dup	12/16/2016	Organic	p-Terphenyl-d14	n/a	=	3.39	µg/L	EPA 8270C	-88	-88			
2016/17-2	Lab	srgt LCS dup, rec	12/16/2016	Organic	p-Terphenyl-d14	n/a	=	68	%	EPA 8270C	-88	-88	19	134	
2016/17-2	ME-CC	srgt environ	12/14/2016	Organic	p-Terphenyl-d14	n/a	=	16.3	µg/L	EPA 625	-88	-88			
2016/17-2	ME-CC	srgt environ, rec	12/14/2016	Organic	p-Terphenyl-d14	n/a	=	65	%	EPA 625	-88	-88	28	113	
2016/17-2	ME-CC	srgt environ	12/16/2016	Organic	p-Terphenyl-d14	n/a	=	3.11	µg/L	EPA 8270C	-88	-88			
2016/17-2	ME-CC	srgt environ, rec	12/16/2016	Organic	p-Terphenyl-d14	n/a	=	62	%	EPA 8270C	-88	-88	19	134	
2016/17-2	ME-VR2	srgt environ	12/14/2016	Organic	p-Terphenyl-d14	n/a	=	17.9	µg/L	EPA 625	-88	-88			
2016/17-2	ME-VR2	srgt environ, rec	12/14/2016	Organic	p-Terphenyl-d14	n/a	=	71	%	EPA 625	-88	-88	28	113	
2016/17-2	ME-VR2	srgt environ	12/16/2016	Organic	p-Terphenyl-d14	n/a	=	3.82	µg/L	EPA 8270C	-88	-88			
2016/17-2	ME-VR2	srgt environ, rec	12/16/2016	Organic	p-Terphenyl-d14	n/a	=	76	%	EPA 8270C	-88	-88	19	134	
2016/17-2	MO-CAM	srgt environ	12/10/2016	Organic	p-Terphenyl-d14	n/a	=	11.2	µg/L	EPA 625	-88	-88			
2016/17-2	MO-CAM	srgt environ, rec	12/10/2016	Organic	p-Terphenyl-d14	n/a	=	45	%	EPA 625	-88	-88	28	113	
2016/17-2	MO-CAM	srgt environ	12/16/2016	Organic	p-Terphenyl-d14	n/a	=	4.21	µg/L	EPA 8270C	-88	-88			
2016/17-2	MO-CAM	srgt environ, rec	12/16/2016	Organic	p-Terphenyl-d14	n/a	=	84	%	EPA 8270C	-88	-88	19	134	
2016/17-2	MO-FIL	srgt environ	12/14/2016	Organic	p-Terphenyl-d14	n/a	=	18.7	µg/L	EPA 625	-88	-88			
2016/17-2	MO-FIL	srgt environ, rec	12/14/2016	Organic	p-Terphenyl-d14	n/a	=	75	%	EPA 625	-88	-88	28	113	
2016/17-2	MO-FIL	srgt environ	12/16/2016	Organic	p-Terphenyl-d14	n/a	=	3.1	µg/L	EPA 8270C	-88	-88			
2016/17-2	MO-FIL	srgt environ, rec	12/16/2016	Organic	p-Terphenyl-d14	n/a	=	62	%	EPA 8270C	-88	-88	19	134	
2016/17-2	MO-HUE	srgt environ	12/14/2016	Organic	p-Terphenyl-d14	n/a	=	14.2	µg/L	EPA 625	-88	-88			
2016/17-2	MO-HUE	srgt environ, rec	12/14/2016	Organic	p-Terphenyl-d14	n/a	=	57	%	EPA 625	-88	-88	28	113	
2016/17-2	MO-HUE	srgt environ	12/16/2016	Organic	p-Terphenyl-d14	n/a	=	3.73	µg/L	EPA 8270C	-88	-88			
2016/17-2	MO-HUE	srgt environ, rec	12/16/2016	Organic	p-Terphenyl-d14	n/a	=	75	%	EPA 8270C	-88	-88	19	134	
2016/17-2	MO-MPK	srgt environ	12/14/2016	Organic	p-Terphenyl-d14	n/a	=	15.4	µg/L	EPA 625	-88	-88			
2016/17-2	MO-MPK	srgt environ, rec	12/14/2016	Organic	p-Terphenyl-d14	n/a	=	62	%	EPA 625	-88	-88	28	113	
2016/17-2	MO-MPK	srgt environ	12/16/2016	Organic	p-Terphenyl-d14	n/a	=	3.45	µg/L	EPA 8270C	-88	-88			
2016/17-2	MO-MPK	srgt environ, rec	12/16/2016	Organic	p-Terphenyl-d14	n/a	=	69	%	EPA 8270C	-88	-88	19	134	
2016/17-2	MO-OXN	srgt environ	12/14/2016	Organic	p-Terphenyl-d14	n/a	=	13.3	µg/L	EPA 625	-88	-88			
2016/17-2	MO-OXN	srgt environ, rec	12/14/2016	Organic	p-Terphenyl-d14	n/a	=	53	%	EPA 625	-88	-88	28	113	
2016/17-2	MO-OXN	srgt environ	12/16/2016	Organic	p-Terphenyl-d14	n/a	=	3.49	µg/L	EPA 8270C	-88	-88			
2016/17-2	MO-OXN	srgt environ, rec	12/16/2016	Organic	p-Terphenyl-d14	n/a	=	70	%	EPA 8270C	-88	-88	19	134	
2016/17-2	MO-SIM	srgt environ	12/10/2016	Organic	p-Terphenyl-d14	n/a	=	12.5	µg/L	EPA 625	-88	-88			
2016/17-2	MO-SIM	srgt environ, rec	12/10/2016	Organic	p-Terphenyl-d14	n/a	=	50	%	EPA 625	-88	-88	28	113	
2016/17-2	MO-SIM	srgt environ	12/16/2016	Organic	p-Terphenyl-d14	n/a	=	3.07	µg/L	EPA 8270C	-88	-88			
2016/17-2	MO-SIM	srgt environ, rec	12/16/2016	Organic	p-Terphenyl-d14	n/a	=	61	%	EPA 8270C	-88	-88	19	134	
2016/17-2	MO-SPA	srgt environ	12/10/2016	Organic	p-Terphenyl-d14	n/a	=	11.8	µg/L	EPA 625	-88	-88			
2016/17-2	MO-SPA	srgt environ, rec	12/10/2016	Organic	p-Terphenyl-d14	n/a	=	47	%	EPA 625	-88	-88	28	113	
2016/17-2	MO-SPA	srgt environ	12/16/2016	Organic	p-Terphenyl-d14	n/a	=	4.04	µg/L	EPA 8270C	-88	-88			
2016/17-2	MO-SPA	srgt environ, rec	12/16/2016	Organic	p-Terphenyl-d14	n/a	=	81	%	EPA 8270C	-88	-88	19	134	
2016/17-2	MO-THO	srgt environ	12/14/2016	Organic	p-Terphenyl-d14	n/a	=	12.8	µg/L	EPA 625	-88	-88			
2016/17-2	MO-THO	srgt environ, rec	12/14/2016	Organic	p-Terphenyl-d14	n/a	=	51	%	EPA 625	-88	-88	28	113	
2016/17-2	MO-THO	srgt environ	12/16/2016	Organic	p-Terphenyl-d14	n/a	=	3.36	µg/L	EPA 8270C	-88	-88			
2016/17-2	MO-THO	srgt environ, rec	12/16/2016	Organic	p-Terphenyl-d14	n/a	=	67	%	EPA 8270C	-88	-88	19	134	
2016/17-2	MO-VEN	srgt environ	12/10/2016	Organic	p-Terphenyl-d14	n/a	=	11.4	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	
2016/17-2	MO-VEN	srgt environ, rec	12/10/2016	Organic	p-Terphenyl-d14	n/a	=	46	%	EPA 625	-88	-88	28	113	
2016/17-2	MO-VEN	srgt environ	12/16/2016	Organic	p-Terphenyl-d14	n/a	=	3.53	µg/L	EPA 8270C	-88	-88			
2016/17-2	MO-VEN	srgt environ, rec	12/16/2016	Organic	p-Terphenyl-d14	n/a	=	71	%	EPA 8270C	-88	-88	19	134	
2016/17-2	Lab	method blank	12/10/2016	Organic	Pyrene	n/a	<	0.25	µg/L	EPA 625	0.25	1			
2016/17-2	Lab	LCS	12/10/2016	Organic	Pyrene	n/a	=	22.8	µg/L	EPA 625	0.25	1			
2016/17-2	Lab	LCS, rec	12/10/2016	Organic	Pyrene	n/a	=	91	%	EPA 625	-88	-88	52	115	
2016/17-2	Lab	LCS dup	12/10/2016	Organic	Pyrene	n/a	=	23.2	µg/L	EPA 625	0.25	1			
2016/17-2	Lab	LCS dup, rec	12/10/2016	Organic	Pyrene	n/a	=	93	%	EPA 625	-88	-88	52	115	
2016/17-2	Lab	LCS, RPD	12/10/2016	Organic	Pyrene	n/a	=	2	%	EPA 625	-88	-88	0	30	
2016/17-2	Lab	method blank	12/14/2016	Organic	Pyrene	n/a	<	0.25	µg/L	EPA 625	0.25	1			
2016/17-2	Lab	LCS	12/14/2016	Organic	Pyrene	n/a	=	24	µg/L	EPA 625	0.25	1			
2016/17-2	Lab	LCS, rec	12/14/2016	Organic	Pyrene	n/a	=	96	%	EPA 625	-88	-88	52	115	
2016/17-2	Lab	LCS dup	12/14/2016	Organic	Pyrene	n/a	=	25.5	µg/L	EPA 625	0.25	1			
2016/17-2	Lab	LCS dup, rec	12/14/2016	Organic	Pyrene	n/a	=	102	%	EPA 625	-88	-88	52	115	
2016/17-2	Lab	LCS, RPD	12/14/2016	Organic	Pyrene	n/a	=	6	%	EPA 625	-88	-88	0	30	
2016/17-2	Lab	method blank	12/15/2016	Organic	Pyrene	n/a	<	0.1	µg/L	EPA 8270C	0.1	0.1			
2016/17-2	Lab	LCS	12/16/2016	Organic	Pyrene	n/a	=	8.17	µg/L	EPA 8270C	0.1	0.1			
2016/17-2	Lab	LCS, rec	12/16/2016	Organic	Pyrene	n/a	=	82	%	EPA 8270C	-88	-88	26	128	
2016/17-2	Lab	LCS dup	12/16/2016	Organic	Pyrene	n/a	=	8.1	µg/L	EPA 8270C	0.1	0.1			
2016/17-2	Lab	LCS dup, rec	12/16/2016	Organic	Pyrene	n/a	=	81	%	EPA 8270C	-88	-88	26	128	
2016/17-2	Lab	LCS, RPD	12/16/2016	Organic	Pyrene	n/a	=	0.8	%	EPA 8270C	-88	-88	0	30	
2016/17-2	000NONPJ	srgt matrix spike	12/22/2016	Organic	Tetrachloro-m-xylene (TCMX)	n/a	=	0.0556	µg/L	EPA 608	-88	-88			
2016/17-2	000NONPJ	srgt matrix spike, rec	12/22/2016	Organic	Tetrachloro-m-xylene (TCMX)	n/a	=	50	%	EPA 608	-88	-88	12	117	
2016/17-2	000NONPJ	srgt matrix spike dup	12/22/2016	Organic	Tetrachloro-m-xylene (TCMX)	n/a	=	0.0501	µg/L	EPA 608	-88	-88			
2016/17-2	000NONPJ	srgt matrix spike dup, rec	12/22/2016	Organic	Tetrachloro-m-xylene (TCMX)	n/a	=	45	%	EPA 608	-88	-88	12	117	
2016/17-2	Lab	srgt method blank	12/20/2016	Organic	Tetrachloro-m-xylene (TCMX)	n/a	=	0.103	µg/L	EPA 608	-88	-88			
2016/17-2	Lab	srgt method blank, rec	12/20/2016	Organic	Tetrachloro-m-xylene (TCMX)	n/a	=	103	%	EPA 608	-88	-88	12	117	
2016/17-2	Lab	srgt LCS	12/20/2016	Organic	Tetrachloro-m-xylene (TCMX)	n/a	=	0.0938	µg/L	EPA 608	-88	-88			
2016/17-2	Lab	srgt LCS, rec	12/20/2016	Organic	Tetrachloro-m-xylene (TCMX)	n/a	=	94	%	EPA 608	-88	-88	12	117	
2016/17-2	Lab	srgt LCS dup	12/20/2016	Organic	Tetrachloro-m-xylene (TCMX)	n/a	=	0.0919	µg/L	EPA 608	-88	-88			
2016/17-2	Lab	srgt LCS dup, rec	12/20/2016	Organic	Tetrachloro-m-xylene (TCMX)	n/a	=	92	%	EPA 608	-88	-88	12	117	
2016/17-2	Lab	srgt method blank	12/22/2016	Organic	Tetrachloro-m-xylene (TCMX)	n/a	=	0.0805	µg/L	EPA 608	-88	-88			
2016/17-2	Lab	srgt method blank, rec	12/22/2016	Organic	Tetrachloro-m-xylene (TCMX)	n/a	=	81	%	EPA 608	-88	-88	12	117	
2016/17-2	Lab	srgt LCS	12/22/2016	Organic	Tetrachloro-m-xylene (TCMX)	n/a	=	0.0819	µg/L	EPA 608	-88	-88			
2016/17-2	Lab	srgt LCS, rec	12/22/2016	Organic	Tetrachloro-m-xylene (TCMX)	n/a	=	82	%	EPA 608	-88	-88	12	117	
2016/17-2	Lab	srgt method blank	12/23/2016	Organic	Tetrachloro-m-xylene (TCMX)	n/a	=	0.0733	µg/L	EPA 608	-88	-88			
2016/17-2	Lab	srgt method blank, rec	12/23/2016	Organic	Tetrachloro-m-xylene (TCMX)	n/a	=	73	%	EPA 608	-88	-88	12	117	
2016/17-2	Lab	srgt LCS	12/23/2016	Organic	Tetrachloro-m-xylene (TCMX)	n/a	=	0.0721	µg/L	EPA 608	-88	-88			
2016/17-2	Lab	srgt LCS, rec	12/23/2016	Organic	Tetrachloro-m-xylene (TCMX)	n/a	=	72	%	EPA 608	-88	-88	12	117	
2016/17-2	Lab	srgt LCS dup	12/23/2016	Organic	Tetrachloro-m-xylene (TCMX)	n/a	=	0.0867	µg/L	EPA 608	-88	-88			
2016/17-2	Lab	srgt LCS dup, rec	12/23/2016	Organic	Tetrachloro-m-xylene (TCMX)	n/a	=	87	%	EPA 608	-88	-88	12	117	
2016/17-2	ME-CC	srgt environ	12/22/2016	Organic	Tetrachloro-m-xylene (TCMX)	n/a	=	0.0597	µg/L	EPA 608	-88	-88			
2016/17-2	ME-CC	srgt environ, rec	12/22/2016	Organic	Tetrachloro-m-xylene (TCMX)	n/a	=	60	%	EPA 608	-88	-88	12	117	
2016/17-2	ME-VR2	srgt environ	12/22/2016	Organic	Tetrachloro-m-xylene (TCMX)	n/a	=	0.0823	µg/L	EPA 608	-88	-88			
2016/17-2	ME-VR2	srgt environ, rec	12/22/2016	Organic	Tetrachloro-m-xylene (TCMX)	n/a	=	82	%	EPA 608	-88	-88	12	117	
2016/17-2	MO-CAM	srgt environ	12/23/2016	Organic	Tetrachloro-m-xylene (TCMX)	n/a	=	0.0286	µg/L	EPA 608	-88	-88			
2016/17-2	MO-CAM	srgt environ, rec	12/23/2016	Organic	Tetrachloro-m-xylene (TCMX)	n/a	=	29	%	EPA 608	-88	-88	12	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	
2016/17-2	MO-FIL	srgt environ	12/23/2016	Organic	Tetrachloro-m-xylene (TCMX)	n/a	=	0.0536	µg/L	EPA 608	-88	-88			
2016/17-2	MO-FIL	srgt environ, rec	12/23/2016	Organic	Tetrachloro-m-xylene (TCMX)	n/a	=	54	%	EPA 608	-88	-88	12	117	
2016/17-2	MO-HUE	srgt environ	12/20/2016	Organic	Tetrachloro-m-xylene (TCMX)	n/a	=	0.0614	µg/L	EPA 608	-88	-88			
2016/17-2	MO-HUE	srgt environ, rec	12/20/2016	Organic	Tetrachloro-m-xylene (TCMX)	n/a	=	61	%	EPA 608	-88	-88	12	117	
2016/17-2	MO-MEI	srgt environ	12/23/2016	Organic	Tetrachloro-m-xylene (TCMX)	n/a	=	0.0486	µg/L	EPA 608	-88	-88			
2016/17-2	MO-MEI	srgt environ, rec	12/23/2016	Organic	Tetrachloro-m-xylene (TCMX)	n/a	=	49	%	EPA 608	-88	-88	12	117	
2016/17-2	MO-MPK	srgt environ	12/23/2016	Organic	Tetrachloro-m-xylene (TCMX)	n/a	=	0.0502	µg/L	EPA 608	-88	-88			
2016/17-2	MO-MPK	srgt environ, rec	12/23/2016	Organic	Tetrachloro-m-xylene (TCMX)	n/a	=	50	%	EPA 608	-88	-88	12	117	
2016/17-2	MO-OXN	srgt environ	12/23/2016	Organic	Tetrachloro-m-xylene (TCMX)	n/a	=	0.0386	µg/L	EPA 608	-88	-88			
2016/17-2	MO-OXN	srgt environ, rec	12/23/2016	Organic	Tetrachloro-m-xylene (TCMX)	n/a	=	39	%	EPA 608	-88	-88	12	117	
2016/17-2	MO-SIM	srgt environ	12/23/2016	Organic	Tetrachloro-m-xylene (TCMX)	n/a	=	0.0345	µg/L	EPA 608	-88	-88			
2016/17-2	MO-SIM	srgt environ, rec	12/23/2016	Organic	Tetrachloro-m-xylene (TCMX)	n/a	=	34	%	EPA 608	-88	-88	12	117	
2016/17-2	MO-SPA	srgt environ	12/23/2016	Organic	Tetrachloro-m-xylene (TCMX)	n/a	=	0.0425	µg/L	EPA 608	-88	-88			
2016/17-2	MO-SPA	srgt environ, rec	12/23/2016	Organic	Tetrachloro-m-xylene (TCMX)	n/a	=	43	%	EPA 608	-88	-88	12	117	
2016/17-2	MO-THO	srgt environ	12/23/2016	Organic	Tetrachloro-m-xylene (TCMX)	n/a	=	0.053	µg/L	EPA 608	-88	-88			
2016/17-2	MO-THO	srgt environ, rec	12/23/2016	Organic	Tetrachloro-m-xylene (TCMX)	n/a	=	53	%	EPA 608	-88	-88	12	117	
2016/17-2	MO-VEN	srgt environ	12/23/2016	Organic	Tetrachloro-m-xylene (TCMX)	n/a	=	0.0457	µg/L	EPA 608	-88	-88			
2016/17-2	MO-VEN	srgt environ, rec	12/23/2016	Organic	Tetrachloro-m-xylene (TCMX)	n/a	=	46	%	EPA 608	-88	-88	12	117	
2016/17-2	Lab	srgt LCS	11/22/2016	Organic	Toluene-d8	n/a	=	49.5	µg/L	EPA 624	-88	-88			
2016/17-2	Lab	srgt LCS, rec	11/22/2016	Organic	Toluene-d8	n/a	=	99	%	EPA 624	-88	-88	92	112	
2016/17-2	Lab	srgt LCS dup	11/22/2016	Organic	Toluene-d8	n/a	=	49.5	µg/L	EPA 624	-88	-88			
2016/17-2	Lab	srgt LCS dup, rec	11/22/2016	Organic	Toluene-d8	n/a	=	99	%	EPA 624	-88	-88	92	112	
2016/17-2	Lab	srgt method blank	11/23/2016	Organic	Toluene-d8	n/a	=	50.3	µg/L	EPA 624	-88	-88			
2016/17-2	Lab	srgt method blank, rec	11/23/2016	Organic	Toluene-d8	n/a	=	101	%	EPA 624	-88	-88	92	112	
2016/17-2	Lab	srgt LCS	11/24/2016	Organic	Toluene-d8	n/a	=	49.7	µg/L	EPA 624	-88	-88			
2016/17-2	Lab	srgt LCS, rec	11/24/2016	Organic	Toluene-d8	n/a	=	99	%	EPA 624	-88	-88	92	112	
2016/17-2	Lab	srgt LCS dup	11/24/2016	Organic	Toluene-d8	n/a	=	49.8	µg/L	EPA 624	-88	-88			
2016/17-2	Lab	srgt LCS dup, rec	11/24/2016	Organic	Toluene-d8	n/a	=	100	%	EPA 624	-88	-88	92	112	
2016/17-2	Lab	srgt method blank	11/24/2016	Organic	Toluene-d8	n/a	=	49.4	µg/L	EPA 624	-88	-88			
2016/17-2	Lab	srgt method blank, rec	11/24/2016	Organic	Toluene-d8	n/a	=	99	%	EPA 624	-88	-88	92	112	
2016/17-2	Lab	srgt LCS dup	11/27/2016	Organic	Toluene-d8	n/a	=	50.2	µg/L	EPA 624	-88	-88			
2016/17-2	Lab	srgt LCS dup, rec	11/27/2016	Organic	Toluene-d8	n/a	=	100	%	EPA 624	-88	-88	92	112	
2016/17-2	Lab	srgt LCS	11/27/2016	Organic	Toluene-d8	n/a	=	50.2	µg/L	EPA 624	-88	-88			
2016/17-2	Lab	srgt LCS, rec	11/27/2016	Organic	Toluene-d8	n/a	=	100	%	EPA 624	-88	-88	92	112	
2016/17-2	Lab	srgt method blank	11/27/2016	Organic	Toluene-d8	n/a	=	50.6	µg/L	EPA 624	-88	-88			
2016/17-2	Lab	srgt method blank, rec	11/27/2016	Organic	Toluene-d8	n/a	=	101	%	EPA 624	-88	-88	92	112	
2016/17-2	ME-CC	srgt environ	11/23/2016	Organic	Toluene-d8	n/a	=	51.2	µg/L	EPA 624	-88	-88			
2016/17-2	ME-CC	srgt environ, rec	11/23/2016	Organic	Toluene-d8	n/a	=	102	%	EPA 624	-88	-88	92	112	
2016/17-2	ME-VR2	srgt environ	11/23/2016	Organic	Toluene-d8	n/a	=	50.7	µg/L	EPA 624	-88	-88			
2016/17-2	ME-VR2	srgt environ, rec	11/23/2016	Organic	Toluene-d8	n/a	=	101	%	EPA 624	-88	-88	92	112	
2016/17-2	MO-CAM	srgt environ	11/24/2016	Organic	Toluene-d8	n/a	=	49.7	µg/L	EPA 624	-88	-88			
2016/17-2	MO-CAM	srgt environ, rec	11/24/2016	Organic	Toluene-d8	n/a	=	99	%	EPA 624	-88	-88	92	112	
2016/17-2	MO-FIL	srgt environ	11/24/2016	Organic	Toluene-d8	n/a	=	50.6	µg/L	EPA 624	-88	-88			
2016/17-2	MO-FIL	srgt environ, rec	11/24/2016	Organic	Toluene-d8	n/a	=	101	%	EPA 624	-88	-88	92	112	
2016/17-2	MO-HUE	srgt environ	11/24/2016	Organic	Toluene-d8	n/a	=	49.6	µg/L	EPA 624	-88	-88			
2016/17-2	MO-HUE	srgt environ, rec	11/24/2016	Organic	Toluene-d8	n/a	=	99	%	EPA 624	-88	-88	92	112	
2016/17-2	MO-MEI	srgt environ	11/24/2016	Organic	Toluene-d8	n/a	=	49.9	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	
2016/17-2	MO-MEI	srgt environ, rec	11/24/2016	Organic	Toluene-d8	n/a	=	100	%	EPA 624	-88	-88	92	112	
2016/17-2	MO-MPK	srgt environ	11/27/2016	Organic	Toluene-d8	n/a	=	50.3	µg/L	EPA 624	-88	-88			
2016/17-2	MO-MPK	srgt environ, rec	11/27/2016	Organic	Toluene-d8	n/a	=	101	%	EPA 624	-88	-88	92	112	
2016/17-2	MO-OJA	srgt environ	11/24/2016	Organic	Toluene-d8	n/a	=	50.1	µg/L	EPA 624	-88	-88			
2016/17-2	MO-OJA	srgt environ, rec	11/24/2016	Organic	Toluene-d8	n/a	=	100	%	EPA 624	-88	-88	92	112	
2016/17-2	MO-OXN	srgt environ	11/24/2016	Organic	Toluene-d8	n/a	=	49.9	µg/L	EPA 624	-88	-88			
2016/17-2	MO-OXN	srgt environ, rec	11/24/2016	Organic	Toluene-d8	n/a	=	100	%	EPA 624	-88	-88	92	112	
2016/17-2	MO-SIM	srgt environ	11/24/2016	Organic	Toluene-d8	n/a	=	51.1	µg/L	EPA 624	-88	-88			
2016/17-2	MO-SIM	srgt environ, rec	11/24/2016	Organic	Toluene-d8	n/a	=	102	%	EPA 624	-88	-88	92	112	
2016/17-2	MO-SPA	srgt environ	11/24/2016	Organic	Toluene-d8	n/a	=	50.1	µg/L	EPA 624	-88	-88			
2016/17-2	MO-SPA	srgt environ, rec	11/24/2016	Organic	Toluene-d8	n/a	=	100	%	EPA 624	-88	-88	92	112	
2016/17-2	MO-THO	srgt environ	11/24/2016	Organic	Toluene-d8	n/a	=	50.7	µg/L	EPA 624	-88	-88			
2016/17-2	MO-THO	srgt environ, rec	11/24/2016	Organic	Toluene-d8	n/a	=	101	%	EPA 624	-88	-88	92	112	
2016/17-2	MO-VEN	srgt environ	11/24/2016	Organic	Toluene-d8	n/a	=	49.9	µg/L	EPA 624	-88	-88			
2016/17-2	MO-VEN	srgt environ, rec	11/24/2016	Organic	Toluene-d8	n/a	=	100	%	EPA 624	-88	-88	92	112	
2016/17-2	000NONPJ	srgt matrix spike	11/30/2016	Organic	Triphenylphosphate	n/a	=	0.442	µg/L	EPA 525.2m	-88	-88			
2016/17-2	000NONPJ	srgt matrix spike, rec	11/30/2016	Organic	Triphenylphosphate	n/a	=	88	%	EPA 525.2m	-88	-88	40	163	
2016/17-2	000NONPJ	srgt matrix spike dup	11/30/2016	Organic	Triphenylphosphate	n/a	=	0.446	µg/L	EPA 525.2m	-88	-88			
2016/17-2	000NONPJ	srgt matrix spike dup, rec	11/30/2016	Organic	Triphenylphosphate	n/a	=	89	%	EPA 525.2m	-88	-88	40	163	
2016/17-2	000NONPJ	srgt matrix spike	11/30/2016	Organic	Triphenylphosphate	n/a	=	0.554	µg/L	EPA 525.2m	-88	-88			
2016/17-2	000NONPJ	srgt matrix spike, rec	11/30/2016	Organic	Triphenylphosphate	n/a	=	111	%	EPA 525.2m	-88	-88	40	163	
2016/17-2	Lab	srgt method blank	11/30/2016	Organic	Triphenylphosphate	n/a	=	0.574	µg/L	EPA 525.2m	-88	-88			
2016/17-2	Lab	srgt method blank, rec	11/30/2016	Organic	Triphenylphosphate	n/a	=	115	%	EPA 525.2m	-88	-88	40	163	
2016/17-2	Lab	srgt LCS	11/30/2016	Organic	Triphenylphosphate	n/a	=	0.546	µg/L	EPA 525.2m	-88	-88			
2016/17-2	Lab	srgt LCS, rec	11/30/2016	Organic	Triphenylphosphate	n/a	=	109	%	EPA 525.2m	-88	-88	40	163	
2016/17-2	Lab	srgt method blank	11/30/2016	Organic	Triphenylphosphate	n/a	=	0.538	µg/L	EPA 525.2m	-88	-88			
2016/17-2	Lab	srgt method blank, rec	11/30/2016	Organic	Triphenylphosphate	n/a	=	108	%	EPA 525.2m	-88	-88	40	163	
2016/17-2	Lab	srgt LCS	11/30/2016	Organic	Triphenylphosphate	n/a	=	0.58	µg/L	EPA 525.2m	-88	-88			
2016/17-2	Lab	srgt LCS, rec	11/30/2016	Organic	Triphenylphosphate	n/a	=	116	%	EPA 525.2m	-88	-88	40	163	
2016/17-2	Lab	srgt method blank	12/5/2016	Organic	Triphenylphosphate	n/a	=	5.07	µg/L	EPA 525.2	-88	-88			
2016/17-2	Lab	srgt method blank, rec	12/5/2016	Organic	Triphenylphosphate	n/a	=	101	%	EPA 525.2	-88	-88	70	149	
2016/17-2	Lab	srgt LCS	12/5/2016	Organic	Triphenylphosphate	n/a	=	5.54	µg/L	EPA 525.2	-88	-88			
2016/17-2	Lab	srgt LCS, rec	12/5/2016	Organic	Triphenylphosphate	n/a	=	111	%	EPA 525.2	-88	-88	70	149	
2016/17-2	Lab	srgt LCS dup	12/5/2016	Organic	Triphenylphosphate	n/a	=	5.52	µg/L	EPA 525.2	-88	-88			
2016/17-2	Lab	srgt LCS dup, rec	12/5/2016	Organic	Triphenylphosphate	n/a	=	110	%	EPA 525.2	-88	-88	70	149	
2016/17-2	ME-CC	srgt environ	11/30/2016	Organic	Triphenylphosphate	n/a	=	0.468	µg/L	EPA 525.2m	-88	-88			
2016/17-2	ME-CC	srgt environ, rec	11/30/2016	Organic	Triphenylphosphate	n/a	=	94	%	EPA 525.2m	-88	-88	40	163	
2016/17-2	ME-CC	srgt environ	12/5/2016	Organic	Triphenylphosphate	n/a	=	7.28	µg/L	EPA 525.2	-88	-88			
2016/17-2	ME-CC	srgt environ, rec	12/5/2016	Organic	Triphenylphosphate	n/a	=	146	%	EPA 525.2	-88	-88	70	149	
2016/17-2	ME-VR2	srgt environ	11/30/2016	Organic	Triphenylphosphate	n/a	=	0.735	µg/L	EPA 525.2m	-88	-88			
2016/17-2	ME-VR2	srgt environ, rec	11/30/2016	Organic	Triphenylphosphate	n/a	=	147	%	EPA 525.2m	-88	-88	40	163	
2016/17-2	ME-VR2	srgt environ	12/5/2016	Organic	Triphenylphosphate	n/a	=	5.51	µg/L	EPA 525.2	-88	-88			
2016/17-2	ME-VR2	srgt environ, rec	12/5/2016	Organic	Triphenylphosphate	n/a	=	110	%	EPA 525.2	-88	-88	70	149	
2016/17-2	MO-CAM	srgt environ	12/1/2016	Organic	Triphenylphosphate	n/a	=	0.399	µg/L	EPA 525.2m	-88	-88			
2016/17-2	MO-CAM	srgt environ, rec	12/1/2016	Organic	Triphenylphosphate	n/a	=	80	%	EPA 525.2m	-88	-88	40	163	
2016/17-2	MO-CAM	srgt environ	12/5/2016	Organic	Triphenylphosphate	n/a	=	4.8	µg/L	EPA 525.2	-88	-88			
2016/17-2	MO-CAM	srgt environ, rec	12/5/2016	Organic	Triphenylphosphate	n/a	=	96	%	EPA 525.2	-88	-88	70	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	
2016/17-2	MO-FIL	srgt environ	12/1/2016	Organic	Triphenylphosphate	n/a	=	0.427	µg/L	EPA 525.2m	-88	-88			
2016/17-2	MO-FIL	srgt environ, rec	12/1/2016	Organic	Triphenylphosphate	n/a	=	85	%	EPA 525.2m	-88	-88	40	163	
2016/17-2	MO-FIL	srgt environ	12/5/2016	Organic	Triphenylphosphate	n/a	=	5.22	µg/L	EPA 525.2	-88	-88			
2016/17-2	MO-FIL	srgt environ, rec	12/5/2016	Organic	Triphenylphosphate	n/a	=	104	%	EPA 525.2	-88	-88	70	149	
2016/17-2	MO-HUE	srgt environ	12/1/2016	Organic	Triphenylphosphate	n/a	=	0.395	µg/L	EPA 525.2m	-88	-88			
2016/17-2	MO-HUE	srgt environ, rec	12/1/2016	Organic	Triphenylphosphate	n/a	=	79	%	EPA 525.2m	-88	-88	40	163	
2016/17-2	MO-HUE	srgt environ	12/5/2016	Organic	Triphenylphosphate	n/a	=	5.8	µg/L	EPA 525.2	-88	-88			
2016/17-2	MO-HUE	srgt environ, rec	12/5/2016	Organic	Triphenylphosphate	n/a	=	116	%	EPA 525.2	-88	-88	70	149	
2016/17-2	MO-MEI	srgt environ	11/30/2016	Organic	Triphenylphosphate	n/a	=	0.324	µg/L	EPA 525.2m	-88	-88			
2016/17-2	MO-MEI	srgt environ, rec	11/30/2016	Organic	Triphenylphosphate	n/a	=	65	%	EPA 525.2m	-88	-88	40	163	
2016/17-2	MO-MPK	srgt environ	12/1/2016	Organic	Triphenylphosphate	n/a	=	0.399	µg/L	EPA 525.2m	-88	-88			
2016/17-2	MO-MPK	srgt environ, rec	12/1/2016	Organic	Triphenylphosphate	n/a	=	80	%	EPA 525.2m	-88	-88	40	163	
2016/17-2	MO-MPK	srgt environ	12/5/2016	Organic	Triphenylphosphate	n/a	=	4.53	µg/L	EPA 525.2	-88	-88			
2016/17-2	MO-MPK	srgt environ, rec	12/5/2016	Organic	Triphenylphosphate	n/a	=	91	%	EPA 525.2	-88	-88	70	149	
2016/17-2	MO-OJA	srgt environ	11/30/2016	Organic	Triphenylphosphate	n/a	=	0.349	µg/L	EPA 525.2m	-88	-88			
2016/17-2	MO-OJA	srgt environ, rec	11/30/2016	Organic	Triphenylphosphate	n/a	=	70	%	EPA 525.2m	-88	-88	40	163	
2016/17-2	MO-OXN	srgt environ	12/1/2016	Organic	Triphenylphosphate	n/a	=	0.382	µg/L	EPA 525.2m	-88	-88			
2016/17-2	MO-OXN	srgt environ, rec	12/1/2016	Organic	Triphenylphosphate	n/a	=	76	%	EPA 525.2m	-88	-88	40	163	
2016/17-2	MO-OXN	srgt environ	12/5/2016	Organic	Triphenylphosphate	n/a	=	4.13	µg/L	EPA 525.2	-88	-88			
2016/17-2	MO-OXN	srgt environ, rec	12/5/2016	Organic	Triphenylphosphate	n/a	=	83	%	EPA 525.2	-88	-88	70	149	
2016/17-2	MO-SIM	srgt environ	12/1/2016	Organic	Triphenylphosphate	n/a	=	0.409	µg/L	EPA 525.2m	-88	-88			
2016/17-2	MO-SIM	srgt environ, rec	12/1/2016	Organic	Triphenylphosphate	n/a	=	82	%	EPA 525.2m	-88	-88	40	163	
2016/17-2	MO-SIM	srgt environ	12/5/2016	Organic	Triphenylphosphate	n/a	=	5.48	µg/L	EPA 525.2	-88	-88			
2016/17-2	MO-SIM	srgt environ, rec	12/5/2016	Organic	Triphenylphosphate	n/a	=	110	%	EPA 525.2	-88	-88	70	149	
2016/17-2	MO-SPA	srgt environ	12/1/2016	Organic	Triphenylphosphate	n/a	=	0.411	µg/L	EPA 525.2m	-88	-88			
2016/17-2	MO-SPA	srgt environ, rec	12/1/2016	Organic	Triphenylphosphate	n/a	=	82	%	EPA 525.2m	-88	-88	40	163	
2016/17-2	MO-SPA	srgt environ	12/5/2016	Organic	Triphenylphosphate	n/a	=	4.29	µg/L	EPA 525.2	-88	-88			
2016/17-2	MO-SPA	srgt environ, rec	12/5/2016	Organic	Triphenylphosphate	n/a	=	86	%	EPA 525.2	-88	-88	70	149	
2016/17-2	MO-THO	srgt environ	12/1/2016	Organic	Triphenylphosphate	n/a	=	0.501	µg/L	EPA 525.2m	-88	-88			
2016/17-2	MO-THO	srgt environ, rec	12/1/2016	Organic	Triphenylphosphate	n/a	=	100	%	EPA 525.2m	-88	-88	40	163	
2016/17-2	MO-THO	srgt environ	12/6/2016	Organic	Triphenylphosphate	n/a	=	5	µg/L	EPA 525.2	-88	-88			
2016/17-2	MO-THO	srgt environ, rec	12/6/2016	Organic	Triphenylphosphate	n/a	=	100	%	EPA 525.2	-88	-88	70	149	
2016/17-2	MO-VEN	srgt environ	11/30/2016	Organic	Triphenylphosphate	n/a	=	0.441	µg/L	EPA 525.2m	-88	-88			
2016/17-2	MO-VEN	srgt environ, rec	11/30/2016	Organic	Triphenylphosphate	n/a	=	88	%	EPA 525.2m	-88	-88	40	163	
2016/17-2	MO-VEN	srgt environ	12/5/2016	Organic	Triphenylphosphate	n/a	=	3.77	µg/L	EPA 525.2	-88	-88			
2016/17-2	MO-VEN	srgt environ, rec	12/5/2016	Organic	Triphenylphosphate	n/a	=	75	%	EPA 525.2	-88	-88	70	149	
2016/17-2	000NONPJ	srgt matrix spike	12/22/2016	PCB	PCB 209	n/a	=	0.06	µg/L	EPA 608	-88	-88			
2016/17-2	000NONPJ	srgt matrix spike, rec	12/22/2016	PCB	PCB 209	n/a	=	54	%	EPA 608	-88	-88	0.1	118	
2016/17-2	000NONPJ	srgt matrix spike dup	12/22/2016	PCB	PCB 209	n/a	=	0.0575	µg/L	EPA 608	-88	-88			
2016/17-2	000NONPJ	srgt matrix spike dup, rec	12/22/2016	PCB	PCB 209	n/a	=	52	%	EPA 608	-88	-88	0.1	118	
2016/17-2	Lab	srgt method blank	12/20/2016	PCB	PCB 209	n/a	=	0.118	µg/L	EPA 608	-88	-88			
2016/17-2	Lab	srgt method blank, rec	12/20/2016	PCB	PCB 209	n/a	=	118	%	EPA 608	-88	-88	0.1	118	
2016/17-2	Lab	srgt LCS	12/20/2016	PCB	PCB 209	n/a	=	0.108	µg/L	EPA 608	-88	-88			
2016/17-2	Lab	srgt LCS, rec	12/20/2016	PCB	PCB 209	n/a	=	108	%	EPA 608	-88	-88	0.1	118	
2016/17-2	Lab	srgt LCS dup	12/20/2016	PCB	PCB 209	n/a	=	0.0848	µg/L	EPA 608	-88	-88			
2016/17-2	Lab	srgt LCS dup, rec	12/20/2016	PCB	PCB 209	n/a	=	85	%	EPA 608	-88	-88	0.1	118	
2016/17-2	Lab	srgt method blank	12/22/2016	PCB	PCB 209	n/a	=	0.0869	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	
2016/17-2	Lab	srgt method blank, rec	12/22/2016	PCB	PCB 209	n/a	=	87	%	EPA 608	-88	-88	0.1	118	
2016/17-2	Lab	srgt LCS	12/22/2016	PCB	PCB 209	n/a	=	0.0931	µg/L	EPA 608	-88	-88			
2016/17-2	Lab	srgt LCS, rec	12/22/2016	PCB	PCB 209	n/a	=	93	%	EPA 608	-88	-88	0.1	118	
2016/17-2	Lab	srgt method blank	12/23/2016	PCB	PCB 209	n/a	=	0.0787	µg/L	EPA 608	-88	-88			
2016/17-2	Lab	srgt method blank, rec	12/23/2016	PCB	PCB 209	n/a	=	79	%	EPA 608	-88	-88	0.1	118	
2016/17-2	Lab	srgt LCS	12/23/2016	PCB	PCB 209	n/a	=	0.0776	µg/L	EPA 608	-88	-88			
2016/17-2	Lab	srgt LCS, rec	12/23/2016	PCB	PCB 209	n/a	=	78	%	EPA 608	-88	-88	0.1	118	
2016/17-2	Lab	srgt LCS dup	12/23/2016	PCB	PCB 209	n/a	=	0.099	µg/L	EPA 608	-88	-88			
2016/17-2	Lab	srgt LCS dup, rec	12/23/2016	PCB	PCB 209	n/a	=	99	%	EPA 608	-88	-88	0.1	118	
2016/17-2	ME-CC	srgt environ	12/22/2016	PCB	PCB 209	n/a	=	0.0598	µg/L	EPA 608	-88	-88			
2016/17-2	ME-CC	srgt environ, rec	12/22/2016	PCB	PCB 209	n/a	=	60	%	EPA 608	-88	-88	0.1	118	
2016/17-2	ME-VR2	srgt environ	12/22/2016	PCB	PCB 209	n/a	=	0.077	µg/L	EPA 608	-88	-88			
2016/17-2	ME-VR2	srgt environ, rec	12/22/2016	PCB	PCB 209	n/a	=	77	%	EPA 608	-88	-88	0.1	118	
2016/17-2	MO-CAM	srgt environ	12/23/2016	PCB	PCB 209	n/a	=	0.0239	µg/L	EPA 608	-88	-88			
2016/17-2	MO-CAM	srgt environ, rec	12/23/2016	PCB	PCB 209	n/a	=	24	%	EPA 608	-88	-88	0.1	118	
2016/17-2	MO-FIL	srgt environ	12/23/2016	PCB	PCB 209	n/a	=	0.054	µg/L	EPA 608	-88	-88			
2016/17-2	MO-FIL	srgt environ, rec	12/23/2016	PCB	PCB 209	n/a	=	54	%	EPA 608	-88	-88	0.1	118	
2016/17-2	MO-HUE	srgt environ	12/20/2016	PCB	PCB 209	n/a	=	0.0918	µg/L	EPA 608	-88	-88			
2016/17-2	MO-HUE	srgt environ, rec	12/20/2016	PCB	PCB 209	n/a	=	92	%	EPA 608	-88	-88	0.1	118	
2016/17-2	MO-MEI	srgt environ	12/23/2016	PCB	PCB 209	n/a	=	0.0481	µg/L	EPA 608	-88	-88			
2016/17-2	MO-MEI	srgt environ, rec	12/23/2016	PCB	PCB 209	n/a	=	48	%	EPA 608	-88	-88	0.1	118	
2016/17-2	MO-MPK	srgt environ	12/23/2016	PCB	PCB 209	n/a	=	0.053	µg/L	EPA 608	-88	-88			
2016/17-2	MO-MPK	srgt environ, rec	12/23/2016	PCB	PCB 209	n/a	=	53	%	EPA 608	-88	-88	0.1	118	
2016/17-2	MO-OXN	srgt environ	12/23/2016	PCB	PCB 209	n/a	=	0.0278	µg/L	EPA 608	-88	-88			
2016/17-2	MO-OXN	srgt environ, rec	12/23/2016	PCB	PCB 209	n/a	=	28	%	EPA 608	-88	-88	0.1	118	
2016/17-2	MO-SIM	srgt environ	12/23/2016	PCB	PCB 209	n/a	=	0.0375	µg/L	EPA 608	-88	-88			
2016/17-2	MO-SIM	srgt environ, rec	12/23/2016	PCB	PCB 209	n/a	=	37	%	EPA 608	-88	-88	0.1	118	
2016/17-2	MO-SPA	srgt environ	12/23/2016	PCB	PCB 209	n/a	=	0.0309	µg/L	EPA 608	-88	-88			
2016/17-2	MO-SPA	srgt environ, rec	12/23/2016	PCB	PCB 209	n/a	=	31	%	EPA 608	-88	-88	0.1	118	
2016/17-2	MO-THO	srgt environ	12/23/2016	PCB	PCB 209	n/a	=	0.0537	µg/L	EPA 608	-88	-88			
2016/17-2	MO-THO	srgt environ, rec	12/23/2016	PCB	PCB 209	n/a	=	54	%	EPA 608	-88	-88	0.1	118	
2016/17-2	MO-VEN	srgt environ	12/23/2016	PCB	PCB 209	n/a	=	0.0361	µg/L	EPA 608	-88	-88			
2016/17-2	MO-VEN	srgt environ, rec	12/23/2016	PCB	PCB 209	n/a	=	36	%	EPA 608	-88	-88	0.1	118	
2016/17-2	Lab	method blank	12/20/2016	PCB	PCB Aroclor 1016	n/a	<	0.05	µg/L	EPA 608	0.05	0.5			
2016/17-2	Lab	method blank	12/22/2016	PCB	PCB Aroclor 1016	n/a	<	0.05	µg/L	EPA 608	0.05	0.5			
2016/17-2	Lab	method blank	12/23/2016	PCB	PCB Aroclor 1016	n/a	<	0.05	µg/L	EPA 608	0.05	0.5			
2016/17-2	Lab	method blank	12/20/2016	PCB	PCB Aroclor 1221	n/a	<	0.06	µg/L	EPA 608	0.06	0.5			
2016/17-2	Lab	method blank	12/22/2016	PCB	PCB Aroclor 1221	n/a	<	0.06	µg/L	EPA 608	0.06	0.5			
2016/17-2	Lab	method blank	12/23/2016	PCB	PCB Aroclor 1221	n/a	<	0.06	µg/L	EPA 608	0.06	0.5			
2016/17-2	Lab	method blank	12/20/2016	PCB	PCB Aroclor 1232	n/a	<	0.15	µg/L	EPA 608	0.15	0.5			
2016/17-2	Lab	method blank	12/22/2016	PCB	PCB Aroclor 1232	n/a	<	0.15	µg/L	EPA 608	0.15	0.5			
2016/17-2	Lab	method blank	12/23/2016	PCB	PCB Aroclor 1232	n/a	<	0.15	µg/L	EPA 608	0.15	0.5			
2016/17-2	Lab	method blank	12/20/2016	PCB	PCB Aroclor 1242	n/a	<	0.07	µg/L	EPA 608	0.07	0.5			
2016/17-2	Lab	method blank	12/22/2016	PCB	PCB Aroclor 1242	n/a	<	0.07	µg/L	EPA 608	0.07	0.5			
2016/17-2	Lab	method blank	12/23/2016	PCB	PCB Aroclor 1242	n/a	<	0.07	µg/L	EPA 608	0.07	0.5			
2016/17-2	Lab	method blank	12/20/2016	PCB	PCB Aroclor 1248	n/a	<	0.06	µg/L	EPA 608	0.06	0.5			
2016/17-2	Lab	method blank	12/22/2016	PCB	PCB Aroclor 1248	n/a	<	0.06	µg/L	EPA 608	0.06	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	
2016/17-2	Lab	method blank	12/23/2016	PCB	PCB Aroclor 1248	n/a	<	0.06	µg/L	EPA 608	0.06	0.5			
2016/17-2	Lab	method blank	12/20/2016	PCB	PCB Aroclor 1254	n/a	<	0.04	µg/L	EPA 608	0.04	0.5			
2016/17-2	Lab	method blank	12/22/2016	PCB	PCB Aroclor 1254	n/a	<	0.04	µg/L	EPA 608	0.04	0.5			
2016/17-2	Lab	method blank	12/23/2016	PCB	PCB Aroclor 1254	n/a	<	0.04	µg/L	EPA 608	0.04	0.5			
2016/17-2	Lab	method blank	12/20/2016	PCB	PCB Aroclor 1260	n/a	<	0.04	µg/L	EPA 608	0.04	0.5			
2016/17-2	Lab	method blank	12/22/2016	PCB	PCB Aroclor 1260	n/a	<	0.04	µg/L	EPA 608	0.04	0.5			
2016/17-2	Lab	method blank	12/23/2016	PCB	PCB Aroclor 1260	n/a	<	0.04	µg/L	EPA 608	0.04	0.5			
2016/17-2	000NONPJ	matrix spike	12/3/2016	Pesticide	2,4,5-T	n/a	=	3.46	µg/L	EPA 515.3	0.07	0.2			
2016/17-2	000NONPJ	matrix spike, rec	12/3/2016	Pesticide	2,4,5-T	n/a	=	86	%	EPA 515.3	-88	-88	70	130	
2016/17-2	000NONPJ	matrix spike dup	12/3/2016	Pesticide	2,4,5-T	n/a	=	3.66	µg/L	EPA 515.3	0.07	0.2			
2016/17-2	000NONPJ	matrix spike dup, rec	12/3/2016	Pesticide	2,4,5-T	n/a	=	91	%	EPA 515.3	-88	-88	70	130	
2016/17-2	000NONPJ	matrix spike, RPD	12/3/2016	Pesticide	2,4,5-T	n/a	=	6	%	EPA 515.3	-88	-88	0	30	
2016/17-2	000NONPJ	matrix spike	12/3/2016	Pesticide	2,4,5-T	n/a	=	3.53	µg/L	EPA 515.3	0.07	0.2			
2016/17-2	000NONPJ	matrix spike, rec	12/3/2016	Pesticide	2,4,5-T	n/a	=	88	%	EPA 515.3	-88	-88	70	130	
2016/17-2	000NONPJ	matrix spike dup	12/3/2016	Pesticide	2,4,5-T	n/a	=	3.48	µg/L	EPA 515.3	0.07	0.2			
2016/17-2	000NONPJ	matrix spike dup, rec	12/3/2016	Pesticide	2,4,5-T	n/a	=	87	%	EPA 515.3	-88	-88	70	130	
2016/17-2	000NONPJ	matrix spike, RPD	12/3/2016	Pesticide	2,4,5-T	n/a	=	2	%	EPA 515.3	-88	-88	0	30	
2016/17-2	Lab	method blank	12/3/2016	Pesticide	2,4,5-T	n/a	<	0.07	µg/L	EPA 515.3	0.07	0.2			
2016/17-2	Lab	LCS	12/3/2016	Pesticide	2,4,5-T	n/a	=	3.71	µg/L	EPA 515.3	0.07	0.2			
2016/17-2	Lab	LCS, rec	12/3/2016	Pesticide	2,4,5-T	n/a	=	93	%	EPA 515.3	-88	-88	70	130	
2016/17-2	000NONPJ	matrix spike	12/3/2016	Pesticide	2,4,5-TP	n/a	=	3.65	µg/L	EPA 515.3	0.09	0.2			
2016/17-2	000NONPJ	matrix spike, rec	12/3/2016	Pesticide	2,4,5-TP	n/a	=	91	%	EPA 515.3	-88	-88	70	130	
2016/17-2	000NONPJ	matrix spike dup	12/3/2016	Pesticide	2,4,5-TP	n/a	=	3.62	µg/L	EPA 515.3	0.09	0.2			
2016/17-2	000NONPJ	matrix spike dup, rec	12/3/2016	Pesticide	2,4,5-TP	n/a	=	90	%	EPA 515.3	-88	-88	70	130	
2016/17-2	000NONPJ	matrix spike, RPD	12/3/2016	Pesticide	2,4,5-TP	n/a	=	1	%	EPA 515.3	-88	-88	0	30	
2016/17-2	000NONPJ	matrix spike	12/3/2016	Pesticide	2,4,5-TP	n/a	=	3.69	µg/L	EPA 515.3	0.09	0.2			
2016/17-2	000NONPJ	matrix spike, rec	12/3/2016	Pesticide	2,4,5-TP	n/a	=	92	%	EPA 515.3	-88	-88	70	130	
2016/17-2	000NONPJ	matrix spike dup	12/3/2016	Pesticide	2,4,5-TP	n/a	=	3.58	µg/L	EPA 515.3	0.09	0.2			
2016/17-2	000NONPJ	matrix spike dup, rec	12/3/2016	Pesticide	2,4,5-TP	n/a	=	90	%	EPA 515.3	-88	-88	70	130	
2016/17-2	000NONPJ	matrix spike, RPD	12/3/2016	Pesticide	2,4,5-TP	n/a	=	3	%	EPA 515.3	-88	-88	0	30	
2016/17-2	Lab	method blank	12/3/2016	Pesticide	2,4,5-TP	n/a	<	0.09	µg/L	EPA 515.3	0.09	0.2			
2016/17-2	Lab	LCS	12/3/2016	Pesticide	2,4,5-TP	n/a	=	3.6	µg/L	EPA 515.3	0.09	0.2			
2016/17-2	Lab	LCS, rec	12/3/2016	Pesticide	2,4,5-TP	n/a	=	90	%	EPA 515.3	-88	-88	70	130	
2016/17-2	000NONPJ	matrix spike	12/3/2016	Pesticide	2,4-D	n/a	=	8.55	µg/L	EPA 515.3	0.07	0.4			
2016/17-2	000NONPJ	matrix spike, rec	12/3/2016	Pesticide	2,4-D	n/a	=	107	%	EPA 515.3	-88	-88	70	130	
2016/17-2	000NONPJ	matrix spike dup	12/3/2016	Pesticide	2,4-D	n/a	=	7.83	µg/L	EPA 515.3	0.07	0.4			
2016/17-2	000NONPJ	matrix spike dup, rec	12/3/2016	Pesticide	2,4-D	n/a	=	98	%	EPA 515.3	-88	-88	70	130	
2016/17-2	000NONPJ	matrix spike, RPD	12/3/2016	Pesticide	2,4-D	n/a	=	9	%	EPA 515.3	-88	-88	0	30	
2016/17-2	000NONPJ	matrix spike	12/3/2016	Pesticide	2,4-D	n/a	=	8.72	µg/L	EPA 515.3	0.07	0.4			
2016/17-2	000NONPJ	matrix spike, rec	12/3/2016	Pesticide	2,4-D	n/a	=	109	%	EPA 515.3	-88	-88	70	130	
2016/17-2	000NONPJ	matrix spike dup	12/3/2016	Pesticide	2,4-D	n/a	=	8.8	µg/L	EPA 515.3	0.07	0.4			
2016/17-2	000NONPJ	matrix spike dup, rec	12/3/2016	Pesticide	2,4-D	n/a	=	110	%	EPA 515.3	-88	-88	70	130	
2016/17-2	000NONPJ	matrix spike, RPD	12/3/2016	Pesticide	2,4-D	n/a	=	1	%	EPA 515.3	-88	-88	0	30	
2016/17-2	Lab	method blank	12/3/2016	Pesticide	2,4-D	n/a	<	0.07	µg/L	EPA 515.3	0.07	0.4			
2016/17-2	Lab	LCS	12/3/2016	Pesticide	2,4-D	n/a	=	7.27	µg/L	EPA 515.3	0.07	0.4			
2016/17-2	Lab	LCS, rec	12/3/2016	Pesticide	2,4-D	n/a	=	91	%	EPA 515.3	-88	-88	70	130	
2016/17-2	000NONPJ	matrix spike	12/3/2016	Pesticide	2,4-DB	n/a	=	13.8	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	
2016/17-2	000NONPJ	matrix spike, rec	12/3/2016	Pesticide	2,4-DB	n/a	=	86	%	EPA 515.3	-88	-88	70	130	
2016/17-2	000NONPJ	matrix spike dup	12/3/2016	Pesticide	2,4-DB	n/a	=	14.9	µg/L	EPA 515.3	0.07	2			
2016/17-2	000NONPJ	matrix spike dup, rec	12/3/2016	Pesticide	2,4-DB	n/a	=	93	%	EPA 515.3	-88	-88	70	130	
2016/17-2	000NONPJ	matrix spike, RPD	12/3/2016	Pesticide	2,4-DB	n/a	=	8	%	EPA 515.3	-88	-88	0	30	
2016/17-2	000NONPJ	matrix spike	12/3/2016	Pesticide	2,4-DB	n/a	=	18.1	µg/L	EPA 515.3	0.07	2			
2016/17-2	000NONPJ	matrix spike, rec	12/3/2016	Pesticide	2,4-DB	n/a	=	113	%	EPA 515.3	-88	-88	70	130	
2016/17-2	000NONPJ	matrix spike dup	12/3/2016	Pesticide	2,4-DB	n/a	=	18.8	µg/L	EPA 515.3	0.07	2			
2016/17-2	000NONPJ	matrix spike dup, rec	12/3/2016	Pesticide	2,4-DB	n/a	=	118	%	EPA 515.3	-88	-88	70	130	
2016/17-2	000NONPJ	matrix spike, RPD	12/3/2016	Pesticide	2,4-DB	n/a	=	4	%	EPA 515.3	-88	-88	0	30	
2016/17-2	Lab	method blank	12/3/2016	Pesticide	2,4-DB	n/a	<	0.07	µg/L	EPA 515.3	0.07	2			
2016/17-2	Lab	LCS	12/3/2016	Pesticide	2,4-DB	n/a	=	13.4	µg/L	EPA 515.3	0.07	2			
2016/17-2	Lab	LCS, rec	12/3/2016	Pesticide	2,4-DB	n/a	=	84	%	EPA 515.3	-88	-88	70	130	
2016/17-2	000NONPJ	matrix spike	12/3/2016	Pesticide	3,5-Dichlorobenzoic acid	n/a	=	7.78	µg/L	EPA 515.3	0.09	1			
2016/17-2	000NONPJ	matrix spike, rec	12/3/2016	Pesticide	3,5-Dichlorobenzoic acid	n/a	=	97	%	EPA 515.3	-88	-88	70	130	
2016/17-2	000NONPJ	matrix spike dup	12/3/2016	Pesticide	3,5-Dichlorobenzoic acid	n/a	=	7.82	µg/L	EPA 515.3	0.09	1			
2016/17-2	000NONPJ	matrix spike dup, rec	12/3/2016	Pesticide	3,5-Dichlorobenzoic acid	n/a	=	98	%	EPA 515.3	-88	-88	70	130	
2016/17-2	000NONPJ	matrix spike, RPD	12/3/2016	Pesticide	3,5-Dichlorobenzoic acid	n/a	=	0.5	%	EPA 515.3	-88	-88	0	30	
2016/17-2	000NONPJ	matrix spike	12/3/2016	Pesticide	3,5-Dichlorobenzoic acid	n/a	=	8.23	µg/L	EPA 515.3	0.09	1			
2016/17-2	000NONPJ	matrix spike, rec	12/3/2016	Pesticide	3,5-Dichlorobenzoic acid	n/a	=	103	%	EPA 515.3	-88	-88	70	130	
2016/17-2	000NONPJ	matrix spike dup	12/3/2016	Pesticide	3,5-Dichlorobenzoic acid	n/a	=	8.08	µg/L	EPA 515.3	0.09	1			
2016/17-2	000NONPJ	matrix spike dup, rec	12/3/2016	Pesticide	3,5-Dichlorobenzoic acid	n/a	=	101	%	EPA 515.3	-88	-88	70	130	
2016/17-2	000NONPJ	matrix spike, RPD	12/3/2016	Pesticide	3,5-Dichlorobenzoic acid	n/a	=	2	%	EPA 515.3	-88	-88	0	30	
2016/17-2	Lab	method blank	12/3/2016	Pesticide	3,5-Dichlorobenzoic acid	n/a	<	0.09	µg/L	EPA 515.3	0.09	1			
2016/17-2	Lab	LCS	12/3/2016	Pesticide	3,5-Dichlorobenzoic acid	n/a	=	7.52	µg/L	EPA 515.3	0.09	1			
2016/17-2	Lab	LCS, rec	12/3/2016	Pesticide	3,5-Dichlorobenzoic acid	n/a	=	94	%	EPA 515.3	-88	-88	70	130	
2016/17-2	000NONPJ	matrix spike	12/22/2016	Pesticide	4,4'-DDD	n/a	DNQ	0.0622	µg/L	EPA 608	0.006	0.1			
2016/17-2	000NONPJ	matrix spike, rec	12/22/2016	Pesticide	4,4'-DDD	n/a	=	56	%	EPA 608	-88	-88	23	124	
2016/17-2	000NONPJ	matrix spike dup	12/22/2016	Pesticide	4,4'-DDD	n/a	DNQ	0.0558	µg/L	EPA 608	0.006	0.1			
2016/17-2	000NONPJ	matrix spike dup, rec	12/22/2016	Pesticide	4,4'-DDD	n/a	=	50	%	EPA 608	-88	-88	23	124	
2016/17-2	000NONPJ	matrix spike, RPD	12/22/2016	Pesticide	4,4'-DDD	n/a	=	11	%	EPA 608	-88	-88	0	30	
2016/17-2	Lab	method blank	12/20/2016	Pesticide	4,4'-DDD	n/a	<	0.003	µg/L	EPA 608	0.003	0.05			
2016/17-2	Lab	LCS	12/20/2016	Pesticide	4,4'-DDD	n/a	=	0.0988	µg/L	EPA 608	0.003	0.05			
2016/17-2	Lab	LCS, rec	12/20/2016	Pesticide	4,4'-DDD	n/a	=	99	%	EPA 608	-88	-88	42	133	
2016/17-2	Lab	LCS dup	12/20/2016	Pesticide	4,4'-DDD	n/a	=	0.0852	µg/L	EPA 608	0.003	0.05			
2016/17-2	Lab	LCS dup, rec	12/20/2016	Pesticide	4,4'-DDD	n/a	=	85	%	EPA 608	-88	-88	42	133	
2016/17-2	Lab	LCS, RPD	12/20/2016	Pesticide	4,4'-DDD	n/a	=	15	%	EPA 608	-88	-88	0	30	
2016/17-2	Lab	method blank	12/22/2016	Pesticide	4,4'-DDD	n/a	<	0.003	µg/L	EPA 608	0.003	0.05			
2016/17-2	Lab	LCS	12/22/2016	Pesticide	4,4'-DDD	n/a	=	0.0814	µg/L	EPA 608	0.003	0.05			
2016/17-2	Lab	LCS, rec	12/22/2016	Pesticide	4,4'-DDD	n/a	=	81	%	EPA 608	-88	-88	42	133	
2016/17-2	Lab	method blank	12/23/2016	Pesticide	4,4'-DDD	n/a	<	0.003	µg/L	EPA 608	0.003	0.05			
2016/17-2	Lab	LCS	12/23/2016	Pesticide	4,4'-DDD	n/a	=	0.0831	µg/L	EPA 608	0.003	0.05			
2016/17-2	Lab	LCS, rec	12/23/2016	Pesticide	4,4'-DDD	n/a	=	83	%	EPA 608	-88	-88	42	133	
2016/17-2	Lab	LCS dup	12/23/2016	Pesticide	4,4'-DDD	n/a	=	0.103	µg/L	EPA 608	0.003	0.05			
2016/17-2	Lab	LCS dup, rec	12/23/2016	Pesticide	4,4'-DDD	n/a	=	103	%	EPA 608	-88	-88	42	133	
2016/17-2	Lab	LCS, RPD	12/23/2016	Pesticide	4,4'-DDD	n/a	=	21	%	EPA 608	-88	-88	0	30	
2016/17-2	000NONPJ	matrix spike	12/22/2016	Pesticide	4,4'-DDE	n/a	DNQ	0.061	µg/L	EPA 608	0.005	0.1			
2016/17-2	000NONPJ	matrix spike, rec	12/22/2016	Pesticide	4,4'-DDE	n/a	=	55	%	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	
2016/17-2	000NONPJ	matrix spike dup	12/22/2016	Pesticide	4,4'-DDE	n/a	DNQ	0.0527	µg/L	EPA 608	0.005	0.1			
2016/17-2	000NONPJ	matrix spike dup, rec	12/22/2016	Pesticide	4,4'-DDE	n/a	=	47	%	EPA 608	-88	-88	30	114	
2016/17-2	000NONPJ	matrix spike, RPD	12/22/2016	Pesticide	4,4'-DDE	n/a	=	14	%	EPA 608	-88	-88	0	30	
2016/17-2	Lab	method blank	12/20/2016	Pesticide	4,4'-DDE	n/a	<	0.0025	µg/L	EPA 608	0.0025	0.05			
2016/17-2	Lab	LCS	12/20/2016	Pesticide	4,4'-DDE	n/a	=	0.105	µg/L	EPA 608	0.0025	0.05			
2016/17-2	Lab	LCS, rec	12/20/2016	Pesticide	4,4'-DDE	n/a	=	105	%	EPA 608	-88	-88	33	126	
2016/17-2	Lab	LCS dup	12/20/2016	Pesticide	4,4'-DDE	n/a	=	0.101	µg/L	EPA 608	0.0025	0.05			
2016/17-2	Lab	LCS dup, rec	12/20/2016	Pesticide	4,4'-DDE	n/a	=	101	%	EPA 608	-88	-88	33	126	
2016/17-2	Lab	LCS, RPD	12/20/2016	Pesticide	4,4'-DDE	n/a	=	3	%	EPA 608	-88	-88	0	30	
2016/17-2	Lab	method blank	12/22/2016	Pesticide	4,4'-DDE	n/a	<	0.0025	µg/L	EPA 608	0.0025	0.05			
2016/17-2	Lab	LCS	12/22/2016	Pesticide	4,4'-DDE	n/a	=	0.0948	µg/L	EPA 608	0.0025	0.05			
2016/17-2	Lab	LCS, rec	12/22/2016	Pesticide	4,4'-DDE	n/a	=	95	%	EPA 608	-88	-88	33	126	
2016/17-2	Lab	method blank	12/23/2016	Pesticide	4,4'-DDE	n/a	<	0.0025	µg/L	EPA 608	0.0025	0.05			
2016/17-2	Lab	LCS	12/23/2016	Pesticide	4,4'-DDE	n/a	=	0.086	µg/L	EPA 608	0.0025	0.05			
2016/17-2	Lab	LCS, rec	12/23/2016	Pesticide	4,4'-DDE	n/a	=	86	%	EPA 608	-88	-88	33	126	
2016/17-2	Lab	LCS dup	12/23/2016	Pesticide	4,4'-DDE	n/a	=	0.107	µg/L	EPA 608	0.0025	0.05			
2016/17-2	Lab	LCS dup, rec	12/23/2016	Pesticide	4,4'-DDE	n/a	=	107	%	EPA 608	-88	-88	33	126	
2016/17-2	Lab	LCS, RPD	12/23/2016	Pesticide	4,4'-DDE	n/a	=	22	%	EPA 608	-88	-88	0	30	
2016/17-2	000NONPJ	matrix spike	12/22/2016	Pesticide	4,4'-DDT	n/a	=	0.0276	µg/L	EPA 608	0.0062	0.02			
2016/17-2	000NONPJ	matrix spike, rec	12/22/2016	Pesticide	4,4'-DDT	n/a	=	25	%	EPA 608	-88	-88	11	151	
2016/17-2	000NONPJ	matrix spike dup	12/22/2016	Pesticide	4,4'-DDT	n/a	=	0.0274	µg/L	EPA 608	0.0062	0.02			
2016/17-2	000NONPJ	matrix spike dup, rec	12/22/2016	Pesticide	4,4'-DDT	n/a	=	25	%	EPA 608	-88	-88	11	151	
2016/17-2	000NONPJ	matrix spike, RPD	12/22/2016	Pesticide	4,4'-DDT	n/a	=	0.8	%	EPA 608	-88	-88	0	30	
2016/17-2	Lab	method blank	12/20/2016	Pesticide	4,4'-DDT	n/a	<	0.0031	µg/L	EPA 608	0.0031	0.01			
2016/17-2	Lab	LCS	12/20/2016	Pesticide	4,4'-DDT	n/a	=	0.127	µg/L	EPA 608	0.0031	0.01			
2016/17-2	Lab	LCS, rec	12/20/2016	Pesticide	4,4'-DDT	n/a	=	127	%	EPA 608	-88	-88	35	147	
2016/17-2	Lab	LCS dup	12/20/2016	Pesticide	4,4'-DDT	n/a	=	0.114	µg/L	EPA 608	0.0031	0.01			
2016/17-2	Lab	LCS dup, rec	12/20/2016	Pesticide	4,4'-DDT	n/a	=	114	%	EPA 608	-88	-88	35	147	
2016/17-2	Lab	LCS, RPD	12/20/2016	Pesticide	4,4'-DDT	n/a	=	11	%	EPA 608	-88	-88	0	30	
2016/17-2	Lab	method blank	12/22/2016	Pesticide	4,4'-DDT	n/a	<	0.0031	µg/L	EPA 608	0.0031	0.01			
2016/17-2	Lab	LCS	12/22/2016	Pesticide	4,4'-DDT	n/a	=	0.0572	µg/L	EPA 608	0.0031	0.01			
2016/17-2	Lab	LCS, rec	12/22/2016	Pesticide	4,4'-DDT	n/a	=	57	%	EPA 608	-88	-88	35	147	
2016/17-2	Lab	method blank	12/23/2016	Pesticide	4,4'-DDT	n/a	<	0.0031	µg/L	EPA 608	0.0031	0.01			
2016/17-2	Lab	LCS	12/23/2016	Pesticide	4,4'-DDT	n/a	=	0.133	µg/L	EPA 608	0.0031	0.01			
2016/17-2	Lab	LCS, rec	12/23/2016	Pesticide	4,4'-DDT	n/a	=	133	%	EPA 608	-88	-88	35	147	
2016/17-2	Lab	LCS dup	12/23/2016	Pesticide	4,4'-DDT	n/a	=	0.157	µg/L	EPA 608	0.0031	0.01			EUM
2016/17-2	Lab	LCS dup, rec	12/23/2016	Pesticide	4,4'-DDT	n/a	=	157	%	EPA 608	-88	-88	35	147	EUM
2016/17-2	Lab	LCS, RPD	12/23/2016	Pesticide	4,4'-DDT	n/a	=	16	%	EPA 608	-88	-88	0	30	
2016/17-2	000NONPJ	matrix spike	12/3/2016	Pesticide	Acifluorfen	n/a	=	3.83	µg/L	EPA 515.3	0.06	0.4			
2016/17-2	000NONPJ	matrix spike, rec	12/3/2016	Pesticide	Acifluorfen	n/a	=	96	%	EPA 515.3	-88	-88	70	130	
2016/17-2	000NONPJ	matrix spike dup	12/3/2016	Pesticide	Acifluorfen	n/a	=	4.03	µg/L	EPA 515.3	0.06	0.4			
2016/17-2	000NONPJ	matrix spike dup, rec	12/3/2016	Pesticide	Acifluorfen	n/a	=	101	%	EPA 515.3	-88	-88	70	130	
2016/17-2	000NONPJ	matrix spike, RPD	12/3/2016	Pesticide	Acifluorfen	n/a	=	5	%	EPA 515.3	-88	-88	0	30	
2016/17-2	000NONPJ	matrix spike	12/3/2016	Pesticide	Acifluorfen	n/a	=	4.18	µg/L	EPA 515.3	0.06	0.4			
2016/17-2	000NONPJ	matrix spike, rec	12/3/2016	Pesticide	Acifluorfen	n/a	=	104	%	EPA 515.3	-88	-88	70	130	
2016/17-2	000NONPJ	matrix spike dup	12/3/2016	Pesticide	Acifluorfen	n/a	=	4.01	µg/L	EPA 515.3	0.06	0.4			
2016/17-2	000NONPJ	matrix spike dup, rec	12/3/2016	Pesticide	Acifluorfen	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	
2016/17-2	000NONPJ	matrix spike, RPD	12/3/2016	Pesticide	Acifluorfen	n/a	=	4	%	EPA 515.3	-88	-88	0	30	
2016/17-2	Lab	method blank	12/3/2016	Pesticide	Acifluorfen	n/a	<	0.06	µg/L	EPA 515.3	0.06	0.4			
2016/17-2	Lab	LCS	12/3/2016	Pesticide	Acifluorfen	n/a	=	3.39	µg/L	EPA 515.3	0.06	0.4			
2016/17-2	Lab	LCS, rec	12/3/2016	Pesticide	Acifluorfen	n/a	=	85	%	EPA 515.3	-88	-88	70	130	
2016/17-2	Lab	method blank	12/5/2016	Pesticide	Alachlor	n/a	<	0.022	µg/L	EPA 525.2	0.022	0.1			
2016/17-2	Lab	LCS	12/5/2016	Pesticide	Alachlor	n/a	=	4.85	µg/L	EPA 525.2	0.022	0.1			
2016/17-2	Lab	LCS, rec	12/5/2016	Pesticide	Alachlor	n/a	=	97	%	EPA 525.2	-88	-88	55	124	
2016/17-2	Lab	LCS dup	12/5/2016	Pesticide	Alachlor	n/a	=	4.74	µg/L	EPA 525.2	0.022	0.1			
2016/17-2	Lab	LCS dup, rec	12/5/2016	Pesticide	Alachlor	n/a	=	95	%	EPA 525.2	-88	-88	55	124	
2016/17-2	Lab	LCS, RPD	12/5/2016	Pesticide	Alachlor	n/a	=	2	%	EPA 525.2	-88	-88	0	30	
2016/17-2	000NONPJ	matrix spike	12/22/2016	Pesticide	Aldrin	n/a	=	0.0696	µg/L	EPA 608	0.003	0.01			
2016/17-2	000NONPJ	matrix spike, rec	12/22/2016	Pesticide	Aldrin	n/a	=	63	%	EPA 608	-88	-88	18	110	
2016/17-2	000NONPJ	matrix spike dup	12/22/2016	Pesticide	Aldrin	n/a	=	0.0607	µg/L	EPA 608	0.003	0.01			
2016/17-2	000NONPJ	matrix spike dup, rec	12/22/2016	Pesticide	Aldrin	n/a	=	55	%	EPA 608	-88	-88	18	110	
2016/17-2	000NONPJ	matrix spike, RPD	12/22/2016	Pesticide	Aldrin	n/a	=	14	%	EPA 608	-88	-88	0	30	
2016/17-2	Lab	method blank	12/20/2016	Pesticide	Aldrin	n/a	<	0.0015	µg/L	EPA 608	0.0015	0.005			
2016/17-2	Lab	LCS	12/20/2016	Pesticide	Aldrin	n/a	=	0.0981	µg/L	EPA 608	0.0015	0.005			
2016/17-2	Lab	LCS, rec	12/20/2016	Pesticide	Aldrin	n/a	=	98	%	EPA 608	-88	-88	18	117	
2016/17-2	Lab	LCS dup	12/20/2016	Pesticide	Aldrin	n/a	=	0.104	µg/L	EPA 608	0.0015	0.005			
2016/17-2	Lab	LCS dup, rec	12/20/2016	Pesticide	Aldrin	n/a	=	104	%	EPA 608	-88	-88	18	117	
2016/17-2	Lab	LCS, RPD	12/20/2016	Pesticide	Aldrin	n/a	=	6	%	EPA 608	-88	-88	0	30	
2016/17-2	Lab	method blank	12/22/2016	Pesticide	Aldrin	n/a	<	0.0015	µg/L	EPA 608	0.0015	0.005			
2016/17-2	Lab	LCS	12/22/2016	Pesticide	Aldrin	n/a	=	0.0909	µg/L	EPA 608	0.0015	0.005			
2016/17-2	Lab	LCS, rec	12/22/2016	Pesticide	Aldrin	n/a	=	91	%	EPA 608	-88	-88	18	117	
2016/17-2	Lab	method blank	12/23/2016	Pesticide	Aldrin	n/a	<	0.0015	µg/L	EPA 608	0.0015	0.005			
2016/17-2	Lab	LCS	12/23/2016	Pesticide	Aldrin	n/a	=	0.0865	µg/L	EPA 608	0.0015	0.005			
2016/17-2	Lab	LCS, rec	12/23/2016	Pesticide	Aldrin	n/a	=	86	%	EPA 608	-88	-88	18	117	
2016/17-2	Lab	LCS dup	12/23/2016	Pesticide	Aldrin	n/a	=	0.105	µg/L	EPA 608	0.0015	0.005			
2016/17-2	Lab	LCS dup, rec	12/23/2016	Pesticide	Aldrin	n/a	=	105	%	EPA 608	-88	-88	18	117	
2016/17-2	Lab	LCS, RPD	12/23/2016	Pesticide	Aldrin	n/a	=	20	%	EPA 608	-88	-88	0	30	
2016/17-2	000NONPJ	matrix spike	12/22/2016	Pesticide	alpha-BHC	n/a	=	0.0629	µg/L	EPA 608	0.0036	0.02			
2016/17-2	000NONPJ	matrix spike, rec	12/22/2016	Pesticide	alpha-BHC	n/a	=	57	%	EPA 608	-88	-88	43	114	
2016/17-2	000NONPJ	matrix spike dup	12/22/2016	Pesticide	alpha-BHC	n/a	=	0.0622	µg/L	EPA 608	0.0036	0.02			
2016/17-2	000NONPJ	matrix spike dup, rec	12/22/2016	Pesticide	alpha-BHC	n/a	=	56	%	EPA 608	-88	-88	43	114	
2016/17-2	000NONPJ	matrix spike, RPD	12/22/2016	Pesticide	alpha-BHC	n/a	=	1	%	EPA 608	-88	-88	0	30	
2016/17-2	Lab	method blank	12/20/2016	Pesticide	alpha-BHC	n/a	<	0.0018	µg/L	EPA 608	0.0018	0.01			
2016/17-2	Lab	LCS	12/20/2016	Pesticide	alpha-BHC	n/a	=	0.0991	µg/L	EPA 608	0.0018	0.01			
2016/17-2	Lab	LCS, rec	12/20/2016	Pesticide	alpha-BHC	n/a	=	99	%	EPA 608	-88	-88	47	119	
2016/17-2	Lab	LCS dup	12/20/2016	Pesticide	alpha-BHC	n/a	=	0.0925	µg/L	EPA 608	0.0018	0.01			
2016/17-2	Lab	LCS dup, rec	12/20/2016	Pesticide	alpha-BHC	n/a	=	93	%	EPA 608	-88	-88	47	119	
2016/17-2	Lab	LCS, RPD	12/20/2016	Pesticide	alpha-BHC	n/a	=	7	%	EPA 608	-88	-88	0	30	
2016/17-2	Lab	method blank	12/22/2016	Pesticide	alpha-BHC	n/a	<	0.0018	µg/L	EPA 608	0.0018	0.01			
2016/17-2	Lab	LCS	12/22/2016	Pesticide	alpha-BHC	n/a	=	0.0858	µg/L	EPA 608	0.0018	0.01			
2016/17-2	Lab	LCS, rec	12/22/2016	Pesticide	alpha-BHC	n/a	=	86	%	EPA 608	-88	-88	47	119	
2016/17-2	Lab	method blank	12/23/2016	Pesticide	alpha-BHC	n/a	<	0.0018	µg/L	EPA 608	0.0018	0.01			
2016/17-2	Lab	LCS	12/23/2016	Pesticide	alpha-BHC	n/a	=	0.0823	µg/L	EPA 608	0.0018	0.01			
2016/17-2	Lab	LCS, rec	12/23/2016	Pesticide	alpha-BHC	n/a	=	82	%	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	
2016/17-2	Lab	LCS dup	12/23/2016	Pesticide	alpha-BHC	n/a	=	0.0994	µg/L	EPA 608	0.0018	0.01			
2016/17-2	Lab	LCS dup, rec	12/23/2016	Pesticide	alpha-BHC	n/a	=	99	%	EPA 608	-88	-88	47	119	
2016/17-2	Lab	LCS, RPD	12/23/2016	Pesticide	alpha-BHC	n/a	=	19	%	EPA 608	-88	-88	0	30	
2016/17-2	Lab	method blank	12/20/2016	Pesticide	alpha-Chlordane	n/a	<	0.0041	µg/L	EPA 608	0.0041	0.01			
2016/17-2	Lab	method blank	12/22/2016	Pesticide	alpha-Chlordane	n/a	<	0.0041	µg/L	EPA 608	0.0041	0.01			
2016/17-2	Lab	method blank	12/23/2016	Pesticide	alpha-Chlordane	n/a	<	0.0041	µg/L	EPA 608	0.0041	0.01			
2016/17-2	Lab	method blank	12/5/2016	Pesticide	Atrazine	n/a	<	0.034	µg/L	EPA 525.2	0.034	0.1			
2016/17-2	Lab	LCS	12/5/2016	Pesticide	Atrazine	n/a	=	4.95	µg/L	EPA 525.2	0.034	0.1			
2016/17-2	Lab	LCS, rec	12/5/2016	Pesticide	Atrazine	n/a	=	99	%	EPA 525.2	-88	-88	67	131	
2016/17-2	Lab	LCS dup	12/5/2016	Pesticide	Atrazine	n/a	=	4.91	µg/L	EPA 525.2	0.034	0.1			
2016/17-2	Lab	LCS dup, rec	12/5/2016	Pesticide	Atrazine	n/a	=	98	%	EPA 525.2	-88	-88	67	131	
2016/17-2	Lab	LCS, RPD	12/5/2016	Pesticide	Atrazine	n/a	=	0.8	%	EPA 525.2	-88	-88	0	30	
2016/17-2	000NONPJ	matrix spike	11/30/2016	Pesticide	Azinphos methyl	n/a	=	0.0508	µg/L	EPA 525.2m	0.0055	0.01			
2016/17-2	000NONPJ	matrix spike, rec	11/30/2016	Pesticide	Azinphos methyl	n/a	=	102	%	EPA 525.2m	-88	-88	0.1	154	
2016/17-2	000NONPJ	matrix spike dup	11/30/2016	Pesticide	Azinphos methyl	n/a	=	0.0572	µg/L	EPA 525.2m	0.0055	0.01			
2016/17-2	000NONPJ	matrix spike dup, rec	11/30/2016	Pesticide	Azinphos methyl	n/a	=	114	%	EPA 525.2m	-88	-88	0.1	154	
2016/17-2	000NONPJ	matrix spike, RPD	11/30/2016	Pesticide	Azinphos methyl	n/a	=	12	%	EPA 525.2m	-88	-88	0	30	
2016/17-2	000NONPJ	matrix spike	11/30/2016	Pesticide	Azinphos methyl	n/a	=	0.0573	µg/L	EPA 525.2m	0.0055	0.01			
2016/17-2	000NONPJ	matrix spike, rec	11/30/2016	Pesticide	Azinphos methyl	n/a	=	115	%	EPA 525.2m	-88	-88	0.1	154	
2016/17-2	Lab	method blank	11/30/2016	Pesticide	Azinphos methyl	n/a	<	0.0055	µg/L	EPA 525.2m	0.0055	0.01			
2016/17-2	Lab	LCS	11/30/2016	Pesticide	Azinphos methyl	n/a	=	0.0521	µg/L	EPA 525.2m	0.0055	0.01			
2016/17-2	Lab	LCS, rec	11/30/2016	Pesticide	Azinphos methyl	n/a	=	104	%	EPA 525.2m	-88	-88	0.1	188	
2016/17-2	Lab	method blank	11/30/2016	Pesticide	Azinphos methyl	n/a	<	0.0055	µg/L	EPA 525.2m	0.0055	0.01			
2016/17-2	Lab	LCS	11/30/2016	Pesticide	Azinphos methyl	n/a	=	0.061	µg/L	EPA 525.2m	0.0055	0.01			
2016/17-2	Lab	LCS, rec	11/30/2016	Pesticide	Azinphos methyl	n/a	=	122	%	EPA 525.2m	-88	-88	0.1	188	
2016/17-2	000NONPJ	matrix spike	12/3/2016	Pesticide	Bentazon	n/a	=	16.3	µg/L	EPA 515.3	0.11	2			
2016/17-2	000NONPJ	matrix spike, rec	12/3/2016	Pesticide	Bentazon	n/a	=	102	%	EPA 515.3	-88	-88	70	130	
2016/17-2	000NONPJ	matrix spike dup	12/3/2016	Pesticide	Bentazon	n/a	=	16.6	µg/L	EPA 515.3	0.11	2			
2016/17-2	000NONPJ	matrix spike dup, rec	12/3/2016	Pesticide	Bentazon	n/a	=	104	%	EPA 515.3	-88	-88	70	130	
2016/17-2	000NONPJ	matrix spike, RPD	12/3/2016	Pesticide	Bentazon	n/a	=	2	%	EPA 515.3	-88	-88	0	30	
2016/17-2	000NONPJ	matrix spike	12/3/2016	Pesticide	Bentazon	n/a	=	17.1	µg/L	EPA 515.3	0.11	2			
2016/17-2	000NONPJ	matrix spike, rec	12/3/2016	Pesticide	Bentazon	n/a	=	107	%	EPA 515.3	-88	-88	70	130	
2016/17-2	000NONPJ	matrix spike dup	12/3/2016	Pesticide	Bentazon	n/a	=	16.6	µg/L	EPA 515.3	0.11	2			
2016/17-2	000NONPJ	matrix spike dup, rec	12/3/2016	Pesticide	Bentazon	n/a	=	104	%	EPA 515.3	-88	-88	70	130	
2016/17-2	000NONPJ	matrix spike, RPD	12/3/2016	Pesticide	Bentazon	n/a	=	3	%	EPA 515.3	-88	-88	0	30	
2016/17-2	Lab	method blank	12/3/2016	Pesticide	Bentazon	n/a	<	0.11	µg/L	EPA 515.3	0.11	2			
2016/17-2	Lab	LCS	12/3/2016	Pesticide	Bentazon	n/a	=	14.2	µg/L	EPA 515.3	0.11	2			
2016/17-2	Lab	LCS, rec	12/3/2016	Pesticide	Bentazon	n/a	=	88	%	EPA 515.3	-88	-88	70	130	
2016/17-2	000NONPJ	matrix spike	12/22/2016	Pesticide	beta-BHC	n/a	=	0.0601	µg/L	EPA 608	0.0062	0.01			
2016/17-2	000NONPJ	matrix spike, rec	12/22/2016	Pesticide	beta-BHC	n/a	=	54	%	EPA 608	-88	-88	24	135	
2016/17-2	000NONPJ	matrix spike dup	12/22/2016	Pesticide	beta-BHC	n/a	=	0.0522	µg/L	EPA 608	0.0062	0.01			
2016/17-2	000NONPJ	matrix spike dup, rec	12/22/2016	Pesticide	beta-BHC	n/a	=	47	%	EPA 608	-88	-88	24	135	
2016/17-2	000NONPJ	matrix spike, RPD	12/22/2016	Pesticide	beta-BHC	n/a	=	14	%	EPA 608	-88	-88	0	30	
2016/17-2	Lab	method blank	12/20/2016	Pesticide	beta-BHC	n/a	<	0.0031	µg/L	EPA 608	0.0031	0.005			
2016/17-2	Lab	LCS	12/20/2016	Pesticide	beta-BHC	n/a	=	0.104	µg/L	EPA 608	0.0031	0.005			
2016/17-2	Lab	LCS, rec	12/20/2016	Pesticide	beta-BHC	n/a	=	104	%	EPA 608	-88	-88	53	123	
2016/17-2	Lab	LCS dup	12/20/2016	Pesticide	beta-BHC	n/a	=	0.0942	µg/L	EPA 608	0.0031	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	
2016/17-2	Lab	LCS dup, rec	12/20/2016	Pesticide	beta-BHC	n/a	=	94	%	EPA 608	-88	-88	53	123	
2016/17-2	Lab	LCS, RPD	12/20/2016	Pesticide	beta-BHC	n/a	=	9	%	EPA 608	-88	-88	0	30	
2016/17-2	Lab	method blank	12/22/2016	Pesticide	beta-BHC	n/a	<	0.0031	µg/L	EPA 608	0.0031	0.005			
2016/17-2	Lab	LCS	12/22/2016	Pesticide	beta-BHC	n/a	=	0.0871	µg/L	EPA 608	0.0031	0.005			
2016/17-2	Lab	LCS, rec	12/22/2016	Pesticide	beta-BHC	n/a	=	87	%	EPA 608	-88	-88	53	123	
2016/17-2	Lab	method blank	12/23/2016	Pesticide	beta-BHC	n/a	<	0.0031	µg/L	EPA 608	0.0031	0.005			
2016/17-2	Lab	LCS	12/23/2016	Pesticide	beta-BHC	n/a	=	0.0862	µg/L	EPA 608	0.0031	0.005			
2016/17-2	Lab	LCS, rec	12/23/2016	Pesticide	beta-BHC	n/a	=	86	%	EPA 608	-88	-88	53	123	
2016/17-2	Lab	LCS dup	12/23/2016	Pesticide	beta-BHC	n/a	=	0.104	µg/L	EPA 608	0.0031	0.005			
2016/17-2	Lab	LCS dup, rec	12/23/2016	Pesticide	beta-BHC	n/a	=	104	%	EPA 608	-88	-88	53	123	
2016/17-2	Lab	LCS, RPD	12/23/2016	Pesticide	beta-BHC	n/a	=	19	%	EPA 608	-88	-88	0	30	
2016/17-2	000NONPJ	matrix spike	11/30/2016	Pesticide	Bolstar	n/a	=	0.0613	µg/L	EPA 525.2m	0.0046	0.01			
2016/17-2	000NONPJ	matrix spike, rec	11/30/2016	Pesticide	Bolstar	n/a	=	123	%	EPA 525.2m	-88	-88	4	184	
2016/17-2	000NONPJ	matrix spike dup	11/30/2016	Pesticide	Bolstar	n/a	=	0.0655	µg/L	EPA 525.2m	0.0046	0.01			
2016/17-2	000NONPJ	matrix spike dup, rec	11/30/2016	Pesticide	Bolstar	n/a	=	131	%	EPA 525.2m	-88	-88	4	184	
2016/17-2	000NONPJ	matrix spike, RPD	11/30/2016	Pesticide	Bolstar	n/a	=	7	%	EPA 525.2m	-88	-88	0	30	
2016/17-2	000NONPJ	matrix spike	11/30/2016	Pesticide	Bolstar	n/a	=	0.0641	µg/L	EPA 525.2m	0.0046	0.01			
2016/17-2	000NONPJ	matrix spike, rec	11/30/2016	Pesticide	Bolstar	n/a	=	128	%	EPA 525.2m	-88	-88	4	184	
2016/17-2	Lab	method blank	11/30/2016	Pesticide	Bolstar	n/a	<	0.0046	µg/L	EPA 525.2m	0.0046	0.01			
2016/17-2	Lab	LCS	11/30/2016	Pesticide	Bolstar	n/a	=	0.0488	µg/L	EPA 525.2m	0.0046	0.01			
2016/17-2	Lab	LCS, rec	11/30/2016	Pesticide	Bolstar	n/a	=	98	%	EPA 525.2m	-88	-88	11	166	
2016/17-2	Lab	method blank	11/30/2016	Pesticide	Bolstar	n/a	<	0.0046	µg/L	EPA 525.2m	0.0046	0.01			
2016/17-2	Lab	LCS	11/30/2016	Pesticide	Bolstar	n/a	=	0.0454	µg/L	EPA 525.2m	0.0046	0.01			
2016/17-2	Lab	LCS, rec	11/30/2016	Pesticide	Bolstar	n/a	=	91	%	EPA 525.2m	-88	-88	11	166	
2016/17-2	Lab	method blank	12/5/2016	Pesticide	Bromacil	n/a	<	0.038	µg/L	EPA 525.2	0.038	1			
2016/17-2	Lab	LCS	12/5/2016	Pesticide	Bromacil	n/a	=	5.17	µg/L	EPA 525.2	0.038	1			
2016/17-2	Lab	LCS, rec	12/5/2016	Pesticide	Bromacil	n/a	=	103	%	EPA 525.2	-88	-88	62	139	
2016/17-2	Lab	LCS dup	12/5/2016	Pesticide	Bromacil	n/a	=	5.06	µg/L	EPA 525.2	0.038	1			
2016/17-2	Lab	LCS dup, rec	12/5/2016	Pesticide	Bromacil	n/a	=	101	%	EPA 525.2	-88	-88	62	139	
2016/17-2	Lab	LCS, RPD	12/5/2016	Pesticide	Bromacil	n/a	=	2	%	EPA 525.2	-88	-88	0	30	
2016/17-2	Lab	method blank	12/5/2016	Pesticide	Butachlor	n/a	<	0.017	µg/L	EPA 525.2	0.017	0.2			
2016/17-2	Lab	LCS	12/5/2016	Pesticide	Butachlor	n/a	=	5.35	µg/L	EPA 525.2	0.017	0.2			
2016/17-2	Lab	LCS, rec	12/5/2016	Pesticide	Butachlor	n/a	=	107	%	EPA 525.2	-88	-88	61	127	
2016/17-2	Lab	LCS dup	12/5/2016	Pesticide	Butachlor	n/a	=	5.47	µg/L	EPA 525.2	0.017	0.2			
2016/17-2	Lab	LCS dup, rec	12/5/2016	Pesticide	Butachlor	n/a	=	109	%	EPA 525.2	-88	-88	61	127	
2016/17-2	Lab	LCS, RPD	12/5/2016	Pesticide	Butachlor	n/a	=	2	%	EPA 525.2	-88	-88	0	30	
2016/17-2	Lab	method blank	12/5/2016	Pesticide	Captan	n/a	<	0.86	µg/L	EPA 525.2	0.86	1			
2016/17-2	Lab	LCS	12/5/2016	Pesticide	Captan	n/a	=	4.11	µg/L	EPA 525.2	0.86	1			
2016/17-2	Lab	LCS, rec	12/5/2016	Pesticide	Captan	n/a	=	82	%	EPA 525.2	-88	-88	14	159	
2016/17-2	Lab	LCS dup	12/5/2016	Pesticide	Captan	n/a	=	4.05	µg/L	EPA 525.2	0.86	1			
2016/17-2	Lab	LCS dup, rec	12/5/2016	Pesticide	Captan	n/a	=	81	%	EPA 525.2	-88	-88	14	159	
2016/17-2	Lab	LCS, RPD	12/5/2016	Pesticide	Captan	n/a	=	1	%	EPA 525.2	-88	-88	0	30	
2016/17-2	Lab	method blank	12/20/2016	Pesticide	Chlordane (technical)	n/a	<	0.08	µg/L	EPA 608	0.08	0.1			
2016/17-2	Lab	method blank	12/22/2016	Pesticide	Chlordane (technical)	n/a	<	0.08	µg/L	EPA 608	0.08	0.1			
2016/17-2	Lab	method blank	12/23/2016	Pesticide	Chlordane (technical)	n/a	<	0.08	µg/L	EPA 608	0.08	0.1			
2016/17-2	Lab	method blank	12/5/2016	Pesticide	Chloropropham	n/a	<	0.01	µg/L	EPA 525.2	0.01	0.1			
2016/17-2	Lab	LCS	12/5/2016	Pesticide	Chloropropham	n/a	=	5.09	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	
2016/17-2	Lab	LCS, rec	12/5/2016	Pesticide	Chloropropham	n/a	=	102	%	EPA 525.2	-88	-88	77	143	
2016/17-2	Lab	LCS dup	12/5/2016	Pesticide	Chloropropham	n/a	=	4.94	µg/L	EPA 525.2	0.01	0.1			
2016/17-2	Lab	LCS dup, rec	12/5/2016	Pesticide	Chloropropham	n/a	=	99	%	EPA 525.2	-88	-88	77	143	
2016/17-2	Lab	LCS, RPD	12/5/2016	Pesticide	Chloropropham	n/a	=	3	%	EPA 525.2	-88	-88	0	30	
2016/17-2	000NONPJ	matrix spike	11/30/2016	Pesticide	Chlorpyrifos	n/a	=	0.0695	µg/L	EPA 525.2m	0.0069	0.01			
2016/17-2	000NONPJ	matrix spike, rec	11/30/2016	Pesticide	Chlorpyrifos	n/a	=	139	%	EPA 525.2m	-88	-88	37	168	
2016/17-2	000NONPJ	matrix spike dup	11/30/2016	Pesticide	Chlorpyrifos	n/a	=	0.0687	µg/L	EPA 525.2m	0.0069	0.01			
2016/17-2	000NONPJ	matrix spike dup, rec	11/30/2016	Pesticide	Chlorpyrifos	n/a	=	137	%	EPA 525.2m	-88	-88	37	168	
2016/17-2	000NONPJ	matrix spike, RPD	11/30/2016	Pesticide	Chlorpyrifos	n/a	=	1	%	EPA 525.2m	-88	-88	0	30	
2016/17-2	000NONPJ	matrix spike	11/30/2016	Pesticide	Chlorpyrifos	n/a	=	0.0626	µg/L	EPA 525.2m	0.0069	0.01			
2016/17-2	000NONPJ	matrix spike, rec	11/30/2016	Pesticide	Chlorpyrifos	n/a	=	125	%	EPA 525.2m	-88	-88	37	168	
2016/17-2	Lab	method blank	11/30/2016	Pesticide	Chlorpyrifos	n/a	<	0.0069	µg/L	EPA 525.2m	0.0069	0.01			
2016/17-2	Lab	LCS	11/30/2016	Pesticide	Chlorpyrifos	n/a	=	0.0564	µg/L	EPA 525.2m	0.0069	0.01			
2016/17-2	Lab	LCS, rec	11/30/2016	Pesticide	Chlorpyrifos	n/a	=	113	%	EPA 525.2m	-88	-88	37	169	
2016/17-2	Lab	method blank	11/30/2016	Pesticide	Chlorpyrifos	n/a	<	0.0069	µg/L	EPA 525.2m	0.0069	0.01			
2016/17-2	Lab	LCS	11/30/2016	Pesticide	Chlorpyrifos	n/a	=	0.0458	µg/L	EPA 525.2m	0.0069	0.01			
2016/17-2	Lab	LCS, rec	11/30/2016	Pesticide	Chlorpyrifos	n/a	=	92	%	EPA 525.2m	-88	-88	37	169	
2016/17-2	000NONPJ	matrix spike	11/30/2016	Pesticide	Coumaphos	n/a	=	0.0556	µg/L	EPA 525.2m	0.0051	0.01			
2016/17-2	000NONPJ	matrix spike, rec	11/30/2016	Pesticide	Coumaphos	n/a	=	111	%	EPA 525.2m	-88	-88	0.1	203	
2016/17-2	000NONPJ	matrix spike dup	11/30/2016	Pesticide	Coumaphos	n/a	=	0.0647	µg/L	EPA 525.2m	0.0051	0.01			
2016/17-2	000NONPJ	matrix spike dup, rec	11/30/2016	Pesticide	Coumaphos	n/a	=	129	%	EPA 525.2m	-88	-88	0.1	203	
2016/17-2	000NONPJ	matrix spike, RPD	11/30/2016	Pesticide	Coumaphos	n/a	=	15	%	EPA 525.2m	-88	-88	0	30	
2016/17-2	000NONPJ	matrix spike	11/30/2016	Pesticide	Coumaphos	n/a	=	0.0676	µg/L	EPA 525.2m	0.0051	0.01			
2016/17-2	000NONPJ	matrix spike, rec	11/30/2016	Pesticide	Coumaphos	n/a	=	135	%	EPA 525.2m	-88	-88	0.1	203	
2016/17-2	Lab	method blank	11/30/2016	Pesticide	Coumaphos	n/a	<	0.0051	µg/L	EPA 525.2m	0.0051	0.01			
2016/17-2	Lab	LCS	11/30/2016	Pesticide	Coumaphos	n/a	=	0.0554	µg/L	EPA 525.2m	0.0051	0.01			
2016/17-2	Lab	LCS, rec	11/30/2016	Pesticide	Coumaphos	n/a	=	111	%	EPA 525.2m	-88	-88	0.1	225	
2016/17-2	Lab	method blank	11/30/2016	Pesticide	Coumaphos	n/a	<	0.0051	µg/L	EPA 525.2m	0.0051	0.01			
2016/17-2	Lab	LCS	11/30/2016	Pesticide	Coumaphos	n/a	=	0.0633	µg/L	EPA 525.2m	0.0051	0.01			
2016/17-2	Lab	LCS, rec	11/30/2016	Pesticide	Coumaphos	n/a	=	127	%	EPA 525.2m	-88	-88	0.1	225	
2016/17-2	Lab	method blank	12/5/2016	Pesticide	Cyanazine	n/a	<	0.024	µg/L	EPA 525.2	0.024	0.1			
2016/17-2	Lab	LCS	12/5/2016	Pesticide	Cyanazine	n/a	=	5.23	µg/L	EPA 525.2	0.024	0.1			
2016/17-2	Lab	LCS, rec	12/5/2016	Pesticide	Cyanazine	n/a	=	105	%	EPA 525.2	-88	-88	61	129	
2016/17-2	Lab	LCS dup	12/5/2016	Pesticide	Cyanazine	n/a	=	4.69	µg/L	EPA 525.2	0.024	0.1			
2016/17-2	Lab	LCS dup, rec	12/5/2016	Pesticide	Cyanazine	n/a	=	94	%	EPA 525.2	-88	-88	61	129	
2016/17-2	Lab	LCS, RPD	12/5/2016	Pesticide	Cyanazine	n/a	=	11	%	EPA 525.2	-88	-88	0	30	
2016/17-2	000NONPJ	matrix spike	12/3/2016	Pesticide	Dalapon	n/a	=	6.01	µg/L	EPA 515.3	0.1	0.4			
2016/17-2	000NONPJ	matrix spike, rec	12/3/2016	Pesticide	Dalapon	n/a	=	75	%	EPA 515.3	-88	-88	70	130	
2016/17-2	000NONPJ	matrix spike dup	12/3/2016	Pesticide	Dalapon	n/a	=	6.25	µg/L	EPA 515.3	0.1	0.4			
2016/17-2	000NONPJ	matrix spike dup, rec	12/3/2016	Pesticide	Dalapon	n/a	=	78	%	EPA 515.3	-88	-88	70	130	
2016/17-2	000NONPJ	matrix spike, RPD	12/3/2016	Pesticide	Dalapon	n/a	=	4	%	EPA 515.3	-88	-88	0	30	
2016/17-2	000NONPJ	matrix spike	12/3/2016	Pesticide	Dalapon	n/a	=	6.23	µg/L	EPA 515.3	0.1	0.4			
2016/17-2	000NONPJ	matrix spike, rec	12/3/2016	Pesticide	Dalapon	n/a	=	78	%	EPA 515.3	-88	-88	70	130	
2016/17-2	000NONPJ	matrix spike dup	12/3/2016	Pesticide	Dalapon	n/a	=	6.68	µg/L	EPA 515.3	0.1	0.4			
2016/17-2	000NONPJ	matrix spike dup, rec	12/3/2016	Pesticide	Dalapon	n/a	=	83	%	EPA 515.3	-88	-88	70	130	
2016/17-2	000NONPJ	matrix spike, RPD	12/3/2016	Pesticide	Dalapon	n/a	=	7	%	EPA 515.3	-88	-88	0	30	
2016/17-2	Lab	method blank	12/3/2016	Pesticide	Dalapon	n/a	<	0.1	µg/L	EPA 515.3	0.1	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	
2016/17-2	Lab	LCS	12/3/2016	Pesticide	Dalapon	n/a	=	6.39	µg/L	EPA 515.3	0.1	0.4			
2016/17-2	Lab	LCS, rec	12/3/2016	Pesticide	Dalapon	n/a	=	80	%	EPA 515.3	-88	-88	70	130	
2016/17-2	000NONPJ	matrix spike	12/3/2016	Pesticide	DCPA (Dacthal)	n/a	=	3.42	µg/L	EPA 515.3	0.07	0.1			
2016/17-2	000NONPJ	matrix spike, rec	12/3/2016	Pesticide	DCPA (Dacthal)	n/a	=	85	%	EPA 515.3	-88	-88	70	130	
2016/17-2	000NONPJ	matrix spike dup	12/3/2016	Pesticide	DCPA (Dacthal)	n/a	=	3.53	µg/L	EPA 515.3	0.07	0.1			
2016/17-2	000NONPJ	matrix spike dup, rec	12/3/2016	Pesticide	DCPA (Dacthal)	n/a	=	88	%	EPA 515.3	-88	-88	70	130	
2016/17-2	000NONPJ	matrix spike, RPD	12/3/2016	Pesticide	DCPA (Dacthal)	n/a	=	3	%	EPA 515.3	-88	-88	0	30	
2016/17-2	000NONPJ	matrix spike	12/3/2016	Pesticide	DCPA (Dacthal)	n/a	=	3.62	µg/L	EPA 515.3	0.07	0.1			
2016/17-2	000NONPJ	matrix spike, rec	12/3/2016	Pesticide	DCPA (Dacthal)	n/a	=	91	%	EPA 515.3	-88	-88	70	130	
2016/17-2	000NONPJ	matrix spike dup	12/3/2016	Pesticide	DCPA (Dacthal)	n/a	=	3.51	µg/L	EPA 515.3	0.07	0.1			
2016/17-2	000NONPJ	matrix spike dup, rec	12/3/2016	Pesticide	DCPA (Dacthal)	n/a	=	88	%	EPA 515.3	-88	-88	70	130	
2016/17-2	000NONPJ	matrix spike, RPD	12/3/2016	Pesticide	DCPA (Dacthal)	n/a	=	3	%	EPA 515.3	-88	-88	0	30	
2016/17-2	Lab	method blank	12/3/2016	Pesticide	DCPA (Dacthal)	n/a	<	0.07	µg/L	EPA 515.3	0.07	0.1			
2016/17-2	Lab	LCS	12/3/2016	Pesticide	DCPA (Dacthal)	n/a	=	3.45	µg/L	EPA 515.3	0.07	0.1			
2016/17-2	Lab	LCS, rec	12/3/2016	Pesticide	DCPA (Dacthal)	n/a	=	86	%	EPA 515.3	-88	-88	70	130	
2016/17-2	000NONPJ	matrix spike	12/22/2016	Pesticide	delta-BHC	n/a	=	0.0549	µg/L	EPA 608	0.005	0.01			
2016/17-2	000NONPJ	matrix spike, rec	12/22/2016	Pesticide	delta-BHC	n/a	=	49	%	EPA 608	-88	-88	37	122	
2016/17-2	000NONPJ	matrix spike dup	12/22/2016	Pesticide	delta-BHC	n/a	=	0.0497	µg/L	EPA 608	0.005	0.01			
2016/17-2	000NONPJ	matrix spike dup, rec	12/22/2016	Pesticide	delta-BHC	n/a	=	45	%	EPA 608	-88	-88	37	122	
2016/17-2	000NONPJ	matrix spike, RPD	12/22/2016	Pesticide	delta-BHC	n/a	=	10	%	EPA 608	-88	-88	0	30	
2016/17-2	Lab	method blank	12/20/2016	Pesticide	delta-BHC	n/a	<	0.0025	µg/L	EPA 608	0.0025	0.005			
2016/17-2	Lab	LCS	12/20/2016	Pesticide	delta-BHC	n/a	=	0.104	µg/L	EPA 608	0.0025	0.005			
2016/17-2	Lab	LCS, rec	12/20/2016	Pesticide	delta-BHC	n/a	=	104	%	EPA 608	-88	-88	51	123	
2016/17-2	Lab	LCS dup	12/20/2016	Pesticide	delta-BHC	n/a	=	0.0998	µg/L	EPA 608	0.0025	0.005			
2016/17-2	Lab	LCS dup, rec	12/20/2016	Pesticide	delta-BHC	n/a	=	100	%	EPA 608	-88	-88	51	123	
2016/17-2	Lab	LCS, RPD	12/20/2016	Pesticide	delta-BHC	n/a	=	4	%	EPA 608	-88	-88	0	30	
2016/17-2	Lab	method blank	12/22/2016	Pesticide	delta-BHC	n/a	<	0.0025	µg/L	EPA 608	0.0025	0.005			
2016/17-2	Lab	LCS	12/22/2016	Pesticide	delta-BHC	n/a	=	0.092	µg/L	EPA 608	0.0025	0.005			
2016/17-2	Lab	LCS, rec	12/22/2016	Pesticide	delta-BHC	n/a	=	92	%	EPA 608	-88	-88	51	123	
2016/17-2	Lab	method blank	12/23/2016	Pesticide	delta-BHC	n/a	<	0.0025	µg/L	EPA 608	0.0025	0.005			
2016/17-2	Lab	LCS	12/23/2016	Pesticide	delta-BHC	n/a	=	0.079	µg/L	EPA 608	0.0025	0.005			
2016/17-2	Lab	LCS, rec	12/23/2016	Pesticide	delta-BHC	n/a	=	79	%	EPA 608	-88	-88	51	123	
2016/17-2	Lab	LCS dup	12/23/2016	Pesticide	delta-BHC	n/a	=	0.0926	µg/L	EPA 608	0.0025	0.005			
2016/17-2	Lab	LCS dup, rec	12/23/2016	Pesticide	delta-BHC	n/a	=	93	%	EPA 608	-88	-88	51	123	
2016/17-2	Lab	LCS, RPD	12/23/2016	Pesticide	delta-BHC	n/a	=	16	%	EPA 608	-88	-88	0	30	
2016/17-2	000NONPJ	matrix spike	11/30/2016	Pesticide	Demeton-O	n/a	=	0.0487	µg/L	EPA 525.2m	0.01	0.01			
2016/17-2	000NONPJ	matrix spike, rec	11/30/2016	Pesticide	Demeton-O	n/a	=	97	%	EPA 525.2m	-88	-88	0.1	208	
2016/17-2	000NONPJ	matrix spike dup	11/30/2016	Pesticide	Demeton-O	n/a	=	0.0493	µg/L	EPA 525.2m	0.01	0.01			
2016/17-2	000NONPJ	matrix spike dup, rec	11/30/2016	Pesticide	Demeton-O	n/a	=	99	%	EPA 525.2m	-88	-88	0.1	208	
2016/17-2	000NONPJ	matrix spike, RPD	11/30/2016	Pesticide	Demeton-O	n/a	=	1	%	EPA 525.2m	-88	-88	0	30	
2016/17-2	000NONPJ	matrix spike	11/30/2016	Pesticide	Demeton-O	n/a	=	0.0299	µg/L	EPA 525.2m	0.01	0.01			
2016/17-2	000NONPJ	matrix spike, rec	11/30/2016	Pesticide	Demeton-O	n/a	=	60	%	EPA 525.2m	-88	-88	0.1	208	
2016/17-2	Lab	method blank	11/30/2016	Pesticide	Demeton-O	n/a	<	0.01	µg/L	EPA 525.2m	0.01	0.01			
2016/17-2	Lab	LCS	11/30/2016	Pesticide	Demeton-O	n/a	=	0.0157	µg/L	EPA 525.2m	0.01	0.01			
2016/17-2	Lab	LCS, rec	11/30/2016	Pesticide	Demeton-O	n/a	=	31	%	EPA 525.2m	-88	-88	0.1	211	
2016/17-2	Lab	method blank	11/30/2016	Pesticide	Demeton-O	n/a	<	0.01	µg/L	EPA 525.2m	0.01	0.01			
2016/17-2	Lab	LCS	11/30/2016	Pesticide	Demeton-O	n/a	=	0.0102	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	
2016/17-2	Lab	LCS, rec	11/30/2016	Pesticide	Demeton-O	n/a	=	20	%	EPA 525.2m	-88	-88	0.1	211	
2016/17-2	000NONPJ	matrix spike	11/30/2016	Pesticide	Demeton-S	n/a	=	0.0679	µg/L	EPA 525.2m	0.01	0.01			
2016/17-2	000NONPJ	matrix spike, rec	11/30/2016	Pesticide	Demeton-S	n/a	=	136	%	EPA 525.2m	-88	-88	0.1	207	
2016/17-2	000NONPJ	matrix spike dup	11/30/2016	Pesticide	Demeton-S	n/a	=	0.0784	µg/L	EPA 525.2m	0.01	0.01			
2016/17-2	000NONPJ	matrix spike dup, rec	11/30/2016	Pesticide	Demeton-S	n/a	=	157	%	EPA 525.2m	-88	-88	0.1	207	
2016/17-2	000NONPJ	matrix spike, RPD	11/30/2016	Pesticide	Demeton-S	n/a	=	14	%	EPA 525.2m	-88	-88	0	30	
2016/17-2	000NONPJ	matrix spike	11/30/2016	Pesticide	Demeton-S	n/a	=	0.0706	µg/L	EPA 525.2m	0.01	0.01			
2016/17-2	000NONPJ	matrix spike, rec	11/30/2016	Pesticide	Demeton-S	n/a	=	141	%	EPA 525.2m	-88	-88	0.1	207	
2016/17-2	Lab	method blank	11/30/2016	Pesticide	Demeton-S	n/a	<	0.01	µg/L	EPA 525.2m	0.01	0.01			
2016/17-2	Lab	LCS	11/30/2016	Pesticide	Demeton-S	n/a	=	0.0582	µg/L	EPA 525.2m	0.01	0.01			
2016/17-2	Lab	LCS, rec	11/30/2016	Pesticide	Demeton-S	n/a	=	116	%	EPA 525.2m	-88	-88	0.1	213	
2016/17-2	Lab	method blank	11/30/2016	Pesticide	Demeton-S	n/a	<	0.01	µg/L	EPA 525.2m	0.01	0.01			
2016/17-2	Lab	LCS	11/30/2016	Pesticide	Demeton-S	n/a	=	0.0571	µg/L	EPA 525.2m	0.01	0.01			
2016/17-2	Lab	LCS, rec	11/30/2016	Pesticide	Demeton-S	n/a	=	114	%	EPA 525.2m	-88	-88	0.1	213	
2016/17-2	000NONPJ	matrix spike	11/30/2016	Pesticide	Diazinon	n/a	=	0.0577	µg/L	EPA 525.2m	0.0052	0.01			
2016/17-2	000NONPJ	matrix spike, rec	11/30/2016	Pesticide	Diazinon	n/a	=	115	%	EPA 525.2m	-88	-88	36	153	
2016/17-2	000NONPJ	matrix spike dup	11/30/2016	Pesticide	Diazinon	n/a	=	0.063	µg/L	EPA 525.2m	0.0052	0.01			
2016/17-2	000NONPJ	matrix spike dup, rec	11/30/2016	Pesticide	Diazinon	n/a	=	126	%	EPA 525.2m	-88	-88	36	153	
2016/17-2	000NONPJ	matrix spike, RPD	11/30/2016	Pesticide	Diazinon	n/a	=	9	%	EPA 525.2m	-88	-88	0	30	
2016/17-2	000NONPJ	matrix spike	11/30/2016	Pesticide	Diazinon	n/a	=	0.0442	µg/L	EPA 525.2m	0.0052	0.01			
2016/17-2	000NONPJ	matrix spike, rec	11/30/2016	Pesticide	Diazinon	n/a	=	88	%	EPA 525.2m	-88	-88	36	153	
2016/17-2	Lab	method blank	11/30/2016	Pesticide	Diazinon	n/a	<	0.0052	µg/L	EPA 525.2m	0.0052	0.01			
2016/17-2	Lab	LCS	11/30/2016	Pesticide	Diazinon	n/a	=	0.0312	µg/L	EPA 525.2m	0.0052	0.01			
2016/17-2	Lab	LCS, rec	11/30/2016	Pesticide	Diazinon	n/a	=	62	%	EPA 525.2m	-88	-88	43	152	
2016/17-2	Lab	method blank	11/30/2016	Pesticide	Diazinon	n/a	<	0.0052	µg/L	EPA 525.2m	0.0052	0.01			
2016/17-2	Lab	LCS	11/30/2016	Pesticide	Diazinon	n/a	=	0.0212	µg/L	EPA 525.2m	0.0052	0.01			EUM
2016/17-2	Lab	LCS, rec	11/30/2016	Pesticide	Diazinon	n/a	=	42	%	EPA 525.2m	-88	-88	43	152	EUM
2016/17-2	Lab	method blank	12/5/2016	Pesticide	Diazinon	n/a	<	0.096	µg/L	EPA 525.2	0.096	0.1			
2016/17-2	Lab	LCS	12/5/2016	Pesticide	Diazinon	n/a	=	4.78	µg/L	EPA 525.2	0.096	0.1			
2016/17-2	Lab	LCS, rec	12/5/2016	Pesticide	Diazinon	n/a	=	96	%	EPA 525.2	-88	-88	30	120	
2016/17-2	Lab	LCS dup	12/5/2016	Pesticide	Diazinon	n/a	=	4.62	µg/L	EPA 525.2	0.096	0.1			
2016/17-2	Lab	LCS dup, rec	12/5/2016	Pesticide	Diazinon	n/a	=	92	%	EPA 525.2	-88	-88	30	120	
2016/17-2	Lab	LCS, RPD	12/5/2016	Pesticide	Diazinon	n/a	=	3	%	EPA 525.2	-88	-88	0	30	
2016/17-2	000NONPJ	matrix spike	12/3/2016	Pesticide	Dicamba	n/a	=	7.47	µg/L	EPA 515.3	0.12	0.6			
2016/17-2	000NONPJ	matrix spike, rec	12/3/2016	Pesticide	Dicamba	n/a	=	93	%	EPA 515.3	-88	-88	70	130	
2016/17-2	000NONPJ	matrix spike dup	12/3/2016	Pesticide	Dicamba	n/a	=	7.49	µg/L	EPA 515.3	0.12	0.6			
2016/17-2	000NONPJ	matrix spike dup, rec	12/3/2016	Pesticide	Dicamba	n/a	=	94	%	EPA 515.3	-88	-88	70	130	
2016/17-2	000NONPJ	matrix spike, RPD	12/3/2016	Pesticide	Dicamba	n/a	=	0.2	%	EPA 515.3	-88	-88	0	30	
2016/17-2	000NONPJ	matrix spike	12/3/2016	Pesticide	Dicamba	n/a	=	7.8	µg/L	EPA 515.3	0.12	0.6			
2016/17-2	000NONPJ	matrix spike, rec	12/3/2016	Pesticide	Dicamba	n/a	=	97	%	EPA 515.3	-88	-88	70	130	
2016/17-2	000NONPJ	matrix spike dup	12/3/2016	Pesticide	Dicamba	n/a	=	7.46	µg/L	EPA 515.3	0.12	0.6			
2016/17-2	000NONPJ	matrix spike dup, rec	12/3/2016	Pesticide	Dicamba	n/a	=	93	%	EPA 515.3	-88	-88	70	130	
2016/17-2	000NONPJ	matrix spike, RPD	12/3/2016	Pesticide	Dicamba	n/a	=	4	%	EPA 515.3	-88	-88	0	30	
2016/17-2	Lab	method blank	12/3/2016	Pesticide	Dicamba	n/a	<	0.12	µg/L	EPA 515.3	0.12	0.6			
2016/17-2	Lab	LCS	12/3/2016	Pesticide	Dicamba	n/a	=	7.22	µg/L	EPA 515.3	0.12	0.6			
2016/17-2	Lab	LCS, rec	12/3/2016	Pesticide	Dicamba	n/a	=	90	%	EPA 515.3	-88	-88	70	130	
2016/17-2	000NONPJ	matrix spike	12/3/2016	Pesticide	Dichlorprop	n/a	=	8.34	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	
2016/17-2	000NONPJ	matrix spike, rec	12/3/2016	Pesticide	Dichlorprop	n/a	=	104	%	EPA 515.3	-88	-88	70	130	
2016/17-2	000NONPJ	matrix spike dup	12/3/2016	Pesticide	Dichlorprop	n/a	=	8.41	µg/L	EPA 515.3	0.08	0.3			
2016/17-2	000NONPJ	matrix spike dup, rec	12/3/2016	Pesticide	Dichlorprop	n/a	=	105	%	EPA 515.3	-88	-88	70	130	
2016/17-2	000NONPJ	matrix spike, RPD	12/3/2016	Pesticide	Dichlorprop	n/a	=	0.9	%	EPA 515.3	-88	-88	0	30	
2016/17-2	000NONPJ	matrix spike	12/3/2016	Pesticide	Dichlorprop	n/a	=	7.93	µg/L	EPA 515.3	0.08	0.3			
2016/17-2	000NONPJ	matrix spike, rec	12/3/2016	Pesticide	Dichlorprop	n/a	=	99	%	EPA 515.3	-88	-88	70	130	
2016/17-2	000NONPJ	matrix spike dup	12/3/2016	Pesticide	Dichlorprop	n/a	=	8.82	µg/L	EPA 515.3	0.08	0.3			
2016/17-2	000NONPJ	matrix spike dup, rec	12/3/2016	Pesticide	Dichlorprop	n/a	=	110	%	EPA 515.3	-88	-88	70	130	
2016/17-2	000NONPJ	matrix spike, RPD	12/3/2016	Pesticide	Dichlorprop	n/a	=	11	%	EPA 515.3	-88	-88	0	30	
2016/17-2	Lab	method blank	12/3/2016	Pesticide	Dichlorprop	n/a	<	0.08	µg/L	EPA 515.3	0.08	0.3			
2016/17-2	Lab	LCS	12/3/2016	Pesticide	Dichlorprop	n/a	=	7.66	µg/L	EPA 515.3	0.08	0.3			
2016/17-2	Lab	LCS, rec	12/3/2016	Pesticide	Dichlorprop	n/a	=	96	%	EPA 515.3	-88	-88	70	130	
2016/17-2	000NONPJ	matrix spike	11/30/2016	Pesticide	Dichlorvos	n/a	=	0.0486	µg/L	EPA 525.2m	0.0029	0.01			
2016/17-2	000NONPJ	matrix spike, rec	11/30/2016	Pesticide	Dichlorvos	n/a	=	97	%	EPA 525.2m	-88	-88	42	137	
2016/17-2	000NONPJ	matrix spike dup	11/30/2016	Pesticide	Dichlorvos	n/a	=	0.0531	µg/L	EPA 525.2m	0.0029	0.01			
2016/17-2	000NONPJ	matrix spike dup, rec	11/30/2016	Pesticide	Dichlorvos	n/a	=	106	%	EPA 525.2m	-88	-88	42	137	
2016/17-2	000NONPJ	matrix spike, RPD	11/30/2016	Pesticide	Dichlorvos	n/a	=	9	%	EPA 525.2m	-88	-88	0	30	
2016/17-2	000NONPJ	matrix spike	11/30/2016	Pesticide	Dichlorvos	n/a	=	0.0462	µg/L	EPA 525.2m	0.0029	0.01			
2016/17-2	000NONPJ	matrix spike, rec	11/30/2016	Pesticide	Dichlorvos	n/a	=	92	%	EPA 525.2m	-88	-88	42	137	
2016/17-2	Lab	method blank	11/30/2016	Pesticide	Dichlorvos	n/a	<	0.0029	µg/L	EPA 525.2m	0.0029	0.01			
2016/17-2	Lab	LCS	11/30/2016	Pesticide	Dichlorvos	n/a	=	0.0493	µg/L	EPA 525.2m	0.0029	0.01			
2016/17-2	Lab	LCS, rec	11/30/2016	Pesticide	Dichlorvos	n/a	=	99	%	EPA 525.2m	-88	-88	46	133	
2016/17-2	Lab	method blank	11/30/2016	Pesticide	Dichlorvos	n/a	<	0.0029	µg/L	EPA 525.2m	0.0029	0.01			
2016/17-2	Lab	LCS	11/30/2016	Pesticide	Dichlorvos	n/a	=	0.0464	µg/L	EPA 525.2m	0.0029	0.01			
2016/17-2	Lab	LCS, rec	11/30/2016	Pesticide	Dichlorvos	n/a	=	93	%	EPA 525.2m	-88	-88	46	133	
2016/17-2	000NONPJ	matrix spike	12/22/2016	Pesticide	Dieldrin	n/a	=	0.0751	µg/L	EPA 608	0.0042	0.02			
2016/17-2	000NONPJ	matrix spike, rec	12/22/2016	Pesticide	Dieldrin	n/a	=	68	%	EPA 608	-88	-88	27	132	
2016/17-2	000NONPJ	matrix spike dup	12/22/2016	Pesticide	Dieldrin	n/a	=	0.0662	µg/L	EPA 608	0.0042	0.02			
2016/17-2	000NONPJ	matrix spike dup, rec	12/22/2016	Pesticide	Dieldrin	n/a	=	60	%	EPA 608	-88	-88	27	132	
2016/17-2	000NONPJ	matrix spike, RPD	12/22/2016	Pesticide	Dieldrin	n/a	=	13	%	EPA 608	-88	-88	0	30	
2016/17-2	Lab	method blank	12/20/2016	Pesticide	Dieldrin	n/a	<	0.0021	µg/L	EPA 608	0.0021	0.01			
2016/17-2	Lab	LCS	12/20/2016	Pesticide	Dieldrin	n/a	=	0.0973	µg/L	EPA 608	0.0021	0.01			
2016/17-2	Lab	LCS, rec	12/20/2016	Pesticide	Dieldrin	n/a	=	97	%	EPA 608	-88	-88	48	123	
2016/17-2	Lab	LCS dup	12/20/2016	Pesticide	Dieldrin	n/a	=	0.0949	µg/L	EPA 608	0.0021	0.01			
2016/17-2	Lab	LCS dup, rec	12/20/2016	Pesticide	Dieldrin	n/a	=	95	%	EPA 608	-88	-88	48	123	
2016/17-2	Lab	LCS, RPD	12/20/2016	Pesticide	Dieldrin	n/a	=	2	%	EPA 608	-88	-88	0	30	
2016/17-2	Lab	method blank	12/22/2016	Pesticide	Dieldrin	n/a	<	0.0021	µg/L	EPA 608	0.0021	0.01			
2016/17-2	Lab	LCS	12/22/2016	Pesticide	Dieldrin	n/a	=	0.0876	µg/L	EPA 608	0.0021	0.01			
2016/17-2	Lab	LCS, rec	12/22/2016	Pesticide	Dieldrin	n/a	=	88	%	EPA 608	-88	-88	48	123	
2016/17-2	Lab	method blank	12/23/2016	Pesticide	Dieldrin	n/a	<	0.0021	µg/L	EPA 608	0.0021	0.01			
2016/17-2	Lab	LCS	12/23/2016	Pesticide	Dieldrin	n/a	=	0.0876	µg/L	EPA 608	0.0021	0.01			
2016/17-2	Lab	LCS, rec	12/23/2016	Pesticide	Dieldrin	n/a	=	88	%	EPA 608	-88	-88	48	123	
2016/17-2	Lab	LCS dup	12/23/2016	Pesticide	Dieldrin	n/a	=	0.108	µg/L	EPA 608	0.0021	0.01			
2016/17-2	Lab	LCS dup, rec	12/23/2016	Pesticide	Dieldrin	n/a	=	108	%	EPA 608	-88	-88	48	123	
2016/17-2	Lab	LCS, RPD	12/23/2016	Pesticide	Dieldrin	n/a	=	21	%	EPA 608	-88	-88	0	30	
2016/17-2	000NONPJ	matrix spike	11/30/2016	Pesticide	Dimethoate	n/a	=	0.0531	µg/L	EPA 525.2m	0.0062	0.01			
2016/17-2	000NONPJ	matrix spike, rec	11/30/2016	Pesticide	Dimethoate	n/a	=	106	%	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	
2016/17-2	000NONPJ	matrix spike dup	11/30/2016	Pesticide	Dimethoate	n/a	=	0.0573	µg/L	EPA 525.2m	0.0062	0.01			
2016/17-2	000NONPJ	matrix spike dup, rec	11/30/2016	Pesticide	Dimethoate	n/a	=	115	%	EPA 525.2m	-88	-88	4	222	
2016/17-2	000NONPJ	matrix spike, RPD	11/30/2016	Pesticide	Dimethoate	n/a	=	8	%	EPA 525.2m	-88	-88	0	30	
2016/17-2	000NONPJ	matrix spike	11/30/2016	Pesticide	Dimethoate	n/a	=	0.0355	µg/L	EPA 525.2m	0.0062	0.01			
2016/17-2	000NONPJ	matrix spike, rec	11/30/2016	Pesticide	Dimethoate	n/a	=	71	%	EPA 525.2m	-88	-88	4	222	
2016/17-2	Lab	method blank	11/30/2016	Pesticide	Dimethoate	n/a	<	0.0062	µg/L	EPA 525.2m	0.0062	0.01			
2016/17-2	Lab	LCS	11/30/2016	Pesticide	Dimethoate	n/a	=	0.0391	µg/L	EPA 525.2m	0.0062	0.01			
2016/17-2	Lab	LCS, rec	11/30/2016	Pesticide	Dimethoate	n/a	=	78	%	EPA 525.2m	-88	-88	10	234	
2016/17-2	Lab	method blank	11/30/2016	Pesticide	Dimethoate	n/a	<	0.0062	µg/L	EPA 525.2m	0.0062	0.01			
2016/17-2	Lab	LCS	11/30/2016	Pesticide	Dimethoate	n/a	=	0.0382	µg/L	EPA 525.2m	0.0062	0.01			
2016/17-2	Lab	LCS, rec	11/30/2016	Pesticide	Dimethoate	n/a	=	76	%	EPA 525.2m	-88	-88	10	234	
2016/17-2	Lab	method blank	12/5/2016	Pesticide	Dimethoate	n/a	<	0.024	µg/L	EPA 525.2	0.024	0.2			
2016/17-2	Lab	LCS	12/5/2016	Pesticide	Dimethoate	n/a	=	3.4	µg/L	EPA 525.2	0.024	0.2			
2016/17-2	Lab	LCS, rec	12/5/2016	Pesticide	Dimethoate	n/a	=	68	%	EPA 525.2	-88	-88	38	102	
2016/17-2	Lab	LCS dup	12/5/2016	Pesticide	Dimethoate	n/a	=	3.16	µg/L	EPA 525.2	0.024	0.2			
2016/17-2	Lab	LCS dup, rec	12/5/2016	Pesticide	Dimethoate	n/a	=	63	%	EPA 525.2	-88	-88	38	102	
2016/17-2	Lab	LCS, RPD	12/5/2016	Pesticide	Dimethoate	n/a	=	7	%	EPA 525.2	-88	-88	0	30	
2016/17-2	000NONPJ	matrix spike	12/3/2016	Pesticide	Dinoseb	n/a	=	3.83	µg/L	EPA 515.3	0.14	0.4			
2016/17-2	000NONPJ	matrix spike, rec	12/3/2016	Pesticide	Dinoseb	n/a	=	96	%	EPA 515.3	-88	-88	70	130	
2016/17-2	000NONPJ	matrix spike dup	12/3/2016	Pesticide	Dinoseb	n/a	=	3.86	µg/L	EPA 515.3	0.14	0.4			
2016/17-2	000NONPJ	matrix spike dup, rec	12/3/2016	Pesticide	Dinoseb	n/a	=	96	%	EPA 515.3	-88	-88	70	130	
2016/17-2	000NONPJ	matrix spike, RPD	12/3/2016	Pesticide	Dinoseb	n/a	=	0.7	%	EPA 515.3	-88	-88	0	30	
2016/17-2	000NONPJ	matrix spike	12/3/2016	Pesticide	Dinoseb	n/a	=	4.22	µg/L	EPA 515.3	0.14	0.4			
2016/17-2	000NONPJ	matrix spike, rec	12/3/2016	Pesticide	Dinoseb	n/a	=	105	%	EPA 515.3	-88	-88	70	130	
2016/17-2	000NONPJ	matrix spike dup	12/3/2016	Pesticide	Dinoseb	n/a	=	4.18	µg/L	EPA 515.3	0.14	0.4			
2016/17-2	000NONPJ	matrix spike dup, rec	12/3/2016	Pesticide	Dinoseb	n/a	=	104	%	EPA 515.3	-88	-88	70	130	
2016/17-2	000NONPJ	matrix spike, RPD	12/3/2016	Pesticide	Dinoseb	n/a	=	1	%	EPA 515.3	-88	-88	0	30	
2016/17-2	Lab	method blank	12/3/2016	Pesticide	Dinoseb	n/a	<	0.14	µg/L	EPA 515.3	0.14	0.4			
2016/17-2	Lab	LCS	12/3/2016	Pesticide	Dinoseb	n/a	=	3.7	µg/L	EPA 515.3	0.14	0.4			
2016/17-2	Lab	LCS, rec	12/3/2016	Pesticide	Dinoseb	n/a	=	93	%	EPA 515.3	-88	-88	70	130	
2016/17-2	Lab	method blank	12/5/2016	Pesticide	Diphenamid	n/a	<	0.024	µg/L	EPA 525.2	0.024	0.1			
2016/17-2	Lab	LCS	12/5/2016	Pesticide	Diphenamid	n/a	=	5.45	µg/L	EPA 525.2	0.024	0.1			
2016/17-2	Lab	LCS, rec	12/5/2016	Pesticide	Diphenamid	n/a	=	109	%	EPA 525.2	-88	-88	77	124	
2016/17-2	Lab	LCS dup	12/5/2016	Pesticide	Diphenamid	n/a	=	5.09	µg/L	EPA 525.2	0.024	0.1			
2016/17-2	Lab	LCS dup, rec	12/5/2016	Pesticide	Diphenamid	n/a	=	102	%	EPA 525.2	-88	-88	77	124	
2016/17-2	Lab	LCS, RPD	12/5/2016	Pesticide	Diphenamid	n/a	=	7	%	EPA 525.2	-88	-88	0	30	
2016/17-2	000NONPJ	matrix spike	11/30/2016	Pesticide	Disulfoton	n/a	=	0.066	µg/L	EPA 525.2m	0.01	0.01			
2016/17-2	000NONPJ	matrix spike, rec	11/30/2016	Pesticide	Disulfoton	n/a	=	132	%	EPA 525.2m	-88	-88	12	199	
2016/17-2	000NONPJ	matrix spike dup	11/30/2016	Pesticide	Disulfoton	n/a	=	0.0663	µg/L	EPA 525.2m	0.01	0.01			
2016/17-2	000NONPJ	matrix spike dup, rec	11/30/2016	Pesticide	Disulfoton	n/a	=	133	%	EPA 525.2m	-88	-88	12	199	
2016/17-2	000NONPJ	matrix spike, RPD	11/30/2016	Pesticide	Disulfoton	n/a	=	0.5	%	EPA 525.2m	-88	-88	0	30	
2016/17-2	000NONPJ	matrix spike	11/30/2016	Pesticide	Disulfoton	n/a	=	0.0572	µg/L	EPA 525.2m	0.01	0.01			
2016/17-2	000NONPJ	matrix spike, rec	11/30/2016	Pesticide	Disulfoton	n/a	=	114	%	EPA 525.2m	-88	-88	12	199	
2016/17-2	Lab	method blank	11/30/2016	Pesticide	Disulfoton	n/a	<	0.01	µg/L	EPA 525.2m	0.01	0.01			
2016/17-2	Lab	LCS	11/30/2016	Pesticide	Disulfoton	n/a	=	0.044	µg/L	EPA 525.2m	0.01	0.01			
2016/17-2	Lab	LCS, rec	11/30/2016	Pesticide	Disulfoton	n/a	=	88	%	EPA 525.2m	-88	-88	0.1	212	
2016/17-2	Lab	method blank	11/30/2016	Pesticide	Disulfoton	n/a	<	0.01	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	
2016/17-2	Lab	LCS	11/30/2016	Pesticide	Disulfoton	n/a	=	0.0334	µg/L	EPA 525.2m	0.01	0.01			
2016/17-2	Lab	LCS, rec	11/30/2016	Pesticide	Disulfoton	n/a	=	67	%	EPA 525.2m	-88	-88	0.1	212	
2016/17-2	Lab	method blank	12/5/2016	Pesticide	Disulfoton	n/a	<	0.031	µg/L	EPA 525.2	0.031	0.1			
2016/17-2	Lab	LCS	12/5/2016	Pesticide	Disulfoton	n/a	=	4.27	µg/L	EPA 525.2	0.031	0.1			
2016/17-2	Lab	LCS, rec	12/5/2016	Pesticide	Disulfoton	n/a	=	85	%	EPA 525.2	-88	-88	54	156	
2016/17-2	Lab	LCS dup	12/5/2016	Pesticide	Disulfoton	n/a	=	4.17	µg/L	EPA 525.2	0.031	0.1			
2016/17-2	Lab	LCS dup, rec	12/5/2016	Pesticide	Disulfoton	n/a	=	83	%	EPA 525.2	-88	-88	54	156	
2016/17-2	Lab	LCS, RPD	12/5/2016	Pesticide	Disulfoton	n/a	=	2	%	EPA 525.2	-88	-88	0	30	
2016/17-2	000NONPJ	matrix spike	12/22/2016	Pesticide	Endosulfan I	n/a	=	0.0633	µg/L	EPA 608	0.0034	0.04			
2016/17-2	000NONPJ	matrix spike, rec	12/22/2016	Pesticide	Endosulfan I	n/a	=	57	%	EPA 608	-88	-88	0.1	140	
2016/17-2	000NONPJ	matrix spike dup	12/22/2016	Pesticide	Endosulfan I	n/a	=	0.0523	µg/L	EPA 608	0.0034	0.04			
2016/17-2	000NONPJ	matrix spike dup, rec	12/22/2016	Pesticide	Endosulfan I	n/a	=	47	%	EPA 608	-88	-88	0.1	140	
2016/17-2	000NONPJ	matrix spike, RPD	12/22/2016	Pesticide	Endosulfan I	n/a	=	19	%	EPA 608	-88	-88	0	30	
2016/17-2	Lab	method blank	12/20/2016	Pesticide	Endosulfan I	n/a	<	0.0017	µg/L	EPA 608	0.0017	0.02			
2016/17-2	Lab	LCS	12/20/2016	Pesticide	Endosulfan I	n/a	=	0.0932	µg/L	EPA 608	0.0017	0.02			
2016/17-2	Lab	LCS, rec	12/20/2016	Pesticide	Endosulfan I	n/a	=	93	%	EPA 608	-88	-88	14	131	
2016/17-2	Lab	LCS dup	12/20/2016	Pesticide	Endosulfan I	n/a	=	0.0939	µg/L	EPA 608	0.0017	0.02			
2016/17-2	Lab	LCS dup, rec	12/20/2016	Pesticide	Endosulfan I	n/a	=	94	%	EPA 608	-88	-88	14	131	
2016/17-2	Lab	LCS, RPD	12/20/2016	Pesticide	Endosulfan I	n/a	=	0.8	%	EPA 608	-88	-88	0	30	
2016/17-2	Lab	method blank	12/22/2016	Pesticide	Endosulfan I	n/a	<	0.0017	µg/L	EPA 608	0.0017	0.02			
2016/17-2	Lab	LCS	12/22/2016	Pesticide	Endosulfan I	n/a	=	0.0835	µg/L	EPA 608	0.0017	0.02			
2016/17-2	Lab	LCS, rec	12/22/2016	Pesticide	Endosulfan I	n/a	=	83	%	EPA 608	-88	-88	14	131	
2016/17-2	Lab	method blank	12/23/2016	Pesticide	Endosulfan I	n/a	<	0.0017	µg/L	EPA 608	0.0017	0.02			
2016/17-2	Lab	LCS	12/23/2016	Pesticide	Endosulfan I	n/a	=	0.0733	µg/L	EPA 608	0.0017	0.02			
2016/17-2	Lab	LCS, rec	12/23/2016	Pesticide	Endosulfan I	n/a	=	73	%	EPA 608	-88	-88	14	131	
2016/17-2	Lab	LCS dup	12/23/2016	Pesticide	Endosulfan I	n/a	=	0.0898	µg/L	EPA 608	0.0017	0.02			
2016/17-2	Lab	LCS dup, rec	12/23/2016	Pesticide	Endosulfan I	n/a	=	90	%	EPA 608	-88	-88	14	131	
2016/17-2	Lab	LCS, RPD	12/23/2016	Pesticide	Endosulfan I	n/a	=	20	%	EPA 608	-88	-88	0	30	
2016/17-2	000NONPJ	matrix spike	12/22/2016	Pesticide	Endosulfan II	n/a	=	0.0561	µg/L	EPA 608	0.0038	0.02			
2016/17-2	000NONPJ	matrix spike, rec	12/22/2016	Pesticide	Endosulfan II	n/a	=	51	%	EPA 608	-88	-88	17	122	
2016/17-2	000NONPJ	matrix spike dup	12/22/2016	Pesticide	Endosulfan II	n/a	=	0.0504	µg/L	EPA 608	0.0038	0.02			
2016/17-2	000NONPJ	matrix spike dup, rec	12/22/2016	Pesticide	Endosulfan II	n/a	=	45	%	EPA 608	-88	-88	17	122	
2016/17-2	000NONPJ	matrix spike, RPD	12/22/2016	Pesticide	Endosulfan II	n/a	=	11	%	EPA 608	-88	-88	0	30	
2016/17-2	Lab	method blank	12/20/2016	Pesticide	Endosulfan II	n/a	<	0.0019	µg/L	EPA 608	0.0019	0.01			
2016/17-2	Lab	LCS	12/20/2016	Pesticide	Endosulfan II	n/a	=	0.0972	µg/L	EPA 608	0.0019	0.01			
2016/17-2	Lab	LCS, rec	12/20/2016	Pesticide	Endosulfan II	n/a	=	97	%	EPA 608	-88	-88	40	121	
2016/17-2	Lab	LCS dup	12/20/2016	Pesticide	Endosulfan II	n/a	=	0.0873	µg/L	EPA 608	0.0019	0.01			
2016/17-2	Lab	LCS dup, rec	12/20/2016	Pesticide	Endosulfan II	n/a	=	87	%	EPA 608	-88	-88	40	121	
2016/17-2	Lab	LCS, RPD	12/20/2016	Pesticide	Endosulfan II	n/a	=	11	%	EPA 608	-88	-88	0	30	
2016/17-2	Lab	method blank	12/22/2016	Pesticide	Endosulfan II	n/a	<	0.0019	µg/L	EPA 608	0.0019	0.01			
2016/17-2	Lab	LCS	12/22/2016	Pesticide	Endosulfan II	n/a	=	0.0803	µg/L	EPA 608	0.0019	0.01			
2016/17-2	Lab	LCS, rec	12/22/2016	Pesticide	Endosulfan II	n/a	=	80	%	EPA 608	-88	-88	40	121	
2016/17-2	Lab	method blank	12/23/2016	Pesticide	Endosulfan II	n/a	<	0.0019	µg/L	EPA 608	0.0019	0.01			
2016/17-2	Lab	LCS	12/23/2016	Pesticide	Endosulfan II	n/a	=	0.0763	µg/L	EPA 608	0.0019	0.01			
2016/17-2	Lab	LCS, rec	12/23/2016	Pesticide	Endosulfan II	n/a	=	76	%	EPA 608	-88	-88	40	121	
2016/17-2	Lab	LCS dup	12/23/2016	Pesticide	Endosulfan II	n/a	=	0.0944	µg/L	EPA 608	0.0019	0.01			
2016/17-2	Lab	LCS dup, rec	12/23/2016	Pesticide	Endosulfan II	n/a	=	94	%	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	
2016/17-2	Lab	LCS, RPD	12/23/2016	Pesticide	Endosulfan II	n/a	=	21	%	EPA 608	-88	-88	0	30	
2016/17-2	000NONPJ	matrix spike	12/22/2016	Pesticide	Endosulfan sulfate	n/a	DNQ	0.0692	µg/L	EPA 608	0.016	0.1			
2016/17-2	000NONPJ	matrix spike, rec	12/22/2016	Pesticide	Endosulfan sulfate	n/a	=	62	%	EPA 608	-88	-88	37	131	
2016/17-2	000NONPJ	matrix spike dup	12/22/2016	Pesticide	Endosulfan sulfate	n/a	DNQ	0.0604	µg/L	EPA 608	0.016	0.1			
2016/17-2	000NONPJ	matrix spike dup, rec	12/22/2016	Pesticide	Endosulfan sulfate	n/a	=	54	%	EPA 608	-88	-88	37	131	
2016/17-2	000NONPJ	matrix spike, RPD	12/22/2016	Pesticide	Endosulfan sulfate	n/a	=	14	%	EPA 608	-88	-88	0	30	
2016/17-2	Lab	method blank	12/20/2016	Pesticide	Endosulfan sulfate	n/a	<	0.008	µg/L	EPA 608	0.008	0.05			
2016/17-2	Lab	LCS	12/20/2016	Pesticide	Endosulfan sulfate	n/a	=	0.102	µg/L	EPA 608	0.008	0.05			
2016/17-2	Lab	LCS, rec	12/20/2016	Pesticide	Endosulfan sulfate	n/a	=	102	%	EPA 608	-88	-88	44	140	
2016/17-2	Lab	LCS dup	12/20/2016	Pesticide	Endosulfan sulfate	n/a	=	0.0891	µg/L	EPA 608	0.008	0.05			
2016/17-2	Lab	LCS dup, rec	12/20/2016	Pesticide	Endosulfan sulfate	n/a	=	89	%	EPA 608	-88	-88	44	140	
2016/17-2	Lab	LCS, RPD	12/20/2016	Pesticide	Endosulfan sulfate	n/a	=	13	%	EPA 608	-88	-88	0	30	
2016/17-2	Lab	method blank	12/22/2016	Pesticide	Endosulfan sulfate	n/a	<	0.008	µg/L	EPA 608	0.008	0.05			
2016/17-2	Lab	LCS	12/22/2016	Pesticide	Endosulfan sulfate	n/a	=	0.083	µg/L	EPA 608	0.008	0.05			
2016/17-2	Lab	LCS, rec	12/22/2016	Pesticide	Endosulfan sulfate	n/a	=	83	%	EPA 608	-88	-88	44	140	
2016/17-2	Lab	method blank	12/23/2016	Pesticide	Endosulfan sulfate	n/a	<	0.008	µg/L	EPA 608	0.008	0.05			
2016/17-2	Lab	LCS	12/23/2016	Pesticide	Endosulfan sulfate	n/a	=	0.0836	µg/L	EPA 608	0.008	0.05			
2016/17-2	Lab	LCS, rec	12/23/2016	Pesticide	Endosulfan sulfate	n/a	=	84	%	EPA 608	-88	-88	44	140	
2016/17-2	Lab	LCS dup	12/23/2016	Pesticide	Endosulfan sulfate	n/a	=	0.105	µg/L	EPA 608	0.008	0.05			
2016/17-2	Lab	LCS dup, rec	12/23/2016	Pesticide	Endosulfan sulfate	n/a	=	105	%	EPA 608	-88	-88	44	140	
2016/17-2	Lab	LCS, RPD	12/23/2016	Pesticide	Endosulfan sulfate	n/a	=	22	%	EPA 608	-88	-88	0	30	
2016/17-2	000NONPJ	matrix spike	12/22/2016	Pesticide	Endrin	n/a	=	0.0802	µg/L	EPA 608	0.0056	0.02			
2016/17-2	000NONPJ	matrix spike, rec	12/22/2016	Pesticide	Endrin	n/a	=	72	%	EPA 608	-88	-88	42	144	
2016/17-2	000NONPJ	matrix spike dup	12/22/2016	Pesticide	Endrin	n/a	=	0.0707	µg/L	EPA 608	0.0056	0.02			
2016/17-2	000NONPJ	matrix spike dup, rec	12/22/2016	Pesticide	Endrin	n/a	=	64	%	EPA 608	-88	-88	42	144	
2016/17-2	000NONPJ	matrix spike, RPD	12/22/2016	Pesticide	Endrin	n/a	=	13	%	EPA 608	-88	-88	0	30	
2016/17-2	Lab	method blank	12/20/2016	Pesticide	Endrin	n/a	<	0.0028	µg/L	EPA 608	0.0028	0.01			
2016/17-2	Lab	LCS	12/20/2016	Pesticide	Endrin	n/a	=	0.116	µg/L	EPA 608	0.0028	0.01			
2016/17-2	Lab	LCS, rec	12/20/2016	Pesticide	Endrin	n/a	=	116	%	EPA 608	-88	-88	40	143	
2016/17-2	Lab	LCS dup	12/20/2016	Pesticide	Endrin	n/a	=	0.111	µg/L	EPA 608	0.0028	0.01			
2016/17-2	Lab	LCS dup, rec	12/20/2016	Pesticide	Endrin	n/a	=	111	%	EPA 608	-88	-88	40	143	
2016/17-2	Lab	LCS, RPD	12/20/2016	Pesticide	Endrin	n/a	=	5	%	EPA 608	-88	-88	0	30	
2016/17-2	Lab	method blank	12/22/2016	Pesticide	Endrin	n/a	<	0.0028	µg/L	EPA 608	0.0028	0.01			
2016/17-2	Lab	LCS	12/22/2016	Pesticide	Endrin	n/a	=	0.108	µg/L	EPA 608	0.0028	0.01			
2016/17-2	Lab	LCS, rec	12/22/2016	Pesticide	Endrin	n/a	=	108	%	EPA 608	-88	-88	40	143	
2016/17-2	Lab	method blank	12/23/2016	Pesticide	Endrin	n/a	<	0.0028	µg/L	EPA 608	0.0028	0.01			
2016/17-2	Lab	LCS	12/23/2016	Pesticide	Endrin	n/a	=	0.0984	µg/L	EPA 608	0.0028	0.01			
2016/17-2	Lab	LCS, rec	12/23/2016	Pesticide	Endrin	n/a	=	98	%	EPA 608	-88	-88	40	143	
2016/17-2	Lab	LCS dup	12/23/2016	Pesticide	Endrin	n/a	=	0.121	µg/L	EPA 608	0.0028	0.01			
2016/17-2	Lab	LCS dup, rec	12/23/2016	Pesticide	Endrin	n/a	=	121	%	EPA 608	-88	-88	40	143	
2016/17-2	Lab	LCS, RPD	12/23/2016	Pesticide	Endrin	n/a	=	21	%	EPA 608	-88	-88	0	30	
2016/17-2	000NONPJ	matrix spike	12/22/2016	Pesticide	Endrin aldehyde	n/a	=	0.0444	µg/L	EPA 608	0.006	0.02			
2016/17-2	000NONPJ	matrix spike, rec	12/22/2016	Pesticide	Endrin aldehyde	n/a	=	40	%	EPA 608	-88	-88	11	113	
2016/17-2	000NONPJ	matrix spike dup	12/22/2016	Pesticide	Endrin aldehyde	n/a	=	0.0365	µg/L	EPA 608	0.006	0.02			
2016/17-2	000NONPJ	matrix spike dup, rec	12/22/2016	Pesticide	Endrin aldehyde	n/a	=	33	%	EPA 608	-88	-88	11	113	
2016/17-2	000NONPJ	matrix spike, RPD	12/22/2016	Pesticide	Endrin aldehyde	n/a	=	20	%	EPA 608	-88	-88	0	30	
2016/17-2	Lab	method blank	12/20/2016	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	
2016/17-2	Lab	LCS	12/20/2016	Pesticide	Endrin aldehyde	n/a	=	0.075	µg/L	EPA 608	0.003	0.01			
2016/17-2	Lab	LCS, rec	12/20/2016	Pesticide	Endrin aldehyde	n/a	=	75	%	EPA 608	-88	-88	18	136	
2016/17-2	Lab	LCS dup	12/20/2016	Pesticide	Endrin aldehyde	n/a	=	0.0892	µg/L	EPA 608	0.003	0.01			
2016/17-2	Lab	LCS dup, rec	12/20/2016	Pesticide	Endrin aldehyde	n/a	=	89	%	EPA 608	-88	-88	18	136	
2016/17-2	Lab	LCS, RPD	12/20/2016	Pesticide	Endrin aldehyde	n/a	=	17	%	EPA 608	-88	-88	0	30	
2016/17-2	Lab	method blank	12/22/2016	Pesticide	Endrin aldehyde	n/a	<	0.003	µg/L	EPA 608	0.003	0.01			
2016/17-2	Lab	LCS	12/22/2016	Pesticide	Endrin aldehyde	n/a	=	0.0659	µg/L	EPA 608	0.003	0.01			
2016/17-2	Lab	LCS, rec	12/22/2016	Pesticide	Endrin aldehyde	n/a	=	66	%	EPA 608	-88	-88	18	136	
2016/17-2	Lab	method blank	12/23/2016	Pesticide	Endrin aldehyde	n/a	<	0.003	µg/L	EPA 608	0.003	0.01			
2016/17-2	Lab	LCS	12/23/2016	Pesticide	Endrin aldehyde	n/a	=	0.0682	µg/L	EPA 608	0.003	0.01			
2016/17-2	Lab	LCS, rec	12/23/2016	Pesticide	Endrin aldehyde	n/a	=	68	%	EPA 608	-88	-88	18	136	
2016/17-2	Lab	LCS dup	12/23/2016	Pesticide	Endrin aldehyde	n/a	=	0.0767	µg/L	EPA 608	0.003	0.01			
2016/17-2	Lab	LCS dup, rec	12/23/2016	Pesticide	Endrin aldehyde	n/a	=	77	%	EPA 608	-88	-88	18	136	
2016/17-2	Lab	LCS, RPD	12/23/2016	Pesticide	Endrin aldehyde	n/a	=	12	%	EPA 608	-88	-88	0	30	
2016/17-2	Lab	method blank	12/5/2016	Pesticide	EPTC	n/a	<	0.017	µg/L	EPA 525.2	0.017	1			
2016/17-2	Lab	LCS	12/5/2016	Pesticide	EPTC	n/a	=	4.9	µg/L	EPA 525.2	0.017	1			
2016/17-2	Lab	LCS, rec	12/5/2016	Pesticide	EPTC	n/a	=	98	%	EPA 525.2	-88	-88	82	116	
2016/17-2	Lab	LCS dup	12/5/2016	Pesticide	EPTC	n/a	=	4.79	µg/L	EPA 525.2	0.017	1			
2016/17-2	Lab	LCS dup, rec	12/5/2016	Pesticide	EPTC	n/a	=	96	%	EPA 525.2	-88	-88	82	116	
2016/17-2	Lab	LCS, RPD	12/5/2016	Pesticide	EPTC	n/a	=	2	%	EPA 525.2	-88	-88	0	30	
2016/17-2	000NONPJ	matrix spike	11/30/2016	Pesticide	Ethoprop	n/a	=	0.0615	µg/L	EPA 525.2m	0.0067	0.01			
2016/17-2	000NONPJ	matrix spike, rec	11/30/2016	Pesticide	Ethoprop	n/a	=	123	%	EPA 525.2m	-88	-88	51	167	
2016/17-2	000NONPJ	matrix spike dup	11/30/2016	Pesticide	Ethoprop	n/a	=	0.0649	µg/L	EPA 525.2m	0.0067	0.01			
2016/17-2	000NONPJ	matrix spike dup, rec	11/30/2016	Pesticide	Ethoprop	n/a	=	130	%	EPA 525.2m	-88	-88	51	167	
2016/17-2	000NONPJ	matrix spike, RPD	11/30/2016	Pesticide	Ethoprop	n/a	=	5	%	EPA 525.2m	-88	-88	0	30	
2016/17-2	000NONPJ	matrix spike	11/30/2016	Pesticide	Ethoprop	n/a	=	0.0481	µg/L	EPA 525.2m	0.0067	0.01			
2016/17-2	000NONPJ	matrix spike, rec	11/30/2016	Pesticide	Ethoprop	n/a	=	96	%	EPA 525.2m	-88	-88	51	167	
2016/17-2	Lab	method blank	11/30/2016	Pesticide	Ethoprop	n/a	<	0.0067	µg/L	EPA 525.2m	0.0067	0.01			
2016/17-2	Lab	LCS	11/30/2016	Pesticide	Ethoprop	n/a	=	0.051	µg/L	EPA 525.2m	0.0067	0.01			
2016/17-2	Lab	LCS, rec	11/30/2016	Pesticide	Ethoprop	n/a	=	102	%	EPA 525.2m	-88	-88	53	163	
2016/17-2	Lab	method blank	11/30/2016	Pesticide	Ethoprop	n/a	<	0.0067	µg/L	EPA 525.2m	0.0067	0.01			
2016/17-2	Lab	LCS	11/30/2016	Pesticide	Ethoprop	n/a	=	0.0439	µg/L	EPA 525.2m	0.0067	0.01			
2016/17-2	Lab	LCS, rec	11/30/2016	Pesticide	Ethoprop	n/a	=	88	%	EPA 525.2m	-88	-88	53	163	
2016/17-2	000NONPJ	matrix spike	11/30/2016	Pesticide	Ethyl parathion	n/a	=	0.0709	µg/L	EPA 525.2m	0.0054	0.01			
2016/17-2	000NONPJ	matrix spike, rec	11/30/2016	Pesticide	Ethyl parathion	n/a	=	142	%	EPA 525.2m	-88	-88	5	229	
2016/17-2	000NONPJ	matrix spike dup	11/30/2016	Pesticide	Ethyl parathion	n/a	=	0.0782	µg/L	EPA 525.2m	0.0054	0.01			
2016/17-2	000NONPJ	matrix spike dup, rec	11/30/2016	Pesticide	Ethyl parathion	n/a	=	156	%	EPA 525.2m	-88	-88	5	229	
2016/17-2	000NONPJ	matrix spike, RPD	11/30/2016	Pesticide	Ethyl parathion	n/a	=	10	%	EPA 525.2m	-88	-88	0	30	
2016/17-2	000NONPJ	matrix spike	11/30/2016	Pesticide	Ethyl parathion	n/a	=	0.0732	µg/L	EPA 525.2m	0.0054	0.01			
2016/17-2	000NONPJ	matrix spike, rec	11/30/2016	Pesticide	Ethyl parathion	n/a	=	146	%	EPA 525.2m	-88	-88	5	229	
2016/17-2	Lab	method blank	11/30/2016	Pesticide	Ethyl parathion	n/a	<	0.0054	µg/L	EPA 525.2m	0.0054	0.01			
2016/17-2	Lab	LCS	11/30/2016	Pesticide	Ethyl parathion	n/a	=	0.0635	µg/L	EPA 525.2m	0.0054	0.01			
2016/17-2	Lab	LCS, rec	11/30/2016	Pesticide	Ethyl parathion	n/a	=	127	%	EPA 525.2m	-88	-88	7	230	
2016/17-2	Lab	method blank	11/30/2016	Pesticide	Ethyl parathion	n/a	<	0.0054	µg/L	EPA 525.2m	0.0054	0.01			
2016/17-2	Lab	LCS	11/30/2016	Pesticide	Ethyl parathion	n/a	=	0.0571	µg/L	EPA 525.2m	0.0054	0.01			
2016/17-2	Lab	LCS, rec	11/30/2016	Pesticide	Ethyl parathion	n/a	=	114	%	EPA 525.2m	-88	-88	7	230	
2016/17-2	000NONPJ	matrix spike	11/30/2016	Pesticide	Fensulfothion	n/a	=	0.0449	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	
2016/17-2	000NONPJ	matrix spike, rec	11/30/2016	Pesticide	Fensulfothion	n/a	=	90	%	EPA 525.2m	-88	-88	0.1	316	
2016/17-2	000NONPJ	matrix spike dup	11/30/2016	Pesticide	Fensulfothion	n/a	=	0.0494	µg/L	EPA 525.2m	0.0029	0.01			
2016/17-2	000NONPJ	matrix spike dup, rec	11/30/2016	Pesticide	Fensulfothion	n/a	=	99	%	EPA 525.2m	-88	-88	0.1	316	
2016/17-2	000NONPJ	matrix spike, RPD	11/30/2016	Pesticide	Fensulfothion	n/a	=	10	%	EPA 525.2m	-88	-88	0	30	
2016/17-2	000NONPJ	matrix spike	11/30/2016	Pesticide	Fensulfothion	n/a	=	0.0425	µg/L	EPA 525.2m	0.0029	0.01			
2016/17-2	000NONPJ	matrix spike, rec	11/30/2016	Pesticide	Fensulfothion	n/a	=	85	%	EPA 525.2m	-88	-88	0.1	316	
2016/17-2	Lab	method blank	11/30/2016	Pesticide	Fensulfothion	n/a	<	0.0029	µg/L	EPA 525.2m	0.0029	0.01			
2016/17-2	Lab	LCS	11/30/2016	Pesticide	Fensulfothion	n/a	=	0.0427	µg/L	EPA 525.2m	0.0029	0.01			
2016/17-2	Lab	LCS, rec	11/30/2016	Pesticide	Fensulfothion	n/a	=	85	%	EPA 525.2m	-88	-88	0.1	265	
2016/17-2	Lab	method blank	11/30/2016	Pesticide	Fensulfothion	n/a	<	0.0029	µg/L	EPA 525.2m	0.0029	0.01			
2016/17-2	Lab	LCS	11/30/2016	Pesticide	Fensulfothion	n/a	=	0.0483	µg/L	EPA 525.2m	0.0029	0.01			
2016/17-2	Lab	LCS, rec	11/30/2016	Pesticide	Fensulfothion	n/a	=	97	%	EPA 525.2m	-88	-88	0.1	265	
2016/17-2	000NONPJ	matrix spike	11/30/2016	Pesticide	Fenthion	n/a	=	0.0681	µg/L	EPA 525.2m	0.0038	0.01			
2016/17-2	000NONPJ	matrix spike, rec	11/30/2016	Pesticide	Fenthion	n/a	=	136	%	EPA 525.2m	-88	-88	23	169	
2016/17-2	000NONPJ	matrix spike dup	11/30/2016	Pesticide	Fenthion	n/a	=	0.0697	µg/L	EPA 525.2m	0.0038	0.01			
2016/17-2	000NONPJ	matrix spike dup, rec	11/30/2016	Pesticide	Fenthion	n/a	=	139	%	EPA 525.2m	-88	-88	23	169	
2016/17-2	000NONPJ	matrix spike, RPD	11/30/2016	Pesticide	Fenthion	n/a	=	2	%	EPA 525.2m	-88	-88	0	30	
2016/17-2	000NONPJ	matrix spike	11/30/2016	Pesticide	Fenthion	n/a	=	0.0579	µg/L	EPA 525.2m	0.0038	0.01			
2016/17-2	000NONPJ	matrix spike, rec	11/30/2016	Pesticide	Fenthion	n/a	=	116	%	EPA 525.2m	-88	-88	23	169	
2016/17-2	Lab	method blank	11/30/2016	Pesticide	Fenthion	n/a	<	0.0038	µg/L	EPA 525.2m	0.0038	0.01			
2016/17-2	Lab	LCS	11/30/2016	Pesticide	Fenthion	n/a	=	0.0471	µg/L	EPA 525.2m	0.0038	0.01			
2016/17-2	Lab	LCS, rec	11/30/2016	Pesticide	Fenthion	n/a	=	94	%	EPA 525.2m	-88	-88	20	177	
2016/17-2	Lab	method blank	11/30/2016	Pesticide	Fenthion	n/a	<	0.0038	µg/L	EPA 525.2m	0.0038	0.01			
2016/17-2	Lab	LCS	11/30/2016	Pesticide	Fenthion	n/a	=	0.0357	µg/L	EPA 525.2m	0.0038	0.01			
2016/17-2	Lab	LCS, rec	11/30/2016	Pesticide	Fenthion	n/a	=	71	%	EPA 525.2m	-88	-88	20	177	
2016/17-2	000NONPJ	matrix spike	12/22/2016	Pesticide	gamma-BHC (Lindane)	n/a	=	0.0746	µg/L	EPA 608	0.0042	0.04			
2016/17-2	000NONPJ	matrix spike, rec	12/22/2016	Pesticide	gamma-BHC (Lindane)	n/a	=	67	%	EPA 608	-88	-88	33	112	
2016/17-2	000NONPJ	matrix spike dup	12/22/2016	Pesticide	gamma-BHC (Lindane)	n/a	=	0.0666	µg/L	EPA 608	0.0042	0.04			
2016/17-2	000NONPJ	matrix spike dup, rec	12/22/2016	Pesticide	gamma-BHC (Lindane)	n/a	=	60	%	EPA 608	-88	-88	33	112	
2016/17-2	000NONPJ	matrix spike, RPD	12/22/2016	Pesticide	gamma-BHC (Lindane)	n/a	=	11	%	EPA 608	-88	-88	0	30	
2016/17-2	Lab	method blank	12/20/2016	Pesticide	gamma-BHC (Lindane)	n/a	<	0.0021	µg/L	EPA 608	0.0021	0.02			
2016/17-2	Lab	LCS	12/20/2016	Pesticide	gamma-BHC (Lindane)	n/a	=	0.105	µg/L	EPA 608	0.0021	0.02			
2016/17-2	Lab	LCS, rec	12/20/2016	Pesticide	gamma-BHC (Lindane)	n/a	=	105	%	EPA 608	-88	-88	49	117	
2016/17-2	Lab	LCS dup	12/20/2016	Pesticide	gamma-BHC (Lindane)	n/a	=	0.106	µg/L	EPA 608	0.0021	0.02			
2016/17-2	Lab	LCS dup, rec	12/20/2016	Pesticide	gamma-BHC (Lindane)	n/a	=	106	%	EPA 608	-88	-88	49	117	
2016/17-2	Lab	LCS, RPD	12/20/2016	Pesticide	gamma-BHC (Lindane)	n/a	=	1	%	EPA 608	-88	-88	0	30	
2016/17-2	Lab	method blank	12/22/2016	Pesticide	gamma-BHC (Lindane)	n/a	<	0.0021	µg/L	EPA 608	0.0021	0.02			
2016/17-2	Lab	LCS	12/22/2016	Pesticide	gamma-BHC (Lindane)	n/a	=	0.0945	µg/L	EPA 608	0.0021	0.02			
2016/17-2	Lab	LCS, rec	12/22/2016	Pesticide	gamma-BHC (Lindane)	n/a	=	94	%	EPA 608	-88	-88	49	117	
2016/17-2	Lab	method blank	12/23/2016	Pesticide	gamma-BHC (Lindane)	n/a	<	0.0021	µg/L	EPA 608	0.0021	0.02			
2016/17-2	Lab	LCS	12/23/2016	Pesticide	gamma-BHC (Lindane)	n/a	=	0.0842	µg/L	EPA 608	0.0021	0.02			
2016/17-2	Lab	LCS, rec	12/23/2016	Pesticide	gamma-BHC (Lindane)	n/a	=	84	%	EPA 608	-88	-88	49	117	
2016/17-2	Lab	LCS dup	12/23/2016	Pesticide	gamma-BHC (Lindane)	n/a	=	0.102	µg/L	EPA 608	0.0021	0.02			
2016/17-2	Lab	LCS dup, rec	12/23/2016	Pesticide	gamma-BHC (Lindane)	n/a	=	102	%	EPA 608	-88	-88	49	117	
2016/17-2	Lab	LCS, RPD	12/23/2016	Pesticide	gamma-BHC (Lindane)	n/a	=	19	%	EPA 608	-88	-88	0	30	
2016/17-2	Lab	method blank	12/20/2016	Pesticide	gamma-Chlordane	n/a	<	0.0044	µg/L	EPA 608	0.0044	0.01			
2016/17-2	Lab	method blank	12/22/2016	Pesticide	gamma-Chlordane	n/a	<	0.0044	µg/L	EPA 608	0.0044	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	
2016/17-2	Lab	method blank	12/23/2016	Pesticide	gamma-Chlordane	n/a	<	0.0044	µg/L	EPA 608	0.0044	0.01			
2016/17-2	000NONPJ	matrix spike	11/28/2016	Pesticide	Glyphosate	n/a	=	22.3	µg/L	EPA 547	1.8	5			
2016/17-2	000NONPJ	matrix spike, rec	11/28/2016	Pesticide	Glyphosate	n/a	=	81	%	EPA 547	-88	-88	41	149	
2016/17-2	000NONPJ	matrix spike dup	11/28/2016	Pesticide	Glyphosate	n/a	=	21.4	µg/L	EPA 547	1.8	5			
2016/17-2	000NONPJ	matrix spike dup, rec	11/28/2016	Pesticide	Glyphosate	n/a	=	78	%	EPA 547	-88	-88	41	149	
2016/17-2	000NONPJ	matrix spike, RPD	11/28/2016	Pesticide	Glyphosate	n/a	=	4	%	EPA 547	-88	-88	0	30	
2016/17-2	Lab	method blank	11/28/2016	Pesticide	Glyphosate	n/a	<	1.8	µg/L	EPA 547	1.8	5			
2016/17-2	Lab	LCS	11/28/2016	Pesticide	Glyphosate	n/a	=	21.9	µg/L	EPA 547	1.8	5			
2016/17-2	Lab	LCS, rec	11/28/2016	Pesticide	Glyphosate	n/a	=	88	%	EPA 547	-88	-88	62	130	
2016/17-2	ME-CC	matrix spike	11/28/2016	Pesticide	Glyphosate	n/a	=	33.5	µg/L	EPA 547	1.8	5			
2016/17-2	ME-CC	matrix spike, rec	11/28/2016	Pesticide	Glyphosate	n/a	=	82	%	EPA 547	-88	-88	41	149	
2016/17-2	ME-CC	matrix spike dup	11/28/2016	Pesticide	Glyphosate	n/a	=	33.6	µg/L	EPA 547	1.8	5			
2016/17-2	ME-CC	matrix spike dup, rec	11/28/2016	Pesticide	Glyphosate	n/a	=	82	%	EPA 547	-88	-88	41	149	
2016/17-2	ME-CC	matrix spike, RPD	11/28/2016	Pesticide	Glyphosate	n/a	=	0.3	%	EPA 547	-88	-88	0	30	
2016/17-2	000NONPJ	matrix spike	12/22/2016	Pesticide	Heptachlor	n/a	=	0.0711	µg/L	EPA 608	0.0034	0.02			
2016/17-2	000NONPJ	matrix spike, rec	12/22/2016	Pesticide	Heptachlor	n/a	=	64	%	EPA 608	-88	-88	28	131	
2016/17-2	000NONPJ	matrix spike dup	12/22/2016	Pesticide	Heptachlor	n/a	=	0.0643	µg/L	EPA 608	0.0034	0.02			
2016/17-2	000NONPJ	matrix spike dup, rec	12/22/2016	Pesticide	Heptachlor	n/a	=	58	%	EPA 608	-88	-88	28	131	
2016/17-2	000NONPJ	matrix spike, RPD	12/22/2016	Pesticide	Heptachlor	n/a	=	10	%	EPA 608	-88	-88	0	30	
2016/17-2	Lab	method blank	12/20/2016	Pesticide	Heptachlor	n/a	<	0.0017	µg/L	EPA 608	0.0017	0.01			
2016/17-2	Lab	LCS	12/20/2016	Pesticide	Heptachlor	n/a	=	0.115	µg/L	EPA 608	0.0017	0.01			
2016/17-2	Lab	LCS, rec	12/20/2016	Pesticide	Heptachlor	n/a	=	115	%	EPA 608	-88	-88	31	130	
2016/17-2	Lab	LCS dup	12/20/2016	Pesticide	Heptachlor	n/a	=	0.113	µg/L	EPA 608	0.0017	0.01			
2016/17-2	Lab	LCS dup, rec	12/20/2016	Pesticide	Heptachlor	n/a	=	113	%	EPA 608	-88	-88	31	130	
2016/17-2	Lab	LCS, RPD	12/20/2016	Pesticide	Heptachlor	n/a	=	2	%	EPA 608	-88	-88	0	30	
2016/17-2	Lab	method blank	12/22/2016	Pesticide	Heptachlor	n/a	<	0.0017	µg/L	EPA 608	0.0017	0.01			
2016/17-2	Lab	LCS	12/22/2016	Pesticide	Heptachlor	n/a	=	0.095	µg/L	EPA 608	0.0017	0.01			
2016/17-2	Lab	LCS, rec	12/22/2016	Pesticide	Heptachlor	n/a	=	95	%	EPA 608	-88	-88	31	130	
2016/17-2	Lab	method blank	12/23/2016	Pesticide	Heptachlor	n/a	<	0.0017	µg/L	EPA 608	0.0017	0.01			
2016/17-2	Lab	LCS	12/23/2016	Pesticide	Heptachlor	n/a	=	0.0933	µg/L	EPA 608	0.0017	0.01			
2016/17-2	Lab	LCS, rec	12/23/2016	Pesticide	Heptachlor	n/a	=	93	%	EPA 608	-88	-88	31	130	
2016/17-2	Lab	LCS dup	12/23/2016	Pesticide	Heptachlor	n/a	=	0.114	µg/L	EPA 608	0.0017	0.01			
2016/17-2	Lab	LCS dup, rec	12/23/2016	Pesticide	Heptachlor	n/a	=	114	%	EPA 608	-88	-88	31	130	
2016/17-2	Lab	LCS, RPD	12/23/2016	Pesticide	Heptachlor	n/a	=	20	%	EPA 608	-88	-88	0	30	
2016/17-2	000NONPJ	matrix spike	12/22/2016	Pesticide	Heptachlor epoxide	n/a	=	0.0628	µg/L	EPA 608	0.0038	0.02			
2016/17-2	000NONPJ	matrix spike, rec	12/22/2016	Pesticide	Heptachlor epoxide	n/a	=	57	%	EPA 608	-88	-88	36	117	
2016/17-2	000NONPJ	matrix spike dup	12/22/2016	Pesticide	Heptachlor epoxide	n/a	=	0.0581	µg/L	EPA 608	0.0038	0.02			
2016/17-2	000NONPJ	matrix spike dup, rec	12/22/2016	Pesticide	Heptachlor epoxide	n/a	=	52	%	EPA 608	-88	-88	36	117	
2016/17-2	000NONPJ	matrix spike, RPD	12/22/2016	Pesticide	Heptachlor epoxide	n/a	=	8	%	EPA 608	-88	-88	0	30	
2016/17-2	Lab	method blank	12/20/2016	Pesticide	Heptachlor epoxide	n/a	<	0.0019	µg/L	EPA 608	0.0019	0.01			
2016/17-2	Lab	LCS	12/20/2016	Pesticide	Heptachlor epoxide	n/a	=	0.0927	µg/L	EPA 608	0.0019	0.01			
2016/17-2	Lab	LCS, rec	12/20/2016	Pesticide	Heptachlor epoxide	n/a	=	93	%	EPA 608	-88	-88	49	122	
2016/17-2	Lab	LCS dup	12/20/2016	Pesticide	Heptachlor epoxide	n/a	=	0.0892	µg/L	EPA 608	0.0019	0.01			
2016/17-2	Lab	LCS dup, rec	12/20/2016	Pesticide	Heptachlor epoxide	n/a	=	89	%	EPA 608	-88	-88	49	122	
2016/17-2	Lab	LCS, RPD	12/20/2016	Pesticide	Heptachlor epoxide	n/a	=	4	%	EPA 608	-88	-88	0	30	
2016/17-2	Lab	method blank	12/22/2016	Pesticide	Heptachlor epoxide	n/a	<	0.0019	µg/L	EPA 608	0.0019	0.01			
2016/17-2	Lab	LCS	12/22/2016	Pesticide	Heptachlor epoxide	n/a	=	0.0788	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	
2016/17-2	Lab	LCS, rec	12/22/2016	Pesticide	Heptachlor epoxide	n/a	=	79	%	EPA 608	-88	-88	49	122	
2016/17-2	Lab	method blank	12/23/2016	Pesticide	Heptachlor epoxide	n/a	<	0.0019	µg/L	EPA 608	0.0019	0.01			
2016/17-2	Lab	LCS	12/23/2016	Pesticide	Heptachlor epoxide	n/a	=	0.0892	µg/L	EPA 608	0.0019	0.01			
2016/17-2	Lab	LCS, rec	12/23/2016	Pesticide	Heptachlor epoxide	n/a	=	89	%	EPA 608	-88	-88	49	122	
2016/17-2	Lab	LCS dup	12/23/2016	Pesticide	Heptachlor epoxide	n/a	=	0.109	µg/L	EPA 608	0.0019	0.01			
2016/17-2	Lab	LCS dup, rec	12/23/2016	Pesticide	Heptachlor epoxide	n/a	=	109	%	EPA 608	-88	-88	49	122	
2016/17-2	Lab	LCS, RPD	12/23/2016	Pesticide	Heptachlor epoxide	n/a	=	20	%	EPA 608	-88	-88	0	30	
2016/17-2	000NONPJ	matrix spike	11/30/2016	Pesticide	Malathion	n/a	=	0.226	µg/L	EPA 525.2m	0.0076	0.01			
2016/17-2	000NONPJ	matrix spike, rec	11/30/2016	Pesticide	Malathion	n/a	=	89	%	EPA 525.2m	-88	-88	6	184	
2016/17-2	000NONPJ	matrix spike dup	11/30/2016	Pesticide	Malathion	n/a	=	0.276	µg/L	EPA 525.2m	0.0076	0.01			GB
2016/17-2	000NONPJ	matrix spike dup, rec	11/30/2016	Pesticide	Malathion	n/a	=	190	%	EPA 525.2m	-88	-88	6	184	GB
2016/17-2	000NONPJ	matrix spike, RPD	11/30/2016	Pesticide	Malathion	n/a	=	20	%	EPA 525.2m	-88	-88	0	30	
2016/17-2	000NONPJ	matrix spike	11/30/2016	Pesticide	Malathion	n/a	=	0.0615	µg/L	EPA 525.2m	0.0076	0.01			
2016/17-2	000NONPJ	matrix spike, rec	11/30/2016	Pesticide	Malathion	n/a	=	123	%	EPA 525.2m	-88	-88	6	184	
2016/17-2	Lab	method blank	11/30/2016	Pesticide	Malathion	n/a	<	0.0076	µg/L	EPA 525.2m	0.0076	0.01			
2016/17-2	Lab	LCS	11/30/2016	Pesticide	Malathion	n/a	=	0.0592	µg/L	EPA 525.2m	0.0076	0.01			
2016/17-2	Lab	LCS, rec	11/30/2016	Pesticide	Malathion	n/a	=	118	%	EPA 525.2m	-88	-88	14	175	
2016/17-2	Lab	method blank	11/30/2016	Pesticide	Malathion	n/a	<	0.0076	µg/L	EPA 525.2m	0.0076	0.01			
2016/17-2	Lab	LCS	11/30/2016	Pesticide	Malathion	n/a	=	0.0496	µg/L	EPA 525.2m	0.0076	0.01			
2016/17-2	Lab	LCS, rec	11/30/2016	Pesticide	Malathion	n/a	=	99	%	EPA 525.2m	-88	-88	14	175	
2016/17-2	000NONPJ	matrix spike	11/30/2016	Pesticide	Merphos	n/a	=	0.0305	µg/L	EPA 525.2m	0.0058	0.01			
2016/17-2	000NONPJ	matrix spike, rec	11/30/2016	Pesticide	Merphos	n/a	=	61	%	EPA 525.2m	-88	-88	3	210	
2016/17-2	000NONPJ	matrix spike dup	11/30/2016	Pesticide	Merphos	n/a	=	0.029	µg/L	EPA 525.2m	0.0058	0.01			
2016/17-2	000NONPJ	matrix spike dup, rec	11/30/2016	Pesticide	Merphos	n/a	=	58	%	EPA 525.2m	-88	-88	3	210	
2016/17-2	000NONPJ	matrix spike, RPD	11/30/2016	Pesticide	Merphos	n/a	=	5	%	EPA 525.2m	-88	-88	0	30	
2016/17-2	000NONPJ	matrix spike	11/30/2016	Pesticide	Merphos	n/a	=	0.0409	µg/L	EPA 525.2m	0.0058	0.01			
2016/17-2	000NONPJ	matrix spike, rec	11/30/2016	Pesticide	Merphos	n/a	=	82	%	EPA 525.2m	-88	-88	3	210	
2016/17-2	Lab	method blank	11/30/2016	Pesticide	Merphos	n/a	<	0.0058	µg/L	EPA 525.2m	0.0058	0.01			
2016/17-2	Lab	LCS	11/30/2016	Pesticide	Merphos	n/a	=	0.0485	µg/L	EPA 525.2m	0.0058	0.01			
2016/17-2	Lab	LCS, rec	11/30/2016	Pesticide	Merphos	n/a	=	97	%	EPA 525.2m	-88	-88	28	181	
2016/17-2	Lab	method blank	11/30/2016	Pesticide	Merphos	n/a	<	0.0058	µg/L	EPA 525.2m	0.0058	0.01			
2016/17-2	Lab	LCS	11/30/2016	Pesticide	Merphos	n/a	=	0.0529	µg/L	EPA 525.2m	0.0058	0.01			
2016/17-2	Lab	LCS, rec	11/30/2016	Pesticide	Merphos	n/a	=	106	%	EPA 525.2m	-88	-88	28	181	
2016/17-2	Lab	method blank	12/20/2016	Pesticide	Methoxychlor	n/a	<	0.0054	µg/L	EPA 608	0.0054	0.02			
2016/17-2	Lab	method blank	12/22/2016	Pesticide	Methoxychlor	n/a	<	0.0054	µg/L	EPA 608	0.0054	0.02			
2016/17-2	Lab	method blank	12/23/2016	Pesticide	Methoxychlor	n/a	<	0.0054	µg/L	EPA 608	0.0054	0.02			
2016/17-2	000NONPJ	matrix spike	11/30/2016	Pesticide	Methyl parathion	n/a	=	0.078	µg/L	EPA 525.2m	0.0063	0.01			
2016/17-2	000NONPJ	matrix spike, rec	11/30/2016	Pesticide	Methyl parathion	n/a	=	156	%	EPA 525.2m	-88	-88	0.1	249	
2016/17-2	000NONPJ	matrix spike dup	11/30/2016	Pesticide	Methyl parathion	n/a	=	0.0878	µg/L	EPA 525.2m	0.0063	0.01			
2016/17-2	000NONPJ	matrix spike dup, rec	11/30/2016	Pesticide	Methyl parathion	n/a	=	176	%	EPA 525.2m	-88	-88	0.1	249	
2016/17-2	000NONPJ	matrix spike, RPD	11/30/2016	Pesticide	Methyl parathion	n/a	=	12	%	EPA 525.2m	-88	-88	0	30	
2016/17-2	000NONPJ	matrix spike	11/30/2016	Pesticide	Methyl parathion	n/a	=	0.068	µg/L	EPA 525.2m	0.0063	0.01			
2016/17-2	000NONPJ	matrix spike, rec	11/30/2016	Pesticide	Methyl parathion	n/a	=	136	%	EPA 525.2m	-88	-88	0.1	249	
2016/17-2	Lab	method blank	11/30/2016	Pesticide	Methyl parathion	n/a	<	0.0063	µg/L	EPA 525.2m	0.0063	0.01			
2016/17-2	Lab	LCS	11/30/2016	Pesticide	Methyl parathion	n/a	=	0.0648	µg/L	EPA 525.2m	0.0063	0.01			
2016/17-2	Lab	LCS, rec	11/30/2016	Pesticide	Methyl parathion	n/a	=	130	%	EPA 525.2m	-88	-88	0.1	252	
2016/17-2	Lab	method blank	11/30/2016	Pesticide	Methyl parathion	n/a	<	0.0063	µg/L	EPA 525.2m	0.0063	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	
2016/17-2	Lab	LCS	11/30/2016	Pesticide	Methyl parathion	n/a	=	0.0623	µg/L	EPA 525.2m	0.0063	0.01			
2016/17-2	Lab	LCS, rec	11/30/2016	Pesticide	Methyl parathion	n/a	=	125	%	EPA 525.2m	-88	-88	0.1	252	
2016/17-2	Lab	method blank	12/5/2016	Pesticide	Metolachlor	n/a	<	0.012	µg/L	EPA 525.2	0.012	0.1			
2016/17-2	Lab	LCS	12/5/2016	Pesticide	Metolachlor	n/a	=	4.87	µg/L	EPA 525.2	0.012	0.1			
2016/17-2	Lab	LCS, rec	12/5/2016	Pesticide	Metolachlor	n/a	=	97	%	EPA 525.2	-88	-88	61	123	
2016/17-2	Lab	LCS dup	12/5/2016	Pesticide	Metolachlor	n/a	=	4.73	µg/L	EPA 525.2	0.012	0.1			
2016/17-2	Lab	LCS dup, rec	12/5/2016	Pesticide	Metolachlor	n/a	=	95	%	EPA 525.2	-88	-88	61	123	
2016/17-2	Lab	LCS, RPD	12/5/2016	Pesticide	Metolachlor	n/a	=	3	%	EPA 525.2	-88	-88	0	30	
2016/17-2	Lab	method blank	12/5/2016	Pesticide	Metribuzin	n/a	<	0.015	µg/L	EPA 525.2	0.015	0.1			
2016/17-2	Lab	LCS	12/5/2016	Pesticide	Metribuzin	n/a	=	4.61	µg/L	EPA 525.2	0.015	0.1			
2016/17-2	Lab	LCS, rec	12/5/2016	Pesticide	Metribuzin	n/a	=	92	%	EPA 525.2	-88	-88	50	121	
2016/17-2	Lab	LCS dup	12/5/2016	Pesticide	Metribuzin	n/a	=	4.37	µg/L	EPA 525.2	0.015	0.1			
2016/17-2	Lab	LCS dup, rec	12/5/2016	Pesticide	Metribuzin	n/a	=	87	%	EPA 525.2	-88	-88	50	121	
2016/17-2	Lab	LCS, RPD	12/5/2016	Pesticide	Metribuzin	n/a	=	5	%	EPA 525.2	-88	-88	0	30	
2016/17-2	000NONPJ	matrix spike	11/30/2016	Pesticide	Mevinphos	n/a	=	0.0536	µg/L	EPA 525.2m	0.0042	0.01			
2016/17-2	000NONPJ	matrix spike, rec	11/30/2016	Pesticide	Mevinphos	n/a	=	107	%	EPA 525.2m	-88	-88	25	189	
2016/17-2	000NONPJ	matrix spike dup	11/30/2016	Pesticide	Mevinphos	n/a	=	0.0571	µg/L	EPA 525.2m	0.0042	0.01			
2016/17-2	000NONPJ	matrix spike dup, rec	11/30/2016	Pesticide	Mevinphos	n/a	=	114	%	EPA 525.2m	-88	-88	25	189	
2016/17-2	000NONPJ	matrix spike, RPD	11/30/2016	Pesticide	Mevinphos	n/a	=	6	%	EPA 525.2m	-88	-88	0	30	
2016/17-2	000NONPJ	matrix spike	11/30/2016	Pesticide	Mevinphos	n/a	=	0.0359	µg/L	EPA 525.2m	0.0042	0.01			
2016/17-2	000NONPJ	matrix spike, rec	11/30/2016	Pesticide	Mevinphos	n/a	=	72	%	EPA 525.2m	-88	-88	25	189	
2016/17-2	Lab	method blank	11/30/2016	Pesticide	Mevinphos	n/a	<	0.0042	µg/L	EPA 525.2m	0.0042	0.01			
2016/17-2	Lab	LCS	11/30/2016	Pesticide	Mevinphos	n/a	=	0.0472	µg/L	EPA 525.2m	0.0042	0.01			
2016/17-2	Lab	LCS, rec	11/30/2016	Pesticide	Mevinphos	n/a	=	94	%	EPA 525.2m	-88	-88	14	202	
2016/17-2	Lab	method blank	11/30/2016	Pesticide	Mevinphos	n/a	<	0.0042	µg/L	EPA 525.2m	0.0042	0.01			
2016/17-2	Lab	LCS	11/30/2016	Pesticide	Mevinphos	n/a	=	0.0417	µg/L	EPA 525.2m	0.0042	0.01			
2016/17-2	Lab	LCS, rec	11/30/2016	Pesticide	Mevinphos	n/a	=	83	%	EPA 525.2m	-88	-88	14	202	
2016/17-2	Lab	method blank	12/5/2016	Pesticide	Molinate	n/a	<	0.039	µg/L	EPA 525.2	0.039	0.1			
2016/17-2	Lab	LCS	12/5/2016	Pesticide	Molinate	n/a	=	4.84	µg/L	EPA 525.2	0.039	0.1			
2016/17-2	Lab	LCS, rec	12/5/2016	Pesticide	Molinate	n/a	=	97	%	EPA 525.2	-88	-88	82	117	
2016/17-2	Lab	LCS dup	12/5/2016	Pesticide	Molinate	n/a	=	4.73	µg/L	EPA 525.2	0.039	0.1			
2016/17-2	Lab	LCS dup, rec	12/5/2016	Pesticide	Molinate	n/a	=	95	%	EPA 525.2	-88	-88	82	117	
2016/17-2	Lab	LCS, RPD	12/5/2016	Pesticide	Molinate	n/a	=	2	%	EPA 525.2	-88	-88	0	30	
2016/17-2	000NONPJ	matrix spike	11/30/2016	Pesticide	Naled	n/a	=	0.0253	µg/L	EPA 525.2m	0.0076	0.01			
2016/17-2	000NONPJ	matrix spike, rec	11/30/2016	Pesticide	Naled	n/a	=	51	%	EPA 525.2m	-88	-88	0.1	242	
2016/17-2	000NONPJ	matrix spike dup	11/30/2016	Pesticide	Naled	n/a	=	0.0256	µg/L	EPA 525.2m	0.0076	0.01			
2016/17-2	000NONPJ	matrix spike dup, rec	11/30/2016	Pesticide	Naled	n/a	=	51	%	EPA 525.2m	-88	-88	0.1	242	
2016/17-2	000NONPJ	matrix spike, RPD	11/30/2016	Pesticide	Naled	n/a	=	1	%	EPA 525.2m	-88	-88	0	30	
2016/17-2	000NONPJ	matrix spike	11/30/2016	Pesticide	Naled	n/a	=	0.0196	µg/L	EPA 525.2m	0.0076	0.01			
2016/17-2	000NONPJ	matrix spike, rec	11/30/2016	Pesticide	Naled	n/a	=	39	%	EPA 525.2m	-88	-88	0.1	242	
2016/17-2	Lab	method blank	11/30/2016	Pesticide	Naled	n/a	<	0.0076	µg/L	EPA 525.2m	0.0076	0.01			
2016/17-2	Lab	LCS	11/30/2016	Pesticide	Naled	n/a	=	0.0212	µg/L	EPA 525.2m	0.0076	0.01			
2016/17-2	Lab	LCS, rec	11/30/2016	Pesticide	Naled	n/a	=	42	%	EPA 525.2m	-88	-88	0.1	240	
2016/17-2	Lab	method blank	11/30/2016	Pesticide	Naled	n/a	<	0.0076	µg/L	EPA 525.2m	0.0076	0.01			
2016/17-2	Lab	LCS	11/30/2016	Pesticide	Naled	n/a	=	0.0186	µg/L	EPA 525.2m	0.0076	0.01			
2016/17-2	Lab	LCS, rec	11/30/2016	Pesticide	Naled	n/a	=	37	%	EPA 525.2m	-88	-88	0.1	240	
2016/17-2	000NONPJ	matrix spike	12/3/2016	Pesticide	Pentachlorophenol	n/a	=	3.54	µg/L	EPA 515.3	0.04	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	
2016/17-2	000NONPJ	matrix spike, rec	12/3/2016	Pesticide	Pentachlorophenol	n/a	=	85	%	EPA 515.3	-88	-88	70	130	
2016/17-2	000NONPJ	matrix spike dup	12/3/2016	Pesticide	Pentachlorophenol	n/a	=	3.55	µg/L	EPA 515.3	0.04	0.2			
2016/17-2	000NONPJ	matrix spike dup, rec	12/3/2016	Pesticide	Pentachlorophenol	n/a	=	86	%	EPA 515.3	-88	-88	70	130	
2016/17-2	000NONPJ	matrix spike, RPD	12/3/2016	Pesticide	Pentachlorophenol	n/a	=	0.4	%	EPA 515.3	-88	-88	0	30	
2016/17-2	000NONPJ	matrix spike	12/3/2016	Pesticide	Pentachlorophenol	n/a	=	4.94	µg/L	EPA 515.3	0.04	0.2			
2016/17-2	000NONPJ	matrix spike, rec	12/3/2016	Pesticide	Pentachlorophenol	n/a	=	91	%	EPA 515.3	-88	-88	70	130	
2016/17-2	000NONPJ	matrix spike dup	12/3/2016	Pesticide	Pentachlorophenol	n/a	=	4.84	µg/L	EPA 515.3	0.04	0.2			
2016/17-2	000NONPJ	matrix spike dup, rec	12/3/2016	Pesticide	Pentachlorophenol	n/a	=	89	%	EPA 515.3	-88	-88	70	130	
2016/17-2	000NONPJ	matrix spike, RPD	12/3/2016	Pesticide	Pentachlorophenol	n/a	=	2	%	EPA 515.3	-88	-88	0	30	
2016/17-2	Lab	method blank	12/3/2016	Pesticide	Pentachlorophenol	n/a	<	0.04	µg/L	EPA 515.3	0.04	0.2			
2016/17-2	Lab	LCS	12/3/2016	Pesticide	Pentachlorophenol	n/a	=	3.42	µg/L	EPA 515.3	0.04	0.2			
2016/17-2	Lab	LCS, rec	12/3/2016	Pesticide	Pentachlorophenol	n/a	=	86	%	EPA 515.3	-88	-88	70	130	
2016/17-2	Lab	method blank	12/10/2016	Pesticide	Pentachlorophenol	n/a	<	0.19	µg/L	EPA 625	0.19	1			
2016/17-2	Lab	LCS	12/10/2016	Pesticide	Pentachlorophenol	n/a	=	17.2	µg/L	EPA 625	0.19	1			
2016/17-2	Lab	LCS, rec	12/10/2016	Pesticide	Pentachlorophenol	n/a	=	69	%	EPA 625	-88	-88	14	176	
2016/17-2	Lab	LCS dup	12/10/2016	Pesticide	Pentachlorophenol	n/a	=	15.3	µg/L	EPA 625	0.19	1			
2016/17-2	Lab	LCS dup, rec	12/10/2016	Pesticide	Pentachlorophenol	n/a	=	61	%	EPA 625	-88	-88	14	176	
2016/17-2	Lab	LCS, RPD	12/10/2016	Pesticide	Pentachlorophenol	n/a	=	11	%	EPA 625	-88	-88	0	30	
2016/17-2	Lab	method blank	12/14/2016	Pesticide	Pentachlorophenol	n/a	<	0.19	µg/L	EPA 625	0.19	1			
2016/17-2	Lab	LCS	12/14/2016	Pesticide	Pentachlorophenol	n/a	=	17.4	µg/L	EPA 625	0.19	1			
2016/17-2	Lab	LCS, rec	12/14/2016	Pesticide	Pentachlorophenol	n/a	=	70	%	EPA 625	-88	-88	14	176	
2016/17-2	Lab	LCS dup	12/14/2016	Pesticide	Pentachlorophenol	n/a	=	16.6	µg/L	EPA 625	0.19	1			
2016/17-2	Lab	LCS dup, rec	12/14/2016	Pesticide	Pentachlorophenol	n/a	=	67	%	EPA 625	-88	-88	14	176	
2016/17-2	Lab	LCS, RPD	12/14/2016	Pesticide	Pentachlorophenol	n/a	=	4	%	EPA 625	-88	-88	0	30	
2016/17-2	Lab	method blank	12/21/2016	Pesticide	Pentachlorophenol	n/a	<	0.15	µg/L	EPA 8270C	0.15	1			
2016/17-2	Lab	LCS	12/21/2016	Pesticide	Pentachlorophenol	n/a	=	9.45	µg/L	EPA 8270C	0.15	1			
2016/17-2	Lab	LCS, rec	12/21/2016	Pesticide	Pentachlorophenol	n/a	=	94	%	EPA 8270C	-88	-88	29	106	
2016/17-2	Lab	LCS dup	12/21/2016	Pesticide	Pentachlorophenol	n/a	=	8.08	µg/L	EPA 8270C	0.15	1			
2016/17-2	Lab	LCS dup, rec	12/21/2016	Pesticide	Pentachlorophenol	n/a	=	81	%	EPA 8270C	-88	-88	29	106	
2016/17-2	Lab	LCS, RPD	12/21/2016	Pesticide	Pentachlorophenol	n/a	=	16	%	EPA 8270C	-88	-88	0	30	
2016/17-2	000NONPJ	matrix spike	11/30/2016	Pesticide	Phorate	n/a	=	0.0624	µg/L	EPA 525.2m	0.003	0.01			
2016/17-2	000NONPJ	matrix spike, rec	11/30/2016	Pesticide	Phorate	n/a	=	125	%	EPA 525.2m	-88	-88	31	181	
2016/17-2	000NONPJ	matrix spike dup	11/30/2016	Pesticide	Phorate	n/a	=	0.0647	µg/L	EPA 525.2m	0.003	0.01			
2016/17-2	000NONPJ	matrix spike dup, rec	11/30/2016	Pesticide	Phorate	n/a	=	129	%	EPA 525.2m	-88	-88	31	181	
2016/17-2	000NONPJ	matrix spike, RPD	11/30/2016	Pesticide	Phorate	n/a	=	4	%	EPA 525.2m	-88	-88	0	30	
2016/17-2	000NONPJ	matrix spike	11/30/2016	Pesticide	Phorate	n/a	=	0.0577	µg/L	EPA 525.2m	0.003	0.01			
2016/17-2	000NONPJ	matrix spike, rec	11/30/2016	Pesticide	Phorate	n/a	=	115	%	EPA 525.2m	-88	-88	31	181	
2016/17-2	Lab	method blank	11/30/2016	Pesticide	Phorate	n/a	<	0.003	µg/L	EPA 525.2m	0.003	0.01			
2016/17-2	Lab	LCS	11/30/2016	Pesticide	Phorate	n/a	=	0.0523	µg/L	EPA 525.2m	0.003	0.01			
2016/17-2	Lab	LCS, rec	11/30/2016	Pesticide	Phorate	n/a	=	105	%	EPA 525.2m	-88	-88	26	180	
2016/17-2	Lab	method blank	11/30/2016	Pesticide	Phorate	n/a	<	0.003	µg/L	EPA 525.2m	0.003	0.01			
2016/17-2	Lab	LCS	11/30/2016	Pesticide	Phorate	n/a	=	0.0486	µg/L	EPA 525.2m	0.003	0.01			
2016/17-2	Lab	LCS, rec	11/30/2016	Pesticide	Phorate	n/a	=	97	%	EPA 525.2m	-88	-88	26	180	
2016/17-2	000NONPJ	matrix spike	12/3/2016	Pesticide	Picloram	n/a	=	3.95	µg/L	EPA 515.3	0.05	0.6			
2016/17-2	000NONPJ	matrix spike, rec	12/3/2016	Pesticide	Picloram	n/a	=	99	%	EPA 515.3	-88	-88	70	130	
2016/17-2	000NONPJ	matrix spike dup	12/3/2016	Pesticide	Picloram	n/a	=	3.81	µg/L	EPA 515.3	0.05	0.6			
2016/17-2	000NONPJ	matrix spike dup, rec	12/3/2016	Pesticide	Picloram	n/a	=	95	%	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	
2016/17-2	000NONPJ	matrix spike, RPD	12/3/2016	Pesticide	Picloram	n/a	=	4	%	EPA 515.3	-88	-88	0	30	
2016/17-2	000NONPJ	matrix spike	12/3/2016	Pesticide	Picloram	n/a	=	4.08	µg/L	EPA 515.3	0.05	0.6			
2016/17-2	000NONPJ	matrix spike, rec	12/3/2016	Pesticide	Picloram	n/a	=	102	%	EPA 515.3	-88	-88	70	130	
2016/17-2	000NONPJ	matrix spike dup	12/3/2016	Pesticide	Picloram	n/a	=	4.24	µg/L	EPA 515.3	0.05	0.6			
2016/17-2	000NONPJ	matrix spike dup, rec	12/3/2016	Pesticide	Picloram	n/a	=	106	%	EPA 515.3	-88	-88	70	130	
2016/17-2	000NONPJ	matrix spike, RPD	12/3/2016	Pesticide	Picloram	n/a	=	4	%	EPA 515.3	-88	-88	0	30	
2016/17-2	Lab	method blank	12/3/2016	Pesticide	Picloram	n/a	<	0.05	µg/L	EPA 515.3	0.05	0.6			
2016/17-2	Lab	LCS	12/3/2016	Pesticide	Picloram	n/a	=	3.71	µg/L	EPA 515.3	0.05	0.6			
2016/17-2	Lab	LCS, rec	12/3/2016	Pesticide	Picloram	n/a	=	93	%	EPA 515.3	-88	-88	70	130	
2016/17-2	Lab	method blank	12/5/2016	Pesticide	Prometon	n/a	<	0.024	µg/L	EPA 525.2	0.024	0.2			
2016/17-2	Lab	LCS	12/5/2016	Pesticide	Prometon	n/a	=	1.16	µg/L	EPA 525.2	0.024	0.2			
2016/17-2	Lab	LCS, rec	12/5/2016	Pesticide	Prometon	n/a	=	23	%	EPA 525.2	-88	-88	17	101	
2016/17-2	Lab	LCS dup	12/5/2016	Pesticide	Prometon	n/a	=	1.16	µg/L	EPA 525.2	0.024	0.2			
2016/17-2	Lab	LCS dup, rec	12/5/2016	Pesticide	Prometon	n/a	=	23	%	EPA 525.2	-88	-88	17	101	
2016/17-2	Lab	LCS, RPD	12/5/2016	Pesticide	Prometon	n/a	=	0	%	EPA 525.2	-88	-88	0	30	
2016/17-2	Lab	method blank	12/5/2016	Pesticide	Prometryn	n/a	<	0.036	µg/L	EPA 525.2	0.036	0.1			
2016/17-2	Lab	LCS	12/5/2016	Pesticide	Prometryn	n/a	=	3.35	µg/L	EPA 525.2	0.036	0.1			
2016/17-2	Lab	LCS, rec	12/5/2016	Pesticide	Prometryn	n/a	=	67	%	EPA 525.2	-88	-88	57	122	
2016/17-2	Lab	LCS dup	12/5/2016	Pesticide	Prometryn	n/a	=	3.47	µg/L	EPA 525.2	0.036	0.1			
2016/17-2	Lab	LCS dup, rec	12/5/2016	Pesticide	Prometryn	n/a	=	69	%	EPA 525.2	-88	-88	57	122	
2016/17-2	Lab	LCS, RPD	12/5/2016	Pesticide	Prometryn	n/a	=	4	%	EPA 525.2	-88	-88	0	30	
2016/17-2	000NONPJ	matrix spike	11/30/2016	Pesticide	Ronnel (Fenchlorphos)	n/a	=	0.0688	µg/L	EPA 525.2m	0.0041	0.01			
2016/17-2	000NONPJ	matrix spike, rec	11/30/2016	Pesticide	Ronnel (Fenchlorphos)	n/a	=	138	%	EPA 525.2m	-88	-88	29	153	
2016/17-2	000NONPJ	matrix spike dup	11/30/2016	Pesticide	Ronnel (Fenchlorphos)	n/a	=	0.0699	µg/L	EPA 525.2m	0.0041	0.01			
2016/17-2	000NONPJ	matrix spike dup, rec	11/30/2016	Pesticide	Ronnel (Fenchlorphos)	n/a	=	140	%	EPA 525.2m	-88	-88	29	153	
2016/17-2	000NONPJ	matrix spike, RPD	11/30/2016	Pesticide	Ronnel (Fenchlorphos)	n/a	=	2	%	EPA 525.2m	-88	-88	0	30	
2016/17-2	000NONPJ	matrix spike	11/30/2016	Pesticide	Ronnel (Fenchlorphos)	n/a	=	0.0649	µg/L	EPA 525.2m	0.0041	0.01			
2016/17-2	000NONPJ	matrix spike, rec	11/30/2016	Pesticide	Ronnel (Fenchlorphos)	n/a	=	130	%	EPA 525.2m	-88	-88	29	153	
2016/17-2	Lab	method blank	11/30/2016	Pesticide	Ronnel (Fenchlorphos)	n/a	<	0.0041	µg/L	EPA 525.2m	0.0041	0.01			
2016/17-2	Lab	LCS	11/30/2016	Pesticide	Ronnel (Fenchlorphos)	n/a	=	0.0583	µg/L	EPA 525.2m	0.0041	0.01			
2016/17-2	Lab	LCS, rec	11/30/2016	Pesticide	Ronnel (Fenchlorphos)	n/a	=	117	%	EPA 525.2m	-88	-88	34	154	
2016/17-2	Lab	method blank	11/30/2016	Pesticide	Ronnel (Fenchlorphos)	n/a	<	0.0041	µg/L	EPA 525.2m	0.0041	0.01			
2016/17-2	Lab	LCS	11/30/2016	Pesticide	Ronnel (Fenchlorphos)	n/a	=	0.0474	µg/L	EPA 525.2m	0.0041	0.01			
2016/17-2	Lab	LCS, rec	11/30/2016	Pesticide	Ronnel (Fenchlorphos)	n/a	=	95	%	EPA 525.2m	-88	-88	34	154	
2016/17-2	Lab	method blank	12/5/2016	Pesticide	Simazine	n/a	<	0.015	µg/L	EPA 525.2	0.015	0.1			
2016/17-2	Lab	LCS	12/5/2016	Pesticide	Simazine	n/a	=	4.87	µg/L	EPA 525.2	0.015	0.1			
2016/17-2	Lab	LCS, rec	12/5/2016	Pesticide	Simazine	n/a	=	97	%	EPA 525.2	-88	-88	53	116	
2016/17-2	Lab	LCS dup	12/5/2016	Pesticide	Simazine	n/a	=	4.34	µg/L	EPA 525.2	0.015	0.1			
2016/17-2	Lab	LCS dup, rec	12/5/2016	Pesticide	Simazine	n/a	=	87	%	EPA 525.2	-88	-88	53	116	
2016/17-2	Lab	LCS, RPD	12/5/2016	Pesticide	Simazine	n/a	=	12	%	EPA 525.2	-88	-88	0	30	
2016/17-2	000NONPJ	matrix spike	11/30/2016	Pesticide	Stirophos (Tetrachlorvinphos)	n/a	=	0.0675	µg/L	EPA 525.2m	0.0031	0.01			
2016/17-2	000NONPJ	matrix spike, rec	11/30/2016	Pesticide	Stirophos (Tetrachlorvinphos)	n/a	=	135	%	EPA 525.2m	-88	-88	0.1	167	
2016/17-2	000NONPJ	matrix spike dup	11/30/2016	Pesticide	Stirophos (Tetrachlorvinphos)	n/a	=	0.0716	µg/L	EPA 525.2m	0.0031	0.01			
2016/17-2	000NONPJ	matrix spike dup, rec	11/30/2016	Pesticide	Stirophos (Tetrachlorvinphos)	n/a	=	143	%	EPA 525.2m	-88	-88	0.1	167	
2016/17-2	000NONPJ	matrix spike, RPD	11/30/2016	Pesticide	Stirophos (Tetrachlorvinphos)	n/a	=	6	%	EPA 525.2m	-88	-88	0	30	
2016/17-2	000NONPJ	matrix spike	11/30/2016	Pesticide	Stirophos (Tetrachlorvinphos)	n/a	=	0.0581	µg/L	EPA 525.2m	0.0031	0.01			
2016/17-2	000NONPJ	matrix spike, rec	11/30/2016	Pesticide	Stirophos (Tetrachlorvinphos)	n/a	=	116	%	EPA 525.2m	-88	-88	0.1	167	

Appendix F
Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2016/17-2	Lab	method blank	11/30/2016	Pesticide	Stirophos (Tetrachlorvinphos)	n/a	<	0.0031	µg/L	EPA 525.2m	0.0031	0.01			
2016/17-2	Lab	LCS	11/30/2016	Pesticide	Stirophos (Tetrachlorvinphos)	n/a	=	0.0561	µg/L	EPA 525.2m	0.0031	0.01			
2016/17-2	Lab	LCS, rec	11/30/2016	Pesticide	Stirophos (Tetrachlorvinphos)	n/a	=	112	%	EPA 525.2m	-88	-88	0.1	188	
2016/17-2	Lab	method blank	11/30/2016	Pesticide	Stirophos (Tetrachlorvinphos)	n/a	<	0.0031	µg/L	EPA 525.2m	0.0031	0.01			
2016/17-2	Lab	LCS	11/30/2016	Pesticide	Stirophos (Tetrachlorvinphos)	n/a	=	0.0426	µg/L	EPA 525.2m	0.0031	0.01			
2016/17-2	Lab	LCS, rec	11/30/2016	Pesticide	Stirophos (Tetrachlorvinphos)	n/a	=	85	%	EPA 525.2m	-88	-88	0.1	188	
2016/17-2	Lab	method blank	12/5/2016	Pesticide	Terbacil	n/a	<	0.55	µg/L	EPA 525.2	0.55	2			
2016/17-2	Lab	LCS	12/5/2016	Pesticide	Terbacil	n/a	=	5.18	µg/L	EPA 525.2	0.55	2			
2016/17-2	Lab	LCS, rec	12/5/2016	Pesticide	Terbacil	n/a	=	104	%	EPA 525.2	-88	-88	70	135	
2016/17-2	Lab	LCS dup	12/5/2016	Pesticide	Terbacil	n/a	=	5.2	µg/L	EPA 525.2	0.55	2			
2016/17-2	Lab	LCS dup, rec	12/5/2016	Pesticide	Terbacil	n/a	=	104	%	EPA 525.2	-88	-88	70	135	
2016/17-2	Lab	LCS, RPD	12/5/2016	Pesticide	Terbacil	n/a	=	0.4	%	EPA 525.2	-88	-88	0	30	
2016/17-2	Lab	method blank	12/5/2016	Pesticide	Thiobencarb	n/a	<	0.025	µg/L	EPA 525.2	0.025	0.2			
2016/17-2	Lab	LCS	12/5/2016	Pesticide	Thiobencarb	n/a	=	5.21	µg/L	EPA 525.2	0.025	0.2			
2016/17-2	Lab	LCS, rec	12/5/2016	Pesticide	Thiobencarb	n/a	=	104	%	EPA 525.2	-88	-88	56	125	
2016/17-2	Lab	LCS dup	12/5/2016	Pesticide	Thiobencarb	n/a	=	4.93	µg/L	EPA 525.2	0.025	0.2			
2016/17-2	Lab	LCS dup, rec	12/5/2016	Pesticide	Thiobencarb	n/a	=	99	%	EPA 525.2	-88	-88	56	125	
2016/17-2	Lab	LCS, RPD	12/5/2016	Pesticide	Thiobencarb	n/a	=	6	%	EPA 525.2	-88	-88	0	30	
2016/17-2	000NONPJ	matrix spike	11/30/2016	Pesticide	Tokuthion	n/a	=	0.0456	µg/L	EPA 525.2m	0.0078	0.01			
2016/17-2	000NONPJ	matrix spike, rec	11/30/2016	Pesticide	Tokuthion	n/a	=	91	%	EPA 525.2m	-88	-88	27	160	
2016/17-2	000NONPJ	matrix spike dup	11/30/2016	Pesticide	Tokuthion	n/a	=	0.0446	µg/L	EPA 525.2m	0.0078	0.01			
2016/17-2	000NONPJ	matrix spike dup, rec	11/30/2016	Pesticide	Tokuthion	n/a	=	89	%	EPA 525.2m	-88	-88	27	160	
2016/17-2	000NONPJ	matrix spike, RPD	11/30/2016	Pesticide	Tokuthion	n/a	=	2	%	EPA 525.2m	-88	-88	0	30	
2016/17-2	000NONPJ	matrix spike	11/30/2016	Pesticide	Tokuthion	n/a	=	0.0514	µg/L	EPA 525.2m	0.0078	0.01			
2016/17-2	000NONPJ	matrix spike, rec	11/30/2016	Pesticide	Tokuthion	n/a	=	103	%	EPA 525.2m	-88	-88	27	160	
2016/17-2	Lab	method blank	11/30/2016	Pesticide	Tokuthion	n/a	<	0.0078	µg/L	EPA 525.2m	0.0078	0.01			
2016/17-2	Lab	LCS	11/30/2016	Pesticide	Tokuthion	n/a	=	0.0473	µg/L	EPA 525.2m	0.0078	0.01			
2016/17-2	Lab	LCS, rec	11/30/2016	Pesticide	Tokuthion	n/a	=	95	%	EPA 525.2m	-88	-88	23	159	
2016/17-2	Lab	method blank	11/30/2016	Pesticide	Tokuthion	n/a	<	0.0078	µg/L	EPA 525.2m	0.0078	0.01			
2016/17-2	Lab	LCS	11/30/2016	Pesticide	Tokuthion	n/a	=	0.0549	µg/L	EPA 525.2m	0.0078	0.01			
2016/17-2	Lab	LCS, rec	11/30/2016	Pesticide	Tokuthion	n/a	=	110	%	EPA 525.2m	-88	-88	23	159	
2016/17-2	Lab	method blank	12/20/2016	Pesticide	Toxaphene	n/a	<	0.12	µg/L	EPA 608	0.12	0.5			
2016/17-2	Lab	method blank	12/22/2016	Pesticide	Toxaphene	n/a	<	0.12	µg/L	EPA 608	0.12	0.5			
2016/17-2	Lab	method blank	12/23/2016	Pesticide	Toxaphene	n/a	<	0.12	µg/L	EPA 608	0.12	0.5			
2016/17-2	000NONPJ	matrix spike	11/30/2016	Pesticide	Trichloronate	n/a	=	0.0738	µg/L	EPA 525.2m	0.0067	0.01			
2016/17-2	000NONPJ	matrix spike, rec	11/30/2016	Pesticide	Trichloronate	n/a	=	148	%	EPA 525.2m	-88	-88	40	150	
2016/17-2	000NONPJ	matrix spike dup	11/30/2016	Pesticide	Trichloronate	n/a	=	0.0701	µg/L	EPA 525.2m	0.0067	0.01			
2016/17-2	000NONPJ	matrix spike dup, rec	11/30/2016	Pesticide	Trichloronate	n/a	=	140	%	EPA 525.2m	-88	-88	40	150	
2016/17-2	000NONPJ	matrix spike, RPD	11/30/2016	Pesticide	Trichloronate	n/a	=	5	%	EPA 525.2m	-88	-88	0	30	
2016/17-2	000NONPJ	matrix spike	11/30/2016	Pesticide	Trichloronate	n/a	=	0.072	µg/L	EPA 525.2m	0.0067	0.01			
2016/17-2	000NONPJ	matrix spike, rec	11/30/2016	Pesticide	Trichloronate	n/a	=	144	%	EPA 525.2m	-88	-88	40	150	
2016/17-2	Lab	method blank	11/30/2016	Pesticide	Trichloronate	n/a	<	0.0067	µg/L	EPA 525.2m	0.0067	0.01			
2016/17-2	Lab	LCS	11/30/2016	Pesticide	Trichloronate	n/a	=	0.0649	µg/L	EPA 525.2m	0.0067	0.01			
2016/17-2	Lab	LCS, rec	11/30/2016	Pesticide	Trichloronate	n/a	=	130	%	EPA 525.2m	-88	-88	34	153	
2016/17-2	Lab	method blank	11/30/2016	Pesticide	Trichloronate	n/a	<	0.0067	µg/L	EPA 525.2m	0.0067	0.01			
2016/17-2	Lab	LCS	11/30/2016	Pesticide	Trichloronate	n/a	=	0.0522	µg/L	EPA 525.2m	0.0067	0.01			
2016/17-2	Lab	LCS, rec	11/30/2016	Pesticide	Trichloronate	n/a	=	104	%	EPA 525.2m	-88	-88	34	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	
2016/17-2	Lab	method blank	12/5/2016	Pesticide	Trithion	n/a	<	0.012	µg/L	EPA 525.2	0.012	0.1			
2016/17-2	Lab	LCS	12/5/2016	Pesticide	Trithion	n/a	=	5.13	µg/L	EPA 525.2	0.012	0.1			
2016/17-2	Lab	LCS, rec	12/5/2016	Pesticide	Trithion	n/a	=	103	%	EPA 525.2	-88	-88	60	124	
2016/17-2	Lab	LCS dup	12/5/2016	Pesticide	Trithion	n/a	=	4.94	µg/L	EPA 525.2	0.012	0.1			
2016/17-2	Lab	LCS dup, rec	12/5/2016	Pesticide	Trithion	n/a	=	99	%	EPA 525.2	-88	-88	60	124	
2016/17-2	Lab	LCS, RPD	12/5/2016	Pesticide	Trithion	n/a	=	4	%	EPA 525.2	-88	-88	0	30	
2016/17-3	000NONPJ	matrix spike	12/27/2016	Anion	Chloride	n/a	=	150	mg/L	EPA 300.0	1	5			
2016/17-3	000NONPJ	matrix spike dup	12/27/2016	Anion	Chloride	n/a	=	151	mg/L	EPA 300.0	1	5			
2016/17-3	000NONPJ	matrix spike dup, rec	12/27/2016	Anion	Chloride	n/a	=	108	%	EPA 300.0	-88	-88	76	118	
2016/17-3	000NONPJ	matrix spike, rec	12/27/2016	Anion	Chloride	n/a	=	107	%	EPA 300.0	-88	-88	76	118	
2016/17-3	000NONPJ	matrix spike, RPD	12/27/2016	Anion	Chloride	n/a	=	0.2	%	EPA 300.0	-88	-88	0	20	
2016/17-3	Lab	LCS	12/27/2016	Anion	Chloride	n/a	=	5.23	mg/L	EPA 300.0	0.1	0.5			
2016/17-3	Lab	LCS, rec	12/27/2016	Anion	Chloride	n/a	=	103	%	EPA 300.0	-88	-88	90	110	
2016/17-3	Lab	method blank	12/27/2016	Anion	Chloride	n/a	<	0.1	mg/L	EPA 300.0	0.1	0.5			
2016/17-3	MO-CAM	matrix spike	12/27/2016	Anion	Chloride	n/a	=	58.8	mg/L	EPA 300.0	1	5			
2016/17-3	MO-CAM	matrix spike dup	12/27/2016	Anion	Chloride	n/a	=	58.7	mg/L	EPA 300.0	1	5			
2016/17-3	MO-CAM	matrix spike dup, rec	12/27/2016	Anion	Chloride	n/a	=	105	%	EPA 300.0	-88	-88	76	118	
2016/17-3	MO-CAM	matrix spike, rec	12/27/2016	Anion	Chloride	n/a	=	105	%	EPA 300.0	-88	-88	76	118	
2016/17-3	MO-CAM	matrix spike, RPD	12/27/2016	Anion	Chloride	n/a	=	0.1	%	EPA 300.0	-88	-88	0	20	
2016/17-3	000NONPJ	matrix spike	12/27/2016	Anion	Fluoride	n/a	=	10.2	mg/L	EPA 300.0	0.2	1			
2016/17-3	000NONPJ	matrix spike dup	12/27/2016	Anion	Fluoride	n/a	=	10.2	mg/L	EPA 300.0	0.2	1			
2016/17-3	000NONPJ	matrix spike dup, rec	12/27/2016	Anion	Fluoride	n/a	=	103	%	EPA 300.0	-88	-88	86	107	
2016/17-3	000NONPJ	matrix spike, rec	12/27/2016	Anion	Fluoride	n/a	=	103	%	EPA 300.0	-88	-88	86	107	
2016/17-3	000NONPJ	matrix spike, RPD	12/27/2016	Anion	Fluoride	n/a	=	0.3	%	EPA 300.0	-88	-88	0	20	
2016/17-3	Lab	LCS	12/27/2016	Anion	Fluoride	n/a	=	1.08	mg/L	EPA 300.0	0.02	0.1			
2016/17-3	Lab	LCS, rec	12/27/2016	Anion	Fluoride	n/a	=	109	%	EPA 300.0	-88	-88	90	110	
2016/17-3	Lab	method blank	12/27/2016	Anion	Fluoride	n/a	<	0.02	mg/L	EPA 300.0	0.02	0.1			
2016/17-3	MO-CAM	matrix spike	12/27/2016	Anion	Fluoride	n/a	=	10.2	mg/L	EPA 300.0	0.2	1			
2016/17-3	MO-CAM	matrix spike dup	12/27/2016	Anion	Fluoride	n/a	=	10.2	mg/L	EPA 300.0	0.2	1			
2016/17-3	MO-CAM	matrix spike dup, rec	12/27/2016	Anion	Fluoride	n/a	=	103	%	EPA 300.0	-88	-88	86	107	
2016/17-3	MO-CAM	matrix spike, rec	12/27/2016	Anion	Fluoride	n/a	=	103	%	EPA 300.0	-88	-88	86	107	
2016/17-3	MO-CAM	matrix spike, RPD	12/27/2016	Anion	Fluoride	n/a	=	0.3	%	EPA 300.0	-88	-88	0	20	
2016/17-3	000NONPJ	matrix spike	12/21/2016	Anion	Perchlorate	n/a	=	8.43	µg/L	EPA 314.0	0.95	2			
2016/17-3	000NONPJ	matrix spike, rec	12/21/2016	Anion	Perchlorate	n/a	=	84	%	EPA 314.0	-88	-88	80	120	
2016/17-3	000NONPJ	matrix spike dup	12/21/2016	Anion	Perchlorate	n/a	=	9.5	µg/L	EPA 314.0	0.95	2			
2016/17-3	000NONPJ	matrix spike dup, rec	12/21/2016	Anion	Perchlorate	n/a	=	95	%	EPA 314.0	-88	-88	80	120	
2016/17-3	000NONPJ	matrix spike, RPD	12/21/2016	Anion	Perchlorate	n/a	=	12	%	EPA 314.0	-88	-88	0	15	
2016/17-3	Lab	method blank	12/21/2016	Anion	Perchlorate	n/a	<	0.95	µg/L	EPA 314.0	0.95	2			
2016/17-3	Lab	LCS	12/21/2016	Anion	Perchlorate	n/a	=	9.45	µg/L	EPA 314.0	0.95	2			
2016/17-3	Lab	LCS, rec	12/21/2016	Anion	Perchlorate	n/a	=	95	%	EPA 314.0	-88	-88	85	115	
2016/17-3	000NONPJ	matrix spike	12/27/2016	Anion	Sulfate	Total	=	131	mg/L	EPA 300.0	1	5			
2016/17-3	000NONPJ	matrix spike dup	12/27/2016	Anion	Sulfate	Total	=	131	mg/L	EPA 300.0	1	5			
2016/17-3	000NONPJ	matrix spike dup, rec	12/27/2016	Anion	Sulfate	Total	=	106	%	EPA 300.0	-88	-88	78	111	
2016/17-3	000NONPJ	matrix spike, rec	12/27/2016	Anion	Sulfate	Total	=	106	%	EPA 300.0	-88	-88	78	111	
2016/17-3	000NONPJ	matrix spike, RPD	12/27/2016	Anion	Sulfate	Total	=	0.02	%	EPA 300.0	-88	-88	0	20	
2016/17-3	Lab	LCS	12/27/2016	Anion	Sulfate	Total	=	5.28	mg/L	EPA 300.0	0.1	0.5			
2016/17-3	Lab	LCS, rec	12/27/2016	Anion	Sulfate	Total	=	105	%	EPA 300.0	-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	
2016/17-3	Lab	method blank	12/27/2016	Anion	Sulfate	Total	<	0.1	mg/L	EPA 300.0	0.1	0.5			
2016/17-3	MO-CAM	matrix spike	12/27/2016	Anion	Sulfate	Total	=	60.2	mg/L	EPA 300.0	1	5			
2016/17-3	MO-CAM	matrix spike dup	12/27/2016	Anion	Sulfate	Total	=	60.4	mg/L	EPA 300.0	1	5			
2016/17-3	MO-CAM	matrix spike dup, rec	12/27/2016	Anion	Sulfate	Total	=	105	%	EPA 300.0	-88	-88	78	111	
2016/17-3	MO-CAM	matrix spike, rec	12/27/2016	Anion	Sulfate	Total	=	105	%	EPA 300.0	-88	-88	78	111	
2016/17-3	MO-CAM	matrix spike, RPD	12/27/2016	Anion	Sulfate	Total	=	0.4	%	EPA 300.0	-88	-88	0	20	
2016/17-3	MO-CAM	field duplicate	12/16/2016	Bacteriological	E. Coli	n/a	=	3076	MPN/100 mL	MMO-MUG	10	10	-88	-88	
2016/17-3	MO-SPA	field blank	12/16/2016	Bacteriological	E. Coli	n/a	<	10	MPN/100 mL	MMO-MUG	10	10	-88	-88	
2016/17-3	MO-CAM	field duplicate	12/19/2016	Bacteriological	Fecal Coliform	n/a	>	16000	MPN/100 mL	SM 9221 E	2	2	-88	-88	
2016/17-3	MO-SPA	field blank	12/17/2016	Bacteriological	Fecal Coliform	n/a	<	2	MPN/100 mL	SM 9221 E	2	2	-88	-88	
2016/17-3	MO-CAM	field duplicate	12/16/2016	Bacteriological	Total Coliform	n/a	=	21430	MPN/100 mL	MMO-MUG	100	100	-88	-88	
2016/17-3	MO-SPA	field blank	12/16/2016	Bacteriological	Total Coliform	n/a	<	10	MPN/100 mL	MMO-MUG	10	10	-88	-88	
2016/17-3	Lab	method blank	12/27/2016	Cation	Calcium	Total	<	0.016	mg/L	EPA 200.7	0.016	0.1			
2016/17-3	Lab	LCS	12/27/2016	Cation	Calcium	Total	=	48	mg/L	EPA 200.7	0.016	0.1			
2016/17-3	Lab	LCS, rec	12/27/2016	Cation	Calcium	Total	=	96	%	EPA 200.7	-88	-88	85	115	
2016/17-3	Lab	method blank	12/29/2016	Cation	Calcium	Total	<	0.016	mg/L	EPA 200.7	0.016	0.1			
2016/17-3	Lab	LCS	12/29/2016	Cation	Calcium	Total	=	45.3	mg/L	EPA 200.7	0.016	0.1			
2016/17-3	Lab	LCS, rec	12/29/2016	Cation	Calcium	Total	=	90	%	EPA 200.7	-88	-88	85	115	
2016/17-3	ME-CC	matrix spike	12/29/2016	Cation	Calcium	Total	=	80.2	mg/L	EPA 200.7	0.016	0.1			
2016/17-3	ME-CC	matrix spike, rec	12/29/2016	Cation	Calcium	Total	=	89	%	EPA 200.7	-88	-88	70	130	
2016/17-3	ME-CC	matrix spike dup	12/29/2016	Cation	Calcium	Total	=	80.4	mg/L	EPA 200.7	0.016	0.1			
2016/17-3	ME-CC	matrix spike dup, rec	12/29/2016	Cation	Calcium	Total	=	90	%	EPA 200.7	-88	-88	70	130	
2016/17-3	ME-CC	matrix spike, RPD	12/29/2016	Cation	Calcium	Total	=	0.2	%	EPA 200.7	-88	-88	0	30	
2016/17-3	ME-VR2	matrix spike	12/29/2016	Cation	Calcium	Total	=	170	mg/L	EPA 200.7	0.016	0.1			
2016/17-3	ME-VR2	matrix spike, rec	12/29/2016	Cation	Calcium	Total	=	85	%	EPA 200.7	-88	-88	70	130	
2016/17-3	ME-VR2	matrix spike dup	12/29/2016	Cation	Calcium	Total	=	170	mg/L	EPA 200.7	0.016	0.1			
2016/17-3	ME-VR2	matrix spike dup, rec	12/29/2016	Cation	Calcium	Total	=	85	%	EPA 200.7	-88	-88	70	130	
2016/17-3	ME-VR2	matrix spike, RPD	12/29/2016	Cation	Calcium	Total	=	0.1	%	EPA 200.7	-88	-88	0	30	
2016/17-3	MO-THO	matrix spike	12/27/2016	Cation	Calcium	Total	=	82.5	mg/L	EPA 200.7	0.016	0.1			
2016/17-3	MO-THO	matrix spike, rec	12/27/2016	Cation	Calcium	Total	=	93	%	EPA 200.7	-88	-88	70	130	
2016/17-3	MO-THO	matrix spike dup	12/27/2016	Cation	Calcium	Total	=	83.4	mg/L	EPA 200.7	0.016	0.1			
2016/17-3	MO-THO	matrix spike dup, rec	12/27/2016	Cation	Calcium	Total	=	95	%	EPA 200.7	-88	-88	70	130	
2016/17-3	MO-THO	matrix spike, RPD	12/27/2016	Cation	Calcium	Total	=	1	%	EPA 200.7	-88	-88	0	30	
2016/17-3	Lab	method blank	12/27/2016	Cation	Magnesium	Total	<	0.012	mg/L	EPA 200.7	0.012	0.1			
2016/17-3	Lab	LCS	12/27/2016	Cation	Magnesium	Total	=	50.1	mg/L	EPA 200.7	0.012	0.1			
2016/17-3	Lab	LCS, rec	12/27/2016	Cation	Magnesium	Total	=	100	%	EPA 200.7	-88	-88	85	115	
2016/17-3	Lab	method blank	12/29/2016	Cation	Magnesium	Total	<	0.012	mg/L	EPA 200.7	0.012	0.1			
2016/17-3	Lab	LCS	12/29/2016	Cation	Magnesium	Total	=	47.8	mg/L	EPA 200.7	0.012	0.1			
2016/17-3	Lab	LCS, rec	12/29/2016	Cation	Magnesium	Total	=	95	%	EPA 200.7	-88	-88	85	115	
2016/17-3	ME-CC	matrix spike	12/29/2016	Cation	Magnesium	Total	=	69.6	mg/L	EPA 200.7	0.012	0.1			
2016/17-3	ME-CC	matrix spike, rec	12/29/2016	Cation	Magnesium	Total	=	98	%	EPA 200.7	-88	-88	70	130	
2016/17-3	ME-CC	matrix spike dup	12/29/2016	Cation	Magnesium	Total	=	69.6	mg/L	EPA 200.7	0.012	0.1			
2016/17-3	ME-CC	matrix spike dup, rec	12/29/2016	Cation	Magnesium	Total	=	97	%	EPA 200.7	-88	-88	70	130	
2016/17-3	ME-CC	matrix spike, RPD	12/29/2016	Cation	Magnesium	Total	=	0.1	%	EPA 200.7	-88	-88	0	30	
2016/17-3	ME-VR2	matrix spike	12/29/2016	Cation	Magnesium	Total	=	90.2	mg/L	EPA 200.7	0.012	0.1			
2016/17-3	ME-VR2	matrix spike, rec	12/29/2016	Cation	Magnesium	Total	=	99	%	EPA 200.7	-88	-88	70	130	
2016/17-3	ME-VR2	matrix spike dup	12/29/2016	Cation	Magnesium	Total	=	90.1	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	
2016/17-3	ME-VR2	matrix spike dup, rec	12/29/2016	Cation	Magnesium	Total	=	99	%	EPA 200.7	-88	-88	70	130	
2016/17-3	ME-VR2	matrix spike, RPD	12/29/2016	Cation	Magnesium	Total	=	0.07	%	EPA 200.7	-88	-88	0	30	
2016/17-3	MO-THO	matrix spike	12/27/2016	Cation	Magnesium	Total	=	78.5	mg/L	EPA 200.7	0.012	0.1			
2016/17-3	MO-THO	matrix spike, rec	12/27/2016	Cation	Magnesium	Total	=	101	%	EPA 200.7	-88	-88	70	130	
2016/17-3	MO-THO	matrix spike dup	12/27/2016	Cation	Magnesium	Total	=	79.6	mg/L	EPA 200.7	0.012	0.1			
2016/17-3	MO-THO	matrix spike dup, rec	12/27/2016	Cation	Magnesium	Total	=	103	%	EPA 200.7	-88	-88	70	130	
2016/17-3	MO-THO	matrix spike, RPD	12/27/2016	Cation	Magnesium	Total	=	1	%	EPA 200.7	-88	-88	0	30	
2016/17-3	Lab	method blank	12/27/2016	Cation	Potassium	Total	<	0.081	mg/L	EPA 200.7	0.081	0.1			
2016/17-3	Lab	LCS	12/27/2016	Cation	Potassium	Total	=	51	mg/L	EPA 200.7	0.081	0.1			
2016/17-3	Lab	LCS, rec	12/27/2016	Cation	Potassium	Total	=	102	%	EPA 200.7	-88	-88	85	115	
2016/17-3	Lab	method blank	12/29/2016	Cation	Potassium	Total	<	0.081	mg/L	EPA 200.7	0.081	0.1			
2016/17-3	Lab	LCS	12/29/2016	Cation	Potassium	Total	=	48.1	mg/L	EPA 200.7	0.081	0.1			
2016/17-3	Lab	LCS, rec	12/29/2016	Cation	Potassium	Total	=	96	%	EPA 200.7	-88	-88	85	115	
2016/17-3	ME-CC	matrix spike	12/29/2016	Cation	Potassium	Total	=	61	mg/L	EPA 200.7	0.081	0.1			
2016/17-3	ME-CC	matrix spike, rec	12/29/2016	Cation	Potassium	Total	=	100	%	EPA 200.7	-88	-88	70	130	
2016/17-3	ME-CC	matrix spike dup	12/29/2016	Cation	Potassium	Total	=	60.9	mg/L	EPA 200.7	0.081	0.1			
2016/17-3	ME-CC	matrix spike dup, rec	12/29/2016	Cation	Potassium	Total	=	100	%	EPA 200.7	-88	-88	70	130	
2016/17-3	ME-CC	matrix spike, RPD	12/29/2016	Cation	Potassium	Total	=	0.1	%	EPA 200.7	-88	-88	0	30	
2016/17-3	ME-VR2	matrix spike	12/29/2016	Cation	Potassium	Total	=	57.6	mg/L	EPA 200.7	0.081	0.1			
2016/17-3	ME-VR2	matrix spike, rec	12/29/2016	Cation	Potassium	Total	=	103	%	EPA 200.7	-88	-88	70	130	
2016/17-3	ME-VR2	matrix spike dup	12/29/2016	Cation	Potassium	Total	=	57.5	mg/L	EPA 200.7	0.081	0.1			
2016/17-3	ME-VR2	matrix spike dup, rec	12/29/2016	Cation	Potassium	Total	=	102	%	EPA 200.7	-88	-88	70	130	
2016/17-3	ME-VR2	matrix spike, RPD	12/29/2016	Cation	Potassium	Total	=	0.1	%	EPA 200.7	-88	-88	0	30	
2016/17-3	MO-THO	matrix spike	12/27/2016	Cation	Potassium	Total	=	56.8	mg/L	EPA 200.7	0.081	0.1			
2016/17-3	MO-THO	matrix spike, rec	12/27/2016	Cation	Potassium	Total	=	106	%	EPA 200.7	-88	-88	70	130	
2016/17-3	MO-THO	matrix spike dup	12/27/2016	Cation	Potassium	Total	=	57.8	mg/L	EPA 200.7	0.081	0.1			
2016/17-3	MO-THO	matrix spike dup, rec	12/27/2016	Cation	Potassium	Total	=	108	%	EPA 200.7	-88	-88	70	130	
2016/17-3	MO-THO	matrix spike, RPD	12/27/2016	Cation	Potassium	Total	=	2	%	EPA 200.7	-88	-88	0	30	
2016/17-3	Lab	method blank	12/27/2016	Cation	Sodium	Total	DNQ	0.141	mg/L	EPA 200.7	0.015	0.5			IP
2016/17-3	Lab	LCS	12/27/2016	Cation	Sodium	Total	=	49.1	mg/L	EPA 200.7	0.015	0.5			
2016/17-3	Lab	LCS, rec	12/27/2016	Cation	Sodium	Total	=	98	%	EPA 200.7	-88	-88	85	115	
2016/17-3	Lab	method blank	12/29/2016	Cation	Sodium	Total	DNQ	0.166	mg/L	EPA 200.7	0.015	0.5			IP
2016/17-3	Lab	LCS	12/29/2016	Cation	Sodium	Total	=	46	mg/L	EPA 200.7	0.015	0.5			
2016/17-3	Lab	LCS, rec	12/29/2016	Cation	Sodium	Total	=	92	%	EPA 200.7	-88	-88	85	115	
2016/17-3	ME-CC	matrix spike	12/29/2016	Cation	Sodium	Total	=	121	mg/L	EPA 200.7	0.015	0.5			
2016/17-3	ME-CC	matrix spike, rec	12/29/2016	Cation	Sodium	Total	=	92	%	EPA 200.7	-88	-88	70	130	
2016/17-3	ME-CC	matrix spike dup	12/29/2016	Cation	Sodium	Total	=	121	mg/L	EPA 200.7	0.015	0.5			
2016/17-3	ME-CC	matrix spike dup, rec	12/29/2016	Cation	Sodium	Total	=	92	%	EPA 200.7	-88	-88	70	130	
2016/17-3	ME-CC	matrix spike, RPD	12/29/2016	Cation	Sodium	Total	=	0.3	%	EPA 200.7	-88	-88	0	30	
2016/17-3	ME-VR2	matrix spike	12/29/2016	Cation	Sodium	Total	=	123	mg/L	EPA 200.7	0.015	0.5			
2016/17-3	ME-VR2	matrix spike, rec	12/29/2016	Cation	Sodium	Total	=	95	%	EPA 200.7	-88	-88	70	130	
2016/17-3	ME-VR2	matrix spike dup	12/29/2016	Cation	Sodium	Total	=	123	mg/L	EPA 200.7	0.015	0.5			
2016/17-3	ME-VR2	matrix spike dup, rec	12/29/2016	Cation	Sodium	Total	=	95	%	EPA 200.7	-88	-88	70	130	
2016/17-3	ME-VR2	matrix spike, RPD	12/29/2016	Cation	Sodium	Total	=	0.05	%	EPA 200.7	-88	-88	0	30	
2016/17-3	MO-THO	matrix spike	12/27/2016	Cation	Sodium	Total	=	89.8	mg/L	EPA 200.7	0.015	0.5			
2016/17-3	MO-THO	matrix spike, rec	12/27/2016	Cation	Sodium	Total	=	97	%	EPA 200.7	-88	-88	70	130	
2016/17-3	MO-THO	matrix spike dup	12/27/2016	Cation	Sodium	Total	=	91	mg/L	EPA 200.7	0.015	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	
2016/17-3	MO-THO	matrix spike dup, rec	12/27/2016	Cation	Sodium	Total	=	99	%	EPA 200.7	-88	-88	70	130	
2016/17-3	MO-THO	matrix spike, RPD	12/27/2016	Cation	Sodium	Total	=	1	%	EPA 200.7	-88	-88	0	30	
2016/17-3	000NONPJ	lab duplicate	12/28/2016	Conventional	Alkalinity as CaCO3	n/a	=	25.8	mg/L	SM 2320 B	0.56	2		15	
2016/17-3	Lab	LCS	12/22/2016	Conventional	Alkalinity as CaCO3	n/a	=	248	mg/L	SM 2320 B	0.56	10			
2016/17-3	Lab	LCS, rec	12/22/2016	Conventional	Alkalinity as CaCO3	n/a	=	99	%	SM 2320 B	-88	-88	94	108	
2016/17-3	Lab	method blank	12/22/2016	Conventional	Alkalinity as CaCO3	n/a	DNQ	3.45	mg/L	SM 2320 B	0.56	10			IP
2016/17-3	Lab	LCS	12/28/2016	Conventional	Alkalinity as CaCO3	n/a	=	260	mg/L	SM 2320 B	0.56	2			
2016/17-3	Lab	LCS, rec	12/28/2016	Conventional	Alkalinity as CaCO3	n/a	=	104	%	SM 2320 B	-88	-88	94	108	
2016/17-3	Lab	method blank	12/28/2016	Conventional	Alkalinity as CaCO3	n/a	DNQ	1.49	mg/L	SM 2320 B	0.56	2			IP
2016/17-3	ME-VR2	lab duplicate	12/22/2016	Conventional	Alkalinity as CaCO3	n/a	=	328	mg/L	SM 2320 B	0.56	10		15	
2016/17-3	000NONPJ	lab duplicate	12/22/2016	Conventional	BOD	n/a	=	5.18	mg/L	SM 5210 B	2	2		20	
2016/17-3	Lab	LCS	12/22/2016	Conventional	BOD	n/a	=	202	mg/L	SM 5210 B	2	2			
2016/17-3	Lab	LCS, rec	12/22/2016	Conventional	BOD	n/a	=	102	%	SM 5210 B	-88	-88	85	115	
2016/17-3	000NONPJ	lab duplicate	12/23/2016	Conventional	COD	n/a	=	553	mg/L	EPA 410.4	1.5	10		15	
2016/17-3	000NONPJ	matrix spike	12/23/2016	Conventional	COD	n/a	=	215	mg/L	EPA 410.4	1.5	10			
2016/17-3	000NONPJ	matrix spike dup	12/23/2016	Conventional	COD	n/a	=	222	mg/L	EPA 410.4	1.5	10			
2016/17-3	000NONPJ	matrix spike dup, rec	12/23/2016	Conventional	COD	n/a	=	104	%	EPA 410.4	-88	-88	90	110	
2016/17-3	000NONPJ	matrix spike, rec	12/23/2016	Conventional	COD	n/a	=	100	%	EPA 410.4	-88	-88	90	110	
2016/17-3	000NONPJ	matrix spike, RPD	12/23/2016	Conventional	COD	n/a	=	3	%	EPA 410.4	-88	-88	0	15	
2016/17-3	000NONPJ	lab duplicate	12/28/2016	Conventional	COD	n/a	=	6870	mg/L	EPA 410.4	7.3	50		15	
2016/17-3	000NONPJ	lab duplicate	12/30/2016	Conventional	COD	n/a	=	633	mg/L	EPA 410.4	1.5	10		15	
2016/17-3	000NONPJ	matrix spike	12/30/2016	Conventional	COD	n/a	=	199	mg/L	EPA 410.4	1.5	10			
2016/17-3	000NONPJ	matrix spike	12/30/2016	Conventional	COD	n/a	=	207	mg/L	EPA 410.4	1.5	10			
2016/17-3	000NONPJ	matrix spike dup	12/30/2016	Conventional	COD	n/a	=	204	mg/L	EPA 410.4	1.5	10			
2016/17-3	000NONPJ	matrix spike dup	12/30/2016	Conventional	COD	n/a	=	214	mg/L	EPA 410.4	1.5	10			
2016/17-3	000NONPJ	matrix spike dup, rec	12/30/2016	Conventional	COD	n/a	=	97	%	EPA 410.4	-88	-88	90	110	
2016/17-3	000NONPJ	matrix spike dup, rec	12/30/2016	Conventional	COD	n/a	=	103	%	EPA 410.4	-88	-88	90	110	
2016/17-3	000NONPJ	matrix spike, rec	12/30/2016	Conventional	COD	n/a	=	95	%	EPA 410.4	-88	-88	90	110	
2016/17-3	000NONPJ	matrix spike, rec	12/30/2016	Conventional	COD	n/a	=	100	%	EPA 410.4	-88	-88	90	110	
2016/17-3	000NONPJ	matrix spike, RPD	12/30/2016	Conventional	COD	n/a	=	3	%	EPA 410.4	-88	-88	0	15	
2016/17-3	000NONPJ	matrix spike, RPD	12/30/2016	Conventional	COD	n/a	=	3	%	EPA 410.4	-88	-88	0	15	
2016/17-3	Lab	LCS	12/23/2016	Conventional	COD	n/a	=	99.9	mg/L	EPA 410.4	0.73	5			
2016/17-3	Lab	LCS, rec	12/23/2016	Conventional	COD	n/a	=	100	%	EPA 410.4	-88	-88	90	110	
2016/17-3	Lab	method blank	12/23/2016	Conventional	COD	n/a	DNQ	0.85	mg/L	EPA 410.4	0.73	5			IP
2016/17-3	Lab	LCS	12/28/2016	Conventional	COD	n/a	=	109	mg/L	EPA 410.4	0.73	5			
2016/17-3	Lab	LCS, rec	12/28/2016	Conventional	COD	n/a	=	109	%	EPA 410.4	-88	-88	90	110	
2016/17-3	Lab	method blank	12/28/2016	Conventional	COD	n/a	DNQ	0.97	mg/L	EPA 410.4	0.73	5			IP
2016/17-3	Lab	LCS	12/30/2016	Conventional	COD	n/a	=	106	mg/L	EPA 410.4	0.73	5			
2016/17-3	Lab	LCS, rec	12/30/2016	Conventional	COD	n/a	=	106	%	EPA 410.4	-88	-88	90	110	
2016/17-3	Lab	method blank	12/30/2016	Conventional	COD	n/a	DNQ	1.3	mg/L	EPA 410.4	0.73	5			IP
2016/17-3	MO-CAM	matrix spike	12/28/2016	Conventional	COD	n/a	=	255	mg/L	EPA 410.4	1.5	10			
2016/17-3	MO-CAM	matrix spike dup	12/28/2016	Conventional	COD	n/a	=	251	mg/L	EPA 410.4	1.5	10			
2016/17-3	MO-CAM	matrix spike dup, rec	12/28/2016	Conventional	COD	n/a	=	95	%	EPA 410.4	-88	-88	90	110	
2016/17-3	MO-CAM	matrix spike, rec	12/28/2016	Conventional	COD	n/a	=	97	%	EPA 410.4	-88	-88	90	110	
2016/17-3	MO-CAM	matrix spike, RPD	12/28/2016	Conventional	COD	n/a	=	2	%	EPA 410.4	-88	-88	0	15	
2016/17-3	MO-OJA	matrix spike	12/28/2016	Conventional	COD	n/a	=	259	mg/L	EPA 410.4	1.5	10			
2016/17-3	MO-OJA	matrix spike dup	12/28/2016	Conventional	COD	n/a	=	257	mg/L	EPA 410.4	1.5	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	
2016/17-3	MO-OJA	matrix spike dup, rec	12/28/2016	Conventional	COD	n/a	=	100	%	EPA 410.4	-88	-88	90	110	
2016/17-3	MO-OJA	matrix spike, rec	12/28/2016	Conventional	COD	n/a	=	101	%	EPA 410.4	-88	-88	90	110	
2016/17-3	MO-OJA	matrix spike, RPD	12/28/2016	Conventional	COD	n/a	=	0.7	%	EPA 410.4	-88	-88	0	15	
2016/17-3	000NONPJ	matrix spike	12/27/2016	Conventional	Cyanide	Total	=	0.0532	mg/L	ASTM D7511	0.0005	0.002			
2016/17-3	000NONPJ	matrix spike	12/27/2016	Conventional	Cyanide	Total	=	0.0508	mg/L	ASTM D7511	0.0005	0.002			
2016/17-3	000NONPJ	matrix spike dup	12/27/2016	Conventional	Cyanide	Total	=	0.0535	mg/L	ASTM D7511	0.0005	0.002			
2016/17-3	000NONPJ	matrix spike dup	12/27/2016	Conventional	Cyanide	Total	=	0.0527	mg/L	ASTM D7511	0.0005	0.002			
2016/17-3	000NONPJ	matrix spike dup, rec	12/27/2016	Conventional	Cyanide	Total	=	105	%	ASTM D7511	-88	-88	64	136	
2016/17-3	000NONPJ	matrix spike dup, rec	12/27/2016	Conventional	Cyanide	Total	=	107	%	ASTM D7511	-88	-88	64	136	
2016/17-3	000NONPJ	matrix spike, rec	12/27/2016	Conventional	Cyanide	Total	=	102	%	ASTM D7511	-88	-88	64	136	
2016/17-3	000NONPJ	matrix spike, rec	12/27/2016	Conventional	Cyanide	Total	=	106	%	ASTM D7511	-88	-88	64	136	
2016/17-3	000NONPJ	matrix spike, RPD	12/27/2016	Conventional	Cyanide	Total	=	0.4	%	ASTM D7511	-88	-88	0	47	
2016/17-3	000NONPJ	matrix spike, RPD	12/27/2016	Conventional	Cyanide	Total	=	4	%	ASTM D7511	-88	-88	0	47	
2016/17-3	000NONPJ	matrix spike	12/28/2016	Conventional	Cyanide	Total	=	0.216	mg/L	ASTM D7511	0.0024	0.01			
2016/17-3	000NONPJ	matrix spike dup	12/28/2016	Conventional	Cyanide	Total	=	0.212	mg/L	ASTM D7511	0.0024	0.01			
2016/17-3	000NONPJ	matrix spike dup, rec	12/28/2016	Conventional	Cyanide	Total	=	85	%	ASTM D7511	-88	-88	64	136	
2016/17-3	000NONPJ	matrix spike, rec	12/28/2016	Conventional	Cyanide	Total	=	86	%	ASTM D7511	-88	-88	64	136	
2016/17-3	000NONPJ	matrix spike, RPD	12/28/2016	Conventional	Cyanide	Total	=	2	%	ASTM D7511	-88	-88	0	47	
2016/17-3	Lab	LCS	12/27/2016	Conventional	Cyanide	Total	=	0.047	mg/L	ASTM D7511	0.0005	0.002			
2016/17-3	Lab	LCS dup	12/27/2016	Conventional	Cyanide	Total	=	0.0469	mg/L	ASTM D7511	0.0005	0.002			
2016/17-3	Lab	LCS dup, rec	12/27/2016	Conventional	Cyanide	Total	=	94	%	ASTM D7511	-88	-88	84	116	
2016/17-3	Lab	LCS, rec	12/27/2016	Conventional	Cyanide	Total	=	94	%	ASTM D7511	-88	-88	84	116	
2016/17-3	Lab	LCS, RPD	12/27/2016	Conventional	Cyanide	Total	=	0.2	%	ASTM D7511	-88	-88	0	12	
2016/17-3	Lab	method blank	12/27/2016	Conventional	Cyanide	Total	<	0.0005	mg/L	ASTM D7511	0.0005	0.002			
2016/17-3	Lab	LCS	12/28/2016	Conventional	Cyanide	Total	=	0.0495	mg/L	ASTM D7511	0.0005	0.002			
2016/17-3	Lab	LCS, rec	12/28/2016	Conventional	Cyanide	Total	=	99	%	ASTM D7511	-88	-88	84	116	
2016/17-3	Lab	method blank	12/28/2016	Conventional	Cyanide	Total	<	0.0005	mg/L	ASTM D7511	0.0005	0.002			
2016/17-3	MO-CAM	field duplicate	12/28/2016	Conventional	Cyanide	Total	DNQ	0.0006	mg/L	ASTM D7511	0.0005	0.002			
2016/17-3	MO-HUE	matrix spike	12/28/2016	Conventional	Cyanide	Total	=	0.0476	mg/L	ASTM D7511	0.0005	0.002			
2016/17-3	MO-HUE	matrix spike dup	12/28/2016	Conventional	Cyanide	Total	=	0.0481	mg/L	ASTM D7511	0.0005	0.002			
2016/17-3	MO-HUE	matrix spike dup, rec	12/28/2016	Conventional	Cyanide	Total	=	96	%	ASTM D7511	-88	-88	64	136	
2016/17-3	MO-HUE	matrix spike, rec	12/28/2016	Conventional	Cyanide	Total	=	95	%	ASTM D7511	-88	-88	64	136	
2016/17-3	MO-HUE	matrix spike, RPD	12/28/2016	Conventional	Cyanide	Total	=	1	%	ASTM D7511	-88	-88	0	47	
2016/17-3	Lab	LCS	12/27/2016	Conventional	Dissolved Inorganic Carbon	Dissolved	=	5.6	mg/L	SM 5310 C	0.5	0.5			
2016/17-3	Lab	LCS	12/27/2016	Conventional	Dissolved Inorganic Carbon	Dissolved	=	9.33	mg/L	SM 5310 C	0.5	0.5			
2016/17-3	Lab	LCS, rec	12/27/2016	Conventional	Dissolved Inorganic Carbon	Dissolved	=	93	%	SM 5310 C	-88	-88	85	115	
2016/17-3	Lab	LCS, rec	12/27/2016	Conventional	Dissolved Inorganic Carbon	Dissolved	=	112	%	SM 5310 C	-88	-88	85	115	
2016/17-3	Lab	method blank	12/27/2016	Conventional	Dissolved Inorganic Carbon	Dissolved	<	0.5	mg/L	SM 5310 C	0.5	0.5			
2016/17-3	Lab	method blank	12/27/2016	Conventional	Dissolved Inorganic Carbon	Dissolved	<	0.5	mg/L	SM 5310 C	0.5	0.5			
2016/17-3	ME-CC	matrix spike	12/27/2016	Conventional	Dissolved Inorganic Carbon	Dissolved	=	81	mg/L	SM 5310 C	5	5			
2016/17-3	ME-CC	matrix spike dup	12/27/2016	Conventional	Dissolved Inorganic Carbon	Dissolved	=	79.6	mg/L	SM 5310 C	5	5			
2016/17-3	ME-CC	matrix spike dup, rec	12/27/2016	Conventional	Dissolved Inorganic Carbon	Dissolved	=	102	%	SM 5310 C	-88	-88	80	116	
2016/17-3	ME-CC	matrix spike, rec	12/27/2016	Conventional	Dissolved Inorganic Carbon	Dissolved	=	105	%	SM 5310 C	-88	-88	80	116	
2016/17-3	ME-CC	matrix spike, RPD	12/27/2016	Conventional	Dissolved Inorganic Carbon	Dissolved	=	2	%	SM 5310 C	-88	-88	0	20	
2016/17-3	Lab	LCS	12/23/2016	Conventional	Dissolved Organic Carbon	Dissolved	=	5.09	mg/L	SM 5310 C	0.013	0.3			
2016/17-3	Lab	LCS	12/23/2016	Conventional	Dissolved Organic Carbon	Dissolved	=	9.97	mg/L	SM 5310 C	0.013	0.3			
2016/17-3	Lab	LCS, rec	12/23/2016	Conventional	Dissolved Organic Carbon	Dissolved	=	100	%	SM 5310 C	-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	
2016/17-3	Lab	LCS, rec	12/23/2016	Conventional	Dissolved Organic Carbon	Dissolved	=	102	%	SM 5310 C	-88	-88	85	115	
2016/17-3	Lab	method blank	12/23/2016	Conventional	Dissolved Organic Carbon	Dissolved	DNQ	0.109	mg/L	SM 5310 C	0.013	0.3			IP
2016/17-3	Lab	method blank	12/23/2016	Conventional	Dissolved Organic Carbon	Dissolved	DNQ	0.0747	mg/L	SM 5310 C	0.013	0.3			IP
2016/17-3	ME-VR2	matrix spike	12/23/2016	Conventional	Dissolved Organic Carbon	Dissolved	=	8.38	mg/L	SM 5310 C	0.013	0.3			
2016/17-3	ME-VR2	matrix spike dup	12/23/2016	Conventional	Dissolved Organic Carbon	Dissolved	=	8.81	mg/L	SM 5310 C	0.013	0.3			
2016/17-3	ME-VR2	matrix spike dup, rec	12/23/2016	Conventional	Dissolved Organic Carbon	Dissolved	=	95	%	SM 5310 C	-88	-88	75	113	
2016/17-3	ME-VR2	matrix spike, rec	12/23/2016	Conventional	Dissolved Organic Carbon	Dissolved	=	86	%	SM 5310 C	-88	-88	75	113	
2016/17-3	ME-VR2	matrix spike, RPD	12/23/2016	Conventional	Dissolved Organic Carbon	Dissolved	=	5	%	SM 5310 C	-88	-88	0	20	
2016/17-3	Lab	LCS	12/17/2016	Conventional	MBAS	n/a	=	0.216	mg/L	SM 5540 C	0.019	0.05			
2016/17-3	Lab	LCS, rec	12/17/2016	Conventional	MBAS	n/a	=	108	%	SM 5540 C	-88	-88	82	115	
2016/17-3	Lab	method blank	12/17/2016	Conventional	MBAS	n/a	<	0.019	mg/L	SM 5540 C	0.019	0.05			
2016/17-3	Lab	LCS	12/17/2016	Conventional	MBAS	n/a	=	0.207	mg/L	SM 5540 C	0.019	0.05			
2016/17-3	Lab	LCS, rec	12/17/2016	Conventional	MBAS	n/a	=	104	%	SM 5540 C	-88	-88	82	115	
2016/17-3	Lab	method blank	12/17/2016	Conventional	MBAS	n/a	<	0.019	mg/L	SM 5540 C	0.019	0.05			
2016/17-3	MO-FIL	matrix spike	12/17/2016	Conventional	MBAS	n/a	=	0.273	mg/L	SM 5540 C	0.019	0.05			
2016/17-3	MO-FIL	matrix spike dup	12/17/2016	Conventional	MBAS	n/a	=	0.27	mg/L	SM 5540 C	0.019	0.05			
2016/17-3	MO-FIL	matrix spike dup, rec	12/17/2016	Conventional	MBAS	n/a	=	102	%	SM 5540 C	-88	-88	74	123	
2016/17-3	MO-FIL	matrix spike, rec	12/17/2016	Conventional	MBAS	n/a	=	104	%	SM 5540 C	-88	-88	74	123	
2016/17-3	MO-FIL	matrix spike, RPD	12/17/2016	Conventional	MBAS	n/a	=	1	%	SM 5540 C	-88	-88	0	20	
2016/17-3	MO-SIM	matrix spike	12/17/2016	Conventional	MBAS	n/a	=	0.293	mg/L	SM 5540 C	0.019	0.05			
2016/17-3	MO-SIM	matrix spike dup	12/17/2016	Conventional	MBAS	n/a	=	0.286	mg/L	SM 5540 C	0.019	0.05			
2016/17-3	MO-SIM	matrix spike dup, rec	12/17/2016	Conventional	MBAS	n/a	=	101	%	SM 5540 C	-88	-88	74	123	
2016/17-3	MO-SIM	matrix spike, rec	12/17/2016	Conventional	MBAS	n/a	=	105	%	SM 5540 C	-88	-88	74	123	
2016/17-3	MO-SIM	matrix spike, RPD	12/17/2016	Conventional	MBAS	n/a	=	2	%	SM 5540 C	-88	-88	0	20	
2016/17-3	Lab	method blank	12/28/2016	Conventional	Phenolics	n/a	<	0.0042	mg/L	EPA 420.4	0.0042	0.01			
2016/17-3	Lab	LCS	12/28/2016	Conventional	Phenolics	n/a	=	0.0989	mg/L	EPA 420.4	0.0042	0.01			
2016/17-3	Lab	LCS, rec	12/28/2016	Conventional	Phenolics	n/a	=	99	%	EPA 420.4	-88	-88	90	110	
2016/17-3	Lab	method blank	12/29/2016	Conventional	Phenolics	n/a	<	0.0042	mg/L	EPA 420.4	0.0042	0.01			
2016/17-3	Lab	LCS	12/29/2016	Conventional	Phenolics	n/a	=	0.0968	mg/L	EPA 420.4	0.0042	0.01			
2016/17-3	Lab	LCS, rec	12/29/2016	Conventional	Phenolics	n/a	=	97	%	EPA 420.4	-88	-88	90	110	
2016/17-3	ME-VR2	matrix spike	12/28/2016	Conventional	Phenolics	n/a	=	0.257	mg/L	EPA 420.4	0.0042	0.01			
2016/17-3	ME-VR2	matrix spike, rec	12/28/2016	Conventional	Phenolics	n/a	=	100	%	EPA 420.4	-88	-88	90	110	
2016/17-3	ME-VR2	matrix spike dup	12/28/2016	Conventional	Phenolics	n/a	=	0.258	mg/L	EPA 420.4	0.0042	0.01			
2016/17-3	ME-VR2	matrix spike dup, rec	12/28/2016	Conventional	Phenolics	n/a	=	101	%	EPA 420.4	-88	-88	90	110	
2016/17-3	ME-VR2	matrix spike, RPD	12/28/2016	Conventional	Phenolics	n/a	=	0.3	%	EPA 420.4	-88	-88	0	20	
2016/17-3	MO-MPK	matrix spike	12/29/2016	Conventional	Phenolics	n/a	=	0.254	mg/L	EPA 420.4	0.0042	0.01			
2016/17-3	MO-MPK	matrix spike, rec	12/29/2016	Conventional	Phenolics	n/a	=	97	%	EPA 420.4	-88	-88	90	110	
2016/17-3	MO-MPK	matrix spike dup	12/29/2016	Conventional	Phenolics	n/a	=	0.251	mg/L	EPA 420.4	0.0042	0.01			
2016/17-3	MO-MPK	matrix spike dup, rec	12/29/2016	Conventional	Phenolics	n/a	=	96	%	EPA 420.4	-88	-88	90	110	
2016/17-3	MO-MPK	matrix spike, RPD	12/29/2016	Conventional	Phenolics	n/a	=	1	%	EPA 420.4	-88	-88	0	20	
2016/17-3	000NONPJ	lab duplicate	12/20/2016	Conventional	Specific Conductance	n/a	=	69.1	µmhos/cm	SM 2510 B	0.23	2		4.28	
2016/17-3	000NONPJ	lab duplicate	12/22/2016	Conventional	Specific Conductance	n/a	=	7580	µmhos/cm	SM 2510 B	0.23	2		4.28	
2016/17-3	Lab	LCS	12/20/2016	Conventional	Specific Conductance	n/a	=	197	µmhos/cm	SM 2510 B	0.23	2			
2016/17-3	Lab	LCS, rec	12/20/2016	Conventional	Specific Conductance	n/a	=	99	%	SM 2510 B	-88	-88	95	105	
2016/17-3	Lab	method blank	12/20/2016	Conventional	Specific Conductance	n/a	DNQ	0.9	µmhos/cm	SM 2510 B	0.23	2			IP
2016/17-3	Lab	LCS	12/20/2016	Conventional	Specific Conductance	n/a	=	207	µmhos/cm	SM 2510 B	0.23	2			
2016/17-3	Lab	LCS, rec	12/20/2016	Conventional	Specific Conductance	n/a	=	104	%	SM 2510 B	-88	-88	95	105	

Appendix F
Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2016/17-3	Lab	method blank	12/20/2016	Conventional	Specific Conductance	n/a	DNQ	0.88	µmhos/cm	SM 2510 B	0.23	2			IP
2016/17-3	Lab	LCS	12/22/2016	Conventional	Specific Conductance	n/a	=	25700	µmhos/cm	SM 2510 B	0.23	2			
2016/17-3	Lab	LCS, rec	12/22/2016	Conventional	Specific Conductance	n/a	=	103	%	SM 2510 B	-88	-88	95	105	
2016/17-3	Lab	method blank	12/22/2016	Conventional	Specific Conductance	n/a	<	0.23	µmhos/cm	SM 2510 B	0.23	2			
2016/17-3	MO-MEI	lab duplicate	12/20/2016	Conventional	Specific Conductance	n/a	=	64.6	µmhos/cm	SM 2510 B	0.23	2		4.28	
2016/17-3	Lab	LCS	12/17/2016	Conventional	Total Chlorine Residual	n/a	=	0.194	mg/L	SM 4500-Cl G	0.0015	0.05			
2016/17-3	Lab	LCS, rec	12/17/2016	Conventional	Total Chlorine Residual	n/a	=	97	%	SM 4500-Cl G	-88	-88	85	110	
2016/17-3	Lab	method blank	12/17/2016	Conventional	Total Chlorine Residual	n/a	<	0.0015	mg/L	SM 4500-Cl G	0.0015	0.05			
2016/17-3	ME-CC	matrix spike	12/17/2016	Conventional	Total Chlorine Residual	n/a	=	0.2	mg/L	SM 4500-Cl G	0.0015	0.05			
2016/17-3	ME-CC	matrix spike dup	12/17/2016	Conventional	Total Chlorine Residual	n/a	=	0.228	mg/L	SM 4500-Cl G	0.0015	0.05			
2016/17-3	ME-CC	matrix spike dup, rec	12/17/2016	Conventional	Total Chlorine Residual	n/a	=	108	%	SM 4500-Cl G	-88	-88	78	114	
2016/17-3	ME-CC	matrix spike, rec	12/17/2016	Conventional	Total Chlorine Residual	n/a	=	94	%	SM 4500-Cl G	-88	-88	78	114	
2016/17-3	ME-CC	matrix spike, RPD	12/17/2016	Conventional	Total Chlorine Residual	n/a	=	13	%	SM 4500-Cl G	-88	-88	0	15	
2016/17-3	000NONPJ	lab duplicate	12/22/2016	Conventional	Total Dissolved Solids	n/a	=	54	mg/L	SM 2540 C	4	10		10	
2016/17-3	Lab	LCS	12/22/2016	Conventional	Total Dissolved Solids	n/a	=	794	mg/L	SM 2540 C	4	10			
2016/17-3	Lab	LCS, rec	12/22/2016	Conventional	Total Dissolved Solids	n/a	=	96	%	SM 2540 C	-88	-88	96	102	
2016/17-3	Lab	method blank	12/22/2016	Conventional	Total Dissolved Solids	n/a	<	4	mg/L	SM 2540 C	4	10			
2016/17-3	MO-HUE	lab duplicate	12/22/2016	Conventional	Total Dissolved Solids	n/a	=	2730	mg/L	SM 2540 C	4	10		10	
2016/17-3	000NONPJ	matrix spike	12/20/2016	Conventional	Total Organic Carbon	n/a	=	7.62	mg/L	SM 5310 C	0.009	0.3			
2016/17-3	000NONPJ	matrix spike dup	12/20/2016	Conventional	Total Organic Carbon	n/a	=	8.03	mg/L	SM 5310 C	0.009	0.3			
2016/17-3	000NONPJ	matrix spike dup, rec	12/20/2016	Conventional	Total Organic Carbon	n/a	=	107	%	SM 5310 C	-88	-88	80	116	
2016/17-3	000NONPJ	matrix spike, rec	12/20/2016	Conventional	Total Organic Carbon	n/a	=	99	%	SM 5310 C	-88	-88	80	116	
2016/17-3	000NONPJ	matrix spike, RPD	12/20/2016	Conventional	Total Organic Carbon	n/a	=	5	%	SM 5310 C	-88	-88	0	20	
2016/17-3	Lab	LCS	12/20/2016	Conventional	Total Organic Carbon	n/a	=	4.99	mg/L	SM 5310 C	0.009	0.3			
2016/17-3	Lab	LCS, rec	12/20/2016	Conventional	Total Organic Carbon	n/a	=	100	%	SM 5310 C	-88	-88	85	115	
2016/17-3	Lab	method blank	12/20/2016	Conventional	Total Organic Carbon	n/a	DNQ	0.0645	mg/L	SM 5310 C	0.009	0.3			IP
2016/17-3	Lab	LCS	12/21/2016	Conventional	Total Organic Carbon	n/a	=	10.1	mg/L	SM 5310 C	0.009	0.3			
2016/17-3	Lab	LCS, rec	12/21/2016	Conventional	Total Organic Carbon	n/a	=	101	%	SM 5310 C	-88	-88	85	115	
2016/17-3	000NONPJ	lab duplicate	12/23/2016	Conventional	Total Suspended Solids	n/a	=	18	mg/L	SM 2540 D	-88	5		20	
2016/17-3	000NONPJ	lab duplicate	12/23/2016	Conventional	Total Suspended Solids	n/a	=	18	mg/L	SM 2540 D	-88	5		20	
2016/17-3	Lab	LCS	12/21/2016	Conventional	Total Suspended Solids	n/a	=	63	mg/L	SM 2540 D	-88	5			
2016/17-3	Lab	LCS, rec	12/21/2016	Conventional	Total Suspended Solids	n/a	=	104	%	SM 2540 D	-88	-88	90	110	
2016/17-3	Lab	method blank	12/21/2016	Conventional	Total Suspended Solids	n/a	<	5	mg/L	SM 2540 D	-88	5			
2016/17-3	Lab	LCS	12/23/2016	Conventional	Total Suspended Solids	n/a	=	62	mg/L	SM 2540 D	-88	5			
2016/17-3	Lab	LCS, rec	12/23/2016	Conventional	Total Suspended Solids	n/a	=	107	%	SM 2540 D	-88	-88	90	110	
2016/17-3	Lab	method blank	12/23/2016	Conventional	Total Suspended Solids	n/a	<	5	mg/L	SM 2540 D	-88	5			
2016/17-3	ME-CC	lab duplicate	12/21/2016	Conventional	Total Suspended Solids	n/a	=	328	mg/L	SM 2540 D	-88	5		20	
2016/17-3	MO-SIM	lab duplicate	12/21/2016	Conventional	Total Suspended Solids	n/a	=	92	mg/L	SM 2540 D	-88	5		20	
2016/17-3	000NONPJ	lab duplicate	12/17/2016	Conventional	Turbidity	n/a	=	8.76	NTU	EPA 180.1	0.024	0.1		10	
2016/17-3	Lab	LCS	12/17/2016	Conventional	Turbidity	n/a	=	7.55	NTU	EPA 180.1	0.024	0.1			
2016/17-3	Lab	LCS, rec	12/17/2016	Conventional	Turbidity	n/a	=	103	%	EPA 180.1	-88	-88	90	110	
2016/17-3	Lab	method blank	12/17/2016	Conventional	Turbidity	n/a	<	0.024	NTU	EPA 180.1	0.024	0.1			
2016/17-3	000NONPJ	lab duplicate	12/23/2016	Conventional	Volatile Suspended Solids	n/a	<	3.1	mg/L	EPA 160.4	3.1	5		15	
2016/17-3	000NONPJ	lab duplicate	12/23/2016	Conventional	Volatile Suspended Solids	n/a	DNQ	4	mg/L	EPA 160.4	3.1	5		15	
2016/17-3	Lab	method blank	12/21/2016	Conventional	Volatile Suspended Solids	n/a	<	3.1	mg/L	EPA 160.4	3.1	5			
2016/17-3	Lab	method blank	12/23/2016	Conventional	Volatile Suspended Solids	n/a	<	3.1	mg/L	EPA 160.4	3.1	5			
2016/17-3	ME-CC	lab duplicate	12/21/2016	Conventional	Volatile Suspended Solids	n/a	=	53	mg/L	EPA 160.4	3.1	5		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	
2016/17-3	MO-SIM	lab duplicate	12/21/2016	Conventional	Volatile Suspended Solids	n/a	=	27	mg/L	EPA 160.4	3.1	5		15	
2016/17-3	Lab	method blank	12/22/2016	Hydrocarbon	Diesel Range Organics	n/a	<	0.024	mg/L	EPA 8015D	0.024	0.1			
2016/17-3	Lab	LCS	12/22/2016	Hydrocarbon	Diesel Range Organics	n/a	=	0.468	mg/L	EPA 8015D	0.024	0.1			
2016/17-3	Lab	LCS, rec	12/22/2016	Hydrocarbon	Diesel Range Organics	n/a	=	94	%	EPA 8015D	-88	-88	56	136	
2016/17-3	Lab	LCS dup	12/22/2016	Hydrocarbon	Diesel Range Organics	n/a	=	0.568	mg/L	EPA 8015D	0.024	0.1			
2016/17-3	Lab	LCS dup, rec	12/22/2016	Hydrocarbon	Diesel Range Organics	n/a	=	114	%	EPA 8015D	-88	-88	56	136	
2016/17-3	Lab	LCS, RPD	12/22/2016	Hydrocarbon	Diesel Range Organics	n/a	=	19	%	EPA 8015D	-88	-88	0	25	
2016/17-3	Lab	method blank	1/5/2017	Hydrocarbon	Diesel Range Organics	n/a	<	0.024	mg/L	EPA 8015D	0.024	0.1			
2016/17-3	Lab	LCS	1/5/2017	Hydrocarbon	Diesel Range Organics	n/a	=	0.491	mg/L	EPA 8015D	0.024	0.1			
2016/17-3	Lab	LCS, rec	1/5/2017	Hydrocarbon	Diesel Range Organics	n/a	=	98	%	EPA 8015D	-88	-88	56	136	
2016/17-3	Lab	LCS dup	1/5/2017	Hydrocarbon	Diesel Range Organics	n/a	=	0.553	mg/L	EPA 8015D	0.024	0.1			
2016/17-3	Lab	LCS dup, rec	1/5/2017	Hydrocarbon	Diesel Range Organics	n/a	=	111	%	EPA 8015D	-88	-88	56	136	
2016/17-3	Lab	LCS, RPD	1/5/2017	Hydrocarbon	Diesel Range Organics	n/a	=	12	%	EPA 8015D	-88	-88	0	25	
2016/17-3	Lab	LCS	12/20/2016	Hydrocarbon	Gasoline Range Organics	n/a	=	0.938	mg/L	EPA 8015D	0.044	0.1			
2016/17-3	Lab	LCS, rec	12/20/2016	Hydrocarbon	Gasoline Range Organics	n/a	=	94	%	EPA 8015D	-88	-88	75	123	
2016/17-3	Lab	LCS dup	12/20/2016	Hydrocarbon	Gasoline Range Organics	n/a	=	1.08	mg/L	EPA 8015D	0.044	0.1			
2016/17-3	Lab	LCS dup, rec	12/20/2016	Hydrocarbon	Gasoline Range Organics	n/a	=	108	%	EPA 8015D	-88	-88	75	123	
2016/17-3	Lab	LCS, RPD	12/20/2016	Hydrocarbon	Gasoline Range Organics	n/a	=	15	%	EPA 8015D	-88	-88	0	25	
2016/17-3	Lab	method blank	12/20/2016	Hydrocarbon	Gasoline Range Organics	n/a	<	0.044	mg/L	EPA 8015D	0.044	0.1			
2016/17-3	Lab	LCS	12/22/2016	Hydrocarbon	Gasoline Range Organics	n/a	=	1.16	mg/L	EPA 8015D	0.044	0.1			
2016/17-3	Lab	LCS, rec	12/22/2016	Hydrocarbon	Gasoline Range Organics	n/a	=	116	%	EPA 8015D	-88	-88	75	123	
2016/17-3	Lab	LCS dup	12/22/2016	Hydrocarbon	Gasoline Range Organics	n/a	=	1.18	mg/L	EPA 8015D	0.044	0.1			
2016/17-3	Lab	LCS dup, rec	12/22/2016	Hydrocarbon	Gasoline Range Organics	n/a	=	118	%	EPA 8015D	-88	-88	75	123	
2016/17-3	Lab	LCS, RPD	12/22/2016	Hydrocarbon	Gasoline Range Organics	n/a	=	2	%	EPA 8015D	-88	-88	0	25	
2016/17-3	Lab	method blank	12/22/2016	Hydrocarbon	Gasoline Range Organics	n/a	<	0.044	mg/L	EPA 8015D	0.044	0.1			
2016/17-3	MO-CAM	field duplicate	12/21/2016	Hydrocarbon	Gasoline Range Organics	n/a	<	0.044	mg/L	EPA 8015D	0.044	0.1			
2016/17-3	Lab	srgt method blank	12/22/2016	Hydrocarbon	n-Tetracosane	n/a	=	0.268	mg/L	EPA 8015D	-88	-88			
2016/17-3	Lab	srgt method blank, rec	12/22/2016	Hydrocarbon	n-Tetracosane	n/a	=	107	%	EPA 8015D	-88	-88	64	155	
2016/17-3	Lab	srgt LCS	12/22/2016	Hydrocarbon	n-Tetracosane	n/a	=	0.263	mg/L	EPA 8015D	-88	-88			
2016/17-3	Lab	srgt LCS, rec	12/22/2016	Hydrocarbon	n-Tetracosane	n/a	=	105	%	EPA 8015D	-88	-88	64	155	
2016/17-3	Lab	srgt LCS dup	12/22/2016	Hydrocarbon	n-Tetracosane	n/a	=	0.269	mg/L	EPA 8015D	-88	-88			
2016/17-3	Lab	srgt LCS dup, rec	12/22/2016	Hydrocarbon	n-Tetracosane	n/a	=	108	%	EPA 8015D	-88	-88	64	155	
2016/17-3	Lab	srgt method blank	1/5/2017	Hydrocarbon	n-Tetracosane	n/a	=	0.251	mg/L	EPA 8015D	-88	-88			
2016/17-3	Lab	srgt method blank, rec	1/5/2017	Hydrocarbon	n-Tetracosane	n/a	=	100	%	EPA 8015D	-88	-88	64	155	
2016/17-3	Lab	srgt LCS	1/5/2017	Hydrocarbon	n-Tetracosane	n/a	=	0.24	mg/L	EPA 8015D	-88	-88			
2016/17-3	Lab	srgt LCS, rec	1/5/2017	Hydrocarbon	n-Tetracosane	n/a	=	96	%	EPA 8015D	-88	-88	64	155	
2016/17-3	Lab	srgt LCS dup	1/5/2017	Hydrocarbon	n-Tetracosane	n/a	=	0.293	mg/L	EPA 8015D	-88	-88			
2016/17-3	Lab	srgt LCS dup, rec	1/5/2017	Hydrocarbon	n-Tetracosane	n/a	=	117	%	EPA 8015D	-88	-88	64	155	
2016/17-3	ME-CC	srgt environ	1/5/2017	Hydrocarbon	n-Tetracosane	n/a	=	0.23	mg/L	EPA 8015D	-88	-88			
2016/17-3	ME-CC	srgt environ, rec	1/5/2017	Hydrocarbon	n-Tetracosane	n/a	=	92	%	EPA 8015D	-88	-88	64	155	
2016/17-3	ME-VR2	srgt environ	1/5/2017	Hydrocarbon	n-Tetracosane	n/a	=	0.284	mg/L	EPA 8015D	-88	-88			
2016/17-3	ME-VR2	srgt environ, rec	1/5/2017	Hydrocarbon	n-Tetracosane	n/a	=	114	%	EPA 8015D	-88	-88	64	155	
2016/17-3	MO-CAM	srgt environ	1/5/2017	Hydrocarbon	n-Tetracosane	n/a	=	0.277	mg/L	EPA 8015D	-88	-88			
2016/17-3	MO-CAM	srgt environ, rec	1/5/2017	Hydrocarbon	n-Tetracosane	n/a	=	111	%	EPA 8015D	-88	-88	64	155	
2016/17-3	MO-FIL	srgt environ	1/5/2017	Hydrocarbon	n-Tetracosane	n/a	=	0.286	mg/L	EPA 8015D	-88	-88			
2016/17-3	MO-FIL	srgt environ, rec	1/5/2017	Hydrocarbon	n-Tetracosane	n/a	=	114	%	EPA 8015D	-88	-88	64	155	
2016/17-3	MO-HUE	srgt environ	1/5/2017	Hydrocarbon	n-Tetracosane	n/a	=	0.275	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	
2016/17-3	MO-HUE	srgt environ, rec	1/5/2017	Hydrocarbon	n-Tetracosane	n/a	=	110	%	EPA 8015D	-88	-88	64	155	
2016/17-3	MO-MEI	srgt environ	1/5/2017	Hydrocarbon	n-Tetracosane	n/a	=	0.265	mg/L	EPA 8015D	-88	-88			
2016/17-3	MO-MEI	srgt environ, rec	1/5/2017	Hydrocarbon	n-Tetracosane	n/a	=	106	%	EPA 8015D	-88	-88	64	155	
2016/17-3	MO-MPK	srgt environ	1/5/2017	Hydrocarbon	n-Tetracosane	n/a	=	0.286	mg/L	EPA 8015D	-88	-88			
2016/17-3	MO-MPK	srgt environ, rec	1/5/2017	Hydrocarbon	n-Tetracosane	n/a	=	115	%	EPA 8015D	-88	-88	64	155	
2016/17-3	MO-OJA	srgt environ	1/5/2017	Hydrocarbon	n-Tetracosane	n/a	=	0.222	mg/L	EPA 8015D	-88	-88			
2016/17-3	MO-OJA	srgt environ, rec	1/5/2017	Hydrocarbon	n-Tetracosane	n/a	=	89	%	EPA 8015D	-88	-88	64	155	
2016/17-3	MO-OXN	srgt environ	1/5/2017	Hydrocarbon	n-Tetracosane	n/a	=	0.267	mg/L	EPA 8015D	-88	-88			
2016/17-3	MO-OXN	srgt environ, rec	1/5/2017	Hydrocarbon	n-Tetracosane	n/a	=	107	%	EPA 8015D	-88	-88	64	155	
2016/17-3	MO-SIM	srgt environ	1/5/2017	Hydrocarbon	n-Tetracosane	n/a	=	0.283	mg/L	EPA 8015D	-88	-88			
2016/17-3	MO-SIM	srgt environ, rec	1/5/2017	Hydrocarbon	n-Tetracosane	n/a	=	113	%	EPA 8015D	-88	-88	64	155	
2016/17-3	MO-SPA	srgt environ	12/23/2016	Hydrocarbon	n-Tetracosane	n/a	=	0.251	mg/L	EPA 8015D	-88	-88			
2016/17-3	MO-SPA	srgt environ, rec	12/23/2016	Hydrocarbon	n-Tetracosane	n/a	=	100	%	EPA 8015D	-88	-88	64	155	
2016/17-3	MO-THO	srgt environ	1/5/2017	Hydrocarbon	n-Tetracosane	n/a	=	0.275	mg/L	EPA 8015D	-88	-88			
2016/17-3	MO-THO	srgt environ, rec	1/5/2017	Hydrocarbon	n-Tetracosane	n/a	=	110	%	EPA 8015D	-88	-88	64	155	
2016/17-3	MO-VEN	srgt environ	1/5/2017	Hydrocarbon	n-Tetracosane	n/a	=	0.258	mg/L	EPA 8015D	-88	-88			
2016/17-3	MO-VEN	srgt environ, rec	1/5/2017	Hydrocarbon	n-Tetracosane	n/a	=	103	%	EPA 8015D	-88	-88	64	155	
2016/17-3	Lab	LCS	12/22/2016	Hydrocarbon	Oil and Grease	n/a	=	19.4	mg/L	EPA 1664A	1.3	5			
2016/17-3	Lab	LCS	12/22/2016	Hydrocarbon	Oil and Grease	n/a	DNQ	4.8	mg/L	EPA 1664A	1.3	5			
2016/17-3	Lab	LCS dup	12/22/2016	Hydrocarbon	Oil and Grease	n/a	=	19.7	mg/L	EPA 1664A	1.3	5			
2016/17-3	Lab	LCS dup, rec	12/22/2016	Hydrocarbon	Oil and Grease	n/a	=	98	%	EPA 1664A	-88	-88	78	114	
2016/17-3	Lab	LCS, rec	12/22/2016	Hydrocarbon	Oil and Grease	n/a	=	97	%	EPA 1664A	-88	-88	78	114	
2016/17-3	Lab	LCS, rec	12/22/2016	Hydrocarbon	Oil and Grease	n/a	=	96	%	EPA 1664A	-88	-88	78	114	
2016/17-3	Lab	LCS, RPD	12/22/2016	Hydrocarbon	Oil and Grease	n/a	=	2	%	EPA 1664A	-88	-88	0	18	
2016/17-3	Lab	method blank	12/22/2016	Hydrocarbon	Oil and Grease	n/a	<	1.3	mg/L	EPA 1664A	1.3	5			
2016/17-3	Lab	LCS	1/3/2017	Hydrocarbon	Oil and Grease	n/a	DNQ	4.9	mg/L	EPA 1664A	1.3	5			
2016/17-3	Lab	LCS	1/3/2017	Hydrocarbon	Oil and Grease	n/a	=	16.3	mg/L	EPA 1664A	1.3	5			
2016/17-3	Lab	LCS dup	1/3/2017	Hydrocarbon	Oil and Grease	n/a	=	18.1	mg/L	EPA 1664A	1.3	5			
2016/17-3	Lab	LCS dup, rec	1/3/2017	Hydrocarbon	Oil and Grease	n/a	=	90	%	EPA 1664A	-88	-88	78	114	
2016/17-3	Lab	LCS, rec	1/3/2017	Hydrocarbon	Oil and Grease	n/a	=	82	%	EPA 1664A	-88	-88	78	114	
2016/17-3	Lab	LCS, rec	1/3/2017	Hydrocarbon	Oil and Grease	n/a	=	98	%	EPA 1664A	-88	-88	78	114	
2016/17-3	Lab	LCS, RPD	1/3/2017	Hydrocarbon	Oil and Grease	n/a	=	10	%	EPA 1664A	-88	-88	0	18	
2016/17-3	Lab	method blank	1/3/2017	Hydrocarbon	Oil and Grease	n/a	<	1.3	mg/L	EPA 1664A	1.3	5			
2016/17-3	Lab	LCS	1/5/2017	Hydrocarbon	Oil and Grease	n/a	=	16.6	mg/L	EPA 1664A	1.3	5			
2016/17-3	Lab	LCS	1/5/2017	Hydrocarbon	Oil and Grease	n/a	=	5.7	mg/L	EPA 1664A	1.3	5			
2016/17-3	Lab	LCS dup	1/5/2017	Hydrocarbon	Oil and Grease	n/a	=	17	mg/L	EPA 1664A	1.3	5			
2016/17-3	Lab	LCS dup, rec	1/5/2017	Hydrocarbon	Oil and Grease	n/a	=	85	%	EPA 1664A	-88	-88	78	114	
2016/17-3	Lab	LCS, rec	1/5/2017	Hydrocarbon	Oil and Grease	n/a	=	83	%	EPA 1664A	-88	-88	78	114	
2016/17-3	Lab	LCS, rec	1/5/2017	Hydrocarbon	Oil and Grease	n/a	=	114	%	EPA 1664A	-88	-88	78	114	
2016/17-3	Lab	LCS, RPD	1/5/2017	Hydrocarbon	Oil and Grease	n/a	=	2	%	EPA 1664A	-88	-88	0	18	
2016/17-3	Lab	method blank	1/5/2017	Hydrocarbon	Oil and Grease	n/a	<	1.3	mg/L	EPA 1664A	1.3	5			
2016/17-3	Lab	LCS	1/9/2017	Hydrocarbon	Oil and Grease	n/a	DNQ	4.4	mg/L	EPA 1664A	1.3	5			
2016/17-3	Lab	LCS	1/9/2017	Hydrocarbon	Oil and Grease	n/a	=	19.7	mg/L	EPA 1664A	1.3	5			
2016/17-3	Lab	LCS dup	1/9/2017	Hydrocarbon	Oil and Grease	n/a	=	20.7	mg/L	EPA 1664A	1.3	5			
2016/17-3	Lab	LCS dup, rec	1/9/2017	Hydrocarbon	Oil and Grease	n/a	=	104	%	EPA 1664A	-88	-88	78	114	
2016/17-3	Lab	LCS, rec	1/9/2017	Hydrocarbon	Oil and Grease	n/a	=	98	%	EPA 1664A	-88	-88	78	114	
2016/17-3	Lab	LCS, rec	1/9/2017	Hydrocarbon	Oil and Grease	n/a	=	88	%	EPA 1664A	-88	-88	78	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	
2016/17-3	Lab	LCS, RPD	1/9/2017	Hydrocarbon	Oil and Grease	n/a	=	5	%	EPA 1664A	-88	-88	0	18	
2016/17-3	Lab	method blank	1/9/2017	Hydrocarbon	Oil and Grease	n/a	<	1.3	mg/L	EPA 1664A	1.3	5			
2016/17-3	ME-CC	matrix spike	1/3/2017	Hydrocarbon	Oil and Grease	n/a	=	16.6	mg/L	EPA 1664A	1.3	5			GB
2016/17-3	ME-CC	matrix spike, rec	1/3/2017	Hydrocarbon	Oil and Grease	n/a	=	67	%	EPA 1664A	-88	-88	78	114	GB
2016/17-3	ME-VR2	matrix spike	1/5/2017	Hydrocarbon	Oil and Grease	n/a	=	20.4	mg/L	EPA 1664A	1.3	5			
2016/17-3	ME-VR2	matrix spike, rec	1/5/2017	Hydrocarbon	Oil and Grease	n/a	=	80	%	EPA 1664A	-88	-88	78	114	
2016/17-3	MO-CAM	field duplicate	1/9/2017	Hydrocarbon	Oil and Grease	n/a	<	1.3	mg/L	EPA 1664A	1.3	5			
2016/17-3	MO-MEI	matrix spike	12/22/2016	Hydrocarbon	Oil and Grease	n/a	=	22.2	mg/L	EPA 1664A	1.3	5			
2016/17-3	MO-MEI	matrix spike, rec	12/22/2016	Hydrocarbon	Oil and Grease	n/a	=	91	%	EPA 1664A	-88	-88	78	114	
2016/17-3	MO-SIM	matrix spike	1/9/2017	Hydrocarbon	Oil and Grease	n/a	=	21.4	mg/L	EPA 1664A	1.3	5			
2016/17-3	MO-SIM	matrix spike, rec	1/9/2017	Hydrocarbon	Oil and Grease	n/a	=	78	%	EPA 1664A	-88	-88	78	114	
2016/17-3	Lab	method blank	12/22/2016	Hydrocarbon	Oil Range Organics	n/a	<	0.33	mg/L	EPA 8015D	0.33	0.5			
2016/17-3	Lab	method blank	1/5/2017	Hydrocarbon	Oil Range Organics	n/a	<	0.33	mg/L	EPA 8015D	0.33	0.5			
2016/17-3	Lab	method blank	1/3/2017	Metal	Aluminum	Dissolved	DNQ	1.42	µg/L	EPA 200.8	1.3	5			IP
2016/17-3	Lab	LCS	1/3/2017	Metal	Aluminum	Dissolved	=	49.8	µg/L	EPA 200.8	1.3	5			
2016/17-3	Lab	LCS, rec	1/3/2017	Metal	Aluminum	Dissolved	=	100	%	EPA 200.8	-88	-88	85	115	
2016/17-3	Lab	method blank	1/4/2017	Metal	Aluminum	Dissolved	DNQ	1.41	µg/L	EPA 200.8	1.3	5			IP
2016/17-3	Lab	LCS	1/4/2017	Metal	Aluminum	Dissolved	=	49.5	µg/L	EPA 200.8	1.3	5			
2016/17-3	Lab	LCS, rec	1/4/2017	Metal	Aluminum	Dissolved	=	99	%	EPA 200.8	-88	-88	85	115	
2016/17-3	Lab	method blank	1/3/2017	Metal	Aluminum	Total	<	1.3	µg/L	EPA 200.8	1.3	5			
2016/17-3	Lab	LCS	1/3/2017	Metal	Aluminum	Total	=	49.8	µg/L	EPA 200.8	1.3	5			
2016/17-3	Lab	LCS, rec	1/3/2017	Metal	Aluminum	Total	=	100	%	EPA 200.8	-88	-88	85	115	
2016/17-3	Lab	method blank	1/4/2017	Metal	Aluminum	Total	<	1.3	µg/L	EPA 200.8	1.3	5			
2016/17-3	Lab	LCS	1/4/2017	Metal	Aluminum	Total	=	49.5	µg/L	EPA 200.8	1.3	5			
2016/17-3	Lab	LCS, rec	1/4/2017	Metal	Aluminum	Total	=	99	%	EPA 200.8	-88	-88	85	115	
2016/17-3	MO-CAM	matrix spike	1/3/2017	Metal	Aluminum	Total	=	942	µg/L	EPA 200.8	13	50			GB
2016/17-3	MO-CAM	matrix spike, rec	1/3/2017	Metal	Aluminum	Total	=	239	%	EPA 200.8	-88	-88	70	130	GB
2016/17-3	MO-CAM	matrix spike dup	1/3/2017	Metal	Aluminum	Total	=	899	µg/L	EPA 200.8	13	50			GB
2016/17-3	MO-CAM	matrix spike dup, rec	1/3/2017	Metal	Aluminum	Total	=	154	%	EPA 200.8	-88	-88	70	130	GB
2016/17-3	MO-CAM	matrix spike, RPD	1/3/2017	Metal	Aluminum	Total	=	5	%	EPA 200.8	-88	-88	0	30	GB
2016/17-3	MO-OJA	matrix spike	1/3/2017	Metal	Aluminum	Total	=	4670	µg/L	EPA 200.8	65	250			GB
2016/17-3	MO-OJA	matrix spike, rec	1/3/2017	Metal	Aluminum	Total	=	-182	%	EPA 200.8	-88	-88	70	130	GB
2016/17-3	MO-OJA	matrix spike dup	1/3/2017	Metal	Aluminum	Total	=	5080	µg/L	EPA 200.8	65	250			GB
2016/17-3	MO-OJA	matrix spike dup, rec	1/3/2017	Metal	Aluminum	Total	=	628	%	EPA 200.8	-88	-88	70	130	GB
2016/17-3	MO-OJA	matrix spike, RPD	1/3/2017	Metal	Aluminum	Total	=	8	%	EPA 200.8	-88	-88	0	30	GB
2016/17-3	MO-OXN	matrix spike	1/4/2017	Metal	Aluminum	Total	=	850	µg/L	EPA 200.8	1.3	5			GB
2016/17-3	MO-OXN	matrix spike, rec	1/4/2017	Metal	Aluminum	Total	=	155	%	EPA 200.8	-88	-88	70	130	GB
2016/17-3	MO-OXN	matrix spike dup	1/4/2017	Metal	Aluminum	Total	=	880	µg/L	EPA 200.8	1.3	5			GB
2016/17-3	MO-OXN	matrix spike dup, rec	1/4/2017	Metal	Aluminum	Total	=	215	%	EPA 200.8	-88	-88	70	130	GB
2016/17-3	MO-OXN	matrix spike, RPD	1/4/2017	Metal	Aluminum	Total	=	3	%	EPA 200.8	-88	-88	0	30	GB
2016/17-3	Lab	method blank	12/28/2016	Metal	Antimony	Dissolved	DNQ	0.0822	µg/L	EPA 200.8	0.045	0.5			IP
2016/17-3	Lab	LCS	12/28/2016	Metal	Antimony	Dissolved	=	50.6	µg/L	EPA 200.8	0.045	0.5			
2016/17-3	Lab	LCS, rec	12/28/2016	Metal	Antimony	Dissolved	=	101	%	EPA 200.8	-88	-88	85	115	
2016/17-3	Lab	method blank	1/4/2017	Metal	Antimony	Dissolved	DNQ	0.0703	µg/L	EPA 200.8	0.045	0.5			IP
2016/17-3	Lab	LCS	1/4/2017	Metal	Antimony	Dissolved	=	52.9	µg/L	EPA 200.8	0.045	0.5			
2016/17-3	Lab	LCS, rec	1/4/2017	Metal	Antimony	Dissolved	=	106	%	EPA 200.8	-88	-88	85	115	
2016/17-3	Lab	method blank	12/28/2016	Metal	Antimony	Total	DNQ	0.0965	µg/L	EPA 200.8	0.045	0.5			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	
2016/17-3	Lab	LCS	12/28/2016	Metal	Antimony	Total	=	50.6	µg/L	EPA 200.8	0.045	0.5			
2016/17-3	Lab	LCS, rec	12/28/2016	Metal	Antimony	Total	=	101	%	EPA 200.8	-88	-88	85	115	
2016/17-3	Lab	method blank	1/4/2017	Metal	Antimony	Total	DNQ	0.0604	µg/L	EPA 200.8	0.045	0.5			IP
2016/17-3	Lab	LCS	1/4/2017	Metal	Antimony	Total	=	52.9	µg/L	EPA 200.8	0.045	0.5			
2016/17-3	Lab	LCS, rec	1/4/2017	Metal	Antimony	Total	=	106	%	EPA 200.8	-88	-88	85	115	
2016/17-3	MO-CAM	matrix spike	12/28/2016	Metal	Antimony	Total	=	49	µg/L	EPA 200.8	0.045	0.5			
2016/17-3	MO-CAM	matrix spike, rec	12/28/2016	Metal	Antimony	Total	=	96	%	EPA 200.8	-88	-88	70	130	
2016/17-3	MO-CAM	matrix spike dup	12/28/2016	Metal	Antimony	Total	=	47.8	µg/L	EPA 200.8	0.045	0.5			
2016/17-3	MO-CAM	matrix spike dup, rec	12/28/2016	Metal	Antimony	Total	=	94	%	EPA 200.8	-88	-88	70	130	
2016/17-3	MO-CAM	matrix spike, RPD	12/28/2016	Metal	Antimony	Total	=	2	%	EPA 200.8	-88	-88	0	30	
2016/17-3	MO-OJA	matrix spike	12/28/2016	Metal	Antimony	Total	=	37.2	µg/L	EPA 200.8	0.045	0.5			
2016/17-3	MO-OJA	matrix spike, rec	12/28/2016	Metal	Antimony	Total	=	74	%	EPA 200.8	-88	-88	70	130	
2016/17-3	MO-OJA	matrix spike dup	12/28/2016	Metal	Antimony	Total	=	37.5	µg/L	EPA 200.8	0.045	0.5			
2016/17-3	MO-OJA	matrix spike dup, rec	12/28/2016	Metal	Antimony	Total	=	74	%	EPA 200.8	-88	-88	70	130	
2016/17-3	MO-OJA	matrix spike, RPD	12/28/2016	Metal	Antimony	Total	=	0.7	%	EPA 200.8	-88	-88	0	30	
2016/17-3	MO-OXN	matrix spike	1/4/2017	Metal	Antimony	Total	=	53.2	µg/L	EPA 200.8	0.045	0.5			
2016/17-3	MO-OXN	matrix spike, rec	1/4/2017	Metal	Antimony	Total	=	103	%	EPA 200.8	-88	-88	70	130	
2016/17-3	MO-OXN	matrix spike dup	1/4/2017	Metal	Antimony	Total	=	53.5	µg/L	EPA 200.8	0.045	0.5			
2016/17-3	MO-OXN	matrix spike dup, rec	1/4/2017	Metal	Antimony	Total	=	103	%	EPA 200.8	-88	-88	70	130	
2016/17-3	MO-OXN	matrix spike, RPD	1/4/2017	Metal	Antimony	Total	=	0.6	%	EPA 200.8	-88	-88	0	30	
2016/17-3	Lab	method blank	12/28/2016	Metal	Arsenic	Dissolved	<	0.074	µg/L	EPA 200.8	0.074	0.4			
2016/17-3	Lab	LCS	12/28/2016	Metal	Arsenic	Dissolved	=	50.6	µg/L	EPA 200.8	0.074	0.4			
2016/17-3	Lab	LCS, rec	12/28/2016	Metal	Arsenic	Dissolved	=	101	%	EPA 200.8	-88	-88	85	115	
2016/17-3	Lab	method blank	1/4/2017	Metal	Arsenic	Dissolved	<	0.074	µg/L	EPA 200.8	0.074	0.4			
2016/17-3	Lab	LCS	1/4/2017	Metal	Arsenic	Dissolved	=	50.3	µg/L	EPA 200.8	0.074	0.4			
2016/17-3	Lab	LCS, rec	1/4/2017	Metal	Arsenic	Dissolved	=	101	%	EPA 200.8	-88	-88	85	115	
2016/17-3	Lab	method blank	12/28/2016	Metal	Arsenic	Total	<	0.074	µg/L	EPA 200.8	0.074	0.4			
2016/17-3	Lab	LCS	12/28/2016	Metal	Arsenic	Total	=	50.6	µg/L	EPA 200.8	0.074	0.4			
2016/17-3	Lab	LCS, rec	12/28/2016	Metal	Arsenic	Total	=	101	%	EPA 200.8	-88	-88	85	115	
2016/17-3	Lab	method blank	1/4/2017	Metal	Arsenic	Total	<	0.074	µg/L	EPA 200.8	0.074	0.4			
2016/17-3	Lab	LCS	1/4/2017	Metal	Arsenic	Total	=	50.3	µg/L	EPA 200.8	0.074	0.4			
2016/17-3	Lab	LCS, rec	1/4/2017	Metal	Arsenic	Total	=	101	%	EPA 200.8	-88	-88	85	115	
2016/17-3	MO-CAM	matrix spike	12/28/2016	Metal	Arsenic	Total	=	49.7	µg/L	EPA 200.8	0.074	0.4			
2016/17-3	MO-CAM	matrix spike, rec	12/28/2016	Metal	Arsenic	Total	=	97	%	EPA 200.8	-88	-88	70	130	
2016/17-3	MO-CAM	matrix spike dup	12/28/2016	Metal	Arsenic	Total	=	48.3	µg/L	EPA 200.8	0.074	0.4			
2016/17-3	MO-CAM	matrix spike dup, rec	12/28/2016	Metal	Arsenic	Total	=	94	%	EPA 200.8	-88	-88	70	130	
2016/17-3	MO-CAM	matrix spike, RPD	12/28/2016	Metal	Arsenic	Total	=	3	%	EPA 200.8	-88	-88	0	30	
2016/17-3	MO-OJA	matrix spike	12/28/2016	Metal	Arsenic	Total	=	48.4	µg/L	EPA 200.8	0.074	0.4			
2016/17-3	MO-OJA	matrix spike, rec	12/28/2016	Metal	Arsenic	Total	=	93	%	EPA 200.8	-88	-88	70	130	
2016/17-3	MO-OJA	matrix spike dup	12/28/2016	Metal	Arsenic	Total	=	48.6	µg/L	EPA 200.8	0.074	0.4			
2016/17-3	MO-OJA	matrix spike dup, rec	12/28/2016	Metal	Arsenic	Total	=	94	%	EPA 200.8	-88	-88	70	130	
2016/17-3	MO-OJA	matrix spike, RPD	12/28/2016	Metal	Arsenic	Total	=	0.5	%	EPA 200.8	-88	-88	0	30	
2016/17-3	MO-OXN	matrix spike	1/4/2017	Metal	Arsenic	Total	=	51.3	µg/L	EPA 200.8	0.074	0.4			
2016/17-3	MO-OXN	matrix spike, rec	1/4/2017	Metal	Arsenic	Total	=	100	%	EPA 200.8	-88	-88	70	130	
2016/17-3	MO-OXN	matrix spike dup	1/4/2017	Metal	Arsenic	Total	=	52.7	µg/L	EPA 200.8	0.074	0.4			
2016/17-3	MO-OXN	matrix spike dup, rec	1/4/2017	Metal	Arsenic	Total	=	103	%	EPA 200.8	-88	-88	70	130	
2016/17-3	MO-OXN	matrix spike, RPD	1/4/2017	Metal	Arsenic	Total	=	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	
2016/17-3	Lab	method blank	12/28/2016	Metal	Barium	Total	<	0.071	µg/L	EPA 200.8	0.071	0.5			
2016/17-3	Lab	LCS	12/28/2016	Metal	Barium	Total	=	49.5	µg/L	EPA 200.8	0.071	0.5			
2016/17-3	Lab	LCS, rec	12/28/2016	Metal	Barium	Total	=	99	%	EPA 200.8	-88	-88	85	115	
2016/17-3	Lab	method blank	1/4/2017	Metal	Barium	Total	<	0.071	µg/L	EPA 200.8	0.071	0.5			
2016/17-3	Lab	LCS	1/4/2017	Metal	Barium	Total	=	49.2	µg/L	EPA 200.8	0.071	0.5			
2016/17-3	Lab	LCS, rec	1/4/2017	Metal	Barium	Total	=	98	%	EPA 200.8	-88	-88	85	115	
2016/17-3	MO-CAM	matrix spike	12/28/2016	Metal	Barium	Total	=	69.5	µg/L	EPA 200.8	0.071	0.5			
2016/17-3	MO-CAM	matrix spike, rec	12/28/2016	Metal	Barium	Total	=	98	%	EPA 200.8	-88	-88	70	130	
2016/17-3	MO-CAM	matrix spike dup	12/28/2016	Metal	Barium	Total	=	68.3	µg/L	EPA 200.8	0.071	0.5			
2016/17-3	MO-CAM	matrix spike dup, rec	12/28/2016	Metal	Barium	Total	=	96	%	EPA 200.8	-88	-88	70	130	
2016/17-3	MO-CAM	matrix spike, RPD	12/28/2016	Metal	Barium	Total	=	2	%	EPA 200.8	-88	-88	0	30	
2016/17-3	MO-OJA	matrix spike	12/28/2016	Metal	Barium	Total	=	121	µg/L	EPA 200.8	0.071	0.5			
2016/17-3	MO-OJA	matrix spike, rec	12/28/2016	Metal	Barium	Total	=	87	%	EPA 200.8	-88	-88	70	130	
2016/17-3	MO-OJA	matrix spike dup	12/28/2016	Metal	Barium	Total	=	124	µg/L	EPA 200.8	0.071	0.5			
2016/17-3	MO-OJA	matrix spike dup, rec	12/28/2016	Metal	Barium	Total	=	93	%	EPA 200.8	-88	-88	70	130	
2016/17-3	MO-OJA	matrix spike, RPD	12/28/2016	Metal	Barium	Total	=	2	%	EPA 200.8	-88	-88	0	30	
2016/17-3	MO-OXN	matrix spike	1/4/2017	Metal	Barium	Total	=	70.7	µg/L	EPA 200.8	0.071	0.5			
2016/17-3	MO-OXN	matrix spike, rec	1/4/2017	Metal	Barium	Total	=	97	%	EPA 200.8	-88	-88	70	130	
2016/17-3	MO-OXN	matrix spike dup	1/4/2017	Metal	Barium	Total	=	73.7	µg/L	EPA 200.8	0.071	0.5			
2016/17-3	MO-OXN	matrix spike dup, rec	1/4/2017	Metal	Barium	Total	=	103	%	EPA 200.8	-88	-88	70	130	
2016/17-3	MO-OXN	matrix spike, RPD	1/4/2017	Metal	Barium	Total	=	4	%	EPA 200.8	-88	-88	0	30	
2016/17-3	Lab	method blank	12/28/2016	Metal	Beryllium	Dissolved	<	0.033	µg/L	EPA 200.8	0.033	0.1			
2016/17-3	Lab	LCS	12/28/2016	Metal	Beryllium	Dissolved	=	50.5	µg/L	EPA 200.8	0.033	0.1			
2016/17-3	Lab	LCS, rec	12/28/2016	Metal	Beryllium	Dissolved	=	101	%	EPA 200.8	-88	-88	85	115	
2016/17-3	Lab	method blank	1/4/2017	Metal	Beryllium	Dissolved	<	0.033	µg/L	EPA 200.8	0.033	0.1			
2016/17-3	Lab	LCS	1/4/2017	Metal	Beryllium	Dissolved	=	50.4	µg/L	EPA 200.8	0.033	0.1			
2016/17-3	Lab	LCS, rec	1/4/2017	Metal	Beryllium	Dissolved	=	101	%	EPA 200.8	-88	-88	85	115	
2016/17-3	Lab	method blank	12/28/2016	Metal	Beryllium	Total	<	0.033	µg/L	EPA 200.8	0.033	0.1			
2016/17-3	Lab	LCS	12/28/2016	Metal	Beryllium	Total	=	50.5	µg/L	EPA 200.8	0.033	0.1			
2016/17-3	Lab	LCS, rec	12/28/2016	Metal	Beryllium	Total	=	101	%	EPA 200.8	-88	-88	85	115	
2016/17-3	Lab	method blank	1/4/2017	Metal	Beryllium	Total	<	0.033	µg/L	EPA 200.8	0.033	0.1			
2016/17-3	Lab	LCS	1/4/2017	Metal	Beryllium	Total	=	50.4	µg/L	EPA 200.8	0.033	0.1			
2016/17-3	Lab	LCS, rec	1/4/2017	Metal	Beryllium	Total	=	101	%	EPA 200.8	-88	-88	85	115	
2016/17-3	MO-CAM	matrix spike	12/28/2016	Metal	Beryllium	Total	=	49.1	µg/L	EPA 200.8	0.033	0.1			
2016/17-3	MO-CAM	matrix spike, rec	12/28/2016	Metal	Beryllium	Total	=	98	%	EPA 200.8	-88	-88	70	130	
2016/17-3	MO-CAM	matrix spike dup	12/28/2016	Metal	Beryllium	Total	=	49.3	µg/L	EPA 200.8	0.033	0.1			
2016/17-3	MO-CAM	matrix spike dup, rec	12/28/2016	Metal	Beryllium	Total	=	99	%	EPA 200.8	-88	-88	70	130	
2016/17-3	MO-CAM	matrix spike, RPD	12/28/2016	Metal	Beryllium	Total	=	0.4	%	EPA 200.8	-88	-88	0	30	
2016/17-3	MO-OJA	matrix spike	12/28/2016	Metal	Beryllium	Total	=	48.5	µg/L	EPA 200.8	0.033	0.1			
2016/17-3	MO-OJA	matrix spike, rec	12/28/2016	Metal	Beryllium	Total	=	96	%	EPA 200.8	-88	-88	70	130	
2016/17-3	MO-OJA	matrix spike dup	12/28/2016	Metal	Beryllium	Total	=	48.9	µg/L	EPA 200.8	0.033	0.1			
2016/17-3	MO-OJA	matrix spike dup, rec	12/28/2016	Metal	Beryllium	Total	=	97	%	EPA 200.8	-88	-88	70	130	
2016/17-3	MO-OJA	matrix spike, RPD	12/28/2016	Metal	Beryllium	Total	=	1	%	EPA 200.8	-88	-88	0	30	
2016/17-3	MO-OXN	matrix spike	1/4/2017	Metal	Beryllium	Total	=	50	µg/L	EPA 200.8	0.033	0.1			
2016/17-3	MO-OXN	matrix spike, rec	1/4/2017	Metal	Beryllium	Total	=	100	%	EPA 200.8	-88	-88	70	130	
2016/17-3	MO-OXN	matrix spike dup	1/4/2017	Metal	Beryllium	Total	=	52.7	µg/L	EPA 200.8	0.033	0.1			
2016/17-3	MO-OXN	matrix spike dup, rec	1/4/2017	Metal	Beryllium	Total	=	105	%	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	
2016/17-3	MO-OXN	matrix spike, RPD	1/4/2017	Metal	Beryllium	Total	=	5	%	EPA 200.8	-88	-88	0	30	
2016/17-3	Lab	method blank	12/28/2016	Metal	Cadmium	Dissolved	<	0.041	µg/L	EPA 200.8	0.041	0.1			
2016/17-3	Lab	LCS	12/28/2016	Metal	Cadmium	Dissolved	=	49.2	µg/L	EPA 200.8	0.041	0.1			
2016/17-3	Lab	LCS, rec	12/28/2016	Metal	Cadmium	Dissolved	=	98	%	EPA 200.8	-88	-88	85	115	
2016/17-3	Lab	method blank	1/4/2017	Metal	Cadmium	Dissolved	<	0.041	µg/L	EPA 200.8	0.041	0.1			
2016/17-3	Lab	LCS	1/4/2017	Metal	Cadmium	Dissolved	=	48.5	µg/L	EPA 200.8	0.041	0.1			
2016/17-3	Lab	LCS, rec	1/4/2017	Metal	Cadmium	Dissolved	=	97	%	EPA 200.8	-88	-88	85	115	
2016/17-3	Lab	method blank	12/28/2016	Metal	Cadmium	Total	<	0.041	µg/L	EPA 200.8	0.041	0.1			
2016/17-3	Lab	LCS	12/28/2016	Metal	Cadmium	Total	=	49.2	µg/L	EPA 200.8	0.041	0.1			
2016/17-3	Lab	LCS, rec	12/28/2016	Metal	Cadmium	Total	=	98	%	EPA 200.8	-88	-88	85	115	
2016/17-3	Lab	method blank	1/4/2017	Metal	Cadmium	Total	<	0.041	µg/L	EPA 200.8	0.041	0.1			
2016/17-3	Lab	LCS	1/4/2017	Metal	Cadmium	Total	=	48.5	µg/L	EPA 200.8	0.041	0.1			
2016/17-3	Lab	LCS, rec	1/4/2017	Metal	Cadmium	Total	=	97	%	EPA 200.8	-88	-88	85	115	
2016/17-3	MO-CAM	matrix spike	12/28/2016	Metal	Cadmium	Total	=	48.6	µg/L	EPA 200.8	0.041	0.1			
2016/17-3	MO-CAM	matrix spike, rec	12/28/2016	Metal	Cadmium	Total	=	97	%	EPA 200.8	-88	-88	70	130	
2016/17-3	MO-CAM	matrix spike dup	12/28/2016	Metal	Cadmium	Total	=	47.3	µg/L	EPA 200.8	0.041	0.1			
2016/17-3	MO-CAM	matrix spike dup, rec	12/28/2016	Metal	Cadmium	Total	=	94	%	EPA 200.8	-88	-88	70	130	
2016/17-3	MO-CAM	matrix spike, RPD	12/28/2016	Metal	Cadmium	Total	=	3	%	EPA 200.8	-88	-88	0	30	
2016/17-3	MO-OJA	matrix spike	12/28/2016	Metal	Cadmium	Total	=	47.4	µg/L	EPA 200.8	0.041	0.1			
2016/17-3	MO-OJA	matrix spike, rec	12/28/2016	Metal	Cadmium	Total	=	95	%	EPA 200.8	-88	-88	70	130	
2016/17-3	MO-OJA	matrix spike dup	12/28/2016	Metal	Cadmium	Total	=	47.3	µg/L	EPA 200.8	0.041	0.1			
2016/17-3	MO-OJA	matrix spike dup, rec	12/28/2016	Metal	Cadmium	Total	=	94	%	EPA 200.8	-88	-88	70	130	
2016/17-3	MO-OJA	matrix spike, RPD	12/28/2016	Metal	Cadmium	Total	=	0.2	%	EPA 200.8	-88	-88	0	30	
2016/17-3	MO-OXN	matrix spike	1/4/2017	Metal	Cadmium	Total	=	48.1	µg/L	EPA 200.8	0.041	0.1			
2016/17-3	MO-OXN	matrix spike, rec	1/4/2017	Metal	Cadmium	Total	=	96	%	EPA 200.8	-88	-88	70	130	
2016/17-3	MO-OXN	matrix spike dup	1/4/2017	Metal	Cadmium	Total	=	49.2	µg/L	EPA 200.8	0.041	0.1			
2016/17-3	MO-OXN	matrix spike dup, rec	1/4/2017	Metal	Cadmium	Total	=	98	%	EPA 200.8	-88	-88	70	130	
2016/17-3	MO-OXN	matrix spike, RPD	1/4/2017	Metal	Cadmium	Total	=	2	%	EPA 200.8	-88	-88	0	30	
2016/17-3	Lab	method blank	12/28/2016	Metal	Chromium	Dissolved	<	0.035	µg/L	EPA 200.8	0.035	0.2			
2016/17-3	Lab	LCS	12/28/2016	Metal	Chromium	Dissolved	=	49.7	µg/L	EPA 200.8	0.035	0.2			
2016/17-3	Lab	LCS, rec	12/28/2016	Metal	Chromium	Dissolved	=	99	%	EPA 200.8	-88	-88	85	115	
2016/17-3	Lab	method blank	1/4/2017	Metal	Chromium	Dissolved	<	0.035	µg/L	EPA 200.8	0.035	0.2			
2016/17-3	Lab	LCS	1/4/2017	Metal	Chromium	Dissolved	=	48.8	µg/L	EPA 200.8	0.035	0.2			
2016/17-3	Lab	LCS, rec	1/4/2017	Metal	Chromium	Dissolved	=	98	%	EPA 200.8	-88	-88	85	115	
2016/17-3	Lab	method blank	12/28/2016	Metal	Chromium	Total	<	0.035	µg/L	EPA 200.8	0.035	0.2			
2016/17-3	Lab	LCS	12/28/2016	Metal	Chromium	Total	=	49.7	µg/L	EPA 200.8	0.035	0.2			
2016/17-3	Lab	LCS, rec	12/28/2016	Metal	Chromium	Total	=	99	%	EPA 200.8	-88	-88	85	115	
2016/17-3	Lab	method blank	1/4/2017	Metal	Chromium	Total	<	0.035	µg/L	EPA 200.8	0.035	0.2			
2016/17-3	Lab	LCS	1/4/2017	Metal	Chromium	Total	=	48.8	µg/L	EPA 200.8	0.035	0.2			
2016/17-3	Lab	LCS, rec	1/4/2017	Metal	Chromium	Total	=	98	%	EPA 200.8	-88	-88	85	115	
2016/17-3	MO-CAM	matrix spike	12/28/2016	Metal	Chromium	Total	=	52.5	µg/L	EPA 200.8	0.035	0.2			
2016/17-3	MO-CAM	matrix spike, rec	12/28/2016	Metal	Chromium	Total	=	100	%	EPA 200.8	-88	-88	70	130	
2016/17-3	MO-CAM	matrix spike dup	12/28/2016	Metal	Chromium	Total	=	50.7	µg/L	EPA 200.8	0.035	0.2			
2016/17-3	MO-CAM	matrix spike dup, rec	12/28/2016	Metal	Chromium	Total	=	97	%	EPA 200.8	-88	-88	70	130	
2016/17-3	MO-CAM	matrix spike, RPD	12/28/2016	Metal	Chromium	Total	=	3	%	EPA 200.8	-88	-88	0	30	
2016/17-3	MO-OJA	matrix spike	12/28/2016	Metal	Chromium	Total	=	55.9	µg/L	EPA 200.8	0.035	0.2			
2016/17-3	MO-OJA	matrix spike, rec	12/28/2016	Metal	Chromium	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	
2016/17-3	MO-OJA	matrix spike dup	12/28/2016	Metal	Chromium	Total	=	56	µg/L	EPA 200.8	0.035	0.2			
2016/17-3	MO-OJA	matrix spike dup, rec	12/28/2016	Metal	Chromium	Total	=	98	%	EPA 200.8	-88	-88	70	130	
2016/17-3	MO-OJA	matrix spike, RPD	12/28/2016	Metal	Chromium	Total	=	0.06	%	EPA 200.8	-88	-88	0	30	
2016/17-3	MO-OXN	matrix spike	1/4/2017	Metal	Chromium	Total	=	53.3	µg/L	EPA 200.8	0.035	0.2			
2016/17-3	MO-OXN	matrix spike, rec	1/4/2017	Metal	Chromium	Total	=	101	%	EPA 200.8	-88	-88	70	130	
2016/17-3	MO-OXN	matrix spike dup	1/4/2017	Metal	Chromium	Total	=	52.8	µg/L	EPA 200.8	0.035	0.2			
2016/17-3	MO-OXN	matrix spike dup, rec	1/4/2017	Metal	Chromium	Total	=	100	%	EPA 200.8	-88	-88	70	130	
2016/17-3	MO-OXN	matrix spike, RPD	1/4/2017	Metal	Chromium	Total	=	0.9	%	EPA 200.8	-88	-88	0	30	
2016/17-3	Lab	LCS	12/29/2016	Metal	Chromium VI	n/a	=	4.76	µg/L	EPA 218.6	0.0048	0.02			
2016/17-3	Lab	LCS, rec	12/29/2016	Metal	Chromium VI	n/a	=	95	%	EPA 218.6	-88	-88	90	110	
2016/17-3	ME-CC	matrix spike	12/29/2016	Metal	Chromium VI	n/a	=	4.9	µg/L	EPA 218.6	0.0048	0.02			
2016/17-3	ME-CC	matrix spike dup	12/29/2016	Metal	Chromium VI	n/a	=	5.89	µg/L	EPA 218.6	0.0048	0.02			GB
2016/17-3	ME-CC	matrix spike dup, rec	12/29/2016	Metal	Chromium VI	n/a	=	115	%	EPA 218.6	-88	-88	88	112	GB
2016/17-3	ME-CC	matrix spike, rec	12/29/2016	Metal	Chromium VI	n/a	=	95	%	EPA 218.6	-88	-88	88	112	
2016/17-3	ME-CC	matrix spike, RPD	12/29/2016	Metal	Chromium VI	n/a	=	18	%	EPA 218.6	-88	-88	0	10	IL
2016/17-3	ME-VR2	matrix spike	12/29/2016	Metal	Chromium VI	n/a	=	4.86	µg/L	EPA 218.6	0.0048	0.02			
2016/17-3	ME-VR2	matrix spike dup	12/29/2016	Metal	Chromium VI	n/a	=	4.93	µg/L	EPA 218.6	0.0048	0.02			
2016/17-3	ME-VR2	matrix spike dup, rec	12/29/2016	Metal	Chromium VI	n/a	=	98	%	EPA 218.6	-88	-88	88	112	
2016/17-3	ME-VR2	matrix spike, rec	12/29/2016	Metal	Chromium VI	n/a	=	97	%	EPA 218.6	-88	-88	88	112	
2016/17-3	ME-VR2	matrix spike, RPD	12/29/2016	Metal	Chromium VI	n/a	=	1	%	EPA 218.6	-88	-88	0	10	
2016/17-3	Lab	method blank	12/28/2016	Metal	Copper	Dissolved	<	0.13	µg/L	EPA 200.8	0.13	0.5			
2016/17-3	Lab	LCS	12/28/2016	Metal	Copper	Dissolved	=	50.1	µg/L	EPA 200.8	0.13	0.5			
2016/17-3	Lab	LCS, rec	12/28/2016	Metal	Copper	Dissolved	=	100	%	EPA 200.8	-88	-88	85	115	
2016/17-3	Lab	method blank	1/4/2017	Metal	Copper	Dissolved	<	0.13	µg/L	EPA 200.8	0.13	0.5			
2016/17-3	Lab	LCS	1/4/2017	Metal	Copper	Dissolved	=	49.2	µg/L	EPA 200.8	0.13	0.5			
2016/17-3	Lab	LCS, rec	1/4/2017	Metal	Copper	Dissolved	=	98	%	EPA 200.8	-88	-88	85	115	
2016/17-3	Lab	method blank	12/28/2016	Metal	Copper	Total	<	0.13	µg/L	EPA 200.8	0.13	0.5			
2016/17-3	Lab	LCS	12/28/2016	Metal	Copper	Total	=	50.1	µg/L	EPA 200.8	0.13	0.5			
2016/17-3	Lab	LCS, rec	12/28/2016	Metal	Copper	Total	=	100	%	EPA 200.8	-88	-88	85	115	
2016/17-3	Lab	method blank	1/4/2017	Metal	Copper	Total	<	0.13	µg/L	EPA 200.8	0.13	0.5			
2016/17-3	Lab	LCS	1/4/2017	Metal	Copper	Total	=	49.2	µg/L	EPA 200.8	0.13	0.5			
2016/17-3	Lab	LCS, rec	1/4/2017	Metal	Copper	Total	=	98	%	EPA 200.8	-88	-88	85	115	
2016/17-3	MO-CAM	matrix spike	12/28/2016	Metal	Copper	Total	=	68.1	µg/L	EPA 200.8	0.13	0.5			
2016/17-3	MO-CAM	matrix spike, rec	12/28/2016	Metal	Copper	Total	=	99	%	EPA 200.8	-88	-88	70	130	
2016/17-3	MO-CAM	matrix spike dup	12/28/2016	Metal	Copper	Total	=	65.9	µg/L	EPA 200.8	0.13	0.5			
2016/17-3	MO-CAM	matrix spike dup, rec	12/28/2016	Metal	Copper	Total	=	95	%	EPA 200.8	-88	-88	70	130	
2016/17-3	MO-CAM	matrix spike, RPD	12/28/2016	Metal	Copper	Total	=	3	%	EPA 200.8	-88	-88	0	30	
2016/17-3	MO-OJA	matrix spike	12/28/2016	Metal	Copper	Total	=	69.1	µg/L	EPA 200.8	0.13	0.5			
2016/17-3	MO-OJA	matrix spike, rec	12/28/2016	Metal	Copper	Total	=	96	%	EPA 200.8	-88	-88	70	130	
2016/17-3	MO-OJA	matrix spike dup	12/28/2016	Metal	Copper	Total	=	68.9	µg/L	EPA 200.8	0.13	0.5			
2016/17-3	MO-OJA	matrix spike dup, rec	12/28/2016	Metal	Copper	Total	=	96	%	EPA 200.8	-88	-88	70	130	
2016/17-3	MO-OJA	matrix spike, RPD	12/28/2016	Metal	Copper	Total	=	0.3	%	EPA 200.8	-88	-88	0	30	
2016/17-3	MO-OXN	matrix spike	1/4/2017	Metal	Copper	Total	=	64.8	µg/L	EPA 200.8	0.13	0.5			
2016/17-3	MO-OXN	matrix spike, rec	1/4/2017	Metal	Copper	Total	=	97	%	EPA 200.8	-88	-88	70	130	
2016/17-3	MO-OXN	matrix spike dup	1/4/2017	Metal	Copper	Total	=	66.3	µg/L	EPA 200.8	0.13	0.5			
2016/17-3	MO-OXN	matrix spike dup, rec	1/4/2017	Metal	Copper	Total	=	100	%	EPA 200.8	-88	-88	70	130	
2016/17-3	MO-OXN	matrix spike, RPD	1/4/2017	Metal	Copper	Total	=	2	%	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	
2016/17-3	Lab	method blank	12/29/2016	Metal	Iron	Dissolved	DNQ	1.86	µg/L	EPA 200.7	1.1	10			IP
2016/17-3	Lab	LCS	12/29/2016	Metal	Iron	Dissolved	=	184	µg/L	EPA 200.7	1.1	10			
2016/17-3	Lab	LCS, rec	12/29/2016	Metal	Iron	Dissolved	=	92	%	EPA 200.7	-88	-88	85	115	
2016/17-3	Lab	method blank	12/27/2016	Metal	Iron	Total	<	1.1	µg/L	EPA 200.7	1.1	10			
2016/17-3	Lab	LCS	12/27/2016	Metal	Iron	Total	=	197	µg/L	EPA 200.7	1.1	10			
2016/17-3	Lab	LCS, rec	12/27/2016	Metal	Iron	Total	=	98	%	EPA 200.7	-88	-88	85	115	
2016/17-3	Lab	method blank	12/29/2016	Metal	Iron	Total	<	1.1	µg/L	EPA 200.7	1.1	10			
2016/17-3	Lab	LCS	12/29/2016	Metal	Iron	Total	=	184	µg/L	EPA 200.7	1.1	10			
2016/17-3	Lab	LCS, rec	12/29/2016	Metal	Iron	Total	=	92	%	EPA 200.7	-88	-88	85	115	
2016/17-3	ME-CC	matrix spike	12/29/2016	Metal	Iron	Total	=	4080	µg/L	EPA 200.7	1.1	10			GB
2016/17-3	ME-CC	matrix spike, rec	12/29/2016	Metal	Iron	Total	=	144	%	EPA 200.7	-88	-88	70	130	GB
2016/17-3	ME-CC	matrix spike dup	12/29/2016	Metal	Iron	Total	=	4050	µg/L	EPA 200.7	1.1	10			GB
2016/17-3	ME-CC	matrix spike dup, rec	12/29/2016	Metal	Iron	Total	=	132	%	EPA 200.7	-88	-88	70	130	GB
2016/17-3	ME-CC	matrix spike, RPD	12/29/2016	Metal	Iron	Total	=	0.6	%	EPA 200.7	-88	-88	0	30	GB
2016/17-3	ME-VR2	matrix spike	12/29/2016	Metal	Iron	Total	=	2710	µg/L	EPA 200.7	1.1	10			GB
2016/17-3	ME-VR2	matrix spike, rec	12/29/2016	Metal	Iron	Total	=	173	%	EPA 200.7	-88	-88	70	130	GB
2016/17-3	ME-VR2	matrix spike dup	12/29/2016	Metal	Iron	Total	=	2730	µg/L	EPA 200.7	1.1	10			GB
2016/17-3	ME-VR2	matrix spike dup, rec	12/29/2016	Metal	Iron	Total	=	184	%	EPA 200.7	-88	-88	70	130	GB
2016/17-3	ME-VR2	matrix spike, RPD	12/29/2016	Metal	Iron	Total	=	0.8	%	EPA 200.7	-88	-88	0	30	GB
2016/17-3	MO-THO	matrix spike	12/27/2016	Metal	Iron	Total	=	5410	µg/L	EPA 200.7	1.1	10			GB
2016/17-3	MO-THO	matrix spike, rec	12/27/2016	Metal	Iron	Total	=	43	%	EPA 200.7	-88	-88	70	130	GB
2016/17-3	MO-THO	matrix spike dup	12/27/2016	Metal	Iron	Total	=	5670	µg/L	EPA 200.7	1.1	10			GB
2016/17-3	MO-THO	matrix spike dup, rec	12/27/2016	Metal	Iron	Total	=	177	%	EPA 200.7	-88	-88	70	130	GB
2016/17-3	MO-THO	matrix spike, RPD	12/27/2016	Metal	Iron	Total	=	5	%	EPA 200.7	-88	-88	0	30	GB
2016/17-3	Lab	method blank	12/29/2016	Metal	Lead	Dissolved	DNQ	0.038	µg/L	EPA 200.8	0.031	0.2			IP
2016/17-3	Lab	LCS	12/29/2016	Metal	Lead	Dissolved	=	50.2	µg/L	EPA 200.8	0.031	0.2			
2016/17-3	Lab	LCS, rec	12/29/2016	Metal	Lead	Dissolved	=	100	%	EPA 200.8	-88	-88	85	115	
2016/17-3	Lab	method blank	1/4/2017	Metal	Lead	Dissolved	<	0.031	µg/L	EPA 200.8	0.031	0.2			
2016/17-3	Lab	LCS	1/4/2017	Metal	Lead	Dissolved	=	48.9	µg/L	EPA 200.8	0.031	0.2			
2016/17-3	Lab	LCS, rec	1/4/2017	Metal	Lead	Dissolved	=	98	%	EPA 200.8	-88	-88	85	115	
2016/17-3	Lab	method blank	12/29/2016	Metal	Lead	Total	<	0.031	µg/L	EPA 200.8	0.031	0.2			
2016/17-3	Lab	LCS	12/29/2016	Metal	Lead	Total	=	50.2	µg/L	EPA 200.8	0.031	0.2			
2016/17-3	Lab	LCS, rec	12/29/2016	Metal	Lead	Total	=	100	%	EPA 200.8	-88	-88	85	115	
2016/17-3	Lab	method blank	1/4/2017	Metal	Lead	Total	<	0.031	µg/L	EPA 200.8	0.031	0.2			
2016/17-3	Lab	LCS	1/4/2017	Metal	Lead	Total	=	48.9	µg/L	EPA 200.8	0.031	0.2			
2016/17-3	Lab	LCS, rec	1/4/2017	Metal	Lead	Total	=	98	%	EPA 200.8	-88	-88	85	115	
2016/17-3	MO-CAM	matrix spike	12/29/2016	Metal	Lead	Total	=	50.3	µg/L	EPA 200.8	0.031	0.2			
2016/17-3	MO-CAM	matrix spike, rec	12/29/2016	Metal	Lead	Total	=	97	%	EPA 200.8	-88	-88	70	130	
2016/17-3	MO-CAM	matrix spike dup	12/29/2016	Metal	Lead	Total	=	48.5	µg/L	EPA 200.8	0.031	0.2			
2016/17-3	MO-CAM	matrix spike dup, rec	12/29/2016	Metal	Lead	Total	=	93	%	EPA 200.8	-88	-88	70	130	
2016/17-3	MO-CAM	matrix spike, RPD	12/29/2016	Metal	Lead	Total	=	4	%	EPA 200.8	-88	-88	0	30	
2016/17-3	MO-OJA	matrix spike	12/29/2016	Metal	Lead	Total	=	54.3	µg/L	EPA 200.8	0.031	0.2			
2016/17-3	MO-OJA	matrix spike, rec	12/29/2016	Metal	Lead	Total	=	95	%	EPA 200.8	-88	-88	70	130	
2016/17-3	MO-OJA	matrix spike dup	12/29/2016	Metal	Lead	Total	=	54	µg/L	EPA 200.8	0.031	0.2			
2016/17-3	MO-OJA	matrix spike dup, rec	12/29/2016	Metal	Lead	Total	=	94	%	EPA 200.8	-88	-88	70	130	
2016/17-3	MO-OJA	matrix spike, RPD	12/29/2016	Metal	Lead	Total	=	0.6	%	EPA 200.8	-88	-88	0	30	
2016/17-3	MO-OXN	matrix spike	1/4/2017	Metal	Lead	Total	=	51.9	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	
2016/17-3	MO-OXN	matrix spike, rec	1/4/2017	Metal	Lead	Total	=	98	%	EPA 200.8	-88	-88	70	130	
2016/17-3	MO-OXN	matrix spike dup	1/4/2017	Metal	Lead	Total	=	53.7	µg/L	EPA 200.8	0.031	0.2			
2016/17-3	MO-OXN	matrix spike dup, rec	1/4/2017	Metal	Lead	Total	=	101	%	EPA 200.8	-88	-88	70	130	
2016/17-3	MO-OXN	matrix spike, RPD	1/4/2017	Metal	Lead	Total	=	3	%	EPA 200.8	-88	-88	0	30	
2016/17-3	Lab	method blank	12/30/2016	Metal	Mercury	Dissolved	<	17	ng/L	EPA 245.1	17	50			
2016/17-3	Lab	LCS	12/30/2016	Metal	Mercury	Dissolved	=	1040	ng/L	EPA 245.1	17	50			
2016/17-3	Lab	LCS, rec	12/30/2016	Metal	Mercury	Dissolved	=	104	%	EPA 245.1	-88	-88	85	115	
2016/17-3	Lab	method blank	12/30/2016	Metal	Mercury	Dissolved	<	17	ng/L	EPA 245.1	17	50			
2016/17-3	Lab	LCS	12/30/2016	Metal	Mercury	Dissolved	=	1040	ng/L	EPA 245.1	17	50			
2016/17-3	Lab	LCS, rec	12/30/2016	Metal	Mercury	Dissolved	=	104	%	EPA 245.1	-88	-88	85	115	
2016/17-3	MO-FIL	matrix spike	12/30/2016	Metal	Mercury	Dissolved	=	1040	ng/L	EPA 245.1	17	50			
2016/17-3	MO-FIL	matrix spike, rec	12/30/2016	Metal	Mercury	Dissolved	=	104	%	EPA 245.1	-88	-88	70	130	
2016/17-3	MO-FIL	matrix spike dup	12/30/2016	Metal	Mercury	Dissolved	=	1040	ng/L	EPA 245.1	17	50			
2016/17-3	MO-FIL	matrix spike dup, rec	12/30/2016	Metal	Mercury	Dissolved	=	104	%	EPA 245.1	-88	-88	70	130	
2016/17-3	MO-FIL	matrix spike, RPD	12/30/2016	Metal	Mercury	Dissolved	=	0	%	EPA 245.1	-88	-88	0	20	
2016/17-3	MO-SIM	matrix spike	12/30/2016	Metal	Mercury	Dissolved	=	1040	ng/L	EPA 245.1	17	50			
2016/17-3	MO-SIM	matrix spike, rec	12/30/2016	Metal	Mercury	Dissolved	=	104	%	EPA 245.1	-88	-88	70	130	
2016/17-3	MO-SIM	matrix spike dup	12/30/2016	Metal	Mercury	Dissolved	=	1050	ng/L	EPA 245.1	17	50			
2016/17-3	MO-SIM	matrix spike dup, rec	12/30/2016	Metal	Mercury	Dissolved	=	105	%	EPA 245.1	-88	-88	70	130	
2016/17-3	MO-SIM	matrix spike, RPD	12/30/2016	Metal	Mercury	Dissolved	=	1	%	EPA 245.1	-88	-88	0	20	
2016/17-3	000NONPJ	matrix spike	12/30/2016	Metal	Mercury	Total	=	972	ng/L	EPA 245.1	17	50			
2016/17-3	000NONPJ	matrix spike, rec	12/30/2016	Metal	Mercury	Total	=	97	%	EPA 245.1	-88	-88	70	130	
2016/17-3	000NONPJ	matrix spike dup	12/30/2016	Metal	Mercury	Total	=	972	ng/L	EPA 245.1	17	50			
2016/17-3	000NONPJ	matrix spike dup, rec	12/30/2016	Metal	Mercury	Total	=	97	%	EPA 245.1	-88	-88	70	130	
2016/17-3	000NONPJ	matrix spike, RPD	12/30/2016	Metal	Mercury	Total	=	0	%	EPA 245.1	-88	-88	0	20	
2016/17-3	Lab	method blank	12/30/2016	Metal	Mercury	Total	<	17	ng/L	EPA 245.1	17	50			
2016/17-3	Lab	LCS	12/30/2016	Metal	Mercury	Total	=	1040	ng/L	EPA 245.1	17	50			
2016/17-3	Lab	LCS, rec	12/30/2016	Metal	Mercury	Total	=	104	%	EPA 245.1	-88	-88	85	115	
2016/17-3	Lab	method blank	12/30/2016	Metal	Mercury	Total	<	17	ng/L	EPA 245.1	17	50			
2016/17-3	Lab	LCS	12/30/2016	Metal	Mercury	Total	=	1040	ng/L	EPA 245.1	17	50			
2016/17-3	Lab	LCS, rec	12/30/2016	Metal	Mercury	Total	=	104	%	EPA 245.1	-88	-88	85	115	
2016/17-3	MO-FIL	matrix spike	12/30/2016	Metal	Mercury	Total	=	1040	ng/L	EPA 245.1	17	50			
2016/17-3	MO-FIL	matrix spike, rec	12/30/2016	Metal	Mercury	Total	=	101	%	EPA 245.1	-88	-88	70	130	
2016/17-3	MO-FIL	matrix spike dup	12/30/2016	Metal	Mercury	Total	=	1040	ng/L	EPA 245.1	17	50			
2016/17-3	MO-FIL	matrix spike dup, rec	12/30/2016	Metal	Mercury	Total	=	101	%	EPA 245.1	-88	-88	70	130	
2016/17-3	MO-FIL	matrix spike, RPD	12/30/2016	Metal	Mercury	Total	=	0	%	EPA 245.1	-88	-88	0	20	
2016/17-3	MO-HUE	matrix spike	12/30/2016	Metal	Mercury	Total	=	1000	ng/L	EPA 245.1	17	50			
2016/17-3	MO-HUE	matrix spike, rec	12/30/2016	Metal	Mercury	Total	=	98	%	EPA 245.1	-88	-88	70	130	
2016/17-3	MO-HUE	matrix spike dup	12/30/2016	Metal	Mercury	Total	=	992	ng/L	EPA 245.1	17	50			
2016/17-3	MO-HUE	matrix spike dup, rec	12/30/2016	Metal	Mercury	Total	=	98	%	EPA 245.1	-88	-88	70	130	
2016/17-3	MO-HUE	matrix spike, RPD	12/30/2016	Metal	Mercury	Total	=	0.8	%	EPA 245.1	-88	-88	0	20	
2016/17-3	MO-SIM	matrix spike	12/30/2016	Metal	Mercury	Total	=	1040	ng/L	EPA 245.1	17	50			
2016/17-3	MO-SIM	matrix spike, rec	12/30/2016	Metal	Mercury	Total	=	102	%	EPA 245.1	-88	-88	70	130	
2016/17-3	MO-SIM	matrix spike dup	12/30/2016	Metal	Mercury	Total	=	1050	ng/L	EPA 245.1	17	50			
2016/17-3	MO-SIM	matrix spike dup, rec	12/30/2016	Metal	Mercury	Total	=	103	%	EPA 245.1	-88	-88	70	130	
2016/17-3	MO-SIM	matrix spike, RPD	12/30/2016	Metal	Mercury	Total	=	1	%	EPA 245.1	-88	-88	0	20	
2016/17-3	Lab	method blank	12/28/2016	Metal	Nickel	Dissolved	DNQ	0.196	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	
2016/17-3	Lab	LCS	12/28/2016	Metal	Nickel	Dissolved	=	49.3	µg/L	EPA 200.8	0.045	0.8			
2016/17-3	Lab	LCS, rec	12/28/2016	Metal	Nickel	Dissolved	=	99	%	EPA 200.8	-88	-88	85	115	
2016/17-3	Lab	method blank	1/4/2017	Metal	Nickel	Dissolved	<	0.045	µg/L	EPA 200.8	0.045	0.8			
2016/17-3	Lab	LCS	1/4/2017	Metal	Nickel	Dissolved	=	47.9	µg/L	EPA 200.8	0.045	0.8			
2016/17-3	Lab	LCS, rec	1/4/2017	Metal	Nickel	Dissolved	=	96	%	EPA 200.8	-88	-88	85	115	
2016/17-3	Lab	method blank	12/28/2016	Metal	Nickel	Total	<	0.045	µg/L	EPA 200.8	0.045	0.8			
2016/17-3	Lab	LCS	12/28/2016	Metal	Nickel	Total	=	49.3	µg/L	EPA 200.8	0.045	0.8			
2016/17-3	Lab	LCS, rec	12/28/2016	Metal	Nickel	Total	=	99	%	EPA 200.8	-88	-88	85	115	
2016/17-3	Lab	method blank	1/4/2017	Metal	Nickel	Total	DNQ	0.049	µg/L	EPA 200.8	0.045	0.8			IP
2016/17-3	Lab	LCS	1/4/2017	Metal	Nickel	Total	=	47.9	µg/L	EPA 200.8	0.045	0.8			
2016/17-3	Lab	LCS, rec	1/4/2017	Metal	Nickel	Total	=	96	%	EPA 200.8	-88	-88	85	115	
2016/17-3	MO-CAM	matrix spike	12/28/2016	Metal	Nickel	Total	=	52.8	µg/L	EPA 200.8	0.045	0.8			
2016/17-3	MO-CAM	matrix spike, rec	12/28/2016	Metal	Nickel	Total	=	99	%	EPA 200.8	-88	-88	70	130	
2016/17-3	MO-CAM	matrix spike dup	12/28/2016	Metal	Nickel	Total	=	50.9	µg/L	EPA 200.8	0.045	0.8			
2016/17-3	MO-CAM	matrix spike dup, rec	12/28/2016	Metal	Nickel	Total	=	95	%	EPA 200.8	-88	-88	70	130	
2016/17-3	MO-CAM	matrix spike, RPD	12/28/2016	Metal	Nickel	Total	=	4	%	EPA 200.8	-88	-88	0	30	
2016/17-3	MO-OJA	matrix spike	12/28/2016	Metal	Nickel	Total	=	57.2	µg/L	EPA 200.8	0.045	0.8			
2016/17-3	MO-OJA	matrix spike, rec	12/28/2016	Metal	Nickel	Total	=	98	%	EPA 200.8	-88	-88	70	130	
2016/17-3	MO-OJA	matrix spike dup	12/28/2016	Metal	Nickel	Total	=	57.2	µg/L	EPA 200.8	0.045	0.8			
2016/17-3	MO-OJA	matrix spike dup, rec	12/28/2016	Metal	Nickel	Total	=	98	%	EPA 200.8	-88	-88	70	130	
2016/17-3	MO-OJA	matrix spike, RPD	12/28/2016	Metal	Nickel	Total	=	0.01	%	EPA 200.8	-88	-88	0	30	
2016/17-3	MO-OXN	matrix spike	1/4/2017	Metal	Nickel	Total	=	52.9	µg/L	EPA 200.8	0.045	0.8			
2016/17-3	MO-OXN	matrix spike, rec	1/4/2017	Metal	Nickel	Total	=	98	%	EPA 200.8	-88	-88	70	130	
2016/17-3	MO-OXN	matrix spike dup	1/4/2017	Metal	Nickel	Total	=	51.8	µg/L	EPA 200.8	0.045	0.8			
2016/17-3	MO-OXN	matrix spike dup, rec	1/4/2017	Metal	Nickel	Total	=	96	%	EPA 200.8	-88	-88	70	130	
2016/17-3	MO-OXN	matrix spike, RPD	1/4/2017	Metal	Nickel	Total	=	2	%	EPA 200.8	-88	-88	0	30	
2016/17-3	Lab	method blank	12/30/2016	Metal	Selenium	Dissolved	<	0.14	µg/L	EPA 200.8	0.14	0.4			
2016/17-3	Lab	LCS	12/30/2016	Metal	Selenium	Dissolved	=	49.4	µg/L	EPA 200.8	0.14	0.4			
2016/17-3	Lab	LCS, rec	12/30/2016	Metal	Selenium	Dissolved	=	99	%	EPA 200.8	-88	-88	85	115	
2016/17-3	Lab	method blank	1/4/2017	Metal	Selenium	Dissolved	<	0.14	µg/L	EPA 200.8	0.14	0.4			
2016/17-3	Lab	LCS	1/4/2017	Metal	Selenium	Dissolved	=	50.9	µg/L	EPA 200.8	0.14	0.4			
2016/17-3	Lab	LCS, rec	1/4/2017	Metal	Selenium	Dissolved	=	102	%	EPA 200.8	-88	-88	85	115	
2016/17-3	Lab	method blank	12/30/2016	Metal	Selenium	Total	<	0.14	µg/L	EPA 200.8	0.14	0.4			
2016/17-3	Lab	LCS	12/30/2016	Metal	Selenium	Total	=	49.4	µg/L	EPA 200.8	0.14	0.4			
2016/17-3	Lab	LCS, rec	12/30/2016	Metal	Selenium	Total	=	99	%	EPA 200.8	-88	-88	85	115	
2016/17-3	Lab	method blank	1/4/2017	Metal	Selenium	Total	<	0.14	µg/L	EPA 200.8	0.14	0.4			
2016/17-3	Lab	LCS	1/4/2017	Metal	Selenium	Total	=	50.9	µg/L	EPA 200.8	0.14	0.4			
2016/17-3	Lab	LCS, rec	1/4/2017	Metal	Selenium	Total	=	102	%	EPA 200.8	-88	-88	85	115	
2016/17-3	MO-CAM	matrix spike	12/30/2016	Metal	Selenium	Total	=	47.8	µg/L	EPA 200.8	0.14	0.4			
2016/17-3	MO-CAM	matrix spike, rec	12/30/2016	Metal	Selenium	Total	=	95	%	EPA 200.8	-88	-88	70	130	
2016/17-3	MO-CAM	matrix spike dup	12/30/2016	Metal	Selenium	Total	=	47.1	µg/L	EPA 200.8	0.14	0.4			
2016/17-3	MO-CAM	matrix spike dup, rec	12/30/2016	Metal	Selenium	Total	=	94	%	EPA 200.8	-88	-88	70	130	
2016/17-3	MO-CAM	matrix spike, RPD	12/30/2016	Metal	Selenium	Total	=	2	%	EPA 200.8	-88	-88	0	30	
2016/17-3	MO-OJA	matrix spike	12/30/2016	Metal	Selenium	Total	=	46.8	µg/L	EPA 200.8	0.14	0.4			
2016/17-3	MO-OJA	matrix spike, rec	12/30/2016	Metal	Selenium	Total	=	93	%	EPA 200.8	-88	-88	70	130	
2016/17-3	MO-OJA	matrix spike dup	12/30/2016	Metal	Selenium	Total	=	46.4	µg/L	EPA 200.8	0.14	0.4			
2016/17-3	MO-OJA	matrix spike dup, rec	12/30/2016	Metal	Selenium	Total	=	92	%	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	
2016/17-3	MO-OJA	matrix spike, RPD	12/30/2016	Metal	Selenium	Total	=	0.8	%	EPA 200.8	-88	-88	0	30	
2016/17-3	MO-OXN	matrix spike	1/4/2017	Metal	Selenium	Total	=	49.7	µg/L	EPA 200.8	0.14	0.4			
2016/17-3	MO-OXN	matrix spike, rec	1/4/2017	Metal	Selenium	Total	=	99	%	EPA 200.8	-88	-88	70	130	
2016/17-3	MO-OXN	matrix spike dup	1/4/2017	Metal	Selenium	Total	=	51.2	µg/L	EPA 200.8	0.14	0.4			
2016/17-3	MO-OXN	matrix spike dup, rec	1/4/2017	Metal	Selenium	Total	=	102	%	EPA 200.8	-88	-88	70	130	
2016/17-3	MO-OXN	matrix spike, RPD	1/4/2017	Metal	Selenium	Total	=	3	%	EPA 200.8	-88	-88	0	30	
2016/17-3	Lab	method blank	12/28/2016	Metal	Silver	Dissolved	<	0.062	µg/L	EPA 200.8	0.062	0.2			
2016/17-3	Lab	LCS	12/28/2016	Metal	Silver	Dissolved	=	49.8	µg/L	EPA 200.8	0.062	0.2			
2016/17-3	Lab	LCS, rec	12/28/2016	Metal	Silver	Dissolved	=	100	%	EPA 200.8	-88	-88	85	115	
2016/17-3	Lab	method blank	1/4/2017	Metal	Silver	Dissolved	<	0.062	µg/L	EPA 200.8	0.062	0.2			
2016/17-3	Lab	LCS	1/4/2017	Metal	Silver	Dissolved	=	49.1	µg/L	EPA 200.8	0.062	0.2			
2016/17-3	Lab	LCS, rec	1/4/2017	Metal	Silver	Dissolved	=	98	%	EPA 200.8	-88	-88	85	115	
2016/17-3	Lab	method blank	12/28/2016	Metal	Silver	Total	<	0.062	µg/L	EPA 200.8	0.062	0.2			
2016/17-3	Lab	LCS	12/28/2016	Metal	Silver	Total	=	49.8	µg/L	EPA 200.8	0.062	0.2			
2016/17-3	Lab	LCS, rec	12/28/2016	Metal	Silver	Total	=	100	%	EPA 200.8	-88	-88	85	115	
2016/17-3	Lab	method blank	1/4/2017	Metal	Silver	Total	<	0.062	µg/L	EPA 200.8	0.062	0.2			
2016/17-3	Lab	LCS	1/4/2017	Metal	Silver	Total	=	49.1	µg/L	EPA 200.8	0.062	0.2			
2016/17-3	Lab	LCS, rec	1/4/2017	Metal	Silver	Total	=	98	%	EPA 200.8	-88	-88	85	115	
2016/17-3	MO-CAM	matrix spike	12/28/2016	Metal	Silver	Total	=	49.6	µg/L	EPA 200.8	0.062	0.2			
2016/17-3	MO-CAM	matrix spike, rec	12/28/2016	Metal	Silver	Total	=	99	%	EPA 200.8	-88	-88	70	130	
2016/17-3	MO-CAM	matrix spike dup	12/28/2016	Metal	Silver	Total	=	48.2	µg/L	EPA 200.8	0.062	0.2			
2016/17-3	MO-CAM	matrix spike dup, rec	12/28/2016	Metal	Silver	Total	=	96	%	EPA 200.8	-88	-88	70	130	
2016/17-3	MO-CAM	matrix spike, RPD	12/28/2016	Metal	Silver	Total	=	3	%	EPA 200.8	-88	-88	0	30	
2016/17-3	MO-OJA	matrix spike	12/28/2016	Metal	Silver	Total	=	48.5	µg/L	EPA 200.8	0.062	0.2			
2016/17-3	MO-OJA	matrix spike, rec	12/28/2016	Metal	Silver	Total	=	97	%	EPA 200.8	-88	-88	70	130	
2016/17-3	MO-OJA	matrix spike dup	12/28/2016	Metal	Silver	Total	=	47.7	µg/L	EPA 200.8	0.062	0.2			
2016/17-3	MO-OJA	matrix spike dup, rec	12/28/2016	Metal	Silver	Total	=	95	%	EPA 200.8	-88	-88	70	130	
2016/17-3	MO-OJA	matrix spike, RPD	12/28/2016	Metal	Silver	Total	=	2	%	EPA 200.8	-88	-88	0	30	
2016/17-3	MO-OXN	matrix spike	1/4/2017	Metal	Silver	Total	=	49.1	µg/L	EPA 200.8	0.062	0.2			
2016/17-3	MO-OXN	matrix spike, rec	1/4/2017	Metal	Silver	Total	=	98	%	EPA 200.8	-88	-88	70	130	
2016/17-3	MO-OXN	matrix spike dup	1/4/2017	Metal	Silver	Total	=	51.6	µg/L	EPA 200.8	0.062	0.2			
2016/17-3	MO-OXN	matrix spike dup, rec	1/4/2017	Metal	Silver	Total	=	103	%	EPA 200.8	-88	-88	70	130	
2016/17-3	MO-OXN	matrix spike, RPD	1/4/2017	Metal	Silver	Total	=	5	%	EPA 200.8	-88	-88	0	30	
2016/17-3	Lab	method blank	12/29/2016	Metal	Thallium	Dissolved	<	0.014	µg/L	EPA 200.8	0.014	0.2			
2016/17-3	Lab	LCS	12/29/2016	Metal	Thallium	Dissolved	=	50.6	µg/L	EPA 200.8	0.014	0.2			
2016/17-3	Lab	LCS, rec	12/29/2016	Metal	Thallium	Dissolved	=	101	%	EPA 200.8	-88	-88	85	115	
2016/17-3	Lab	method blank	1/4/2017	Metal	Thallium	Dissolved	<	0.014	µg/L	EPA 200.8	0.014	0.2			
2016/17-3	Lab	LCS	1/4/2017	Metal	Thallium	Dissolved	=	49.4	µg/L	EPA 200.8	0.014	0.2			
2016/17-3	Lab	LCS, rec	1/4/2017	Metal	Thallium	Dissolved	=	99	%	EPA 200.8	-88	-88	85	115	
2016/17-3	Lab	method blank	12/29/2016	Metal	Thallium	Total	<	0.014	µg/L	EPA 200.8	0.014	0.2			
2016/17-3	Lab	LCS	12/29/2016	Metal	Thallium	Total	=	50.6	µg/L	EPA 200.8	0.014	0.2			
2016/17-3	Lab	LCS, rec	12/29/2016	Metal	Thallium	Total	=	101	%	EPA 200.8	-88	-88	85	115	
2016/17-3	Lab	method blank	1/4/2017	Metal	Thallium	Total	<	0.014	µg/L	EPA 200.8	0.014	0.2			
2016/17-3	Lab	LCS	1/4/2017	Metal	Thallium	Total	=	49.4	µg/L	EPA 200.8	0.014	0.2			
2016/17-3	Lab	LCS, rec	1/4/2017	Metal	Thallium	Total	=	99	%	EPA 200.8	-88	-88	85	115	
2016/17-3	MO-CAM	matrix spike	12/29/2016	Metal	Thallium	Total	=	48.5	µg/L	EPA 200.8	0.014	0.2			
2016/17-3	MO-CAM	matrix spike, rec	12/29/2016	Metal	Thallium	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	
2016/17-3	MO-CAM	matrix spike dup	12/29/2016	Metal	Thallium	Total	=	46.6	µg/L	EPA 200.8	0.014	0.2			
2016/17-3	MO-CAM	matrix spike dup, rec	12/29/2016	Metal	Thallium	Total	=	93	%	EPA 200.8	-88	-88	70	130	
2016/17-3	MO-CAM	matrix spike, RPD	12/29/2016	Metal	Thallium	Total	=	4	%	EPA 200.8	-88	-88	0	30	
2016/17-3	MO-OJA	matrix spike	12/29/2016	Metal	Thallium	Total	=	47.1	µg/L	EPA 200.8	0.014	0.2			
2016/17-3	MO-OJA	matrix spike, rec	12/29/2016	Metal	Thallium	Total	=	94	%	EPA 200.8	-88	-88	70	130	
2016/17-3	MO-OJA	matrix spike dup	12/29/2016	Metal	Thallium	Total	=	47.2	µg/L	EPA 200.8	0.014	0.2			
2016/17-3	MO-OJA	matrix spike dup, rec	12/29/2016	Metal	Thallium	Total	=	94	%	EPA 200.8	-88	-88	70	130	
2016/17-3	MO-OJA	matrix spike, RPD	12/29/2016	Metal	Thallium	Total	=	0.2	%	EPA 200.8	-88	-88	0	30	
2016/17-3	MO-OXN	matrix spike	1/4/2017	Metal	Thallium	Total	=	49.1	µg/L	EPA 200.8	0.014	0.2			
2016/17-3	MO-OXN	matrix spike, rec	1/4/2017	Metal	Thallium	Total	=	98	%	EPA 200.8	-88	-88	70	130	
2016/17-3	MO-OXN	matrix spike dup	1/4/2017	Metal	Thallium	Total	=	50.6	µg/L	EPA 200.8	0.014	0.2			
2016/17-3	MO-OXN	matrix spike dup, rec	1/4/2017	Metal	Thallium	Total	=	101	%	EPA 200.8	-88	-88	70	130	
2016/17-3	MO-OXN	matrix spike, RPD	1/4/2017	Metal	Thallium	Total	=	3	%	EPA 200.8	-88	-88	0	30	
2016/17-3	Lab	method blank	12/28/2016	Metal	Zinc	Dissolved	DNQ	0.997	µg/L	EPA 200.8	0.94	5			IP
2016/17-3	Lab	LCS	12/28/2016	Metal	Zinc	Dissolved	=	51.8	µg/L	EPA 200.8	0.94	5			
2016/17-3	Lab	LCS, rec	12/28/2016	Metal	Zinc	Dissolved	=	104	%	EPA 200.8	-88	-88	85	115	
2016/17-3	Lab	method blank	1/4/2017	Metal	Zinc	Dissolved	<	0.94	µg/L	EPA 200.8	0.94	5			
2016/17-3	Lab	LCS	1/4/2017	Metal	Zinc	Dissolved	=	50	µg/L	EPA 200.8	0.94	5			
2016/17-3	Lab	LCS, rec	1/4/2017	Metal	Zinc	Dissolved	=	100	%	EPA 200.8	-88	-88	85	115	
2016/17-3	Lab	method blank	12/28/2016	Metal	Zinc	Total	<	0.94	µg/L	EPA 200.8	0.94	5			
2016/17-3	Lab	LCS	12/28/2016	Metal	Zinc	Total	=	51.8	µg/L	EPA 200.8	0.94	5			
2016/17-3	Lab	LCS, rec	12/28/2016	Metal	Zinc	Total	=	104	%	EPA 200.8	-88	-88	85	115	
2016/17-3	Lab	method blank	1/4/2017	Metal	Zinc	Total	<	0.94	µg/L	EPA 200.8	0.94	5			
2016/17-3	Lab	LCS	1/4/2017	Metal	Zinc	Total	=	50	µg/L	EPA 200.8	0.94	5			
2016/17-3	Lab	LCS, rec	1/4/2017	Metal	Zinc	Total	=	100	%	EPA 200.8	-88	-88	85	115	
2016/17-3	MO-CAM	matrix spike	12/28/2016	Metal	Zinc	Total	=	124	µg/L	EPA 200.8	0.94	5			
2016/17-3	MO-CAM	matrix spike, rec	12/28/2016	Metal	Zinc	Total	=	92	%	EPA 200.8	-88	-88	70	130	
2016/17-3	MO-CAM	matrix spike dup	12/28/2016	Metal	Zinc	Total	=	123	µg/L	EPA 200.8	0.94	5			
2016/17-3	MO-CAM	matrix spike dup, rec	12/28/2016	Metal	Zinc	Total	=	91	%	EPA 200.8	-88	-88	70	130	
2016/17-3	MO-CAM	matrix spike, RPD	12/28/2016	Metal	Zinc	Total	=	0.7	%	EPA 200.8	-88	-88	0	30	
2016/17-3	MO-OJA	matrix spike	12/28/2016	Metal	Zinc	Total	=	118	µg/L	EPA 200.8	0.94	5			
2016/17-3	MO-OJA	matrix spike, rec	12/28/2016	Metal	Zinc	Total	=	87	%	EPA 200.8	-88	-88	70	130	
2016/17-3	MO-OJA	matrix spike dup	12/28/2016	Metal	Zinc	Total	=	120	µg/L	EPA 200.8	0.94	5			
2016/17-3	MO-OJA	matrix spike dup, rec	12/28/2016	Metal	Zinc	Total	=	91	%	EPA 200.8	-88	-88	70	130	
2016/17-3	MO-OJA	matrix spike, RPD	12/28/2016	Metal	Zinc	Total	=	2	%	EPA 200.8	-88	-88	0	30	
2016/17-3	MO-OXN	matrix spike	1/4/2017	Metal	Zinc	Total	=	133	µg/L	EPA 200.8	0.94	5			
2016/17-3	MO-OXN	matrix spike, rec	1/4/2017	Metal	Zinc	Total	=	106	%	EPA 200.8	-88	-88	70	130	
2016/17-3	MO-OXN	matrix spike dup	1/4/2017	Metal	Zinc	Total	=	133	µg/L	EPA 200.8	0.94	5			
2016/17-3	MO-OXN	matrix spike dup, rec	1/4/2017	Metal	Zinc	Total	=	106	%	EPA 200.8	-88	-88	70	130	
2016/17-3	MO-OXN	matrix spike, RPD	1/4/2017	Metal	Zinc	Total	=	0.2	%	EPA 200.8	-88	-88	0	30	
2016/17-3	000NONPJ	matrix spike	12/19/2016	Nutrient	Ammonia as N	n/a	=	0.254	mg/L	EPA 350.1	0.048	0.1			
2016/17-3	000NONPJ	matrix spike	12/19/2016	Nutrient	Ammonia as N	n/a	=	0.251	mg/L	EPA 350.1	0.048	0.1			
2016/17-3	000NONPJ	matrix spike dup	12/19/2016	Nutrient	Ammonia as N	n/a	=	0.257	mg/L	EPA 350.1	0.048	0.1			
2016/17-3	000NONPJ	matrix spike dup	12/19/2016	Nutrient	Ammonia as N	n/a	=	0.26	mg/L	EPA 350.1	0.048	0.1			
2016/17-3	000NONPJ	matrix spike dup, rec	12/19/2016	Nutrient	Ammonia as N	n/a	=	104	%	EPA 350.1	-88	-88	90	110	
2016/17-3	000NONPJ	matrix spike dup, rec	12/19/2016	Nutrient	Ammonia as N	n/a	=	103	%	EPA 350.1	-88	-88	90	110	
2016/17-3	000NONPJ	matrix spike, rec	12/19/2016	Nutrient	Ammonia as N	n/a	=	100	%	EPA 350.1	-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	
2016/17-3	000NONPJ	matrix spike, rec	12/19/2016	Nutrient	Ammonia as N	n/a	=	102	%	EPA 350.1	-88	-88	90	110	
2016/17-3	000NONPJ	matrix spike, RPD	12/19/2016	Nutrient	Ammonia as N	n/a	=	3	%	EPA 350.1	-88	-88	0	15	
2016/17-3	000NONPJ	matrix spike, RPD	12/19/2016	Nutrient	Ammonia as N	n/a	=	0.8	%	EPA 350.1	-88	-88	0	15	
2016/17-3	Lab	LCS	12/19/2016	Nutrient	Ammonia as N	n/a	=	0.248	mg/L	EPA 350.1	0.048	0.1			
2016/17-3	Lab	LCS	12/19/2016	Nutrient	Ammonia as N	n/a	=	0.251	mg/L	EPA 350.1	0.048	0.1			
2016/17-3	Lab	LCS dup	12/19/2016	Nutrient	Ammonia as N	n/a	=	0.248	mg/L	EPA 350.1	0.048	0.1			
2016/17-3	Lab	LCS dup, rec	12/19/2016	Nutrient	Ammonia as N	n/a	=	99	%	EPA 350.1	-88	-88	90	110	
2016/17-3	Lab	LCS, rec	12/19/2016	Nutrient	Ammonia as N	n/a	=	99	%	EPA 350.1	-88	-88	90	110	
2016/17-3	Lab	LCS, rec	12/19/2016	Nutrient	Ammonia as N	n/a	=	100	%	EPA 350.1	-88	-88	90	110	
2016/17-3	Lab	LCS, RPD	12/19/2016	Nutrient	Ammonia as N	n/a	=	0.3	%	EPA 350.1	-88	-88	0	15	
2016/17-3	Lab	method blank	12/19/2016	Nutrient	Ammonia as N	n/a	<	0.048	mg/L	EPA 350.1	0.048	0.1			
2016/17-3	Lab	method blank	12/19/2016	Nutrient	Ammonia as N	n/a	<	0.048	mg/L	EPA 350.1	0.048	0.1			
2016/17-3	000NONPJ	matrix spike	12/17/2016	Nutrient	Nitrate + Nitrite as N	n/a	=	2.46	mg/L	EPA 353.2	0.041	0.1			
2016/17-3	000NONPJ	matrix spike, rec	12/17/2016	Nutrient	Nitrate + Nitrite as N	n/a	=	93	%	EPA 353.2	-88	-88	90	110	
2016/17-3	000NONPJ	matrix spike dup	12/17/2016	Nutrient	Nitrate + Nitrite as N	n/a	=	2.44	mg/L	EPA 353.2	0.041	0.1			
2016/17-3	000NONPJ	matrix spike dup, rec	12/17/2016	Nutrient	Nitrate + Nitrite as N	n/a	=	92	%	EPA 353.2	-88	-88	90	110	
2016/17-3	000NONPJ	matrix spike, RPD	12/17/2016	Nutrient	Nitrate + Nitrite as N	n/a	=	0.9	%	EPA 353.2	-88	-88	0	20	
2016/17-3	000NONPJ	lab duplicate	12/17/2016	Nutrient	Nitrate + Nitrite as N	n/a	=	0.588	mg/L	EPA 353.2	0.041	0.1		20	
2016/17-3	000NONPJ	matrix spike	12/20/2016	Nutrient	Nitrate + Nitrite as N	n/a	=	2.46	mg/L	EPA 353.2	0.041	0.1			
2016/17-3	000NONPJ	matrix spike, rec	12/20/2016	Nutrient	Nitrate + Nitrite as N	n/a	=	99	%	EPA 353.2	-88	-88	90	110	
2016/17-3	000NONPJ	matrix spike dup	12/20/2016	Nutrient	Nitrate + Nitrite as N	n/a	=	2.42	mg/L	EPA 353.2	0.041	0.1			
2016/17-3	000NONPJ	matrix spike dup, rec	12/20/2016	Nutrient	Nitrate + Nitrite as N	n/a	=	97	%	EPA 353.2	-88	-88	90	110	
2016/17-3	000NONPJ	matrix spike, RPD	12/20/2016	Nutrient	Nitrate + Nitrite as N	n/a	=	2	%	EPA 353.2	-88	-88	0	20	
2016/17-3	000NONPJ	matrix spike	12/20/2016	Nutrient	Nitrate + Nitrite as N	n/a	=	2.13	mg/L	EPA 353.2	0.041	0.1			
2016/17-3	000NONPJ	matrix spike, rec	12/20/2016	Nutrient	Nitrate + Nitrite as N	n/a	=	95	%	EPA 353.2	-88	-88	90	110	
2016/17-3	000NONPJ	matrix spike dup	12/20/2016	Nutrient	Nitrate + Nitrite as N	n/a	=	2.14	mg/L	EPA 353.2	0.041	0.1			
2016/17-3	000NONPJ	matrix spike dup, rec	12/20/2016	Nutrient	Nitrate + Nitrite as N	n/a	=	95	%	EPA 353.2	-88	-88	90	110	
2016/17-3	000NONPJ	matrix spike, RPD	12/20/2016	Nutrient	Nitrate + Nitrite as N	n/a	=	0.6	%	EPA 353.2	-88	-88	0	20	
2016/17-3	Lab	method blank	12/17/2016	Nutrient	Nitrate + Nitrite as N	n/a	<	0.041	mg/L	EPA 353.2	0.041	0.1			
2016/17-3	Lab	LCS	12/17/2016	Nutrient	Nitrate + Nitrite as N	n/a	=	0.971	mg/L	EPA 353.2	0.041	0.1			
2016/17-3	Lab	LCS, rec	12/17/2016	Nutrient	Nitrate + Nitrite as N	n/a	=	97	%	EPA 353.2	-88	-88	90	110	
2016/17-3	Lab	method blank	12/20/2016	Nutrient	Nitrate + Nitrite as N	n/a	<	0.041	mg/L	EPA 353.2	0.041	0.1			
2016/17-3	Lab	LCS	12/20/2016	Nutrient	Nitrate + Nitrite as N	n/a	=	1.02	mg/L	EPA 353.2	0.041	0.1			
2016/17-3	Lab	LCS, rec	12/20/2016	Nutrient	Nitrate + Nitrite as N	n/a	=	102	%	EPA 353.2	-88	-88	90	110	
2016/17-3	000NONPJ	matrix spike	12/17/2016	Nutrient	Nitrate as N	n/a	=	2.46	mg/L	EPA 353.2	0.041	0.1			
2016/17-3	000NONPJ	matrix spike, rec	12/17/2016	Nutrient	Nitrate as N	n/a	=	94	%	EPA 353.2	-88	-88	90	110	
2016/17-3	000NONPJ	matrix spike dup	12/17/2016	Nutrient	Nitrate as N	n/a	=	2.44	mg/L	EPA 353.2	0.041	0.1			
2016/17-3	000NONPJ	matrix spike dup, rec	12/17/2016	Nutrient	Nitrate as N	n/a	=	93	%	EPA 353.2	-88	-88	90	110	
2016/17-3	000NONPJ	matrix spike, RPD	12/17/2016	Nutrient	Nitrate as N	n/a	=	0.9	%	EPA 353.2	-88	-88	0	20	
2016/17-3	000NONPJ	lab duplicate	12/17/2016	Nutrient	Nitrate as N	n/a	=	0.588	mg/L	EPA 353.2	0.041	0.1		20	
2016/17-3	Lab	method blank	12/17/2016	Nutrient	Nitrate as N	n/a	<	0.041	mg/L	EPA 353.2	0.041	0.1			
2016/17-3	Lab	LCS	12/17/2016	Nutrient	Nitrate as N	n/a	=	0.971	mg/L	EPA 353.2	0.041	0.1			
2016/17-3	Lab	LCS, rec	12/17/2016	Nutrient	Nitrate as N	n/a	=	97	%	EPA 353.2	-88	-88	90	110	
2016/17-3	000NONPJ	matrix spike	12/29/2016	Nutrient	Phosphorus as P	Dissolved	=	0.258	mg/L	EPA 365.1	0.0028	0.02			GB
2016/17-3	000NONPJ	matrix spike, rec	12/29/2016	Nutrient	Phosphorus as P	Dissolved	=	119	%	EPA 365.1	-88	-88	90	110	GB
2016/17-3	000NONPJ	matrix spike dup	12/29/2016	Nutrient	Phosphorus as P	Dissolved	=	0.256	mg/L	EPA 365.1	0.0028	0.02			GB
2016/17-3	000NONPJ	matrix spike dup, rec	12/29/2016	Nutrient	Phosphorus as P	Dissolved	=	115	%	EPA 365.1	-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	
2016/17-3	000NONPJ	matrix spike, RPD	12/29/2016	Nutrient	Phosphorus as P	Dissolved	=	0.8	%	EPA 365.1	-88	-88	0	20	
2016/17-3	000NONPJ	lab duplicate	12/29/2016	Nutrient	Phosphorus as P	Dissolved	=	0.366	mg/L	EPA 365.1	0.0028	0.02		20	
2016/17-3	Lab	method blank	12/29/2016	Nutrient	Phosphorus as P	Dissolved	<	0.0014	mg/L	EPA 365.1	0.0014	0.01			
2016/17-3	Lab	LCS	12/29/2016	Nutrient	Phosphorus as P	Dissolved	=	0.0508	mg/L	EPA 365.1	0.0014	0.01			
2016/17-3	Lab	LCS, rec	12/29/2016	Nutrient	Phosphorus as P	Dissolved	=	102	%	EPA 365.1	-88	-88	90	110	
2016/17-3	ME-VR2	matrix spike	12/29/2016	Nutrient	Phosphorus as P	Dissolved	=	0.15	mg/L	EPA 365.1	0.0014	0.01			GB
2016/17-3	ME-VR2	matrix spike, rec	12/29/2016	Nutrient	Phosphorus as P	Dissolved	=	112	%	EPA 365.1	-88	-88	90	110	GB
2016/17-3	ME-VR2	matrix spike dup	12/29/2016	Nutrient	Phosphorus as P	Dissolved	=	0.145	mg/L	EPA 365.1	0.0014	0.01			
2016/17-3	ME-VR2	matrix spike dup, rec	12/29/2016	Nutrient	Phosphorus as P	Dissolved	=	102	%	EPA 365.1	-88	-88	90	110	
2016/17-3	ME-VR2	matrix spike, RPD	12/29/2016	Nutrient	Phosphorus as P	Dissolved	=	3	%	EPA 365.1	-88	-88	0	20	
2016/17-3	000NONPJ	matrix spike	12/22/2016	Nutrient	Phosphorus as P	Total	=	0.135	mg/L	EPA 365.1	0.0014	0.01			
2016/17-3	000NONPJ	matrix spike, rec	12/22/2016	Nutrient	Phosphorus as P	Total	=	92	%	EPA 365.1	-88	-88	90	110	
2016/17-3	000NONPJ	matrix spike dup	12/22/2016	Nutrient	Phosphorus as P	Total	=	0.136	mg/L	EPA 365.1	0.0014	0.01			
2016/17-3	000NONPJ	matrix spike dup, rec	12/22/2016	Nutrient	Phosphorus as P	Total	=	94	%	EPA 365.1	-88	-88	90	110	
2016/17-3	000NONPJ	matrix spike, RPD	12/22/2016	Nutrient	Phosphorus as P	Total	=	0.7	%	EPA 365.1	-88	-88	0	20	
2016/17-3	000NONPJ	matrix spike	12/22/2016	Nutrient	Phosphorus as P	Total	=	0.258	mg/L	EPA 365.1	0.0028	0.02			
2016/17-3	000NONPJ	matrix spike, rec	12/22/2016	Nutrient	Phosphorus as P	Total	=	92	%	EPA 365.1	-88	-88	90	110	
2016/17-3	000NONPJ	matrix spike dup	12/22/2016	Nutrient	Phosphorus as P	Total	=	0.258	mg/L	EPA 365.1	0.0028	0.02			
2016/17-3	000NONPJ	matrix spike dup, rec	12/22/2016	Nutrient	Phosphorus as P	Total	=	92	%	EPA 365.1	-88	-88	90	110	
2016/17-3	000NONPJ	matrix spike, RPD	12/22/2016	Nutrient	Phosphorus as P	Total	=	0	%	EPA 365.1	-88	-88	0	20	
2016/17-3	Lab	method blank	12/22/2016	Nutrient	Phosphorus as P	Total	<	0.0014	mg/L	EPA 365.1	0.0014	0.01			
2016/17-3	Lab	LCS	12/22/2016	Nutrient	Phosphorus as P	Total	=	0.0517	mg/L	EPA 365.1	0.0014	0.01			
2016/17-3	Lab	LCS, rec	12/22/2016	Nutrient	Phosphorus as P	Total	=	103	%	EPA 365.1	-88	-88	90	110	
2016/17-3	000NONPJ	matrix spike	12/21/2016	Nutrient	TKN	n/a	=	1.27	mg/L	EPA 351.2	0.05	0.1			
2016/17-3	000NONPJ	matrix spike dup	12/21/2016	Nutrient	TKN	n/a	=	1.28	mg/L	EPA 351.2	0.05	0.1			
2016/17-3	000NONPJ	matrix spike dup, rec	12/21/2016	Nutrient	TKN	n/a	=	105	%	EPA 351.2	-88	-88	90	110	
2016/17-3	000NONPJ	matrix spike, rec	12/21/2016	Nutrient	TKN	n/a	=	103	%	EPA 351.2	-88	-88	90	110	
2016/17-3	000NONPJ	matrix spike, RPD	12/21/2016	Nutrient	TKN	n/a	=	2	%	EPA 351.2	-88	-88	0	10	
2016/17-3	000NONPJ	matrix spike	12/23/2016	Nutrient	TKN	n/a	=	1.25	mg/L	EPA 351.2	0.05	0.1			
2016/17-3	000NONPJ	matrix spike	12/23/2016	Nutrient	TKN	n/a	=	1.25	mg/L	EPA 351.2	0.05	0.1			
2016/17-3	000NONPJ	matrix spike dup	12/23/2016	Nutrient	TKN	n/a	=	1.25	mg/L	EPA 351.2	0.05	0.1			
2016/17-3	000NONPJ	matrix spike dup	12/23/2016	Nutrient	TKN	n/a	=	1.25	mg/L	EPA 351.2	0.05	0.1			
2016/17-3	000NONPJ	matrix spike dup, rec	12/23/2016	Nutrient	TKN	n/a	=	97	%	EPA 351.2	-88	-88	90	110	
2016/17-3	000NONPJ	matrix spike dup, rec	12/23/2016	Nutrient	TKN	n/a	=	97	%	EPA 351.2	-88	-88	90	110	
2016/17-3	000NONPJ	matrix spike, rec	12/23/2016	Nutrient	TKN	n/a	=	97	%	EPA 351.2	-88	-88	90	110	
2016/17-3	000NONPJ	matrix spike, rec	12/23/2016	Nutrient	TKN	n/a	=	97	%	EPA 351.2	-88	-88	90	110	
2016/17-3	000NONPJ	matrix spike, RPD	12/23/2016	Nutrient	TKN	n/a	=	0.3	%	EPA 351.2	-88	-88	0	10	
2016/17-3	000NONPJ	matrix spike, RPD	12/23/2016	Nutrient	TKN	n/a	=	0.5	%	EPA 351.2	-88	-88	0	10	
2016/17-3	Lab	LCS	12/21/2016	Nutrient	TKN	n/a	=	1.05	mg/L	EPA 351.2	0.05	0.1			
2016/17-3	Lab	LCS, rec	12/21/2016	Nutrient	TKN	n/a	=	105	%	EPA 351.2	-88	-88	90	110	
2016/17-3	Lab	method blank	12/21/2016	Nutrient	TKN	n/a	<	0.05	mg/L	EPA 351.2	0.05	0.1			
2016/17-3	Lab	LCS	12/23/2016	Nutrient	TKN	n/a	=	1.02	mg/L	EPA 351.2	0.05	0.1			
2016/17-3	Lab	LCS	12/23/2016	Nutrient	TKN	n/a	=	1.04	mg/L	EPA 351.2	0.05	0.1			
2016/17-3	Lab	LCS, rec	12/23/2016	Nutrient	TKN	n/a	=	102	%	EPA 351.2	-88	-88	90	110	
2016/17-3	Lab	LCS, rec	12/23/2016	Nutrient	TKN	n/a	=	104	%	EPA 351.2	-88	-88	90	110	
2016/17-3	Lab	method blank	12/23/2016	Nutrient	TKN	n/a	<	0.05	mg/L	EPA 351.2	0.05	0.1			
2016/17-3	Lab	method blank	12/23/2016	Nutrient	TKN	n/a	<	0.05	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	
2016/17-3	Lab	method blank	12/28/2016	Organic	1,2,4-Trichlorobenzene	n/a	<	0.55	µg/L	EPA 625	0.55	1			
2016/17-3	Lab	LCS	12/28/2016	Organic	1,2,4-Trichlorobenzene	n/a	=	20.3	µg/L	EPA 625	0.55	1			
2016/17-3	Lab	LCS, rec	12/28/2016	Organic	1,2,4-Trichlorobenzene	n/a	=	81	%	EPA 625	-88	-88	44	142	
2016/17-3	Lab	LCS dup	12/28/2016	Organic	1,2,4-Trichlorobenzene	n/a	=	23.6	µg/L	EPA 625	0.55	1			
2016/17-3	Lab	LCS dup, rec	12/28/2016	Organic	1,2,4-Trichlorobenzene	n/a	=	94	%	EPA 625	-88	-88	44	142	
2016/17-3	Lab	LCS, RPD	12/28/2016	Organic	1,2,4-Trichlorobenzene	n/a	=	15	%	EPA 625	-88	-88	0	30	
2016/17-3	Lab	method blank	12/30/2016	Organic	1,2,4-Trichlorobenzene	n/a	<	0.55	µg/L	EPA 625	0.55	1			
2016/17-3	Lab	LCS	12/30/2016	Organic	1,2,4-Trichlorobenzene	n/a	=	21.4	µg/L	EPA 625	0.55	1			
2016/17-3	Lab	LCS, rec	12/30/2016	Organic	1,2,4-Trichlorobenzene	n/a	=	86	%	EPA 625	-88	-88	44	142	
2016/17-3	Lab	LCS dup	12/30/2016	Organic	1,2,4-Trichlorobenzene	n/a	=	22.9	µg/L	EPA 625	0.55	1			
2016/17-3	Lab	LCS dup, rec	12/30/2016	Organic	1,2,4-Trichlorobenzene	n/a	=	91	%	EPA 625	-88	-88	44	142	
2016/17-3	Lab	LCS, RPD	12/30/2016	Organic	1,2,4-Trichlorobenzene	n/a	=	7	%	EPA 625	-88	-88	0	30	
2016/17-3	Lab	method blank	12/28/2016	Organic	1,2-Dichlorobenzene	n/a	<	0.57	µg/L	EPA 625	0.57	1			
2016/17-3	Lab	LCS	12/28/2016	Organic	1,2-Dichlorobenzene	n/a	=	19.4	µg/L	EPA 625	0.57	1			
2016/17-3	Lab	LCS, rec	12/28/2016	Organic	1,2-Dichlorobenzene	n/a	=	78	%	EPA 625	-88	-88	32	129	
2016/17-3	Lab	LCS dup	12/28/2016	Organic	1,2-Dichlorobenzene	n/a	=	21.8	µg/L	EPA 625	0.57	1			
2016/17-3	Lab	LCS dup, rec	12/28/2016	Organic	1,2-Dichlorobenzene	n/a	=	87	%	EPA 625	-88	-88	32	129	
2016/17-3	Lab	LCS, RPD	12/28/2016	Organic	1,2-Dichlorobenzene	n/a	=	12	%	EPA 625	-88	-88	0	30	
2016/17-3	Lab	method blank	12/30/2016	Organic	1,2-Dichlorobenzene	n/a	<	0.57	µg/L	EPA 625	0.57	1			
2016/17-3	Lab	LCS	12/30/2016	Organic	1,2-Dichlorobenzene	n/a	=	21.1	µg/L	EPA 625	0.57	1			
2016/17-3	Lab	LCS, rec	12/30/2016	Organic	1,2-Dichlorobenzene	n/a	=	84	%	EPA 625	-88	-88	32	129	
2016/17-3	Lab	LCS dup	12/30/2016	Organic	1,2-Dichlorobenzene	n/a	=	22.5	µg/L	EPA 625	0.57	1			
2016/17-3	Lab	LCS dup, rec	12/30/2016	Organic	1,2-Dichlorobenzene	n/a	=	90	%	EPA 625	-88	-88	32	129	
2016/17-3	Lab	LCS, RPD	12/30/2016	Organic	1,2-Dichlorobenzene	n/a	=	7	%	EPA 625	-88	-88	0	30	
2016/17-3	000NONPJ	srgt matrix spike	12/21/2016	Organic	1,2-Dichloroethane-d4	n/a	=	52	µg/L	EPA 624	-88	-88			
2016/17-3	000NONPJ	srgt matrix spike, rec	12/21/2016	Organic	1,2-Dichloroethane-d4	n/a	=	104	%	EPA 624	-88	-88	82	125	
2016/17-3	000NONPJ	srgt matrix spike dup	12/21/2016	Organic	1,2-Dichloroethane-d4	n/a	=	51.1	µg/L	EPA 624	-88	-88			
2016/17-3	000NONPJ	srgt matrix spike dup, rec	12/21/2016	Organic	1,2-Dichloroethane-d4	n/a	=	102	%	EPA 624	-88	-88	82	125	
2016/17-3	Lab	srgt LCS	12/20/2016	Organic	1,2-Dichloroethane-d4	n/a	=	51.8	µg/L	EPA 624	-88	-88			
2016/17-3	Lab	srgt LCS, rec	12/20/2016	Organic	1,2-Dichloroethane-d4	n/a	=	104	%	EPA 624	-88	-88	82	125	
2016/17-3	Lab	srgt method blank	12/20/2016	Organic	1,2-Dichloroethane-d4	n/a	=	51.1	µg/L	EPA 624	-88	-88			
2016/17-3	Lab	srgt method blank, rec	12/20/2016	Organic	1,2-Dichloroethane-d4	n/a	=	102	%	EPA 624	-88	-88	82	125	
2016/17-3	ME-CC	srgt environ	12/20/2016	Organic	1,2-Dichloroethane-d4	n/a	=	53.6	µg/L	EPA 624	-88	-88			
2016/17-3	ME-CC	srgt environ, rec	12/20/2016	Organic	1,2-Dichloroethane-d4	n/a	=	107	%	EPA 624	-88	-88	82	125	
2016/17-3	ME-VR2	srgt environ	12/20/2016	Organic	1,2-Dichloroethane-d4	n/a	=	53.8	µg/L	EPA 624	-88	-88			
2016/17-3	ME-VR2	srgt environ, rec	12/20/2016	Organic	1,2-Dichloroethane-d4	n/a	=	108	%	EPA 624	-88	-88	82	125	
2016/17-3	MO-CAM	srgt environ	12/20/2016	Organic	1,2-Dichloroethane-d4	n/a	=	53.9	µg/L	EPA 624	-88	-88			
2016/17-3	MO-CAM	srgt environ, rec	12/20/2016	Organic	1,2-Dichloroethane-d4	n/a	=	108	%	EPA 624	-88	-88	82	125	
2016/17-3	MO-CAM	srgt environ	12/20/2016	Organic	1,2-Dichloroethane-d4	n/a	=	53.6	µg/L	EPA 624	-88	-88			
2016/17-3	MO-CAM	srgt environ, rec	12/20/2016	Organic	1,2-Dichloroethane-d4	n/a	=	107	%	EPA 624	-88	-88	82	125	
2016/17-3	MO-FIL	srgt environ	12/20/2016	Organic	1,2-Dichloroethane-d4	n/a	=	54.2	µg/L	EPA 624	-88	-88			
2016/17-3	MO-FIL	srgt environ, rec	12/20/2016	Organic	1,2-Dichloroethane-d4	n/a	=	108	%	EPA 624	-88	-88	82	125	
2016/17-3	MO-HUE	srgt environ	12/20/2016	Organic	1,2-Dichloroethane-d4	n/a	=	55.4	µg/L	EPA 624	-88	-88			
2016/17-3	MO-HUE	srgt environ, rec	12/20/2016	Organic	1,2-Dichloroethane-d4	n/a	=	111	%	EPA 624	-88	-88	82	125	
2016/17-3	MO-MEI	srgt environ	12/20/2016	Organic	1,2-Dichloroethane-d4	n/a	=	54.9	µg/L	EPA 624	-88	-88			
2016/17-3	MO-MEI	srgt environ, rec	12/20/2016	Organic	1,2-Dichloroethane-d4	n/a	=	110	%	EPA 624	-88	-88	82	125	
2016/17-3	MO-MPK	srgt environ	12/20/2016	Organic	1,2-Dichloroethane-d4	n/a	=	54.3	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	
2016/17-3	MO-MPK	srgt environ, rec	12/20/2016	Organic	1,2-Dichloroethane-d4	n/a	=	109	%	EPA 624	-88	-88	82	125	
2016/17-3	MO-OJA	srgt environ	12/20/2016	Organic	1,2-Dichloroethane-d4	n/a	=	53.3	µg/L	EPA 624	-88	-88			
2016/17-3	MO-OJA	srgt environ, rec	12/20/2016	Organic	1,2-Dichloroethane-d4	n/a	=	107	%	EPA 624	-88	-88	82	125	
2016/17-3	MO-OXN	srgt environ	12/20/2016	Organic	1,2-Dichloroethane-d4	n/a	=	55.4	µg/L	EPA 624	-88	-88			
2016/17-3	MO-OXN	srgt environ, rec	12/20/2016	Organic	1,2-Dichloroethane-d4	n/a	=	111	%	EPA 624	-88	-88	82	125	
2016/17-3	MO-SIM	srgt environ	12/20/2016	Organic	1,2-Dichloroethane-d4	n/a	=	53.8	µg/L	EPA 624	-88	-88			
2016/17-3	MO-SIM	srgt environ, rec	12/20/2016	Organic	1,2-Dichloroethane-d4	n/a	=	108	%	EPA 624	-88	-88	82	125	
2016/17-3	MO-SPA	srgt environ	12/20/2016	Organic	1,2-Dichloroethane-d4	n/a	=	53.5	µg/L	EPA 624	-88	-88			
2016/17-3	MO-SPA	srgt environ, rec	12/20/2016	Organic	1,2-Dichloroethane-d4	n/a	=	107	%	EPA 624	-88	-88	82	125	
2016/17-3	MO-THO	srgt environ	12/20/2016	Organic	1,2-Dichloroethane-d4	n/a	=	55	µg/L	EPA 624	-88	-88			
2016/17-3	MO-THO	srgt environ, rec	12/20/2016	Organic	1,2-Dichloroethane-d4	n/a	=	110	%	EPA 624	-88	-88	82	125	
2016/17-3	MO-VEN	srgt environ	12/20/2016	Organic	1,2-Dichloroethane-d4	n/a	=	54.8	µg/L	EPA 624	-88	-88			
2016/17-3	MO-VEN	srgt environ, rec	12/20/2016	Organic	1,2-Dichloroethane-d4	n/a	=	110	%	EPA 624	-88	-88	82	125	
2016/17-3	Lab	method blank	12/28/2016	Organic	1,2-Diphenylhydrazine	n/a	<	0.25	µg/L	EPA 625	0.25	1			
2016/17-3	Lab	method blank	12/30/2016	Organic	1,2-Diphenylhydrazine	n/a	<	0.25	µg/L	EPA 625	0.25	1			
2016/17-3	Lab	method blank	12/28/2016	Organic	1,3-Dichlorobenzene	n/a	<	0.53	µg/L	EPA 625	0.53	1			
2016/17-3	Lab	LCS	12/28/2016	Organic	1,3-Dichlorobenzene	n/a	=	19.2	µg/L	EPA 625	0.53	1			
2016/17-3	Lab	LCS, rec	12/28/2016	Organic	1,3-Dichlorobenzene	n/a	=	77	%	EPA 625	-88	-88	0.1	172	
2016/17-3	Lab	LCS dup	12/28/2016	Organic	1,3-Dichlorobenzene	n/a	=	21.4	µg/L	EPA 625	0.53	1			
2016/17-3	Lab	LCS dup, rec	12/28/2016	Organic	1,3-Dichlorobenzene	n/a	=	86	%	EPA 625	-88	-88	0.1	172	
2016/17-3	Lab	LCS, RPD	12/28/2016	Organic	1,3-Dichlorobenzene	n/a	=	11	%	EPA 625	-88	-88	0	30	
2016/17-3	Lab	method blank	12/30/2016	Organic	1,3-Dichlorobenzene	n/a	<	0.53	µg/L	EPA 625	0.53	1			
2016/17-3	Lab	LCS	12/30/2016	Organic	1,3-Dichlorobenzene	n/a	=	20.3	µg/L	EPA 625	0.53	1			
2016/17-3	Lab	LCS, rec	12/30/2016	Organic	1,3-Dichlorobenzene	n/a	=	81	%	EPA 625	-88	-88	0.1	172	
2016/17-3	Lab	LCS dup	12/30/2016	Organic	1,3-Dichlorobenzene	n/a	=	21.7	µg/L	EPA 625	0.53	1			
2016/17-3	Lab	LCS dup, rec	12/30/2016	Organic	1,3-Dichlorobenzene	n/a	=	87	%	EPA 625	-88	-88	0.1	172	
2016/17-3	Lab	LCS, RPD	12/30/2016	Organic	1,3-Dichlorobenzene	n/a	=	6	%	EPA 625	-88	-88	0	30	
2016/17-3	000NONPJ	srgt matrix spike	12/22/2016	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	0.418	µg/L	EPA 525.2m	-88	-88			
2016/17-3	000NONPJ	srgt matrix spike, rec	12/22/2016	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	84	%	EPA 525.2m	-88	-88	76	128	
2016/17-3	000NONPJ	srgt matrix spike dup	12/22/2016	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	0.373	µg/L	EPA 525.2m	-88	-88			GN
2016/17-3	000NONPJ	srgt matrix spike dup, rec	12/22/2016	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	75	%	EPA 525.2m	-88	-88	76	128	GN
2016/17-3	000NONPJ	srgt matrix spike	12/30/2016	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	0.472	µg/L	EPA 525.2m	-88	-88			
2016/17-3	000NONPJ	srgt matrix spike, rec	12/30/2016	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	94	%	EPA 525.2m	-88	-88	76	128	
2016/17-3	000NONPJ	srgt matrix spike dup	12/30/2016	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	0.439	µg/L	EPA 525.2m	-88	-88			
2016/17-3	000NONPJ	srgt matrix spike dup, rec	12/30/2016	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	88	%	EPA 525.2m	-88	-88	76	128	
2016/17-3	Lab	srgt method blank	12/22/2016	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	0.392	µg/L	EPA 525.2m	-88	-88			
2016/17-3	Lab	srgt method blank, rec	12/22/2016	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	78	%	EPA 525.2m	-88	-88	76	128	
2016/17-3	Lab	srgt LCS	12/22/2016	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	0.39	µg/L	EPA 525.2m	-88	-88			
2016/17-3	Lab	srgt LCS, rec	12/22/2016	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	78	%	EPA 525.2m	-88	-88	76	128	
2016/17-3	Lab	srgt method blank	12/27/2016	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	4.68	µg/L	EPA 525.2	-88	-88			
2016/17-3	Lab	srgt method blank, rec	12/27/2016	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	94	%	EPA 525.2	-88	-88	73	138	
2016/17-3	Lab	srgt LCS	12/27/2016	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	4.57	µg/L	EPA 525.2	-88	-88			
2016/17-3	Lab	srgt LCS, rec	12/27/2016	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	91	%	EPA 525.2	-88	-88	73	138	
2016/17-3	Lab	srgt LCS dup	12/27/2016	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	5.02	µg/L	EPA 525.2	-88	-88			
2016/17-3	Lab	srgt LCS dup, rec	12/27/2016	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	100	%	EPA 525.2	-88	-88	73	138	
2016/17-3	Lab	srgt method blank	12/28/2016	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	4.76	µg/L	EPA 525.2	-88	-88			
2016/17-3	Lab	srgt method blank, rec	12/28/2016	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	95	%	EPA 525.2	-88	-88	73	138	

Appendix F
Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2016/17-3	Lab	srgt LCS	12/28/2016	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	4.66	µg/L	EPA 525.2	-88	-88			
2016/17-3	Lab	srgt LCS, rec	12/28/2016	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	93	%	EPA 525.2	-88	-88	73	138	
2016/17-3	Lab	srgt LCS dup	12/28/2016	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	5.01	µg/L	EPA 525.2	-88	-88			
2016/17-3	Lab	srgt LCS dup, rec	12/28/2016	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	100	%	EPA 525.2	-88	-88	73	138	
2016/17-3	Lab	srgt method blank	12/30/2016	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	0.401	µg/L	EPA 525.2m	-88	-88			
2016/17-3	Lab	srgt method blank, rec	12/30/2016	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	80	%	EPA 525.2m	-88	-88	76	128	
2016/17-3	Lab	srgt LCS	12/30/2016	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	0.389	µg/L	EPA 525.2m	-88	-88			
2016/17-3	Lab	srgt LCS, rec	12/30/2016	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	78	%	EPA 525.2m	-88	-88	76	128	
2016/17-3	ME-CC	srgt environ	12/27/2016	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	5.32	µg/L	EPA 525.2	-88	-88			
2016/17-3	ME-CC	srgt environ, rec	12/27/2016	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	106	%	EPA 525.2	-88	-88	73	138	
2016/17-3	ME-CC	srgt environ	12/30/2016	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	0.428	µg/L	EPA 525.2m	-88	-88			
2016/17-3	ME-CC	srgt environ, rec	12/30/2016	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	86	%	EPA 525.2m	-88	-88	76	128	
2016/17-3	ME-VR2	srgt environ	12/27/2016	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	5.38	µg/L	EPA 525.2	-88	-88			
2016/17-3	ME-VR2	srgt environ, rec	12/27/2016	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	108	%	EPA 525.2	-88	-88	73	138	
2016/17-3	ME-VR2	srgt environ	12/30/2016	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	0.397	µg/L	EPA 525.2m	-88	-88			
2016/17-3	ME-VR2	srgt environ, rec	12/30/2016	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	79	%	EPA 525.2m	-88	-88	76	128	
2016/17-3	MO-CAM	srgt environ	12/22/2016	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	0.392	µg/L	EPA 525.2m	-88	-88			
2016/17-3	MO-CAM	srgt environ, rec	12/22/2016	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	78	%	EPA 525.2m	-88	-88	76	128	
2016/17-3	MO-CAM	srgt environ	12/27/2016	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	5.09	µg/L	EPA 525.2	-88	-88			
2016/17-3	MO-CAM	srgt environ, rec	12/27/2016	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	102	%	EPA 525.2	-88	-88	73	138	
2016/17-3	MO-FIL	srgt environ	12/22/2016	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	0.385	µg/L	EPA 525.2m	-88	-88			
2016/17-3	MO-FIL	srgt environ, rec	12/22/2016	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	77	%	EPA 525.2m	-88	-88	76	128	
2016/17-3	MO-FIL	srgt environ	12/27/2016	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	5.23	µg/L	EPA 525.2	-88	-88			
2016/17-3	MO-FIL	srgt environ, rec	12/27/2016	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	105	%	EPA 525.2	-88	-88	73	138	
2016/17-3	MO-HUE	srgt environ	12/22/2016	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	0.514	µg/L	EPA 525.2m	-88	-88			
2016/17-3	MO-HUE	srgt environ, rec	12/22/2016	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	103	%	EPA 525.2m	-88	-88	76	128	
2016/17-3	MO-HUE	srgt environ	12/27/2016	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	5.42	µg/L	EPA 525.2	-88	-88			
2016/17-3	MO-HUE	srgt environ, rec	12/27/2016	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	108	%	EPA 525.2	-88	-88	73	138	
2016/17-3	MO-MEI	srgt environ	12/22/2016	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	0.367	µg/L	EPA 525.2m	-88	-88			GN
2016/17-3	MO-MEI	srgt environ, rec	12/22/2016	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	73	%	EPA 525.2m	-88	-88	76	128	GN
2016/17-3	MO-MEI	srgt environ	12/27/2016	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	5.16	µg/L	EPA 525.2	-88	-88			
2016/17-3	MO-MEI	srgt environ, rec	12/27/2016	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	103	%	EPA 525.2	-88	-88	73	138	
2016/17-3	MO-MPK	srgt environ	12/22/2016	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	0.386	µg/L	EPA 525.2m	-88	-88			
2016/17-3	MO-MPK	srgt environ, rec	12/22/2016	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	77	%	EPA 525.2m	-88	-88	76	128	
2016/17-3	MO-MPK	srgt environ	12/27/2016	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	5.24	µg/L	EPA 525.2	-88	-88			
2016/17-3	MO-MPK	srgt environ, rec	12/27/2016	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	105	%	EPA 525.2	-88	-88	73	138	
2016/17-3	MO-OJA	srgt environ	12/22/2016	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	0.371	µg/L	EPA 525.2m	-88	-88			GN
2016/17-3	MO-OJA	srgt environ, rec	12/22/2016	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	74	%	EPA 525.2m	-88	-88	76	128	GN
2016/17-3	MO-OJA	srgt environ	12/27/2016	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	4.86	µg/L	EPA 525.2	-88	-88			
2016/17-3	MO-OJA	srgt environ, rec	12/27/2016	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	97	%	EPA 525.2	-88	-88	73	138	
2016/17-3	MO-OXN	srgt environ	12/22/2016	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	0.375	µg/L	EPA 525.2m	-88	-88			GN
2016/17-3	MO-OXN	srgt environ, rec	12/22/2016	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	75	%	EPA 525.2m	-88	-88	76	128	GN
2016/17-3	MO-OXN	srgt environ	12/28/2016	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	4.99	µg/L	EPA 525.2	-88	-88			
2016/17-3	MO-OXN	srgt environ, rec	12/28/2016	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	100	%	EPA 525.2	-88	-88	73	138	
2016/17-3	MO-SIM	srgt environ	12/22/2016	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	0.342	µg/L	EPA 525.2m	-88	-88			GN
2016/17-3	MO-SIM	srgt environ, rec	12/22/2016	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	68	%	EPA 525.2m	-88	-88	76	128	GN
2016/17-3	MO-SIM	srgt environ	12/27/2016	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	5.57	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	
2016/17-3	MO-SIM	srgt environ, rec	12/27/2016	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	111	%	EPA 525.2	-88	-88	73	138	
2016/17-3	MO-SPA	srgt environ	12/22/2016	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	0.326	µg/L	EPA 525.2m	-88	-88			GN
2016/17-3	MO-SPA	srgt environ, rec	12/22/2016	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	65	%	EPA 525.2m	-88	-88	76	128	GN
2016/17-3	MO-SPA	srgt environ	12/28/2016	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	4.74	µg/L	EPA 525.2	-88	-88			
2016/17-3	MO-SPA	srgt environ, rec	12/28/2016	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	95	%	EPA 525.2	-88	-88	73	138	
2016/17-3	MO-THO	srgt environ	12/22/2016	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	0.395	µg/L	EPA 525.2m	-88	-88			
2016/17-3	MO-THO	srgt environ, rec	12/22/2016	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	79	%	EPA 525.2m	-88	-88	76	128	
2016/17-3	MO-THO	srgt environ	12/27/2016	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	4.96	µg/L	EPA 525.2	-88	-88			
2016/17-3	MO-THO	srgt environ, rec	12/27/2016	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	99	%	EPA 525.2	-88	-88	73	138	
2016/17-3	MO-VEN	srgt environ	12/22/2016	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	0.348	µg/L	EPA 525.2m	-88	-88			GN
2016/17-3	MO-VEN	srgt environ, rec	12/22/2016	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	70	%	EPA 525.2m	-88	-88	76	128	GN
2016/17-3	MO-VEN	srgt environ	12/27/2016	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	5.36	µg/L	EPA 525.2	-88	-88			
2016/17-3	MO-VEN	srgt environ, rec	12/27/2016	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	107	%	EPA 525.2	-88	-88	73	138	
2016/17-3	Lab	method blank	12/28/2016	Organic	1,4-Dichlorobenzene	n/a	<	0.55	µg/L	EPA 625	0.55	1			
2016/17-3	Lab	LCS	12/28/2016	Organic	1,4-Dichlorobenzene	n/a	=	20.4	µg/L	EPA 625	0.55	1			
2016/17-3	Lab	LCS, rec	12/28/2016	Organic	1,4-Dichlorobenzene	n/a	=	82	%	EPA 625	-88	-88	20	124	
2016/17-3	Lab	LCS dup	12/28/2016	Organic	1,4-Dichlorobenzene	n/a	=	22.4	µg/L	EPA 625	0.55	1			
2016/17-3	Lab	LCS dup, rec	12/28/2016	Organic	1,4-Dichlorobenzene	n/a	=	90	%	EPA 625	-88	-88	20	124	
2016/17-3	Lab	LCS, RPD	12/28/2016	Organic	1,4-Dichlorobenzene	n/a	=	9	%	EPA 625	-88	-88	0	30	
2016/17-3	Lab	method blank	12/30/2016	Organic	1,4-Dichlorobenzene	n/a	<	0.55	µg/L	EPA 625	0.55	1			
2016/17-3	Lab	LCS	12/30/2016	Organic	1,4-Dichlorobenzene	n/a	=	20.8	µg/L	EPA 625	0.55	1			
2016/17-3	Lab	LCS, rec	12/30/2016	Organic	1,4-Dichlorobenzene	n/a	=	83	%	EPA 625	-88	-88	20	124	
2016/17-3	Lab	LCS dup	12/30/2016	Organic	1,4-Dichlorobenzene	n/a	=	22.8	µg/L	EPA 625	0.55	1			
2016/17-3	Lab	LCS dup, rec	12/30/2016	Organic	1,4-Dichlorobenzene	n/a	=	91	%	EPA 625	-88	-88	20	124	
2016/17-3	Lab	LCS, RPD	12/30/2016	Organic	1,4-Dichlorobenzene	n/a	=	9	%	EPA 625	-88	-88	0	30	
2016/17-3	Lab	method blank	1/9/2017	Organic	1-Methylnaphthalene	n/a	<	0.1	µg/L	EPA 8270C	0.1	0.1			
2016/17-3	Lab	method blank	1/10/2017	Organic	2,4,5-Trichlorophenol	n/a	<	0.29	µg/L	EPA 8270C	0.29	1			
2016/17-3	Lab	srgt method blank	12/28/2016	Organic	2,4,6-Tribromophenol	n/a	=	43.7	µg/L	EPA 625	-88	-88			
2016/17-3	Lab	srgt method blank, rec	12/28/2016	Organic	2,4,6-Tribromophenol	n/a	=	87	%	EPA 625	-88	-88	25	102	
2016/17-3	Lab	srgt LCS	12/28/2016	Organic	2,4,6-Tribromophenol	n/a	=	43	µg/L	EPA 625	-88	-88			
2016/17-3	Lab	srgt LCS, rec	12/28/2016	Organic	2,4,6-Tribromophenol	n/a	=	86	%	EPA 625	-88	-88	25	102	
2016/17-3	Lab	srgt LCS dup	12/28/2016	Organic	2,4,6-Tribromophenol	n/a	=	49	µg/L	EPA 625	-88	-88			
2016/17-3	Lab	srgt LCS dup, rec	12/28/2016	Organic	2,4,6-Tribromophenol	n/a	=	98	%	EPA 625	-88	-88	25	102	
2016/17-3	Lab	srgt method blank	12/30/2016	Organic	2,4,6-Tribromophenol	n/a	=	37.3	µg/L	EPA 625	-88	-88			
2016/17-3	Lab	srgt method blank, rec	12/30/2016	Organic	2,4,6-Tribromophenol	n/a	=	75	%	EPA 625	-88	-88	25	102	
2016/17-3	Lab	srgt LCS	12/30/2016	Organic	2,4,6-Tribromophenol	n/a	=	41.3	µg/L	EPA 625	-88	-88			
2016/17-3	Lab	srgt LCS, rec	12/30/2016	Organic	2,4,6-Tribromophenol	n/a	=	83	%	EPA 625	-88	-88	25	102	
2016/17-3	Lab	srgt LCS dup	12/30/2016	Organic	2,4,6-Tribromophenol	n/a	=	42.7	µg/L	EPA 625	-88	-88			
2016/17-3	Lab	srgt LCS dup, rec	12/30/2016	Organic	2,4,6-Tribromophenol	n/a	=	85	%	EPA 625	-88	-88	25	102	
2016/17-3	Lab	srgt method blank	1/5/2017	Organic	2,4,6-Tribromophenol	n/a	=	40.8	µg/L	EPA 625	-88	-88			
2016/17-3	Lab	srgt method blank, rec	1/5/2017	Organic	2,4,6-Tribromophenol	n/a	=	82	%	EPA 625	-88	-88	25	102	
2016/17-3	Lab	srgt LCS	1/5/2017	Organic	2,4,6-Tribromophenol	n/a	=	41.4	µg/L	EPA 625	-88	-88			
2016/17-3	Lab	srgt LCS, rec	1/5/2017	Organic	2,4,6-Tribromophenol	n/a	=	83	%	EPA 625	-88	-88	25	102	
2016/17-3	Lab	srgt LCS dup	1/5/2017	Organic	2,4,6-Tribromophenol	n/a	=	44.1	µg/L	EPA 625	-88	-88			
2016/17-3	Lab	srgt LCS dup, rec	1/5/2017	Organic	2,4,6-Tribromophenol	n/a	=	88	%	EPA 625	-88	-88	25	102	
2016/17-3	Lab	srgt method blank	1/10/2017	Organic	2,4,6-Tribromophenol	n/a	=	6.51	µg/L	EPA 8270C	-88	-88			
2016/17-3	Lab	srgt method blank, rec	1/10/2017	Organic	2,4,6-Tribromophenol	n/a	=	65	%	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	
2016/17-3	Lab	srgt LCS	1/10/2017	Organic	2,4,6-Tribromophenol	n/a	=	8.67	µg/L	EPA 8270C	-88	-88			
2016/17-3	Lab	srgt LCS, rec	1/10/2017	Organic	2,4,6-Tribromophenol	n/a	=	87	%	EPA 8270C	-88	-88	26	117	
2016/17-3	Lab	srgt LCS dup	1/10/2017	Organic	2,4,6-Tribromophenol	n/a	=	8.88	µg/L	EPA 8270C	-88	-88			
2016/17-3	Lab	srgt LCS dup, rec	1/10/2017	Organic	2,4,6-Tribromophenol	n/a	=	89	%	EPA 8270C	-88	-88	26	117	
2016/17-3	ME-CC	srgt environ	12/28/2016	Organic	2,4,6-Tribromophenol	n/a	=	40.5	µg/L	EPA 625	-88	-88			
2016/17-3	ME-CC	srgt environ, rec	12/28/2016	Organic	2,4,6-Tribromophenol	n/a	=	81	%	EPA 625	-88	-88	25	102	
2016/17-3	ME-CC	srgt environ	1/10/2017	Organic	2,4,6-Tribromophenol	n/a	=	5.36	µg/L	EPA 8270C	-88	-88			
2016/17-3	ME-CC	srgt environ, rec	1/10/2017	Organic	2,4,6-Tribromophenol	n/a	=	54	%	EPA 8270C	-88	-88	26	117	
2016/17-3	ME-VR2	srgt environ	12/28/2016	Organic	2,4,6-Tribromophenol	n/a	=	44.1	µg/L	EPA 625	-88	-88			
2016/17-3	ME-VR2	srgt environ, rec	12/28/2016	Organic	2,4,6-Tribromophenol	n/a	=	88	%	EPA 625	-88	-88	25	102	
2016/17-3	ME-VR2	srgt environ	1/10/2017	Organic	2,4,6-Tribromophenol	n/a	=	8.86	µg/L	EPA 8270C	-88	-88			
2016/17-3	ME-VR2	srgt environ, rec	1/10/2017	Organic	2,4,6-Tribromophenol	n/a	=	89	%	EPA 8270C	-88	-88	26	117	
2016/17-3	MO-CAM	srgt environ	12/28/2016	Organic	2,4,6-Tribromophenol	n/a	=	8.92	µg/L	EPA 625	-88	-88			GN
2016/17-3	MO-CAM	srgt environ, rec	12/28/2016	Organic	2,4,6-Tribromophenol	n/a	=	18	%	EPA 625	-88	-88	25	102	GN
2016/17-3	MO-CAM	srgt environ	1/10/2017	Organic	2,4,6-Tribromophenol	n/a	=	7.15	µg/L	EPA 8270C	-88	-88			
2016/17-3	MO-CAM	srgt environ, rec	1/10/2017	Organic	2,4,6-Tribromophenol	n/a	=	72	%	EPA 8270C	-88	-88	26	117	
2016/17-3	MO-FIL	srgt environ	12/28/2016	Organic	2,4,6-Tribromophenol	n/a	=	44.9	µg/L	EPA 625	-88	-88			
2016/17-3	MO-FIL	srgt environ, rec	12/28/2016	Organic	2,4,6-Tribromophenol	n/a	=	90	%	EPA 625	-88	-88	25	102	
2016/17-3	MO-FIL	srgt environ	1/10/2017	Organic	2,4,6-Tribromophenol	n/a	=	7.9	µg/L	EPA 8270C	-88	-88			
2016/17-3	MO-FIL	srgt environ, rec	1/10/2017	Organic	2,4,6-Tribromophenol	n/a	=	79	%	EPA 8270C	-88	-88	26	117	
2016/17-3	MO-HUE	srgt environ	12/30/2016	Organic	2,4,6-Tribromophenol	n/a	=	37.2	µg/L	EPA 625	-88	-88			
2016/17-3	MO-HUE	srgt environ, rec	12/30/2016	Organic	2,4,6-Tribromophenol	n/a	=	74	%	EPA 625	-88	-88	25	102	
2016/17-3	MO-HUE	srgt environ	1/10/2017	Organic	2,4,6-Tribromophenol	n/a	=	7.83	µg/L	EPA 8270C	-88	-88			
2016/17-3	MO-HUE	srgt environ, rec	1/10/2017	Organic	2,4,6-Tribromophenol	n/a	=	78	%	EPA 8270C	-88	-88	26	117	
2016/17-3	MO-MEI	srgt environ	12/28/2016	Organic	2,4,6-Tribromophenol	n/a	=	37.8	µg/L	EPA 625	-88	-88			
2016/17-3	MO-MEI	srgt environ, rec	12/28/2016	Organic	2,4,6-Tribromophenol	n/a	=	76	%	EPA 625	-88	-88	25	102	
2016/17-3	MO-MEI	srgt environ	1/10/2017	Organic	2,4,6-Tribromophenol	n/a	=	5.8	µg/L	EPA 8270C	-88	-88			
2016/17-3	MO-MEI	srgt environ, rec	1/10/2017	Organic	2,4,6-Tribromophenol	n/a	=	58	%	EPA 8270C	-88	-88	26	117	
2016/17-3	MO-MPK	srgt environ	12/28/2016	Organic	2,4,6-Tribromophenol	n/a	=	41.1	µg/L	EPA 625	-88	-88			
2016/17-3	MO-MPK	srgt environ, rec	12/28/2016	Organic	2,4,6-Tribromophenol	n/a	=	82	%	EPA 625	-88	-88	25	102	
2016/17-3	MO-MPK	srgt environ	1/10/2017	Organic	2,4,6-Tribromophenol	n/a	=	9.41	µg/L	EPA 8270C	-88	-88			
2016/17-3	MO-MPK	srgt environ, rec	1/10/2017	Organic	2,4,6-Tribromophenol	n/a	=	94	%	EPA 8270C	-88	-88	26	117	
2016/17-3	MO-OJA	srgt environ	12/28/2016	Organic	2,4,6-Tribromophenol	n/a	=	46	µg/L	EPA 625	-88	-88			
2016/17-3	MO-OJA	srgt environ, rec	12/28/2016	Organic	2,4,6-Tribromophenol	n/a	=	92	%	EPA 625	-88	-88	25	102	
2016/17-3	MO-OJA	srgt environ	1/10/2017	Organic	2,4,6-Tribromophenol	n/a	=	5.9	µg/L	EPA 8270C	-88	-88			
2016/17-3	MO-OJA	srgt environ, rec	1/10/2017	Organic	2,4,6-Tribromophenol	n/a	=	59	%	EPA 8270C	-88	-88	26	117	
2016/17-3	MO-OXN	srgt environ	12/30/2016	Organic	2,4,6-Tribromophenol	n/a	=	36	µg/L	EPA 625	-88	-88			
2016/17-3	MO-OXN	srgt environ, rec	12/30/2016	Organic	2,4,6-Tribromophenol	n/a	=	72	%	EPA 625	-88	-88	25	102	
2016/17-3	MO-OXN	srgt environ	1/10/2017	Organic	2,4,6-Tribromophenol	n/a	=	7.5	µg/L	EPA 8270C	-88	-88			
2016/17-3	MO-OXN	srgt environ, rec	1/10/2017	Organic	2,4,6-Tribromophenol	n/a	=	75	%	EPA 8270C	-88	-88	26	117	
2016/17-3	MO-SIM	srgt environ	12/28/2016	Organic	2,4,6-Tribromophenol	n/a	=	40.7	µg/L	EPA 625	-88	-88			
2016/17-3	MO-SIM	srgt environ, rec	12/28/2016	Organic	2,4,6-Tribromophenol	n/a	=	81	%	EPA 625	-88	-88	25	102	
2016/17-3	MO-SIM	srgt environ	1/10/2017	Organic	2,4,6-Tribromophenol	n/a	=	9.28	µg/L	EPA 8270C	-88	-88			
2016/17-3	MO-SIM	srgt environ, rec	1/10/2017	Organic	2,4,6-Tribromophenol	n/a	=	93	%	EPA 8270C	-88	-88	26	117	
2016/17-3	MO-SPA	srgt environ	12/28/2016	Organic	2,4,6-Tribromophenol	n/a	=	46.1	µg/L	EPA 625	-88	-88			
2016/17-3	MO-SPA	srgt environ, rec	12/28/2016	Organic	2,4,6-Tribromophenol	n/a	=	92	%	EPA 625	-88	-88	25	102	
2016/17-3	MO-SPA	srgt environ	1/10/2017	Organic	2,4,6-Tribromophenol	n/a	=	7.35	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	
2016/17-3	MO-SPA	srgt environ, rec	1/10/2017	Organic	2,4,6-Tribromophenol	n/a	=	74	%	EPA 8270C	-88	-88	26	117	
2016/17-3	MO-THO	srgt environ	12/30/2016	Organic	2,4,6-Tribromophenol	n/a	=	37.5	µg/L	EPA 625	-88	-88			
2016/17-3	MO-THO	srgt environ, rec	12/30/2016	Organic	2,4,6-Tribromophenol	n/a	=	75	%	EPA 625	-88	-88	25	102	
2016/17-3	MO-THO	srgt environ	1/10/2017	Organic	2,4,6-Tribromophenol	n/a	=	8.45	µg/L	EPA 8270C	-88	-88			
2016/17-3	MO-THO	srgt environ, rec	1/10/2017	Organic	2,4,6-Tribromophenol	n/a	=	84	%	EPA 8270C	-88	-88	26	117	
2016/17-3	MO-VEN	srgt environ	12/28/2016	Organic	2,4,6-Tribromophenol	n/a	=	44.8	µg/L	EPA 625	-88	-88			
2016/17-3	MO-VEN	srgt environ, rec	12/28/2016	Organic	2,4,6-Tribromophenol	n/a	=	90	%	EPA 625	-88	-88	25	102	
2016/17-3	MO-VEN	srgt environ	1/10/2017	Organic	2,4,6-Tribromophenol	n/a	=	7.95	µg/L	EPA 8270C	-88	-88			
2016/17-3	MO-VEN	srgt environ, rec	1/10/2017	Organic	2,4,6-Tribromophenol	n/a	=	80	%	EPA 8270C	-88	-88	26	117	
2016/17-3	Lab	method blank	12/28/2016	Organic	2,4,6-Trichlorophenol	n/a	<	0.22	µg/L	EPA 625	0.22	1			
2016/17-3	Lab	LCS	12/28/2016	Organic	2,4,6-Trichlorophenol	n/a	=	22.3	µg/L	EPA 625	0.22	1			
2016/17-3	Lab	LCS, rec	12/28/2016	Organic	2,4,6-Trichlorophenol	n/a	=	89	%	EPA 625	-88	-88	37	144	
2016/17-3	Lab	LCS dup	12/28/2016	Organic	2,4,6-Trichlorophenol	n/a	=	26.3	µg/L	EPA 625	0.22	1			
2016/17-3	Lab	LCS dup, rec	12/28/2016	Organic	2,4,6-Trichlorophenol	n/a	=	105	%	EPA 625	-88	-88	37	144	
2016/17-3	Lab	LCS, RPD	12/28/2016	Organic	2,4,6-Trichlorophenol	n/a	=	16	%	EPA 625	-88	-88	0	30	
2016/17-3	Lab	method blank	12/30/2016	Organic	2,4,6-Trichlorophenol	n/a	<	0.22	µg/L	EPA 625	0.22	1			
2016/17-3	Lab	LCS	12/30/2016	Organic	2,4,6-Trichlorophenol	n/a	=	23.5	µg/L	EPA 625	0.22	1			
2016/17-3	Lab	LCS, rec	12/30/2016	Organic	2,4,6-Trichlorophenol	n/a	=	94	%	EPA 625	-88	-88	37	144	
2016/17-3	Lab	LCS dup	12/30/2016	Organic	2,4,6-Trichlorophenol	n/a	=	24.8	µg/L	EPA 625	0.22	1			
2016/17-3	Lab	LCS dup, rec	12/30/2016	Organic	2,4,6-Trichlorophenol	n/a	=	99	%	EPA 625	-88	-88	37	144	
2016/17-3	Lab	LCS, RPD	12/30/2016	Organic	2,4,6-Trichlorophenol	n/a	=	5	%	EPA 625	-88	-88	0	30	
2016/17-3	Lab	method blank	1/10/2017	Organic	2,4,6-Trichlorophenol	n/a	<	0.3	µg/L	EPA 8270C	0.3	1			
2016/17-3	Lab	LCS	1/10/2017	Organic	2,4,6-Trichlorophenol	n/a	=	9.53	µg/L	EPA 8270C	0.3	1			
2016/17-3	Lab	LCS, rec	1/10/2017	Organic	2,4,6-Trichlorophenol	n/a	=	95	%	EPA 8270C	-88	-88	30	115	
2016/17-3	Lab	LCS dup	1/10/2017	Organic	2,4,6-Trichlorophenol	n/a	=	10	µg/L	EPA 8270C	0.3	1			
2016/17-3	Lab	LCS dup, rec	1/10/2017	Organic	2,4,6-Trichlorophenol	n/a	=	100	%	EPA 8270C	-88	-88	30	115	
2016/17-3	Lab	LCS, RPD	1/10/2017	Organic	2,4,6-Trichlorophenol	n/a	=	5	%	EPA 8270C	-88	-88	0	30	
2016/17-3	Lab	method blank	12/28/2016	Organic	2,4-Dichlorophenol	n/a	<	0.26	µg/L	EPA 625	0.26	1			
2016/17-3	Lab	LCS	12/28/2016	Organic	2,4-Dichlorophenol	n/a	=	21	µg/L	EPA 625	0.26	1			
2016/17-3	Lab	LCS, rec	12/28/2016	Organic	2,4-Dichlorophenol	n/a	=	84	%	EPA 625	-88	-88	39	135	
2016/17-3	Lab	LCS dup	12/28/2016	Organic	2,4-Dichlorophenol	n/a	=	25	µg/L	EPA 625	0.26	1			
2016/17-3	Lab	LCS dup, rec	12/28/2016	Organic	2,4-Dichlorophenol	n/a	=	100	%	EPA 625	-88	-88	39	135	
2016/17-3	Lab	LCS, RPD	12/28/2016	Organic	2,4-Dichlorophenol	n/a	=	18	%	EPA 625	-88	-88	0	30	
2016/17-3	Lab	method blank	12/30/2016	Organic	2,4-Dichlorophenol	n/a	<	0.26	µg/L	EPA 625	0.26	1			
2016/17-3	Lab	LCS	12/30/2016	Organic	2,4-Dichlorophenol	n/a	=	22.7	µg/L	EPA 625	0.26	1			
2016/17-3	Lab	LCS, rec	12/30/2016	Organic	2,4-Dichlorophenol	n/a	=	91	%	EPA 625	-88	-88	39	135	
2016/17-3	Lab	LCS dup	12/30/2016	Organic	2,4-Dichlorophenol	n/a	=	23.5	µg/L	EPA 625	0.26	1			
2016/17-3	Lab	LCS dup, rec	12/30/2016	Organic	2,4-Dichlorophenol	n/a	=	94	%	EPA 625	-88	-88	39	135	
2016/17-3	Lab	LCS, RPD	12/30/2016	Organic	2,4-Dichlorophenol	n/a	=	4	%	EPA 625	-88	-88	0	30	
2016/17-3	Lab	method blank	1/10/2017	Organic	2,4-Dichlorophenol	n/a	<	0.51	µg/L	EPA 8270C	0.51	1			
2016/17-3	Lab	LCS	1/10/2017	Organic	2,4-Dichlorophenol	n/a	=	8.51	µg/L	EPA 8270C	0.51	1			
2016/17-3	Lab	LCS, rec	1/10/2017	Organic	2,4-Dichlorophenol	n/a	=	85	%	EPA 8270C	-88	-88	32	105	
2016/17-3	Lab	LCS dup	1/10/2017	Organic	2,4-Dichlorophenol	n/a	=	8.94	µg/L	EPA 8270C	0.51	1			
2016/17-3	Lab	LCS dup, rec	1/10/2017	Organic	2,4-Dichlorophenol	n/a	=	89	%	EPA 8270C	-88	-88	32	105	
2016/17-3	Lab	LCS, RPD	1/10/2017	Organic	2,4-Dichlorophenol	n/a	=	5	%	EPA 8270C	-88	-88	0	30	
2016/17-3	000NONPJ	srgt matrix spike	12/30/2016	Organic	2,4-Dichlorophenylacetic acid	n/a	=	10.4	µg/L	EPA 515.3	-88	-88			
2016/17-3	000NONPJ	srgt matrix spike, rec	12/30/2016	Organic	2,4-Dichlorophenylacetic acid	n/a	=	104	%	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	
2016/17-3	000NONPJ	srgt matrix spike dup	12/30/2016	Organic	2,4-Dichlorophenylacetic acid	n/a	=	10.4	µg/L	EPA 515.3	-88	-88			
2016/17-3	000NONPJ	srgt matrix spike dup, rec	12/30/2016	Organic	2,4-Dichlorophenylacetic acid	n/a	=	104	%	EPA 515.3	-88	-88	70	130	
2016/17-3	000NONPJ	srgt matrix spike	12/30/2016	Organic	2,4-Dichlorophenylacetic acid	n/a	=	10.3	µg/L	EPA 515.3	-88	-88			
2016/17-3	000NONPJ	srgt matrix spike, rec	12/30/2016	Organic	2,4-Dichlorophenylacetic acid	n/a	=	103	%	EPA 515.3	-88	-88	70	130	
2016/17-3	000NONPJ	srgt matrix spike dup	12/30/2016	Organic	2,4-Dichlorophenylacetic acid	n/a	=	10.5	µg/L	EPA 515.3	-88	-88			
2016/17-3	000NONPJ	srgt matrix spike dup, rec	12/30/2016	Organic	2,4-Dichlorophenylacetic acid	n/a	=	105	%	EPA 515.3	-88	-88	70	130	
2016/17-3	Lab	srgt method blank	12/30/2016	Organic	2,4-Dichlorophenylacetic acid	n/a	=	9.82	µg/L	EPA 515.3	-88	-88			
2016/17-3	Lab	srgt method blank, rec	12/30/2016	Organic	2,4-Dichlorophenylacetic acid	n/a	=	98	%	EPA 515.3	-88	-88	70	130	
2016/17-3	Lab	srgt LCS	12/30/2016	Organic	2,4-Dichlorophenylacetic acid	n/a	=	10.4	µg/L	EPA 515.3	-88	-88			
2016/17-3	Lab	srgt LCS, rec	12/30/2016	Organic	2,4-Dichlorophenylacetic acid	n/a	=	104	%	EPA 515.3	-88	-88	70	130	
2016/17-3	ME-CC	srgt environ	12/30/2016	Organic	2,4-Dichlorophenylacetic acid	n/a	=	9.85	µg/L	EPA 515.3	-88	-88			
2016/17-3	ME-CC	srgt environ, rec	12/30/2016	Organic	2,4-Dichlorophenylacetic acid	n/a	=	98	%	EPA 515.3	-88	-88	70	130	
2016/17-3	ME-VR2	srgt environ	12/30/2016	Organic	2,4-Dichlorophenylacetic acid	n/a	=	9.62	µg/L	EPA 515.3	-88	-88			
2016/17-3	ME-VR2	srgt environ, rec	12/30/2016	Organic	2,4-Dichlorophenylacetic acid	n/a	=	96	%	EPA 515.3	-88	-88	70	130	
2016/17-3	MO-CAM	srgt environ	12/31/2016	Organic	2,4-Dichlorophenylacetic acid	n/a	=	10.2	µg/L	EPA 515.3	-88	-88			
2016/17-3	MO-CAM	srgt environ, rec	12/31/2016	Organic	2,4-Dichlorophenylacetic acid	n/a	=	102	%	EPA 515.3	-88	-88	70	130	
2016/17-3	MO-FIL	srgt environ	12/31/2016	Organic	2,4-Dichlorophenylacetic acid	n/a	=	10.1	µg/L	EPA 515.3	-88	-88			
2016/17-3	MO-FIL	srgt environ, rec	12/31/2016	Organic	2,4-Dichlorophenylacetic acid	n/a	=	101	%	EPA 515.3	-88	-88	70	130	
2016/17-3	MO-HUE	srgt environ	12/31/2016	Organic	2,4-Dichlorophenylacetic acid	n/a	=	10.1	µg/L	EPA 515.3	-88	-88			
2016/17-3	MO-HUE	srgt environ, rec	12/31/2016	Organic	2,4-Dichlorophenylacetic acid	n/a	=	101	%	EPA 515.3	-88	-88	70	130	
2016/17-3	MO-MEI	srgt environ	12/31/2016	Organic	2,4-Dichlorophenylacetic acid	n/a	=	9.88	µg/L	EPA 515.3	-88	-88			
2016/17-3	MO-MEI	srgt environ, rec	12/31/2016	Organic	2,4-Dichlorophenylacetic acid	n/a	=	99	%	EPA 515.3	-88	-88	70	130	
2016/17-3	MO-MPK	srgt environ	12/31/2016	Organic	2,4-Dichlorophenylacetic acid	n/a	=	10.3	µg/L	EPA 515.3	-88	-88			
2016/17-3	MO-MPK	srgt environ, rec	12/31/2016	Organic	2,4-Dichlorophenylacetic acid	n/a	=	103	%	EPA 515.3	-88	-88	70	130	
2016/17-3	MO-OJA	srgt environ	12/31/2016	Organic	2,4-Dichlorophenylacetic acid	n/a	=	10.2	µg/L	EPA 515.3	-88	-88			
2016/17-3	MO-OJA	srgt environ, rec	12/31/2016	Organic	2,4-Dichlorophenylacetic acid	n/a	=	102	%	EPA 515.3	-88	-88	70	130	
2016/17-3	MO-OXN	srgt environ	12/31/2016	Organic	2,4-Dichlorophenylacetic acid	n/a	=	10.5	µg/L	EPA 515.3	-88	-88			
2016/17-3	MO-OXN	srgt environ, rec	12/31/2016	Organic	2,4-Dichlorophenylacetic acid	n/a	=	105	%	EPA 515.3	-88	-88	70	130	
2016/17-3	MO-SIM	srgt environ	12/31/2016	Organic	2,4-Dichlorophenylacetic acid	n/a	=	10.2	µg/L	EPA 515.3	-88	-88			
2016/17-3	MO-SIM	srgt environ, rec	12/31/2016	Organic	2,4-Dichlorophenylacetic acid	n/a	=	102	%	EPA 515.3	-88	-88	70	130	
2016/17-3	MO-SPA	srgt environ	12/31/2016	Organic	2,4-Dichlorophenylacetic acid	n/a	=	10.4	µg/L	EPA 515.3	-88	-88			
2016/17-3	MO-SPA	srgt environ, rec	12/31/2016	Organic	2,4-Dichlorophenylacetic acid	n/a	=	104	%	EPA 515.3	-88	-88	70	130	
2016/17-3	MO-THO	srgt environ	12/31/2016	Organic	2,4-Dichlorophenylacetic acid	n/a	=	10.4	µg/L	EPA 515.3	-88	-88			
2016/17-3	MO-THO	srgt environ, rec	12/31/2016	Organic	2,4-Dichlorophenylacetic acid	n/a	=	104	%	EPA 515.3	-88	-88	70	130	
2016/17-3	MO-VEN	srgt environ	12/31/2016	Organic	2,4-Dichlorophenylacetic acid	n/a	=	10.2	µg/L	EPA 515.3	-88	-88			
2016/17-3	MO-VEN	srgt environ, rec	12/31/2016	Organic	2,4-Dichlorophenylacetic acid	n/a	=	102	%	EPA 515.3	-88	-88	70	130	
2016/17-3	Lab	method blank	12/28/2016	Organic	2,4-Dimethylphenol	n/a	<	0.3	µg/L	EPA 625	0.3	1			
2016/17-3	Lab	LCS	12/28/2016	Organic	2,4-Dimethylphenol	n/a	=	14.9	µg/L	EPA 625	0.3	1			
2016/17-3	Lab	LCS, rec	12/28/2016	Organic	2,4-Dimethylphenol	n/a	=	59	%	EPA 625	-88	-88	32	119	
2016/17-3	Lab	LCS dup	12/28/2016	Organic	2,4-Dimethylphenol	n/a	=	14.6	µg/L	EPA 625	0.3	1			
2016/17-3	Lab	LCS dup, rec	12/28/2016	Organic	2,4-Dimethylphenol	n/a	=	58	%	EPA 625	-88	-88	32	119	
2016/17-3	Lab	LCS, RPD	12/28/2016	Organic	2,4-Dimethylphenol	n/a	=	2	%	EPA 625	-88	-88	0	30	
2016/17-3	Lab	method blank	12/30/2016	Organic	2,4-Dimethylphenol	n/a	<	0.3	µg/L	EPA 625	0.3	1			
2016/17-3	Lab	LCS	12/30/2016	Organic	2,4-Dimethylphenol	n/a	=	16.8	µg/L	EPA 625	0.3	1			
2016/17-3	Lab	LCS, rec	12/30/2016	Organic	2,4-Dimethylphenol	n/a	=	67	%	EPA 625	-88	-88	32	119	
2016/17-3	Lab	LCS dup	12/30/2016	Organic	2,4-Dimethylphenol	n/a	=	14.3	µg/L	EPA 625	0.3	1			
2016/17-3	Lab	LCS dup, rec	12/30/2016	Organic	2,4-Dimethylphenol	n/a	=	57	%	EPA 625	-88	-88	32	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	
2016/17-3	Lab	LCS, RPD	12/30/2016	Organic	2,4-Dimethylphenol	n/a	=	16	%	EPA 625	-88	-88	0	30	
2016/17-3	Lab	method blank	1/10/2017	Organic	2,4-Dimethylphenol	n/a	<	1	µg/L	EPA 8270C	1	2			
2016/17-3	Lab	LCS	1/10/2017	Organic	2,4-Dimethylphenol	n/a	=	6.16	µg/L	EPA 8270C	1	2			
2016/17-3	Lab	LCS, rec	1/10/2017	Organic	2,4-Dimethylphenol	n/a	=	62	%	EPA 8270C	-88	-88	31	97	
2016/17-3	Lab	LCS dup	1/10/2017	Organic	2,4-Dimethylphenol	n/a	=	5.69	µg/L	EPA 8270C	1	2			
2016/17-3	Lab	LCS dup, rec	1/10/2017	Organic	2,4-Dimethylphenol	n/a	=	57	%	EPA 8270C	-88	-88	31	97	
2016/17-3	Lab	LCS, RPD	1/10/2017	Organic	2,4-Dimethylphenol	n/a	=	8	%	EPA 8270C	-88	-88	0	30	
2016/17-3	Lab	method blank	12/28/2016	Organic	2,4-Dinitrophenol	n/a	<	1.6	µg/L	EPA 625	1.6	10			
2016/17-3	Lab	LCS	12/28/2016	Organic	2,4-Dinitrophenol	n/a	=	19.6	µg/L	EPA 625	1.6	10			
2016/17-3	Lab	LCS, rec	12/28/2016	Organic	2,4-Dinitrophenol	n/a	=	78	%	EPA 625	-88	-88	0.1	191	
2016/17-3	Lab	LCS dup	12/28/2016	Organic	2,4-Dinitrophenol	n/a	=	24.8	µg/L	EPA 625	1.6	10			
2016/17-3	Lab	LCS dup, rec	12/28/2016	Organic	2,4-Dinitrophenol	n/a	=	99	%	EPA 625	-88	-88	0.1	191	
2016/17-3	Lab	LCS, RPD	12/28/2016	Organic	2,4-Dinitrophenol	n/a	=	24	%	EPA 625	-88	-88	0	30	
2016/17-3	Lab	method blank	12/30/2016	Organic	2,4-Dinitrophenol	n/a	<	1.6	µg/L	EPA 625	1.6	10			
2016/17-3	Lab	LCS	12/30/2016	Organic	2,4-Dinitrophenol	n/a	=	16.7	µg/L	EPA 625	1.6	10			
2016/17-3	Lab	LCS, rec	12/30/2016	Organic	2,4-Dinitrophenol	n/a	=	67	%	EPA 625	-88	-88	0.1	191	
2016/17-3	Lab	LCS dup	12/30/2016	Organic	2,4-Dinitrophenol	n/a	=	20.6	µg/L	EPA 625	1.6	10			
2016/17-3	Lab	LCS dup, rec	12/30/2016	Organic	2,4-Dinitrophenol	n/a	=	82	%	EPA 625	-88	-88	0.1	191	
2016/17-3	Lab	LCS, RPD	12/30/2016	Organic	2,4-Dinitrophenol	n/a	=	21	%	EPA 625	-88	-88	0	30	
2016/17-3	Lab	method blank	1/10/2017	Organic	2,4-Dinitrophenol	n/a	<	1	µg/L	EPA 8270C	1	2			
2016/17-3	Lab	LCS	1/10/2017	Organic	2,4-Dinitrophenol	n/a	=	10.4	µg/L	EPA 8270C	1	2			
2016/17-3	Lab	LCS, rec	1/10/2017	Organic	2,4-Dinitrophenol	n/a	=	104	%	EPA 8270C	-88	-88	7	155	
2016/17-3	Lab	LCS dup	1/10/2017	Organic	2,4-Dinitrophenol	n/a	=	10.3	µg/L	EPA 8270C	1	2			
2016/17-3	Lab	LCS dup, rec	1/10/2017	Organic	2,4-Dinitrophenol	n/a	=	103	%	EPA 8270C	-88	-88	7	155	
2016/17-3	Lab	LCS, RPD	1/10/2017	Organic	2,4-Dinitrophenol	n/a	=	1	%	EPA 8270C	-88	-88	0	30	
2016/17-3	Lab	method blank	12/28/2016	Organic	2,4-Dinitrotoluene	n/a	<	0.18	µg/L	EPA 625	0.18	1			
2016/17-3	Lab	LCS	12/28/2016	Organic	2,4-Dinitrotoluene	n/a	=	21.8	µg/L	EPA 625	0.18	1			
2016/17-3	Lab	LCS, rec	12/28/2016	Organic	2,4-Dinitrotoluene	n/a	=	87	%	EPA 625	-88	-88	39	139	
2016/17-3	Lab	LCS dup	12/28/2016	Organic	2,4-Dinitrotoluene	n/a	=	25	µg/L	EPA 625	0.18	1			
2016/17-3	Lab	LCS dup, rec	12/28/2016	Organic	2,4-Dinitrotoluene	n/a	=	100	%	EPA 625	-88	-88	39	139	
2016/17-3	Lab	LCS, RPD	12/28/2016	Organic	2,4-Dinitrotoluene	n/a	=	14	%	EPA 625	-88	-88	0	30	
2016/17-3	Lab	method blank	12/30/2016	Organic	2,4-Dinitrotoluene	n/a	<	0.18	µg/L	EPA 625	0.18	1			
2016/17-3	Lab	LCS	12/30/2016	Organic	2,4-Dinitrotoluene	n/a	=	21.2	µg/L	EPA 625	0.18	1			
2016/17-3	Lab	LCS, rec	12/30/2016	Organic	2,4-Dinitrotoluene	n/a	=	85	%	EPA 625	-88	-88	39	139	
2016/17-3	Lab	LCS dup	12/30/2016	Organic	2,4-Dinitrotoluene	n/a	=	22.3	µg/L	EPA 625	0.18	1			
2016/17-3	Lab	LCS dup, rec	12/30/2016	Organic	2,4-Dinitrotoluene	n/a	=	89	%	EPA 625	-88	-88	39	139	
2016/17-3	Lab	LCS, RPD	12/30/2016	Organic	2,4-Dinitrotoluene	n/a	=	5	%	EPA 625	-88	-88	0	30	
2016/17-3	Lab	method blank	12/28/2016	Organic	2,6-Dinitrotoluene	n/a	<	0.27	µg/L	EPA 625	0.27	1			
2016/17-3	Lab	LCS	12/28/2016	Organic	2,6-Dinitrotoluene	n/a	=	21.8	µg/L	EPA 625	0.27	1			
2016/17-3	Lab	LCS, rec	12/28/2016	Organic	2,6-Dinitrotoluene	n/a	=	87	%	EPA 625	-88	-88	50	158	
2016/17-3	Lab	LCS dup	12/28/2016	Organic	2,6-Dinitrotoluene	n/a	=	25.4	µg/L	EPA 625	0.27	1			
2016/17-3	Lab	LCS dup, rec	12/28/2016	Organic	2,6-Dinitrotoluene	n/a	=	102	%	EPA 625	-88	-88	50	158	
2016/17-3	Lab	LCS, RPD	12/28/2016	Organic	2,6-Dinitrotoluene	n/a	=	15	%	EPA 625	-88	-88	0	30	
2016/17-3	Lab	method blank	12/30/2016	Organic	2,6-Dinitrotoluene	n/a	<	0.27	µg/L	EPA 625	0.27	1			
2016/17-3	Lab	LCS	12/30/2016	Organic	2,6-Dinitrotoluene	n/a	=	21.6	µg/L	EPA 625	0.27	1			
2016/17-3	Lab	LCS, rec	12/30/2016	Organic	2,6-Dinitrotoluene	n/a	=	86	%	EPA 625	-88	-88	50	158	
2016/17-3	Lab	LCS dup	12/30/2016	Organic	2,6-Dinitrotoluene	n/a	=	22.7	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	
2016/17-3	Lab	LCS dup, rec	12/30/2016	Organic	2,6-Dinitrotoluene	n/a	=	91	%	EPA 625	-88	-88	50	158	
2016/17-3	Lab	LCS, RPD	12/30/2016	Organic	2,6-Dinitrotoluene	n/a	=	5	%	EPA 625	-88	-88	0	30	
2016/17-3	000NONPJ	matrix spike	12/21/2016	Organic	2-Chloroethyl vinyl ether	n/a	=	37.3	µg/L	EPA 624	0.28	1			
2016/17-3	000NONPJ	matrix spike, rec	12/21/2016	Organic	2-Chloroethyl vinyl ether	n/a	=	75	%	EPA 624	-88	-88	0.1	305	
2016/17-3	000NONPJ	matrix spike dup	12/21/2016	Organic	2-Chloroethyl vinyl ether	n/a	=	38	µg/L	EPA 624	0.28	1			
2016/17-3	000NONPJ	matrix spike dup, rec	12/21/2016	Organic	2-Chloroethyl vinyl ether	n/a	=	76	%	EPA 624	-88	-88	0.1	305	
2016/17-3	000NONPJ	matrix spike, RPD	12/21/2016	Organic	2-Chloroethyl vinyl ether	n/a	=	2	%	EPA 624	-88	-88	0	25	
2016/17-3	Lab	LCS	12/20/2016	Organic	2-Chloroethyl vinyl ether	n/a	=	42.7	µg/L	EPA 624	0.28	1			
2016/17-3	Lab	LCS, rec	12/20/2016	Organic	2-Chloroethyl vinyl ether	n/a	=	85	%	EPA 624	-88	-88	0.1	305	
2016/17-3	Lab	method blank	12/20/2016	Organic	2-Chloroethyl vinyl ether	n/a	<	0.28	µg/L	EPA 624	0.28	1			
2016/17-3	MO-CAM	field duplicate	12/20/2016	Organic	2-Chloroethyl vinyl ether	n/a	<	0.28	µg/L	EPA 624	0.28	1			
2016/17-3	Lab	method blank	12/28/2016	Organic	2-Chloronaphthalene	n/a	<	0.45	µg/L	EPA 625	0.45	1			
2016/17-3	Lab	LCS	12/28/2016	Organic	2-Chloronaphthalene	n/a	=	21	µg/L	EPA 625	0.45	1			
2016/17-3	Lab	LCS, rec	12/28/2016	Organic	2-Chloronaphthalene	n/a	=	84	%	EPA 625	-88	-88	60	118	
2016/17-3	Lab	LCS dup	12/28/2016	Organic	2-Chloronaphthalene	n/a	=	24.6	µg/L	EPA 625	0.45	1			
2016/17-3	Lab	LCS dup, rec	12/28/2016	Organic	2-Chloronaphthalene	n/a	=	99	%	EPA 625	-88	-88	60	118	
2016/17-3	Lab	LCS, RPD	12/28/2016	Organic	2-Chloronaphthalene	n/a	=	16	%	EPA 625	-88	-88	0	30	
2016/17-3	Lab	method blank	12/30/2016	Organic	2-Chloronaphthalene	n/a	<	0.45	µg/L	EPA 625	0.45	1			
2016/17-3	Lab	LCS	12/30/2016	Organic	2-Chloronaphthalene	n/a	=	22.3	µg/L	EPA 625	0.45	1			
2016/17-3	Lab	LCS, rec	12/30/2016	Organic	2-Chloronaphthalene	n/a	=	89	%	EPA 625	-88	-88	60	118	
2016/17-3	Lab	LCS dup	12/30/2016	Organic	2-Chloronaphthalene	n/a	=	23.5	µg/L	EPA 625	0.45	1			
2016/17-3	Lab	LCS dup, rec	12/30/2016	Organic	2-Chloronaphthalene	n/a	=	94	%	EPA 625	-88	-88	60	118	
2016/17-3	Lab	LCS, RPD	12/30/2016	Organic	2-Chloronaphthalene	n/a	=	5	%	EPA 625	-88	-88	0	30	
2016/17-3	Lab	method blank	12/28/2016	Organic	2-Chlorophenol	n/a	<	0.28	µg/L	EPA 625	0.28	1			
2016/17-3	Lab	LCS	12/28/2016	Organic	2-Chlorophenol	n/a	=	18.8	µg/L	EPA 625	0.28	1			
2016/17-3	Lab	LCS, rec	12/28/2016	Organic	2-Chlorophenol	n/a	=	75	%	EPA 625	-88	-88	23	134	
2016/17-3	Lab	LCS dup	12/28/2016	Organic	2-Chlorophenol	n/a	=	20.9	µg/L	EPA 625	0.28	1			
2016/17-3	Lab	LCS dup, rec	12/28/2016	Organic	2-Chlorophenol	n/a	=	84	%	EPA 625	-88	-88	23	134	
2016/17-3	Lab	LCS, RPD	12/28/2016	Organic	2-Chlorophenol	n/a	=	11	%	EPA 625	-88	-88	0	30	
2016/17-3	Lab	method blank	12/30/2016	Organic	2-Chlorophenol	n/a	<	0.28	µg/L	EPA 625	0.28	1			
2016/17-3	Lab	LCS	12/30/2016	Organic	2-Chlorophenol	n/a	=	20.2	µg/L	EPA 625	0.28	1			
2016/17-3	Lab	LCS, rec	12/30/2016	Organic	2-Chlorophenol	n/a	=	81	%	EPA 625	-88	-88	23	134	
2016/17-3	Lab	LCS dup	12/30/2016	Organic	2-Chlorophenol	n/a	=	21.7	µg/L	EPA 625	0.28	1			
2016/17-3	Lab	LCS dup, rec	12/30/2016	Organic	2-Chlorophenol	n/a	=	87	%	EPA 625	-88	-88	23	134	
2016/17-3	Lab	LCS, RPD	12/30/2016	Organic	2-Chlorophenol	n/a	=	7	%	EPA 625	-88	-88	0	30	
2016/17-3	Lab	method blank	1/10/2017	Organic	2-Chlorophenol	n/a	<	0.65	µg/L	EPA 8270C	0.65	1			
2016/17-3	Lab	LCS	1/10/2017	Organic	2-Chlorophenol	n/a	=	7.57	µg/L	EPA 8270C	0.65	1			
2016/17-3	Lab	LCS, rec	1/10/2017	Organic	2-Chlorophenol	n/a	=	76	%	EPA 8270C	-88	-88	27	90	
2016/17-3	Lab	LCS dup	1/10/2017	Organic	2-Chlorophenol	n/a	=	8.24	µg/L	EPA 8270C	0.65	1			
2016/17-3	Lab	LCS dup, rec	1/10/2017	Organic	2-Chlorophenol	n/a	=	82	%	EPA 8270C	-88	-88	27	90	
2016/17-3	Lab	LCS, RPD	1/10/2017	Organic	2-Chlorophenol	n/a	=	8	%	EPA 8270C	-88	-88	0	30	
2016/17-3	Lab	srgt method blank	12/28/2016	Organic	2-Fluorobiphenyl	n/a	=	22.8	µg/L	EPA 625	-88	-88			
2016/17-3	Lab	srgt method blank, rec	12/28/2016	Organic	2-Fluorobiphenyl	n/a	=	91	%	EPA 625	-88	-88	22	107	
2016/17-3	Lab	srgt LCS	12/28/2016	Organic	2-Fluorobiphenyl	n/a	=	19.7	µg/L	EPA 625	-88	-88			
2016/17-3	Lab	srgt LCS, rec	12/28/2016	Organic	2-Fluorobiphenyl	n/a	=	79	%	EPA 625	-88	-88	22	107	
2016/17-3	Lab	srgt LCS dup	12/28/2016	Organic	2-Fluorobiphenyl	n/a	=	23	µg/L	EPA 625	-88	-88			
2016/17-3	Lab	srgt LCS dup, rec	12/28/2016	Organic	2-Fluorobiphenyl	n/a	=	92	%	EPA 625	-88	-88	22	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	
2016/17-3	Lab	srgt method blank	12/30/2016	Organic	2-Fluorobiphenyl	n/a	=	21	µg/L	EPA 625	-88	-88			
2016/17-3	Lab	srgt method blank, rec	12/30/2016	Organic	2-Fluorobiphenyl	n/a	=	84	%	EPA 625	-88	-88	22	107	
2016/17-3	Lab	srgt LCS	12/30/2016	Organic	2-Fluorobiphenyl	n/a	=	21.5	µg/L	EPA 625	-88	-88			
2016/17-3	Lab	srgt LCS, rec	12/30/2016	Organic	2-Fluorobiphenyl	n/a	=	86	%	EPA 625	-88	-88	22	107	
2016/17-3	Lab	srgt LCS dup	12/30/2016	Organic	2-Fluorobiphenyl	n/a	=	22.4	µg/L	EPA 625	-88	-88			
2016/17-3	Lab	srgt LCS dup, rec	12/30/2016	Organic	2-Fluorobiphenyl	n/a	=	89	%	EPA 625	-88	-88	22	107	
2016/17-3	Lab	srgt method blank	1/5/2017	Organic	2-Fluorobiphenyl	n/a	=	21.6	µg/L	EPA 625	-88	-88			
2016/17-3	Lab	srgt method blank, rec	1/5/2017	Organic	2-Fluorobiphenyl	n/a	=	86	%	EPA 625	-88	-88	22	107	
2016/17-3	Lab	srgt LCS	1/5/2017	Organic	2-Fluorobiphenyl	n/a	=	18.9	µg/L	EPA 625	-88	-88			
2016/17-3	Lab	srgt LCS, rec	1/5/2017	Organic	2-Fluorobiphenyl	n/a	=	76	%	EPA 625	-88	-88	22	107	
2016/17-3	Lab	srgt LCS dup	1/5/2017	Organic	2-Fluorobiphenyl	n/a	=	23.6	µg/L	EPA 625	-88	-88			
2016/17-3	Lab	srgt LCS dup, rec	1/5/2017	Organic	2-Fluorobiphenyl	n/a	=	95	%	EPA 625	-88	-88	22	107	
2016/17-3	Lab	srgt method blank	1/9/2017	Organic	2-Fluorobiphenyl	n/a	=	3.11	µg/L	EPA 8270C	-88	-88			
2016/17-3	Lab	srgt method blank, rec	1/9/2017	Organic	2-Fluorobiphenyl	n/a	=	62	%	EPA 8270C	-88	-88	51	139	
2016/17-3	Lab	srgt LCS	1/9/2017	Organic	2-Fluorobiphenyl	n/a	=	3.9	µg/L	EPA 8270C	-88	-88			
2016/17-3	Lab	srgt LCS, rec	1/9/2017	Organic	2-Fluorobiphenyl	n/a	=	78	%	EPA 8270C	-88	-88	51	139	
2016/17-3	Lab	srgt LCS dup	1/9/2017	Organic	2-Fluorobiphenyl	n/a	=	3.96	µg/L	EPA 8270C	-88	-88			
2016/17-3	Lab	srgt LCS dup, rec	1/9/2017	Organic	2-Fluorobiphenyl	n/a	=	79	%	EPA 8270C	-88	-88	51	139	
2016/17-3	ME-CC	srgt environ	12/28/2016	Organic	2-Fluorobiphenyl	n/a	=	22	µg/L	EPA 625	-88	-88			
2016/17-3	ME-CC	srgt environ, rec	12/28/2016	Organic	2-Fluorobiphenyl	n/a	=	88	%	EPA 625	-88	-88	22	107	
2016/17-3	ME-CC	srgt environ	1/9/2017	Organic	2-Fluorobiphenyl	n/a	=	2.48	µg/L	EPA 8270C	-88	-88			GN
2016/17-3	ME-CC	srgt environ, rec	1/9/2017	Organic	2-Fluorobiphenyl	n/a	=	50	%	EPA 8270C	-88	-88	51	139	GN
2016/17-3	ME-VR2	srgt environ	12/28/2016	Organic	2-Fluorobiphenyl	n/a	=	21.1	µg/L	EPA 625	-88	-88			
2016/17-3	ME-VR2	srgt environ, rec	12/28/2016	Organic	2-Fluorobiphenyl	n/a	=	84	%	EPA 625	-88	-88	22	107	
2016/17-3	ME-VR2	srgt environ	1/9/2017	Organic	2-Fluorobiphenyl	n/a	=	3.86	µg/L	EPA 8270C	-88	-88			
2016/17-3	ME-VR2	srgt environ, rec	1/9/2017	Organic	2-Fluorobiphenyl	n/a	=	77	%	EPA 8270C	-88	-88	51	139	
2016/17-3	MO-CAM	srgt environ	12/28/2016	Organic	2-Fluorobiphenyl	n/a	=	3.96	µg/L	EPA 625	-88	-88			GN
2016/17-3	MO-CAM	srgt environ, rec	12/28/2016	Organic	2-Fluorobiphenyl	n/a	=	16	%	EPA 625	-88	-88	22	107	GN
2016/17-3	MO-CAM	srgt environ	1/10/2017	Organic	2-Fluorobiphenyl	n/a	=	3.57	µg/L	EPA 8270C	-88	-88			
2016/17-3	MO-CAM	srgt environ, rec	1/10/2017	Organic	2-Fluorobiphenyl	n/a	=	71	%	EPA 8270C	-88	-88	51	139	
2016/17-3	MO-FIL	srgt environ	12/28/2016	Organic	2-Fluorobiphenyl	n/a	=	20	µg/L	EPA 625	-88	-88			
2016/17-3	MO-FIL	srgt environ, rec	12/28/2016	Organic	2-Fluorobiphenyl	n/a	=	80	%	EPA 625	-88	-88	22	107	
2016/17-3	MO-FIL	srgt environ	1/10/2017	Organic	2-Fluorobiphenyl	n/a	=	4.2	µg/L	EPA 8270C	-88	-88			
2016/17-3	MO-FIL	srgt environ, rec	1/10/2017	Organic	2-Fluorobiphenyl	n/a	=	84	%	EPA 8270C	-88	-88	51	139	
2016/17-3	MO-HUE	srgt environ	12/30/2016	Organic	2-Fluorobiphenyl	n/a	=	16.6	µg/L	EPA 625	-88	-88			
2016/17-3	MO-HUE	srgt environ, rec	12/30/2016	Organic	2-Fluorobiphenyl	n/a	=	67	%	EPA 625	-88	-88	22	107	
2016/17-3	MO-HUE	srgt environ	1/10/2017	Organic	2-Fluorobiphenyl	n/a	=	3.73	µg/L	EPA 8270C	-88	-88			
2016/17-3	MO-HUE	srgt environ, rec	1/10/2017	Organic	2-Fluorobiphenyl	n/a	=	75	%	EPA 8270C	-88	-88	51	139	
2016/17-3	MO-MEI	srgt environ	12/28/2016	Organic	2-Fluorobiphenyl	n/a	=	16.8	µg/L	EPA 625	-88	-88			
2016/17-3	MO-MEI	srgt environ, rec	12/28/2016	Organic	2-Fluorobiphenyl	n/a	=	67	%	EPA 625	-88	-88	22	107	
2016/17-3	MO-MEI	srgt environ	1/10/2017	Organic	2-Fluorobiphenyl	n/a	=	3.2	µg/L	EPA 8270C	-88	-88			
2016/17-3	MO-MEI	srgt environ, rec	1/10/2017	Organic	2-Fluorobiphenyl	n/a	=	64	%	EPA 8270C	-88	-88	51	139	
2016/17-3	MO-MPK	srgt environ	12/28/2016	Organic	2-Fluorobiphenyl	n/a	=	19	µg/L	EPA 625	-88	-88			
2016/17-3	MO-MPK	srgt environ, rec	12/28/2016	Organic	2-Fluorobiphenyl	n/a	=	76	%	EPA 625	-88	-88	22	107	
2016/17-3	MO-MPK	srgt environ	1/10/2017	Organic	2-Fluorobiphenyl	n/a	=	3.66	µg/L	EPA 8270C	-88	-88			
2016/17-3	MO-MPK	srgt environ, rec	1/10/2017	Organic	2-Fluorobiphenyl	n/a	=	73	%	EPA 8270C	-88	-88	51	139	
2016/17-3	MO-OJA	srgt environ	12/28/2016	Organic	2-Fluorobiphenyl	n/a	=	21.5	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	
2016/17-3	MO-OJA	srgt environ, rec	12/28/2016	Organic	2-Fluorobiphenyl	n/a	=	86	%	EPA 625	-88	-88	22	107	
2016/17-3	MO-OJA	srgt environ	1/10/2017	Organic	2-Fluorobiphenyl	n/a	=	2.96	µg/L	EPA 8270C	-88	-88			
2016/17-3	MO-OJA	srgt environ, rec	1/10/2017	Organic	2-Fluorobiphenyl	n/a	=	59	%	EPA 8270C	-88	-88	51	139	
2016/17-3	MO-OXN	srgt environ	12/30/2016	Organic	2-Fluorobiphenyl	n/a	=	17.4	µg/L	EPA 625	-88	-88			
2016/17-3	MO-OXN	srgt environ, rec	12/30/2016	Organic	2-Fluorobiphenyl	n/a	=	70	%	EPA 625	-88	-88	22	107	
2016/17-3	MO-OXN	srgt environ	1/10/2017	Organic	2-Fluorobiphenyl	n/a	=	3.75	µg/L	EPA 8270C	-88	-88			
2016/17-3	MO-OXN	srgt environ, rec	1/10/2017	Organic	2-Fluorobiphenyl	n/a	=	75	%	EPA 8270C	-88	-88	51	139	
2016/17-3	MO-SIM	srgt environ	12/28/2016	Organic	2-Fluorobiphenyl	n/a	=	17.9	µg/L	EPA 625	-88	-88			
2016/17-3	MO-SIM	srgt environ, rec	12/28/2016	Organic	2-Fluorobiphenyl	n/a	=	72	%	EPA 625	-88	-88	22	107	
2016/17-3	MO-SIM	srgt environ	1/10/2017	Organic	2-Fluorobiphenyl	n/a	=	4.2	µg/L	EPA 8270C	-88	-88			
2016/17-3	MO-SIM	srgt environ, rec	1/10/2017	Organic	2-Fluorobiphenyl	n/a	=	84	%	EPA 8270C	-88	-88	51	139	
2016/17-3	MO-SPA	srgt environ	12/28/2016	Organic	2-Fluorobiphenyl	n/a	=	18.8	µg/L	EPA 625	-88	-88			
2016/17-3	MO-SPA	srgt environ, rec	12/28/2016	Organic	2-Fluorobiphenyl	n/a	=	75	%	EPA 625	-88	-88	22	107	
2016/17-3	MO-SPA	srgt environ	1/10/2017	Organic	2-Fluorobiphenyl	n/a	=	3.65	µg/L	EPA 8270C	-88	-88			
2016/17-3	MO-SPA	srgt environ, rec	1/10/2017	Organic	2-Fluorobiphenyl	n/a	=	73	%	EPA 8270C	-88	-88	51	139	
2016/17-3	MO-THO	srgt environ	12/30/2016	Organic	2-Fluorobiphenyl	n/a	=	17.6	µg/L	EPA 625	-88	-88			
2016/17-3	MO-THO	srgt environ, rec	12/30/2016	Organic	2-Fluorobiphenyl	n/a	=	70	%	EPA 625	-88	-88	22	107	
2016/17-3	MO-THO	srgt environ	1/10/2017	Organic	2-Fluorobiphenyl	n/a	=	3.79	µg/L	EPA 8270C	-88	-88			
2016/17-3	MO-THO	srgt environ, rec	1/10/2017	Organic	2-Fluorobiphenyl	n/a	=	76	%	EPA 8270C	-88	-88	51	139	
2016/17-3	MO-VEN	srgt environ	12/28/2016	Organic	2-Fluorobiphenyl	n/a	=	21.2	µg/L	EPA 625	-88	-88			
2016/17-3	MO-VEN	srgt environ, rec	12/28/2016	Organic	2-Fluorobiphenyl	n/a	=	85	%	EPA 625	-88	-88	22	107	
2016/17-3	MO-VEN	srgt environ	1/10/2017	Organic	2-Fluorobiphenyl	n/a	=	3.9	µg/L	EPA 8270C	-88	-88			
2016/17-3	MO-VEN	srgt environ, rec	1/10/2017	Organic	2-Fluorobiphenyl	n/a	=	78	%	EPA 8270C	-88	-88	51	139	
2016/17-3	Lab	srgt method blank	12/28/2016	Organic	2-Fluorophenol	n/a	=	30.3	µg/L	EPA 625	-88	-88			
2016/17-3	Lab	srgt method blank, rec	12/28/2016	Organic	2-Fluorophenol	n/a	=	61	%	EPA 625	-88	-88	3	74	
2016/17-3	Lab	srgt LCS	12/28/2016	Organic	2-Fluorophenol	n/a	=	23.4	µg/L	EPA 625	-88	-88			
2016/17-3	Lab	srgt LCS, rec	12/28/2016	Organic	2-Fluorophenol	n/a	=	47	%	EPA 625	-88	-88	3	74	
2016/17-3	Lab	srgt LCS dup	12/28/2016	Organic	2-Fluorophenol	n/a	=	25.7	µg/L	EPA 625	-88	-88			
2016/17-3	Lab	srgt LCS dup, rec	12/28/2016	Organic	2-Fluorophenol	n/a	=	51	%	EPA 625	-88	-88	3	74	
2016/17-3	Lab	srgt method blank	12/30/2016	Organic	2-Fluorophenol	n/a	=	27.7	µg/L	EPA 625	-88	-88			
2016/17-3	Lab	srgt method blank, rec	12/30/2016	Organic	2-Fluorophenol	n/a	=	55	%	EPA 625	-88	-88	3	74	
2016/17-3	Lab	srgt LCS	12/30/2016	Organic	2-Fluorophenol	n/a	=	24.6	µg/L	EPA 625	-88	-88			
2016/17-3	Lab	srgt LCS, rec	12/30/2016	Organic	2-Fluorophenol	n/a	=	49	%	EPA 625	-88	-88	3	74	
2016/17-3	Lab	srgt LCS dup	12/30/2016	Organic	2-Fluorophenol	n/a	=	27.4	µg/L	EPA 625	-88	-88			
2016/17-3	Lab	srgt LCS dup, rec	12/30/2016	Organic	2-Fluorophenol	n/a	=	55	%	EPA 625	-88	-88	3	74	
2016/17-3	Lab	srgt method blank	1/5/2017	Organic	2-Fluorophenol	n/a	=	30.8	µg/L	EPA 625	-88	-88			
2016/17-3	Lab	srgt method blank, rec	1/5/2017	Organic	2-Fluorophenol	n/a	=	62	%	EPA 625	-88	-88	3	74	
2016/17-3	Lab	srgt LCS	1/5/2017	Organic	2-Fluorophenol	n/a	=	23.8	µg/L	EPA 625	-88	-88			
2016/17-3	Lab	srgt LCS, rec	1/5/2017	Organic	2-Fluorophenol	n/a	=	48	%	EPA 625	-88	-88	3	74	
2016/17-3	Lab	srgt LCS dup	1/5/2017	Organic	2-Fluorophenol	n/a	=	25.4	µg/L	EPA 625	-88	-88			
2016/17-3	Lab	srgt LCS dup, rec	1/5/2017	Organic	2-Fluorophenol	n/a	=	51	%	EPA 625	-88	-88	3	74	
2016/17-3	Lab	srgt method blank	1/10/2017	Organic	2-Fluorophenol	n/a	=	5.17	µg/L	EPA 8270C	-88	-88			
2016/17-3	Lab	srgt method blank, rec	1/10/2017	Organic	2-Fluorophenol	n/a	=	52	%	EPA 8270C	-88	-88	11	62	
2016/17-3	Lab	srgt LCS	1/10/2017	Organic	2-Fluorophenol	n/a	=	5.22	µg/L	EPA 8270C	-88	-88			
2016/17-3	Lab	srgt LCS, rec	1/10/2017	Organic	2-Fluorophenol	n/a	=	52	%	EPA 8270C	-88	-88	11	62	
2016/17-3	Lab	srgt LCS dup	1/10/2017	Organic	2-Fluorophenol	n/a	=	5.73	µg/L	EPA 8270C	-88	-88			
2016/17-3	Lab	srgt LCS dup, rec	1/10/2017	Organic	2-Fluorophenol	n/a	=	57	%	EPA 8270C	-88	-88	11	62	

Appendix F
Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2016/17-3	ME-CC	srgt environ	12/28/2016	Organic	2-Fluorophenol	n/a	=	21.8	µg/L	EPA 625	-88	-88			
2016/17-3	ME-CC	srgt environ, rec	12/28/2016	Organic	2-Fluorophenol	n/a	=	44	%	EPA 625	-88	-88	3	74	
2016/17-3	ME-CC	srgt environ	1/10/2017	Organic	2-Fluorophenol	n/a	=	3.38	µg/L	EPA 8270C	-88	-88			
2016/17-3	ME-CC	srgt environ, rec	1/10/2017	Organic	2-Fluorophenol	n/a	=	34	%	EPA 8270C	-88	-88	11	62	
2016/17-3	ME-VR2	srgt environ	12/28/2016	Organic	2-Fluorophenol	n/a	=	25.7	µg/L	EPA 625	-88	-88			
2016/17-3	ME-VR2	srgt environ, rec	12/28/2016	Organic	2-Fluorophenol	n/a	=	51	%	EPA 625	-88	-88	3	74	
2016/17-3	ME-VR2	srgt environ	1/10/2017	Organic	2-Fluorophenol	n/a	=	5.15	µg/L	EPA 8270C	-88	-88			
2016/17-3	ME-VR2	srgt environ, rec	1/10/2017	Organic	2-Fluorophenol	n/a	=	52	%	EPA 8270C	-88	-88	11	62	
2016/17-3	MO-CAM	srgt environ	12/28/2016	Organic	2-Fluorophenol	n/a	=	4.39	µg/L	EPA 625	-88	-88			
2016/17-3	MO-CAM	srgt environ, rec	12/28/2016	Organic	2-Fluorophenol	n/a	=	9	%	EPA 625	-88	-88	3	74	
2016/17-3	MO-CAM	srgt environ	1/10/2017	Organic	2-Fluorophenol	n/a	=	3	µg/L	EPA 8270C	-88	-88			
2016/17-3	MO-CAM	srgt environ, rec	1/10/2017	Organic	2-Fluorophenol	n/a	=	30	%	EPA 8270C	-88	-88	11	62	
2016/17-3	MO-FIL	srgt environ	12/28/2016	Organic	2-Fluorophenol	n/a	=	22.4	µg/L	EPA 625	-88	-88			
2016/17-3	MO-FIL	srgt environ, rec	12/28/2016	Organic	2-Fluorophenol	n/a	=	45	%	EPA 625	-88	-88	3	74	
2016/17-3	MO-FIL	srgt environ	1/10/2017	Organic	2-Fluorophenol	n/a	=	3.75	µg/L	EPA 8270C	-88	-88			
2016/17-3	MO-FIL	srgt environ, rec	1/10/2017	Organic	2-Fluorophenol	n/a	=	38	%	EPA 8270C	-88	-88	11	62	
2016/17-3	MO-HUE	srgt environ	12/30/2016	Organic	2-Fluorophenol	n/a	=	16.9	µg/L	EPA 625	-88	-88			
2016/17-3	MO-HUE	srgt environ, rec	12/30/2016	Organic	2-Fluorophenol	n/a	=	34	%	EPA 625	-88	-88	3	74	
2016/17-3	MO-HUE	srgt environ	1/10/2017	Organic	2-Fluorophenol	n/a	=	4.32	µg/L	EPA 8270C	-88	-88			
2016/17-3	MO-HUE	srgt environ, rec	1/10/2017	Organic	2-Fluorophenol	n/a	=	43	%	EPA 8270C	-88	-88	11	62	
2016/17-3	MO-MEI	srgt environ	12/28/2016	Organic	2-Fluorophenol	n/a	=	19.2	µg/L	EPA 625	-88	-88			
2016/17-3	MO-MEI	srgt environ, rec	12/28/2016	Organic	2-Fluorophenol	n/a	=	38	%	EPA 625	-88	-88	3	74	
2016/17-3	MO-MEI	srgt environ	1/10/2017	Organic	2-Fluorophenol	n/a	=	1.5	µg/L	EPA 8270C	-88	-88			
2016/17-3	MO-MEI	srgt environ, rec	1/10/2017	Organic	2-Fluorophenol	n/a	=	15	%	EPA 8270C	-88	-88	11	62	
2016/17-3	MO-MPK	srgt environ	12/28/2016	Organic	2-Fluorophenol	n/a	=	22.9	µg/L	EPA 625	-88	-88			
2016/17-3	MO-MPK	srgt environ, rec	12/28/2016	Organic	2-Fluorophenol	n/a	=	46	%	EPA 625	-88	-88	3	74	
2016/17-3	MO-MPK	srgt environ	1/10/2017	Organic	2-Fluorophenol	n/a	=	5.31	µg/L	EPA 8270C	-88	-88			
2016/17-3	MO-MPK	srgt environ, rec	1/10/2017	Organic	2-Fluorophenol	n/a	=	53	%	EPA 8270C	-88	-88	11	62	
2016/17-3	MO-OJA	srgt environ	12/28/2016	Organic	2-Fluorophenol	n/a	=	25.3	µg/L	EPA 625	-88	-88			
2016/17-3	MO-OJA	srgt environ, rec	12/28/2016	Organic	2-Fluorophenol	n/a	=	51	%	EPA 625	-88	-88	3	74	
2016/17-3	MO-OJA	srgt environ	1/10/2017	Organic	2-Fluorophenol	n/a	=	3.1	µg/L	EPA 8270C	-88	-88			
2016/17-3	MO-OJA	srgt environ, rec	1/10/2017	Organic	2-Fluorophenol	n/a	=	31	%	EPA 8270C	-88	-88	11	62	
2016/17-3	MO-OXN	srgt environ	12/30/2016	Organic	2-Fluorophenol	n/a	=	20.2	µg/L	EPA 625	-88	-88			
2016/17-3	MO-OXN	srgt environ, rec	12/30/2016	Organic	2-Fluorophenol	n/a	=	40	%	EPA 625	-88	-88	3	74	
2016/17-3	MO-OXN	srgt environ	1/10/2017	Organic	2-Fluorophenol	n/a	=	3.2	µg/L	EPA 8270C	-88	-88			
2016/17-3	MO-OXN	srgt environ, rec	1/10/2017	Organic	2-Fluorophenol	n/a	=	32	%	EPA 8270C	-88	-88	11	62	
2016/17-3	MO-SIM	srgt environ	12/28/2016	Organic	2-Fluorophenol	n/a	=	21.8	µg/L	EPA 625	-88	-88			
2016/17-3	MO-SIM	srgt environ, rec	12/28/2016	Organic	2-Fluorophenol	n/a	=	44	%	EPA 625	-88	-88	3	74	
2016/17-3	MO-SIM	srgt environ	1/10/2017	Organic	2-Fluorophenol	n/a	=	4.94	µg/L	EPA 8270C	-88	-88			
2016/17-3	MO-SIM	srgt environ, rec	1/10/2017	Organic	2-Fluorophenol	n/a	=	49	%	EPA 8270C	-88	-88	11	62	
2016/17-3	MO-SPA	srgt environ	12/28/2016	Organic	2-Fluorophenol	n/a	=	16.7	µg/L	EPA 625	-88	-88			
2016/17-3	MO-SPA	srgt environ, rec	12/28/2016	Organic	2-Fluorophenol	n/a	=	33	%	EPA 625	-88	-88	3	74	
2016/17-3	MO-SPA	srgt environ	1/10/2017	Organic	2-Fluorophenol	n/a	=	3.15	µg/L	EPA 8270C	-88	-88			
2016/17-3	MO-SPA	srgt environ, rec	1/10/2017	Organic	2-Fluorophenol	n/a	=	32	%	EPA 8270C	-88	-88	11	62	
2016/17-3	MO-THO	srgt environ	12/30/2016	Organic	2-Fluorophenol	n/a	=	21.7	µg/L	EPA 625	-88	-88			
2016/17-3	MO-THO	srgt environ, rec	12/30/2016	Organic	2-Fluorophenol	n/a	=	43	%	EPA 625	-88	-88	3	74	
2016/17-3	MO-THO	srgt environ	1/10/2017	Organic	2-Fluorophenol	n/a	=	4.48	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	
2016/17-3	MO-THO	srgt environ, rec	1/10/2017	Organic	2-Fluorophenol	n/a	=	45	%	EPA 8270C	-88	-88	11	62	
2016/17-3	MO-VEN	srgt environ	12/28/2016	Organic	2-Fluorophenol	n/a	=	21.5	µg/L	EPA 625	-88	-88			
2016/17-3	MO-VEN	srgt environ, rec	12/28/2016	Organic	2-Fluorophenol	n/a	=	43	%	EPA 625	-88	-88	3	74	
2016/17-3	MO-VEN	srgt environ	1/10/2017	Organic	2-Fluorophenol	n/a	=	3.1	µg/L	EPA 8270C	-88	-88			
2016/17-3	MO-VEN	srgt environ, rec	1/10/2017	Organic	2-Fluorophenol	n/a	=	31	%	EPA 8270C	-88	-88	11	62	
2016/17-3	Lab	method blank	1/9/2017	Organic	2-Methylnaphthalene	n/a	<	0.1	µg/L	EPA 8270C	0.1	0.1			
2016/17-3	Lab	method blank	1/10/2017	Organic	2-Methylphenol	n/a	<	0.34	µg/L	EPA 8270C	0.34	1			
2016/17-3	Lab	method blank	12/28/2016	Organic	2-Nitrophenol	n/a	<	0.26	µg/L	EPA 625	0.26	1			
2016/17-3	Lab	LCS	12/28/2016	Organic	2-Nitrophenol	n/a	=	20.7	µg/L	EPA 625	0.26	1			
2016/17-3	Lab	LCS, rec	12/28/2016	Organic	2-Nitrophenol	n/a	=	83	%	EPA 625	-88	-88	29	182	
2016/17-3	Lab	LCS dup	12/28/2016	Organic	2-Nitrophenol	n/a	=	24.2	µg/L	EPA 625	0.26	1			
2016/17-3	Lab	LCS dup, rec	12/28/2016	Organic	2-Nitrophenol	n/a	=	97	%	EPA 625	-88	-88	29	182	
2016/17-3	Lab	LCS, RPD	12/28/2016	Organic	2-Nitrophenol	n/a	=	16	%	EPA 625	-88	-88	0	30	
2016/17-3	Lab	method blank	12/30/2016	Organic	2-Nitrophenol	n/a	<	0.26	µg/L	EPA 625	0.26	1			
2016/17-3	Lab	LCS	12/30/2016	Organic	2-Nitrophenol	n/a	=	22.3	µg/L	EPA 625	0.26	1			
2016/17-3	Lab	LCS, rec	12/30/2016	Organic	2-Nitrophenol	n/a	=	89	%	EPA 625	-88	-88	29	182	
2016/17-3	Lab	LCS dup	12/30/2016	Organic	2-Nitrophenol	n/a	=	23.6	µg/L	EPA 625	0.26	1			
2016/17-3	Lab	LCS dup, rec	12/30/2016	Organic	2-Nitrophenol	n/a	=	94	%	EPA 625	-88	-88	29	182	
2016/17-3	Lab	LCS, RPD	12/30/2016	Organic	2-Nitrophenol	n/a	=	6	%	EPA 625	-88	-88	0	30	
2016/17-3	Lab	method blank	1/10/2017	Organic	2-Nitrophenol	n/a	<	0.71	µg/L	EPA 8270C	0.71	1			
2016/17-3	Lab	LCS	1/10/2017	Organic	2-Nitrophenol	n/a	=	8.47	µg/L	EPA 8270C	0.71	1			
2016/17-3	Lab	LCS, rec	1/10/2017	Organic	2-Nitrophenol	n/a	=	85	%	EPA 8270C	-88	-88	33	103	
2016/17-3	Lab	LCS dup	1/10/2017	Organic	2-Nitrophenol	n/a	=	9	µg/L	EPA 8270C	0.71	1			
2016/17-3	Lab	LCS dup, rec	1/10/2017	Organic	2-Nitrophenol	n/a	=	90	%	EPA 8270C	-88	-88	33	103	
2016/17-3	Lab	LCS, RPD	1/10/2017	Organic	2-Nitrophenol	n/a	=	6	%	EPA 8270C	-88	-88	0	30	
2016/17-3	Lab	method blank	12/28/2016	Organic	3,3'-Dichlorobenzidine	n/a	<	1.2	µg/L	EPA 625	1.2	5			
2016/17-3	Lab	LCS	12/28/2016	Organic	3,3'-Dichlorobenzidine	n/a	=	20.1	µg/L	EPA 625	1.2	5			
2016/17-3	Lab	LCS, rec	12/28/2016	Organic	3,3'-Dichlorobenzidine	n/a	=	80	%	EPA 625	-88	-88	0.1	262	
2016/17-3	Lab	LCS dup	12/28/2016	Organic	3,3'-Dichlorobenzidine	n/a	=	21.3	µg/L	EPA 625	1.2	5			
2016/17-3	Lab	LCS dup, rec	12/28/2016	Organic	3,3'-Dichlorobenzidine	n/a	=	85	%	EPA 625	-88	-88	0.1	262	
2016/17-3	Lab	LCS, RPD	12/28/2016	Organic	3,3'-Dichlorobenzidine	n/a	=	6	%	EPA 625	-88	-88	0	30	
2016/17-3	Lab	method blank	12/30/2016	Organic	3,3'-Dichlorobenzidine	n/a	<	1.2	µg/L	EPA 625	1.2	5			
2016/17-3	Lab	LCS	12/30/2016	Organic	3,3'-Dichlorobenzidine	n/a	=	16.9	µg/L	EPA 625	1.2	5			
2016/17-3	Lab	LCS, rec	12/30/2016	Organic	3,3'-Dichlorobenzidine	n/a	=	68	%	EPA 625	-88	-88	0.1	262	
2016/17-3	Lab	LCS dup	12/30/2016	Organic	3,3'-Dichlorobenzidine	n/a	=	10.4	µg/L	EPA 625	1.2	5			
2016/17-3	Lab	LCS dup, rec	12/30/2016	Organic	3,3'-Dichlorobenzidine	n/a	=	42	%	EPA 625	-88	-88	0.1	262	
2016/17-3	Lab	LCS, RPD	12/30/2016	Organic	3,3'-Dichlorobenzidine	n/a	=	48	%	EPA 625	-88	-88	0	30	IL
2016/17-3	Lab	method blank	1/10/2017	Organic	3-/4-Methylphenol	n/a	<	0.3	µg/L	EPA 8270C	0.3	1			
2016/17-3	Lab	method blank	12/28/2016	Organic	4,6-Dinitro-2-methylphenol	n/a	<	1.7	µg/L	EPA 625	1.7	5			
2016/17-3	Lab	LCS	12/28/2016	Organic	4,6-Dinitro-2-methylphenol	n/a	=	23	µg/L	EPA 625	1.7	5			
2016/17-3	Lab	LCS, rec	12/28/2016	Organic	4,6-Dinitro-2-methylphenol	n/a	=	92	%	EPA 625	-88	-88	0.1	181	
2016/17-3	Lab	LCS dup	12/28/2016	Organic	4,6-Dinitro-2-methylphenol	n/a	=	27.4	µg/L	EPA 625	1.7	5			
2016/17-3	Lab	LCS dup, rec	12/28/2016	Organic	4,6-Dinitro-2-methylphenol	n/a	=	110	%	EPA 625	-88	-88	0.1	181	
2016/17-3	Lab	LCS, RPD	12/28/2016	Organic	4,6-Dinitro-2-methylphenol	n/a	=	18	%	EPA 625	-88	-88	0	30	
2016/17-3	Lab	method blank	12/30/2016	Organic	4,6-Dinitro-2-methylphenol	n/a	<	1.7	µg/L	EPA 625	1.7	5			
2016/17-3	Lab	LCS	12/30/2016	Organic	4,6-Dinitro-2-methylphenol	n/a	=	22.2	µg/L	EPA 625	1.7	5			
2016/17-3	Lab	LCS, rec	12/30/2016	Organic	4,6-Dinitro-2-methylphenol	n/a	=	89	%	EPA 625	-88	-88	0.1	181	

Appendix F
Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2016/17-3	Lab	LCS dup	12/30/2016	Organic	4,6-Dinitro-2-methylphenol	n/a	=	23.8	µg/L	EPA 625	1.7	5			
2016/17-3	Lab	LCS dup, rec	12/30/2016	Organic	4,6-Dinitro-2-methylphenol	n/a	=	95	%	EPA 625	-88	-88	0.1	181	
2016/17-3	Lab	LCS, RPD	12/30/2016	Organic	4,6-Dinitro-2-methylphenol	n/a	=	7	%	EPA 625	-88	-88	0	30	
2016/17-3	Lab	method blank	1/10/2017	Organic	4,6-Dinitro-2-methylphenol	n/a	<	0.14	µg/L	EPA 8270C	0.14	1			
2016/17-3	Lab	LCS	1/10/2017	Organic	4,6-Dinitro-2-methylphenol	n/a	=	9.7	µg/L	EPA 8270C	0.14	1			
2016/17-3	Lab	LCS, rec	1/10/2017	Organic	4,6-Dinitro-2-methylphenol	n/a	=	97	%	EPA 8270C	-88	-88	33	118	
2016/17-3	Lab	LCS dup	1/10/2017	Organic	4,6-Dinitro-2-methylphenol	n/a	=	9.59	µg/L	EPA 8270C	0.14	1			
2016/17-3	Lab	LCS dup, rec	1/10/2017	Organic	4,6-Dinitro-2-methylphenol	n/a	=	96	%	EPA 8270C	-88	-88	33	118	
2016/17-3	Lab	LCS, RPD	1/10/2017	Organic	4,6-Dinitro-2-methylphenol	n/a	=	1	%	EPA 8270C	-88	-88	0	30	
2016/17-3	000NONPJ	srgt matrix spike	12/21/2016	Organic	4-Bromofluorobenzene	n/a	=	50.6	µg/L	EPA 624	-88	-88			
2016/17-3	000NONPJ	srgt matrix spike, rec	12/21/2016	Organic	4-Bromofluorobenzene	n/a	=	101	%	EPA 624	-88	-88	88	108	
2016/17-3	000NONPJ	srgt matrix spike dup	12/21/2016	Organic	4-Bromofluorobenzene	n/a	=	51.6	µg/L	EPA 624	-88	-88			
2016/17-3	000NONPJ	srgt matrix spike dup, rec	12/21/2016	Organic	4-Bromofluorobenzene	n/a	=	103	%	EPA 624	-88	-88	88	108	
2016/17-3	Lab	srgt LCS	12/20/2016	Organic	4-Bromofluorobenzene	n/a	=	50.8	µg/L	EPA 624	-88	-88			
2016/17-3	Lab	srgt LCS, rec	12/20/2016	Organic	4-Bromofluorobenzene	n/a	=	102	%	EPA 624	-88	-88	88	108	
2016/17-3	Lab	srgt method blank	12/20/2016	Organic	4-Bromofluorobenzene	n/a	=	50.6	µg/L	EPA 624	-88	-88			
2016/17-3	Lab	srgt method blank, rec	12/20/2016	Organic	4-Bromofluorobenzene	n/a	=	101	%	EPA 624	-88	-88	88	108	
2016/17-3	Lab	srgt LCS	12/20/2016	Organic	4-Bromofluorobenzene	n/a	=	52	µg/L	EPA 8015D	-88	-88			
2016/17-3	Lab	srgt LCS, rec	12/20/2016	Organic	4-Bromofluorobenzene	n/a	=	104	%	EPA 8015D	-88	-88	72	124	
2016/17-3	Lab	srgt LCS dup	12/20/2016	Organic	4-Bromofluorobenzene	n/a	=	42	µg/L	EPA 8015D	-88	-88			
2016/17-3	Lab	srgt LCS dup, rec	12/20/2016	Organic	4-Bromofluorobenzene	n/a	=	84	%	EPA 8015D	-88	-88	72	124	
2016/17-3	Lab	srgt method blank	12/20/2016	Organic	4-Bromofluorobenzene	n/a	=	46	µg/L	EPA 8015D	-88	-88			
2016/17-3	Lab	srgt method blank, rec	12/20/2016	Organic	4-Bromofluorobenzene	n/a	=	92	%	EPA 8015D	-88	-88	72	124	
2016/17-3	Lab	srgt LCS	12/22/2016	Organic	4-Bromofluorobenzene	n/a	=	43	µg/L	EPA 8015D	-88	-88			
2016/17-3	Lab	srgt LCS, rec	12/22/2016	Organic	4-Bromofluorobenzene	n/a	=	86	%	EPA 8015D	-88	-88	72	124	
2016/17-3	Lab	srgt LCS dup	12/22/2016	Organic	4-Bromofluorobenzene	n/a	=	48	µg/L	EPA 8015D	-88	-88			
2016/17-3	Lab	srgt LCS dup, rec	12/22/2016	Organic	4-Bromofluorobenzene	n/a	=	96	%	EPA 8015D	-88	-88	72	124	
2016/17-3	Lab	srgt method blank	12/22/2016	Organic	4-Bromofluorobenzene	n/a	=	52	µg/L	EPA 8015D	-88	-88			
2016/17-3	Lab	srgt method blank, rec	12/22/2016	Organic	4-Bromofluorobenzene	n/a	=	104	%	EPA 8015D	-88	-88	72	124	
2016/17-3	ME-CC	srgt environ	12/20/2016	Organic	4-Bromofluorobenzene	n/a	=	47.5	µg/L	EPA 624	-88	-88			
2016/17-3	ME-CC	srgt environ, rec	12/20/2016	Organic	4-Bromofluorobenzene	n/a	=	95	%	EPA 624	-88	-88	88	108	
2016/17-3	ME-CC	srgt environ	12/22/2016	Organic	4-Bromofluorobenzene	n/a	=	47	µg/L	EPA 8015D	-88	-88			
2016/17-3	ME-CC	srgt environ, rec	12/22/2016	Organic	4-Bromofluorobenzene	n/a	=	94	%	EPA 8015D	-88	-88	72	124	
2016/17-3	ME-VR2	srgt environ	12/20/2016	Organic	4-Bromofluorobenzene	n/a	=	49	µg/L	EPA 624	-88	-88			
2016/17-3	ME-VR2	srgt environ, rec	12/20/2016	Organic	4-Bromofluorobenzene	n/a	=	98	%	EPA 624	-88	-88	88	108	
2016/17-3	ME-VR2	srgt environ	12/22/2016	Organic	4-Bromofluorobenzene	n/a	=	44	µg/L	EPA 8015D	-88	-88			
2016/17-3	ME-VR2	srgt environ, rec	12/22/2016	Organic	4-Bromofluorobenzene	n/a	=	88	%	EPA 8015D	-88	-88	72	124	
2016/17-3	MO-CAM	srgt environ	12/20/2016	Organic	4-Bromofluorobenzene	n/a	=	48.8	µg/L	EPA 624	-88	-88			
2016/17-3	MO-CAM	srgt environ, rec	12/20/2016	Organic	4-Bromofluorobenzene	n/a	=	98	%	EPA 624	-88	-88	88	108	
2016/17-3	MO-CAM	srgt environ	12/20/2016	Organic	4-Bromofluorobenzene	n/a	=	48	µg/L	EPA 624	-88	-88			
2016/17-3	MO-CAM	srgt environ, rec	12/20/2016	Organic	4-Bromofluorobenzene	n/a	=	96	%	EPA 624	-88	-88	88	108	
2016/17-3	MO-CAM	srgt environ	12/21/2016	Organic	4-Bromofluorobenzene	n/a	=	45	µg/L	EPA 8015D	-88	-88			
2016/17-3	MO-CAM	srgt environ, rec	12/21/2016	Organic	4-Bromofluorobenzene	n/a	=	90	%	EPA 8015D	-88	-88	72	124	
2016/17-3	MO-CAM	srgt environ	12/21/2016	Organic	4-Bromofluorobenzene	n/a	=	45	µg/L	EPA 8015D	-88	-88			
2016/17-3	MO-CAM	srgt environ, rec	12/21/2016	Organic	4-Bromofluorobenzene	n/a	=	90	%	EPA 8015D	-88	-88	72	124	
2016/17-3	MO-FIL	srgt environ	12/20/2016	Organic	4-Bromofluorobenzene	n/a	=	47.6	µg/L	EPA 624	-88	-88			
2016/17-3	MO-FIL	srgt environ, rec	12/20/2016	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	
2016/17-3	MO-FIL	srgt environ	12/21/2016	Organic	4-Bromofluorobenzene	n/a	=	47	µg/L	EPA 8015D	-88	-88			
2016/17-3	MO-FIL	srgt environ, rec	12/21/2016	Organic	4-Bromofluorobenzene	n/a	=	94	%	EPA 8015D	-88	-88	72	124	
2016/17-3	MO-HUE	srgt environ	12/20/2016	Organic	4-Bromofluorobenzene	n/a	=	46.2	µg/L	EPA 624	-88	-88			
2016/17-3	MO-HUE	srgt environ, rec	12/20/2016	Organic	4-Bromofluorobenzene	n/a	=	92	%	EPA 624	-88	-88	88	108	
2016/17-3	MO-HUE	srgt environ	12/21/2016	Organic	4-Bromofluorobenzene	n/a	=	48	µg/L	EPA 8015D	-88	-88			
2016/17-3	MO-HUE	srgt environ, rec	12/21/2016	Organic	4-Bromofluorobenzene	n/a	=	96	%	EPA 8015D	-88	-88	72	124	
2016/17-3	MO-MEI	srgt environ	12/20/2016	Organic	4-Bromofluorobenzene	n/a	=	46.9	µg/L	EPA 624	-88	-88			
2016/17-3	MO-MEI	srgt environ, rec	12/20/2016	Organic	4-Bromofluorobenzene	n/a	=	94	%	EPA 624	-88	-88	88	108	
2016/17-3	MO-MEI	srgt environ	12/21/2016	Organic	4-Bromofluorobenzene	n/a	=	46	µg/L	EPA 8015D	-88	-88			
2016/17-3	MO-MEI	srgt environ, rec	12/21/2016	Organic	4-Bromofluorobenzene	n/a	=	92	%	EPA 8015D	-88	-88	72	124	
2016/17-3	MO-MPK	srgt environ	12/20/2016	Organic	4-Bromofluorobenzene	n/a	=	47.2	µg/L	EPA 624	-88	-88			
2016/17-3	MO-MPK	srgt environ, rec	12/20/2016	Organic	4-Bromofluorobenzene	n/a	=	94	%	EPA 624	-88	-88	88	108	
2016/17-3	MO-MPK	srgt environ	12/21/2016	Organic	4-Bromofluorobenzene	n/a	=	104	µg/L	EPA 8015D	-88	-88			GN
2016/17-3	MO-MPK	srgt environ, rec	12/21/2016	Organic	4-Bromofluorobenzene	n/a	=	208	%	EPA 8015D	-88	-88	72	124	GN
2016/17-3	MO-OJA	srgt environ	12/20/2016	Organic	4-Bromofluorobenzene	n/a	=	47.8	µg/L	EPA 624	-88	-88			
2016/17-3	MO-OJA	srgt environ, rec	12/20/2016	Organic	4-Bromofluorobenzene	n/a	=	96	%	EPA 624	-88	-88	88	108	
2016/17-3	MO-OJA	srgt environ	12/21/2016	Organic	4-Bromofluorobenzene	n/a	=	46	µg/L	EPA 8015D	-88	-88			
2016/17-3	MO-OJA	srgt environ, rec	12/21/2016	Organic	4-Bromofluorobenzene	n/a	=	92	%	EPA 8015D	-88	-88	72	124	
2016/17-3	MO-OXN	srgt environ	12/20/2016	Organic	4-Bromofluorobenzene	n/a	=	46.4	µg/L	EPA 624	-88	-88			
2016/17-3	MO-OXN	srgt environ, rec	12/20/2016	Organic	4-Bromofluorobenzene	n/a	=	93	%	EPA 624	-88	-88	88	108	
2016/17-3	MO-OXN	srgt environ	12/21/2016	Organic	4-Bromofluorobenzene	n/a	=	45	µg/L	EPA 8015D	-88	-88			
2016/17-3	MO-OXN	srgt environ, rec	12/21/2016	Organic	4-Bromofluorobenzene	n/a	=	90	%	EPA 8015D	-88	-88	72	124	
2016/17-3	MO-SIM	srgt environ	12/20/2016	Organic	4-Bromofluorobenzene	n/a	=	47.7	µg/L	EPA 624	-88	-88			
2016/17-3	MO-SIM	srgt environ, rec	12/20/2016	Organic	4-Bromofluorobenzene	n/a	=	95	%	EPA 624	-88	-88	88	108	
2016/17-3	MO-SIM	srgt environ	12/21/2016	Organic	4-Bromofluorobenzene	n/a	=	45	µg/L	EPA 8015D	-88	-88			
2016/17-3	MO-SIM	srgt environ, rec	12/21/2016	Organic	4-Bromofluorobenzene	n/a	=	90	%	EPA 8015D	-88	-88	72	124	
2016/17-3	MO-SPA	srgt environ	12/20/2016	Organic	4-Bromofluorobenzene	n/a	=	48.3	µg/L	EPA 624	-88	-88			
2016/17-3	MO-SPA	srgt environ, rec	12/20/2016	Organic	4-Bromofluorobenzene	n/a	=	97	%	EPA 624	-88	-88	88	108	
2016/17-3	MO-SPA	srgt environ	12/21/2016	Organic	4-Bromofluorobenzene	n/a	=	47	µg/L	EPA 8015D	-88	-88			
2016/17-3	MO-SPA	srgt environ, rec	12/21/2016	Organic	4-Bromofluorobenzene	n/a	=	94	%	EPA 8015D	-88	-88	72	124	
2016/17-3	MO-THO	srgt environ	12/20/2016	Organic	4-Bromofluorobenzene	n/a	=	46.9	µg/L	EPA 624	-88	-88			
2016/17-3	MO-THO	srgt environ, rec	12/20/2016	Organic	4-Bromofluorobenzene	n/a	=	94	%	EPA 624	-88	-88	88	108	
2016/17-3	MO-THO	srgt environ	12/21/2016	Organic	4-Bromofluorobenzene	n/a	=	48	µg/L	EPA 8015D	-88	-88			
2016/17-3	MO-THO	srgt environ, rec	12/21/2016	Organic	4-Bromofluorobenzene	n/a	=	96	%	EPA 8015D	-88	-88	72	124	
2016/17-3	MO-VEN	srgt environ	12/20/2016	Organic	4-Bromofluorobenzene	n/a	=	46.9	µg/L	EPA 624	-88	-88			
2016/17-3	MO-VEN	srgt environ, rec	12/20/2016	Organic	4-Bromofluorobenzene	n/a	=	94	%	EPA 624	-88	-88	88	108	
2016/17-3	MO-VEN	srgt environ	12/21/2016	Organic	4-Bromofluorobenzene	n/a	=	46	µg/L	EPA 8015D	-88	-88			
2016/17-3	MO-VEN	srgt environ, rec	12/21/2016	Organic	4-Bromofluorobenzene	n/a	=	92	%	EPA 8015D	-88	-88	72	124	
2016/17-3	Lab	method blank	12/28/2016	Organic	4-Bromophenyl phenyl ether	n/a	<	0.36	µg/L	EPA 625	0.36	1			
2016/17-3	Lab	LCS	12/28/2016	Organic	4-Bromophenyl phenyl ether	n/a	=	19	µg/L	EPA 625	0.36	1			
2016/17-3	Lab	LCS, rec	12/28/2016	Organic	4-Bromophenyl phenyl ether	n/a	=	76	%	EPA 625	-88	-88	53	127	
2016/17-3	Lab	LCS dup	12/28/2016	Organic	4-Bromophenyl phenyl ether	n/a	=	21.7	µg/L	EPA 625	0.36	1			
2016/17-3	Lab	LCS dup, rec	12/28/2016	Organic	4-Bromophenyl phenyl ether	n/a	=	87	%	EPA 625	-88	-88	53	127	
2016/17-3	Lab	LCS, RPD	12/28/2016	Organic	4-Bromophenyl phenyl ether	n/a	=	13	%	EPA 625	-88	-88	0	30	
2016/17-3	Lab	method blank	12/30/2016	Organic	4-Bromophenyl phenyl ether	n/a	<	0.36	µg/L	EPA 625	0.36	1			
2016/17-3	Lab	LCS	12/30/2016	Organic	4-Bromophenyl phenyl ether	n/a	=	19	µg/L	EPA 625	0.36	1			
2016/17-3	Lab	LCS, rec	12/30/2016	Organic	4-Bromophenyl phenyl ether	n/a	=	76	%	EPA 625	-88	-88	53	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	
2016/17-3	Lab	LCS dup	12/30/2016	Organic	4-Bromophenyl phenyl ether	n/a	=	20.2	µg/L	EPA 625	0.36	1			
2016/17-3	Lab	LCS dup, rec	12/30/2016	Organic	4-Bromophenyl phenyl ether	n/a	=	81	%	EPA 625	-88	-88	53	127	
2016/17-3	Lab	LCS, RPD	12/30/2016	Organic	4-Bromophenyl phenyl ether	n/a	=	6	%	EPA 625	-88	-88	0	30	
2016/17-3	Lab	method blank	12/28/2016	Organic	4-Chloro-3-methylphenol	n/a	<	0.23	µg/L	EPA 625	0.23	1			
2016/17-3	Lab	LCS	12/28/2016	Organic	4-Chloro-3-methylphenol	n/a	=	20.8	µg/L	EPA 625	0.23	1			
2016/17-3	Lab	LCS, rec	12/28/2016	Organic	4-Chloro-3-methylphenol	n/a	=	83	%	EPA 625	-88	-88	22	147	
2016/17-3	Lab	LCS dup	12/28/2016	Organic	4-Chloro-3-methylphenol	n/a	=	24.8	µg/L	EPA 625	0.23	1			
2016/17-3	Lab	LCS dup, rec	12/28/2016	Organic	4-Chloro-3-methylphenol	n/a	=	99	%	EPA 625	-88	-88	22	147	
2016/17-3	Lab	LCS, RPD	12/28/2016	Organic	4-Chloro-3-methylphenol	n/a	=	18	%	EPA 625	-88	-88	0	30	
2016/17-3	Lab	method blank	12/30/2016	Organic	4-Chloro-3-methylphenol	n/a	<	0.23	µg/L	EPA 625	0.23	1			
2016/17-3	Lab	LCS	12/30/2016	Organic	4-Chloro-3-methylphenol	n/a	=	21.4	µg/L	EPA 625	0.23	1			
2016/17-3	Lab	LCS, rec	12/30/2016	Organic	4-Chloro-3-methylphenol	n/a	=	86	%	EPA 625	-88	-88	22	147	
2016/17-3	Lab	LCS dup	12/30/2016	Organic	4-Chloro-3-methylphenol	n/a	=	23	µg/L	EPA 625	0.23	1			
2016/17-3	Lab	LCS dup, rec	12/30/2016	Organic	4-Chloro-3-methylphenol	n/a	=	92	%	EPA 625	-88	-88	22	147	
2016/17-3	Lab	LCS, RPD	12/30/2016	Organic	4-Chloro-3-methylphenol	n/a	=	7	%	EPA 625	-88	-88	0	30	
2016/17-3	Lab	method blank	1/10/2017	Organic	4-Chloro-3-methylphenol	n/a	<	0.37	µg/L	EPA 8270C	0.37	1			
2016/17-3	Lab	LCS	1/10/2017	Organic	4-Chloro-3-methylphenol	n/a	=	9.03	µg/L	EPA 8270C	0.37	1			
2016/17-3	Lab	LCS, rec	1/10/2017	Organic	4-Chloro-3-methylphenol	n/a	=	90	%	EPA 8270C	-88	-88	29	108	
2016/17-3	Lab	LCS dup	1/10/2017	Organic	4-Chloro-3-methylphenol	n/a	=	9.52	µg/L	EPA 8270C	0.37	1			
2016/17-3	Lab	LCS dup, rec	1/10/2017	Organic	4-Chloro-3-methylphenol	n/a	=	95	%	EPA 8270C	-88	-88	29	108	
2016/17-3	Lab	LCS, RPD	1/10/2017	Organic	4-Chloro-3-methylphenol	n/a	=	5	%	EPA 8270C	-88	-88	0	30	
2016/17-3	Lab	method blank	12/28/2016	Organic	4-Chlorophenyl phenyl ether	n/a	<	0.41	µg/L	EPA 625	0.41	1			
2016/17-3	Lab	LCS	12/28/2016	Organic	4-Chlorophenyl phenyl ether	n/a	=	20.8	µg/L	EPA 625	0.41	1			
2016/17-3	Lab	LCS, rec	12/28/2016	Organic	4-Chlorophenyl phenyl ether	n/a	=	83	%	EPA 625	-88	-88	25	158	
2016/17-3	Lab	LCS dup	12/28/2016	Organic	4-Chlorophenyl phenyl ether	n/a	=	24.4	µg/L	EPA 625	0.41	1			
2016/17-3	Lab	LCS dup, rec	12/28/2016	Organic	4-Chlorophenyl phenyl ether	n/a	=	98	%	EPA 625	-88	-88	25	158	
2016/17-3	Lab	LCS, RPD	12/28/2016	Organic	4-Chlorophenyl phenyl ether	n/a	=	16	%	EPA 625	-88	-88	0	30	
2016/17-3	Lab	method blank	12/30/2016	Organic	4-Chlorophenyl phenyl ether	n/a	<	0.41	µg/L	EPA 625	0.41	1			
2016/17-3	Lab	LCS	12/30/2016	Organic	4-Chlorophenyl phenyl ether	n/a	=	22.4	µg/L	EPA 625	0.41	1			
2016/17-3	Lab	LCS, rec	12/30/2016	Organic	4-Chlorophenyl phenyl ether	n/a	=	90	%	EPA 625	-88	-88	25	158	
2016/17-3	Lab	LCS dup	12/30/2016	Organic	4-Chlorophenyl phenyl ether	n/a	=	23.8	µg/L	EPA 625	0.41	1			
2016/17-3	Lab	LCS dup, rec	12/30/2016	Organic	4-Chlorophenyl phenyl ether	n/a	=	95	%	EPA 625	-88	-88	25	158	
2016/17-3	Lab	LCS, RPD	12/30/2016	Organic	4-Chlorophenyl phenyl ether	n/a	=	6	%	EPA 625	-88	-88	0	30	
2016/17-3	Lab	method blank	12/28/2016	Organic	4-Nitrophenol	n/a	<	0.45	µg/L	EPA 625	0.45	5			
2016/17-3	Lab	LCS	12/28/2016	Organic	4-Nitrophenol	n/a	=	8.47	µg/L	EPA 625	0.45	5			
2016/17-3	Lab	LCS, rec	12/28/2016	Organic	4-Nitrophenol	n/a	=	34	%	EPA 625	-88	-88	0.1	132	
2016/17-3	Lab	LCS dup	12/28/2016	Organic	4-Nitrophenol	n/a	=	10.3	µg/L	EPA 625	0.45	5			
2016/17-3	Lab	LCS dup, rec	12/28/2016	Organic	4-Nitrophenol	n/a	=	41	%	EPA 625	-88	-88	0.1	132	
2016/17-3	Lab	LCS, RPD	12/28/2016	Organic	4-Nitrophenol	n/a	=	19	%	EPA 625	-88	-88	0	30	
2016/17-3	Lab	method blank	12/30/2016	Organic	4-Nitrophenol	n/a	<	0.45	µg/L	EPA 625	0.45	5			
2016/17-3	Lab	LCS	12/30/2016	Organic	4-Nitrophenol	n/a	=	6.72	µg/L	EPA 625	0.45	5			
2016/17-3	Lab	LCS, rec	12/30/2016	Organic	4-Nitrophenol	n/a	=	27	%	EPA 625	-88	-88	0.1	132	
2016/17-3	Lab	LCS dup	12/30/2016	Organic	4-Nitrophenol	n/a	=	7.56	µg/L	EPA 625	0.45	5			
2016/17-3	Lab	LCS dup, rec	12/30/2016	Organic	4-Nitrophenol	n/a	=	30	%	EPA 625	-88	-88	0.1	132	
2016/17-3	Lab	LCS, RPD	12/30/2016	Organic	4-Nitrophenol	n/a	=	12	%	EPA 625	-88	-88	0	30	
2016/17-3	Lab	method blank	1/10/2017	Organic	4-Nitrophenol	n/a	<	1	µg/L	EPA 8270C	1	2			
2016/17-3	Lab	LCS	1/10/2017	Organic	4-Nitrophenol	n/a	=	4.05	µg/L	EPA 8270C	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	
2016/17-3	Lab	LCS, rec	1/10/2017	Organic	4-Nitrophenol	n/a	=	40	%	EPA 8270C	-88	-88	6	46	
2016/17-3	Lab	LCS dup	1/10/2017	Organic	4-Nitrophenol	n/a	=	4.04	µg/L	EPA 8270C	1	2			
2016/17-3	Lab	LCS dup, rec	1/10/2017	Organic	4-Nitrophenol	n/a	=	40	%	EPA 8270C	-88	-88	6	46	
2016/17-3	Lab	LCS, RPD	1/10/2017	Organic	4-Nitrophenol	n/a	=	0.2	%	EPA 8270C	-88	-88	0	30	
2016/17-3	Lab	method blank	12/28/2016	Organic	Acenaphthene	n/a	<	0.38	µg/L	EPA 625	0.38	1			
2016/17-3	Lab	LCS	12/28/2016	Organic	Acenaphthene	n/a	=	20.6	µg/L	EPA 625	0.38	1			
2016/17-3	Lab	LCS, rec	12/28/2016	Organic	Acenaphthene	n/a	=	82	%	EPA 625	-88	-88	47	145	
2016/17-3	Lab	LCS dup	12/28/2016	Organic	Acenaphthene	n/a	=	24	µg/L	EPA 625	0.38	1			
2016/17-3	Lab	LCS dup, rec	12/28/2016	Organic	Acenaphthene	n/a	=	96	%	EPA 625	-88	-88	47	145	
2016/17-3	Lab	LCS, RPD	12/28/2016	Organic	Acenaphthene	n/a	=	15	%	EPA 625	-88	-88	0	30	
2016/17-3	Lab	method blank	12/30/2016	Organic	Acenaphthene	n/a	<	0.38	µg/L	EPA 625	0.38	1			
2016/17-3	Lab	LCS	12/30/2016	Organic	Acenaphthene	n/a	=	23.1	µg/L	EPA 625	0.38	1			
2016/17-3	Lab	LCS, rec	12/30/2016	Organic	Acenaphthene	n/a	=	92	%	EPA 625	-88	-88	47	145	
2016/17-3	Lab	LCS dup	12/30/2016	Organic	Acenaphthene	n/a	=	24.6	µg/L	EPA 625	0.38	1			
2016/17-3	Lab	LCS dup, rec	12/30/2016	Organic	Acenaphthene	n/a	=	98	%	EPA 625	-88	-88	47	145	
2016/17-3	Lab	LCS, RPD	12/30/2016	Organic	Acenaphthene	n/a	=	6	%	EPA 625	-88	-88	0	30	
2016/17-3	Lab	method blank	1/9/2017	Organic	Acenaphthene	n/a	<	0.1	µg/L	EPA 8270C	0.1	0.1			
2016/17-3	Lab	LCS	1/9/2017	Organic	Acenaphthene	n/a	=	9.26	µg/L	EPA 8270C	0.1	0.1			
2016/17-3	Lab	LCS, rec	1/9/2017	Organic	Acenaphthene	n/a	=	93	%	EPA 8270C	-88	-88	11	122	
2016/17-3	Lab	LCS dup	1/9/2017	Organic	Acenaphthene	n/a	=	9.57	µg/L	EPA 8270C	0.1	0.1			
2016/17-3	Lab	LCS dup, rec	1/9/2017	Organic	Acenaphthene	n/a	=	96	%	EPA 8270C	-88	-88	11	122	
2016/17-3	Lab	LCS, RPD	1/9/2017	Organic	Acenaphthene	n/a	=	3	%	EPA 8270C	-88	-88	0	30	
2016/17-3	Lab	method blank	12/28/2016	Organic	Acenaphthylene	n/a	<	0.4	µg/L	EPA 625	0.4	1			
2016/17-3	Lab	LCS	12/28/2016	Organic	Acenaphthylene	n/a	=	22.4	µg/L	EPA 625	0.4	1			
2016/17-3	Lab	LCS, rec	12/28/2016	Organic	Acenaphthylene	n/a	=	90	%	EPA 625	-88	-88	33	145	
2016/17-3	Lab	LCS dup	12/28/2016	Organic	Acenaphthylene	n/a	=	26.6	µg/L	EPA 625	0.4	1			
2016/17-3	Lab	LCS dup, rec	12/28/2016	Organic	Acenaphthylene	n/a	=	106	%	EPA 625	-88	-88	33	145	
2016/17-3	Lab	LCS, RPD	12/28/2016	Organic	Acenaphthylene	n/a	=	17	%	EPA 625	-88	-88	0	30	
2016/17-3	Lab	method blank	12/30/2016	Organic	Acenaphthylene	n/a	<	0.4	µg/L	EPA 625	0.4	1			
2016/17-3	Lab	LCS	12/30/2016	Organic	Acenaphthylene	n/a	=	23.6	µg/L	EPA 625	0.4	1			
2016/17-3	Lab	LCS, rec	12/30/2016	Organic	Acenaphthylene	n/a	=	94	%	EPA 625	-88	-88	33	145	
2016/17-3	Lab	LCS dup	12/30/2016	Organic	Acenaphthylene	n/a	=	24.3	µg/L	EPA 625	0.4	1			
2016/17-3	Lab	LCS dup, rec	12/30/2016	Organic	Acenaphthylene	n/a	=	97	%	EPA 625	-88	-88	33	145	
2016/17-3	Lab	LCS, RPD	12/30/2016	Organic	Acenaphthylene	n/a	=	3	%	EPA 625	-88	-88	0	30	
2016/17-3	Lab	method blank	1/9/2017	Organic	Acenaphthylene	n/a	<	0.1	µg/L	EPA 8270C	0.1	0.1			
2016/17-3	Lab	LCS	1/9/2017	Organic	Acenaphthylene	n/a	=	9.84	µg/L	EPA 8270C	0.1	0.1			
2016/17-3	Lab	LCS, rec	1/9/2017	Organic	Acenaphthylene	n/a	=	98	%	EPA 8270C	-88	-88	4	135	
2016/17-3	Lab	LCS dup	1/9/2017	Organic	Acenaphthylene	n/a	=	10.1	µg/L	EPA 8270C	0.1	0.1			
2016/17-3	Lab	LCS dup, rec	1/9/2017	Organic	Acenaphthylene	n/a	=	101	%	EPA 8270C	-88	-88	4	135	
2016/17-3	Lab	LCS, RPD	1/9/2017	Organic	Acenaphthylene	n/a	=	3	%	EPA 8270C	-88	-88	0	30	
2016/17-3	Lab	method blank	12/28/2016	Organic	Anthracene	n/a	<	0.34	µg/L	EPA 625	0.34	1			
2016/17-3	Lab	LCS	12/28/2016	Organic	Anthracene	n/a	=	22	µg/L	EPA 625	0.34	1			
2016/17-3	Lab	LCS, rec	12/28/2016	Organic	Anthracene	n/a	=	88	%	EPA 625	-88	-88	27	133	
2016/17-3	Lab	LCS dup	12/28/2016	Organic	Anthracene	n/a	=	23.9	µg/L	EPA 625	0.34	1			
2016/17-3	Lab	LCS dup, rec	12/28/2016	Organic	Anthracene	n/a	=	95	%	EPA 625	-88	-88	27	133	
2016/17-3	Lab	LCS, RPD	12/28/2016	Organic	Anthracene	n/a	=	8	%	EPA 625	-88	-88	0	30	
2016/17-3	Lab	method blank	12/30/2016	Organic	Anthracene	n/a	<	0.34	µg/L	EPA 625	0.34	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	
2016/17-3	Lab	LCS	12/30/2016	Organic	Anthracene	n/a	=	22.3	µg/L	EPA 625	0.34	1			
2016/17-3	Lab	LCS, rec	12/30/2016	Organic	Anthracene	n/a	=	89	%	EPA 625	-88	-88	27	133	
2016/17-3	Lab	LCS dup	12/30/2016	Organic	Anthracene	n/a	=	24.3	µg/L	EPA 625	0.34	1			
2016/17-3	Lab	LCS dup, rec	12/30/2016	Organic	Anthracene	n/a	=	97	%	EPA 625	-88	-88	27	133	
2016/17-3	Lab	LCS, RPD	12/30/2016	Organic	Anthracene	n/a	=	9	%	EPA 625	-88	-88	0	30	
2016/17-3	Lab	method blank	1/9/2017	Organic	Anthracene	n/a	<	0.1	µg/L	EPA 8270C	0.1	0.1			
2016/17-3	Lab	LCS	1/9/2017	Organic	Anthracene	n/a	=	8.95	µg/L	EPA 8270C	0.1	0.1			
2016/17-3	Lab	LCS, rec	1/9/2017	Organic	Anthracene	n/a	=	89	%	EPA 8270C	-88	-88	22	127	
2016/17-3	Lab	LCS dup	1/9/2017	Organic	Anthracene	n/a	=	9.23	µg/L	EPA 8270C	0.1	0.1			
2016/17-3	Lab	LCS dup, rec	1/9/2017	Organic	Anthracene	n/a	=	92	%	EPA 8270C	-88	-88	22	127	
2016/17-3	Lab	LCS, RPD	1/9/2017	Organic	Anthracene	n/a	=	3	%	EPA 8270C	-88	-88	0	30	
2016/17-3	Lab	method blank	12/28/2016	Organic	Benz(a)anthracene	n/a	<	0.19	µg/L	EPA 625	0.19	1			
2016/17-3	Lab	LCS	12/28/2016	Organic	Benz(a)anthracene	n/a	=	26.4	µg/L	EPA 625	0.19	1			
2016/17-3	Lab	LCS, rec	12/28/2016	Organic	Benz(a)anthracene	n/a	=	106	%	EPA 625	-88	-88	33	143	
2016/17-3	Lab	LCS dup	12/28/2016	Organic	Benz(a)anthracene	n/a	=	29.8	µg/L	EPA 625	0.19	1			
2016/17-3	Lab	LCS dup, rec	12/28/2016	Organic	Benz(a)anthracene	n/a	=	119	%	EPA 625	-88	-88	33	143	
2016/17-3	Lab	LCS, RPD	12/28/2016	Organic	Benz(a)anthracene	n/a	=	12	%	EPA 625	-88	-88	0	30	
2016/17-3	Lab	method blank	12/30/2016	Organic	Benz(a)anthracene	n/a	<	0.19	µg/L	EPA 625	0.19	1			
2016/17-3	Lab	LCS	12/30/2016	Organic	Benz(a)anthracene	n/a	=	22.1	µg/L	EPA 625	0.19	1			
2016/17-3	Lab	LCS, rec	12/30/2016	Organic	Benz(a)anthracene	n/a	=	88	%	EPA 625	-88	-88	33	143	
2016/17-3	Lab	LCS dup	12/30/2016	Organic	Benz(a)anthracene	n/a	=	24.9	µg/L	EPA 625	0.19	1			
2016/17-3	Lab	LCS dup, rec	12/30/2016	Organic	Benz(a)anthracene	n/a	=	100	%	EPA 625	-88	-88	33	143	
2016/17-3	Lab	LCS, RPD	12/30/2016	Organic	Benz(a)anthracene	n/a	=	12	%	EPA 625	-88	-88	0	30	
2016/17-3	Lab	method blank	1/9/2017	Organic	Benz(a)anthracene	n/a	<	0.1	µg/L	EPA 8270C	0.1	0.1			
2016/17-3	Lab	LCS	1/9/2017	Organic	Benz(a)anthracene	n/a	=	12	µg/L	EPA 8270C	0.1	0.1			
2016/17-3	Lab	LCS, rec	1/9/2017	Organic	Benz(a)anthracene	n/a	=	120	%	EPA 8270C	-88	-88	17	131	
2016/17-3	Lab	LCS dup	1/9/2017	Organic	Benz(a)anthracene	n/a	=	12.5	µg/L	EPA 8270C	0.1	0.1			
2016/17-3	Lab	LCS dup, rec	1/9/2017	Organic	Benz(a)anthracene	n/a	=	125	%	EPA 8270C	-88	-88	17	131	
2016/17-3	Lab	LCS, RPD	1/9/2017	Organic	Benz(a)anthracene	n/a	=	4	%	EPA 8270C	-88	-88	0	30	
2016/17-3	Lab	method blank	12/28/2016	Organic	Benzidine	n/a	<	3.7	µg/L	EPA 625	3.7	10			
2016/17-3	Lab	method blank	12/30/2016	Organic	Benzidine	n/a	<	3.7	µg/L	EPA 625	3.7	10			
2016/17-3	Lab	method blank	12/27/2016	Organic	Benzo(a)pyrene	n/a	<	0.07	µg/L	EPA 525.2	0.07	0.1			
2016/17-3	Lab	LCS	12/27/2016	Organic	Benzo(a)pyrene	n/a	=	5.1	µg/L	EPA 525.2	0.07	0.1			
2016/17-3	Lab	LCS, rec	12/27/2016	Organic	Benzo(a)pyrene	n/a	=	102	%	EPA 525.2	-88	-88	40	147	
2016/17-3	Lab	LCS dup	12/27/2016	Organic	Benzo(a)pyrene	n/a	=	4.9	µg/L	EPA 525.2	0.07	0.1			
2016/17-3	Lab	LCS dup, rec	12/27/2016	Organic	Benzo(a)pyrene	n/a	=	98	%	EPA 525.2	-88	-88	40	147	
2016/17-3	Lab	LCS, RPD	12/27/2016	Organic	Benzo(a)pyrene	n/a	=	4	%	EPA 525.2	-88	-88	0	30	
2016/17-3	Lab	method blank	12/28/2016	Organic	Benzo(a)pyrene	n/a	<	0.13	µg/L	EPA 625	0.13	1			
2016/17-3	Lab	LCS	12/28/2016	Organic	Benzo(a)pyrene	n/a	=	28.2	µg/L	EPA 625	0.13	1			
2016/17-3	Lab	LCS, rec	12/28/2016	Organic	Benzo(a)pyrene	n/a	=	113	%	EPA 625	-88	-88	17	163	
2016/17-3	Lab	LCS dup	12/28/2016	Organic	Benzo(a)pyrene	n/a	=	27.1	µg/L	EPA 625	0.13	1			
2016/17-3	Lab	LCS dup, rec	12/28/2016	Organic	Benzo(a)pyrene	n/a	=	108	%	EPA 625	-88	-88	17	163	
2016/17-3	Lab	LCS, RPD	12/28/2016	Organic	Benzo(a)pyrene	n/a	=	4	%	EPA 625	-88	-88	0	30	
2016/17-3	Lab	method blank	12/30/2016	Organic	Benzo(a)pyrene	n/a	<	0.13	µg/L	EPA 625	0.13	1			
2016/17-3	Lab	LCS	12/30/2016	Organic	Benzo(a)pyrene	n/a	=	26	µg/L	EPA 625	0.13	1			
2016/17-3	Lab	LCS, rec	12/30/2016	Organic	Benzo(a)pyrene	n/a	=	104	%	EPA 625	-88	-88	17	163	
2016/17-3	Lab	LCS dup	12/30/2016	Organic	Benzo(a)pyrene	n/a	=	25.5	µg/L	EPA 625	0.13	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	
2016/17-3	Lab	LCS dup, rec	12/30/2016	Organic	Benzo(a)pyrene	n/a	=	102	%	EPA 625	-88	-88	17	163	
2016/17-3	Lab	LCS, RPD	12/30/2016	Organic	Benzo(a)pyrene	n/a	=	2	%	EPA 625	-88	-88	0	30	
2016/17-3	Lab	method blank	1/9/2017	Organic	Benzo(a)pyrene	n/a	<	0.1	µg/L	EPA 8270C	0.1	0.1			
2016/17-3	Lab	LCS	1/9/2017	Organic	Benzo(a)pyrene	n/a	=	9.77	µg/L	EPA 8270C	0.1	0.1			
2016/17-3	Lab	LCS, rec	1/9/2017	Organic	Benzo(a)pyrene	n/a	=	98	%	EPA 8270C	-88	-88	12	131	
2016/17-3	Lab	LCS dup	1/9/2017	Organic	Benzo(a)pyrene	n/a	=	10.2	µg/L	EPA 8270C	0.1	0.1			
2016/17-3	Lab	LCS dup, rec	1/9/2017	Organic	Benzo(a)pyrene	n/a	=	102	%	EPA 8270C	-88	-88	12	131	
2016/17-3	Lab	LCS, RPD	1/9/2017	Organic	Benzo(a)pyrene	n/a	=	4	%	EPA 8270C	-88	-88	0	30	
2016/17-3	Lab	method blank	12/28/2016	Organic	Benzo(b)fluoranthene	n/a	<	0.14	µg/L	EPA 625	0.14	1			
2016/17-3	Lab	LCS	12/28/2016	Organic	Benzo(b)fluoranthene	n/a	=	28.8	µg/L	EPA 625	0.14	1			
2016/17-3	Lab	LCS, rec	12/28/2016	Organic	Benzo(b)fluoranthene	n/a	=	115	%	EPA 625	-88	-88	24	159	
2016/17-3	Lab	LCS dup	12/28/2016	Organic	Benzo(b)fluoranthene	n/a	=	26.4	µg/L	EPA 625	0.14	1			
2016/17-3	Lab	LCS dup, rec	12/28/2016	Organic	Benzo(b)fluoranthene	n/a	=	106	%	EPA 625	-88	-88	24	159	
2016/17-3	Lab	LCS, RPD	12/28/2016	Organic	Benzo(b)fluoranthene	n/a	=	9	%	EPA 625	-88	-88	0	30	
2016/17-3	Lab	method blank	12/30/2016	Organic	Benzo(b)fluoranthene	n/a	<	0.14	µg/L	EPA 625	0.14	1			
2016/17-3	Lab	LCS	12/30/2016	Organic	Benzo(b)fluoranthene	n/a	=	26.6	µg/L	EPA 625	0.14	1			
2016/17-3	Lab	LCS, rec	12/30/2016	Organic	Benzo(b)fluoranthene	n/a	=	106	%	EPA 625	-88	-88	24	159	
2016/17-3	Lab	LCS dup	12/30/2016	Organic	Benzo(b)fluoranthene	n/a	=	26.7	µg/L	EPA 625	0.14	1			
2016/17-3	Lab	LCS dup, rec	12/30/2016	Organic	Benzo(b)fluoranthene	n/a	=	107	%	EPA 625	-88	-88	24	159	
2016/17-3	Lab	LCS, RPD	12/30/2016	Organic	Benzo(b)fluoranthene	n/a	=	0.4	%	EPA 625	-88	-88	0	30	
2016/17-3	Lab	method blank	1/9/2017	Organic	Benzo(b)fluoranthene	n/a	<	0.1	µg/L	EPA 8270C	0.1	0.1			
2016/17-3	Lab	LCS	1/9/2017	Organic	Benzo(b)fluoranthene	n/a	=	9.87	µg/L	EPA 8270C	0.1	0.1			
2016/17-3	Lab	LCS, rec	1/9/2017	Organic	Benzo(b)fluoranthene	n/a	=	99	%	EPA 8270C	-88	-88	19	129	
2016/17-3	Lab	LCS dup	1/9/2017	Organic	Benzo(b)fluoranthene	n/a	=	10.4	µg/L	EPA 8270C	0.1	0.1			
2016/17-3	Lab	LCS dup, rec	1/9/2017	Organic	Benzo(b)fluoranthene	n/a	=	104	%	EPA 8270C	-88	-88	19	129	
2016/17-3	Lab	LCS, RPD	1/9/2017	Organic	Benzo(b)fluoranthene	n/a	=	5	%	EPA 8270C	-88	-88	0	30	
2016/17-3	Lab	method blank	12/28/2016	Organic	Benzo(g,h,i)perylene	n/a	<	0.1	µg/L	EPA 625	0.1	2			
2016/17-3	Lab	LCS	12/28/2016	Organic	Benzo(g,h,i)perylene	n/a	=	24.3	µg/L	EPA 625	0.1	2			
2016/17-3	Lab	LCS, rec	12/28/2016	Organic	Benzo(g,h,i)perylene	n/a	=	97	%	EPA 625	-88	-88	0.1	219	
2016/17-3	Lab	LCS dup	12/28/2016	Organic	Benzo(g,h,i)perylene	n/a	=	27.6	µg/L	EPA 625	0.1	2			
2016/17-3	Lab	LCS dup, rec	12/28/2016	Organic	Benzo(g,h,i)perylene	n/a	=	110	%	EPA 625	-88	-88	0.1	219	
2016/17-3	Lab	LCS, RPD	12/28/2016	Organic	Benzo(g,h,i)perylene	n/a	=	13	%	EPA 625	-88	-88	0	30	
2016/17-3	Lab	method blank	12/30/2016	Organic	Benzo(g,h,i)perylene	n/a	<	0.1	µg/L	EPA 625	0.1	2			
2016/17-3	Lab	LCS	12/30/2016	Organic	Benzo(g,h,i)perylene	n/a	=	22.3	µg/L	EPA 625	0.1	2			
2016/17-3	Lab	LCS, rec	12/30/2016	Organic	Benzo(g,h,i)perylene	n/a	=	89	%	EPA 625	-88	-88	0.1	219	
2016/17-3	Lab	LCS dup	12/30/2016	Organic	Benzo(g,h,i)perylene	n/a	=	23.6	µg/L	EPA 625	0.1	2			
2016/17-3	Lab	LCS dup, rec	12/30/2016	Organic	Benzo(g,h,i)perylene	n/a	=	94	%	EPA 625	-88	-88	0.1	219	
2016/17-3	Lab	LCS, RPD	12/30/2016	Organic	Benzo(g,h,i)perylene	n/a	=	6	%	EPA 625	-88	-88	0	30	
2016/17-3	Lab	method blank	1/9/2017	Organic	Benzo(g,h,i)perylene	n/a	<	0.1	µg/L	EPA 8270C	0.1	0.1			
2016/17-3	Lab	LCS	1/9/2017	Organic	Benzo(g,h,i)perylene	n/a	=	8.78	µg/L	EPA 8270C	0.1	0.1			
2016/17-3	Lab	LCS, rec	1/9/2017	Organic	Benzo(g,h,i)perylene	n/a	=	88	%	EPA 8270C	-88	-88	14	139	
2016/17-3	Lab	LCS dup	1/9/2017	Organic	Benzo(g,h,i)perylene	n/a	=	9.33	µg/L	EPA 8270C	0.1	0.1			
2016/17-3	Lab	LCS dup, rec	1/9/2017	Organic	Benzo(g,h,i)perylene	n/a	=	93	%	EPA 8270C	-88	-88	14	139	
2016/17-3	Lab	LCS, RPD	1/9/2017	Organic	Benzo(g,h,i)perylene	n/a	=	6	%	EPA 8270C	-88	-88	0	30	
2016/17-3	Lab	method blank	12/28/2016	Organic	Benzo(k)fluoranthene	n/a	<	0.22	µg/L	EPA 625	0.22	1			
2016/17-3	Lab	LCS	12/28/2016	Organic	Benzo(k)fluoranthene	n/a	=	28.8	µg/L	EPA 625	0.22	1			
2016/17-3	Lab	LCS, rec	12/28/2016	Organic	Benzo(k)fluoranthene	n/a	=	115	%	EPA 625	-88	-88	11	162	

Appendix F
Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2016/17-3	Lab	LCS dup	12/28/2016	Organic	Benzo(k)fluoranthene	n/a	=	27.7	µg/L	EPA 625	0.22	1			
2016/17-3	Lab	LCS dup, rec	12/28/2016	Organic	Benzo(k)fluoranthene	n/a	=	111	%	EPA 625	-88	-88	11	162	
2016/17-3	Lab	LCS, RPD	12/28/2016	Organic	Benzo(k)fluoranthene	n/a	=	4	%	EPA 625	-88	-88	0	30	
2016/17-3	Lab	method blank	12/30/2016	Organic	Benzo(k)fluoranthene	n/a	<	0.22	µg/L	EPA 625	0.22	1			
2016/17-3	Lab	LCS	12/30/2016	Organic	Benzo(k)fluoranthene	n/a	=	29.2	µg/L	EPA 625	0.22	1			
2016/17-3	Lab	LCS, rec	12/30/2016	Organic	Benzo(k)fluoranthene	n/a	=	117	%	EPA 625	-88	-88	11	162	
2016/17-3	Lab	LCS dup	12/30/2016	Organic	Benzo(k)fluoranthene	n/a	=	29.4	µg/L	EPA 625	0.22	1			
2016/17-3	Lab	LCS dup, rec	12/30/2016	Organic	Benzo(k)fluoranthene	n/a	=	118	%	EPA 625	-88	-88	11	162	
2016/17-3	Lab	LCS, RPD	12/30/2016	Organic	Benzo(k)fluoranthene	n/a	=	0.7	%	EPA 625	-88	-88	0	30	
2016/17-3	Lab	method blank	1/9/2017	Organic	Benzo(k)fluoranthene	n/a	<	0.1	µg/L	EPA 8270C	0.1	0.1			
2016/17-3	Lab	LCS	1/9/2017	Organic	Benzo(k)fluoranthene	n/a	=	9.94	µg/L	EPA 8270C	0.1	0.1			
2016/17-3	Lab	LCS, rec	1/9/2017	Organic	Benzo(k)fluoranthene	n/a	=	99	%	EPA 8270C	-88	-88	22	127	
2016/17-3	Lab	LCS dup	1/9/2017	Organic	Benzo(k)fluoranthene	n/a	=	10.6	µg/L	EPA 8270C	0.1	0.1			
2016/17-3	Lab	LCS dup, rec	1/9/2017	Organic	Benzo(k)fluoranthene	n/a	=	106	%	EPA 8270C	-88	-88	22	127	
2016/17-3	Lab	LCS, RPD	1/9/2017	Organic	Benzo(k)fluoranthene	n/a	=	6	%	EPA 8270C	-88	-88	0	30	
2016/17-3	Lab	method blank	12/28/2016	Organic	Bis(2-chloroethoxy)methane	n/a	<	0.25	µg/L	EPA 625	0.25	1			
2016/17-3	Lab	LCS	12/28/2016	Organic	Bis(2-chloroethoxy)methane	n/a	=	19.9	µg/L	EPA 625	0.25	1			
2016/17-3	Lab	LCS, rec	12/28/2016	Organic	Bis(2-chloroethoxy)methane	n/a	=	80	%	EPA 625	-88	-88	33	184	
2016/17-3	Lab	LCS dup	12/28/2016	Organic	Bis(2-chloroethoxy)methane	n/a	=	24	µg/L	EPA 625	0.25	1			
2016/17-3	Lab	LCS dup, rec	12/28/2016	Organic	Bis(2-chloroethoxy)methane	n/a	=	96	%	EPA 625	-88	-88	33	184	
2016/17-3	Lab	LCS, RPD	12/28/2016	Organic	Bis(2-chloroethoxy)methane	n/a	=	19	%	EPA 625	-88	-88	0	30	
2016/17-3	Lab	method blank	12/30/2016	Organic	Bis(2-chloroethoxy)methane	n/a	<	0.25	µg/L	EPA 625	0.25	1			
2016/17-3	Lab	LCS	12/30/2016	Organic	Bis(2-chloroethoxy)methane	n/a	=	22	µg/L	EPA 625	0.25	1			
2016/17-3	Lab	LCS, rec	12/30/2016	Organic	Bis(2-chloroethoxy)methane	n/a	=	88	%	EPA 625	-88	-88	33	184	
2016/17-3	Lab	LCS dup	12/30/2016	Organic	Bis(2-chloroethoxy)methane	n/a	=	23	µg/L	EPA 625	0.25	1			
2016/17-3	Lab	LCS dup, rec	12/30/2016	Organic	Bis(2-chloroethoxy)methane	n/a	=	92	%	EPA 625	-88	-88	33	184	
2016/17-3	Lab	LCS, RPD	12/30/2016	Organic	Bis(2-chloroethoxy)methane	n/a	=	4	%	EPA 625	-88	-88	0	30	
2016/17-3	Lab	method blank	12/28/2016	Organic	Bis(2-chloroethyl)ether	n/a	<	0.27	µg/L	EPA 625	0.27	1			
2016/17-3	Lab	LCS	12/28/2016	Organic	Bis(2-chloroethyl)ether	n/a	=	19.2	µg/L	EPA 625	0.27	1			
2016/17-3	Lab	LCS, rec	12/28/2016	Organic	Bis(2-chloroethyl)ether	n/a	=	77	%	EPA 625	-88	-88	12	158	
2016/17-3	Lab	LCS dup	12/28/2016	Organic	Bis(2-chloroethyl)ether	n/a	=	22.1	µg/L	EPA 625	0.27	1			
2016/17-3	Lab	LCS dup, rec	12/28/2016	Organic	Bis(2-chloroethyl)ether	n/a	=	88	%	EPA 625	-88	-88	12	158	
2016/17-3	Lab	LCS, RPD	12/28/2016	Organic	Bis(2-chloroethyl)ether	n/a	=	14	%	EPA 625	-88	-88	0	30	
2016/17-3	Lab	method blank	12/30/2016	Organic	Bis(2-chloroethyl)ether	n/a	<	0.27	µg/L	EPA 625	0.27	1			
2016/17-3	Lab	LCS	12/30/2016	Organic	Bis(2-chloroethyl)ether	n/a	=	20.9	µg/L	EPA 625	0.27	1			
2016/17-3	Lab	LCS, rec	12/30/2016	Organic	Bis(2-chloroethyl)ether	n/a	=	84	%	EPA 625	-88	-88	12	158	
2016/17-3	Lab	LCS dup	12/30/2016	Organic	Bis(2-chloroethyl)ether	n/a	=	22.8	µg/L	EPA 625	0.27	1			
2016/17-3	Lab	LCS dup, rec	12/30/2016	Organic	Bis(2-chloroethyl)ether	n/a	=	91	%	EPA 625	-88	-88	12	158	
2016/17-3	Lab	LCS, RPD	12/30/2016	Organic	Bis(2-chloroethyl)ether	n/a	=	9	%	EPA 625	-88	-88	0	30	
2016/17-3	Lab	method blank	12/28/2016	Organic	Bis(2-chloroisopropyl)ether	n/a	<	0.38	µg/L	EPA 625	0.38	1			
2016/17-3	Lab	LCS	12/28/2016	Organic	Bis(2-chloroisopropyl)ether	n/a	=	19.9	µg/L	EPA 625	0.38	1			
2016/17-3	Lab	LCS, rec	12/28/2016	Organic	Bis(2-chloroisopropyl)ether	n/a	=	80	%	EPA 625	-88	-88	36	166	
2016/17-3	Lab	LCS dup	12/28/2016	Organic	Bis(2-chloroisopropyl)ether	n/a	=	23.6	µg/L	EPA 625	0.38	1			
2016/17-3	Lab	LCS dup, rec	12/28/2016	Organic	Bis(2-chloroisopropyl)ether	n/a	=	94	%	EPA 625	-88	-88	36	166	
2016/17-3	Lab	LCS, RPD	12/28/2016	Organic	Bis(2-chloroisopropyl)ether	n/a	=	17	%	EPA 625	-88	-88	0	30	
2016/17-3	Lab	method blank	12/30/2016	Organic	Bis(2-chloroisopropyl)ether	n/a	<	0.38	µg/L	EPA 625	0.38	1			
2016/17-3	Lab	LCS	12/30/2016	Organic	Bis(2-chloroisopropyl)ether	n/a	=	22.4	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	
2016/17-3	Lab	LCS, rec	12/30/2016	Organic	Bis(2-chloroisopropyl)ether	n/a	=	90	%	EPA 625	-88	-88	36	166	
2016/17-3	Lab	LCS dup	12/30/2016	Organic	Bis(2-chloroisopropyl)ether	n/a	=	23.9	µg/L	EPA 625	0.38	1			
2016/17-3	Lab	LCS dup, rec	12/30/2016	Organic	Bis(2-chloroisopropyl)ether	n/a	=	96	%	EPA 625	-88	-88	36	166	
2016/17-3	Lab	LCS, RPD	12/30/2016	Organic	Bis(2-chloroisopropyl)ether	n/a	=	6	%	EPA 625	-88	-88	0	30	
2016/17-3	Lab	method blank	12/27/2016	Organic	Bis(2-ethylhexyl)adipate	n/a	<	0.1	µg/L	EPA 525.2	0.1	5			
2016/17-3	Lab	LCS	12/27/2016	Organic	Bis(2-ethylhexyl)adipate	n/a	DNQ	4.91	µg/L	EPA 525.2	0.1	5			
2016/17-3	Lab	LCS, rec	12/27/2016	Organic	Bis(2-ethylhexyl)adipate	n/a	=	98	%	EPA 525.2	-88	-88	71	158	
2016/17-3	Lab	LCS dup	12/27/2016	Organic	Bis(2-ethylhexyl)adipate	n/a	=	5.22	µg/L	EPA 525.2	0.1	5			
2016/17-3	Lab	LCS dup, rec	12/27/2016	Organic	Bis(2-ethylhexyl)adipate	n/a	=	104	%	EPA 525.2	-88	-88	71	158	
2016/17-3	Lab	LCS, RPD	12/27/2016	Organic	Bis(2-ethylhexyl)adipate	n/a	=	6	%	EPA 525.2	-88	-88	0	30	
2016/17-3	Lab	method blank	12/27/2016	Organic	Bis(2-ethylhexyl)phthalate	n/a	<	1.1	µg/L	EPA 525.2	1.1	3			
2016/17-3	Lab	LCS	12/27/2016	Organic	Bis(2-ethylhexyl)phthalate	n/a	=	5.61	µg/L	EPA 525.2	1.1	3			
2016/17-3	Lab	LCS, rec	12/27/2016	Organic	Bis(2-ethylhexyl)phthalate	n/a	=	112	%	EPA 525.2	-88	-88	68	154	
2016/17-3	Lab	LCS dup	12/27/2016	Organic	Bis(2-ethylhexyl)phthalate	n/a	=	6.6	µg/L	EPA 525.2	1.1	3			
2016/17-3	Lab	LCS dup, rec	12/27/2016	Organic	Bis(2-ethylhexyl)phthalate	n/a	=	132	%	EPA 525.2	-88	-88	68	154	
2016/17-3	Lab	LCS, RPD	12/27/2016	Organic	Bis(2-ethylhexyl)phthalate	n/a	=	16	%	EPA 525.2	-88	-88	0	30	
2016/17-3	Lab	method blank	12/28/2016	Organic	Bis(2-ethylhexyl)phthalate	n/a	<	2.3	µg/L	EPA 625	2.3	5			
2016/17-3	Lab	LCS	12/28/2016	Organic	Bis(2-ethylhexyl)phthalate	n/a	=	32.7	µg/L	EPA 625	2.3	5			
2016/17-3	Lab	LCS, rec	12/28/2016	Organic	Bis(2-ethylhexyl)phthalate	n/a	=	131	%	EPA 625	-88	-88	8	158	
2016/17-3	Lab	LCS dup	12/28/2016	Organic	Bis(2-ethylhexyl)phthalate	n/a	=	39.5	µg/L	EPA 625	2.3	5			
2016/17-3	Lab	LCS dup, rec	12/28/2016	Organic	Bis(2-ethylhexyl)phthalate	n/a	=	158	%	EPA 625	-88	-88	8	158	
2016/17-3	Lab	LCS, RPD	12/28/2016	Organic	Bis(2-ethylhexyl)phthalate	n/a	=	19	%	EPA 625	-88	-88	0	30	
2016/17-3	Lab	method blank	12/30/2016	Organic	Bis(2-ethylhexyl)phthalate	n/a	<	2.3	µg/L	EPA 625	2.3	5			
2016/17-3	Lab	LCS	12/30/2016	Organic	Bis(2-ethylhexyl)phthalate	n/a	=	19.9	µg/L	EPA 625	2.3	5			
2016/17-3	Lab	LCS, rec	12/30/2016	Organic	Bis(2-ethylhexyl)phthalate	n/a	=	80	%	EPA 625	-88	-88	8	158	
2016/17-3	Lab	LCS dup	12/30/2016	Organic	Bis(2-ethylhexyl)phthalate	n/a	=	23.5	µg/L	EPA 625	2.3	5			
2016/17-3	Lab	LCS dup, rec	12/30/2016	Organic	Bis(2-ethylhexyl)phthalate	n/a	=	94	%	EPA 625	-88	-88	8	158	
2016/17-3	Lab	LCS, RPD	12/30/2016	Organic	Bis(2-ethylhexyl)phthalate	n/a	=	17	%	EPA 625	-88	-88	0	30	
2016/17-3	Lab	method blank	1/5/2017	Organic	Bis(2-ethylhexyl)phthalate	n/a	<	2.3	µg/L	EPA 625	2.3	5			
2016/17-3	Lab	LCS	1/5/2017	Organic	Bis(2-ethylhexyl)phthalate	n/a	=	34.1	µg/L	EPA 625	2.3	5			
2016/17-3	Lab	LCS, rec	1/5/2017	Organic	Bis(2-ethylhexyl)phthalate	n/a	=	137	%	EPA 625	-88	-88	8	158	
2016/17-3	Lab	LCS dup	1/5/2017	Organic	Bis(2-ethylhexyl)phthalate	n/a	=	38.7	µg/L	EPA 625	2.3	5			
2016/17-3	Lab	LCS dup, rec	1/5/2017	Organic	Bis(2-ethylhexyl)phthalate	n/a	=	155	%	EPA 625	-88	-88	8	158	
2016/17-3	Lab	LCS, RPD	1/5/2017	Organic	Bis(2-ethylhexyl)phthalate	n/a	=	13	%	EPA 625	-88	-88	0	30	
2016/17-3	Lab	method blank	12/28/2016	Organic	Butyl benzyl phthalate	n/a	<	0.18	µg/L	EPA 625	0.18	1			
2016/17-3	Lab	LCS	12/28/2016	Organic	Butyl benzyl phthalate	n/a	=	21.9	µg/L	EPA 625	0.18	1			
2016/17-3	Lab	LCS, rec	12/28/2016	Organic	Butyl benzyl phthalate	n/a	=	87	%	EPA 625	-88	-88	0.1	152	
2016/17-3	Lab	LCS dup	12/28/2016	Organic	Butyl benzyl phthalate	n/a	=	24.8	µg/L	EPA 625	0.18	1			
2016/17-3	Lab	LCS dup, rec	12/28/2016	Organic	Butyl benzyl phthalate	n/a	=	99	%	EPA 625	-88	-88	0.1	152	
2016/17-3	Lab	LCS, RPD	12/28/2016	Organic	Butyl benzyl phthalate	n/a	=	13	%	EPA 625	-88	-88	0	30	
2016/17-3	Lab	method blank	12/30/2016	Organic	Butyl benzyl phthalate	n/a	<	0.18	µg/L	EPA 625	0.18	1			
2016/17-3	Lab	LCS	12/30/2016	Organic	Butyl benzyl phthalate	n/a	=	19.2	µg/L	EPA 625	0.18	1			
2016/17-3	Lab	LCS, rec	12/30/2016	Organic	Butyl benzyl phthalate	n/a	=	77	%	EPA 625	-88	-88	0.1	152	
2016/17-3	Lab	LCS dup	12/30/2016	Organic	Butyl benzyl phthalate	n/a	=	21.4	µg/L	EPA 625	0.18	1			
2016/17-3	Lab	LCS dup, rec	12/30/2016	Organic	Butyl benzyl phthalate	n/a	=	85	%	EPA 625	-88	-88	0.1	152	
2016/17-3	Lab	LCS, RPD	12/30/2016	Organic	Butyl benzyl phthalate	n/a	=	11	%	EPA 625	-88	-88	0	30	
2016/17-3	Lab	method blank	12/28/2016	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	
2016/17-3	Lab	LCS	12/28/2016	Organic	Chrysene	n/a	=	23.9	µg/L	EPA 625	0.19	1			
2016/17-3	Lab	LCS, rec	12/28/2016	Organic	Chrysene	n/a	=	96	%	EPA 625	-88	-88	17	168	
2016/17-3	Lab	LCS dup	12/28/2016	Organic	Chrysene	n/a	=	26.1	µg/L	EPA 625	0.19	1			
2016/17-3	Lab	LCS dup, rec	12/28/2016	Organic	Chrysene	n/a	=	104	%	EPA 625	-88	-88	17	168	
2016/17-3	Lab	LCS, RPD	12/28/2016	Organic	Chrysene	n/a	=	9	%	EPA 625	-88	-88	0	30	
2016/17-3	Lab	method blank	12/30/2016	Organic	Chrysene	n/a	<	0.19	µg/L	EPA 625	0.19	1			
2016/17-3	Lab	LCS	12/30/2016	Organic	Chrysene	n/a	=	24.8	µg/L	EPA 625	0.19	1			
2016/17-3	Lab	LCS, rec	12/30/2016	Organic	Chrysene	n/a	=	99	%	EPA 625	-88	-88	17	168	
2016/17-3	Lab	LCS dup	12/30/2016	Organic	Chrysene	n/a	=	27.4	µg/L	EPA 625	0.19	1			
2016/17-3	Lab	LCS dup, rec	12/30/2016	Organic	Chrysene	n/a	=	110	%	EPA 625	-88	-88	17	168	
2016/17-3	Lab	LCS, RPD	12/30/2016	Organic	Chrysene	n/a	=	10	%	EPA 625	-88	-88	0	30	
2016/17-3	Lab	method blank	1/9/2017	Organic	Chrysene	n/a	<	0.1	µg/L	EPA 8270C	0.1	0.1			
2016/17-3	Lab	LCS	1/9/2017	Organic	Chrysene	n/a	=	9.78	µg/L	EPA 8270C	0.1	0.1			
2016/17-3	Lab	LCS, rec	1/9/2017	Organic	Chrysene	n/a	=	98	%	EPA 8270C	-88	-88	32	126	
2016/17-3	Lab	LCS dup	1/9/2017	Organic	Chrysene	n/a	=	10.2	µg/L	EPA 8270C	0.1	0.1			
2016/17-3	Lab	LCS dup, rec	1/9/2017	Organic	Chrysene	n/a	=	102	%	EPA 8270C	-88	-88	32	126	
2016/17-3	Lab	LCS, RPD	1/9/2017	Organic	Chrysene	n/a	=	4	%	EPA 8270C	-88	-88	0	30	
2016/17-3	Lab	method blank	12/28/2016	Organic	Dibenz(a,h)anthracene	n/a	<	0.08	µg/L	EPA 625	0.08	2			
2016/17-3	Lab	LCS	12/28/2016	Organic	Dibenz(a,h)anthracene	n/a	=	14.4	µg/L	EPA 625	0.08	2			
2016/17-3	Lab	LCS, rec	12/28/2016	Organic	Dibenz(a,h)anthracene	n/a	=	58	%	EPA 625	-88	-88	0.1	227	
2016/17-3	Lab	LCS dup	12/28/2016	Organic	Dibenz(a,h)anthracene	n/a	=	16.7	µg/L	EPA 625	0.08	2			
2016/17-3	Lab	LCS dup, rec	12/28/2016	Organic	Dibenz(a,h)anthracene	n/a	=	67	%	EPA 625	-88	-88	0.1	227	
2016/17-3	Lab	LCS, RPD	12/28/2016	Organic	Dibenz(a,h)anthracene	n/a	=	15	%	EPA 625	-88	-88	0	30	
2016/17-3	Lab	method blank	12/30/2016	Organic	Dibenz(a,h)anthracene	n/a	<	0.08	µg/L	EPA 625	0.08	2			
2016/17-3	Lab	LCS	12/30/2016	Organic	Dibenz(a,h)anthracene	n/a	=	12.8	µg/L	EPA 625	0.08	2			
2016/17-3	Lab	LCS, rec	12/30/2016	Organic	Dibenz(a,h)anthracene	n/a	=	51	%	EPA 625	-88	-88	0.1	227	
2016/17-3	Lab	LCS dup	12/30/2016	Organic	Dibenz(a,h)anthracene	n/a	=	13.8	µg/L	EPA 625	0.08	2			
2016/17-3	Lab	LCS dup, rec	12/30/2016	Organic	Dibenz(a,h)anthracene	n/a	=	55	%	EPA 625	-88	-88	0.1	227	
2016/17-3	Lab	LCS, RPD	12/30/2016	Organic	Dibenz(a,h)anthracene	n/a	=	7	%	EPA 625	-88	-88	0	30	
2016/17-3	Lab	method blank	1/9/2017	Organic	Dibenz(a,h)anthracene	n/a	<	0.1	µg/L	EPA 8270C	0.1	0.1			
2016/17-3	Lab	LCS	1/9/2017	Organic	Dibenz(a,h)anthracene	n/a	=	5.8	µg/L	EPA 8270C	0.1	0.1			
2016/17-3	Lab	LCS, rec	1/9/2017	Organic	Dibenz(a,h)anthracene	n/a	=	58	%	EPA 8270C	-88	-88	9	147	
2016/17-3	Lab	LCS dup	1/9/2017	Organic	Dibenz(a,h)anthracene	n/a	=	6.13	µg/L	EPA 8270C	0.1	0.1			
2016/17-3	Lab	LCS dup, rec	1/9/2017	Organic	Dibenz(a,h)anthracene	n/a	=	61	%	EPA 8270C	-88	-88	9	147	
2016/17-3	Lab	LCS, RPD	1/9/2017	Organic	Dibenz(a,h)anthracene	n/a	=	6	%	EPA 8270C	-88	-88	0	30	
2016/17-3	Lab	method blank	12/28/2016	Organic	Diethyl phthalate	n/a	<	0.15	µg/L	EPA 625	0.15	1			
2016/17-3	Lab	LCS	12/28/2016	Organic	Diethyl phthalate	n/a	=	22.1	µg/L	EPA 625	0.15	1			
2016/17-3	Lab	LCS, rec	12/28/2016	Organic	Diethyl phthalate	n/a	=	89	%	EPA 625	-88	-88	0.1	114	
2016/17-3	Lab	LCS dup	12/28/2016	Organic	Diethyl phthalate	n/a	=	26	µg/L	EPA 625	0.15	1			
2016/17-3	Lab	LCS dup, rec	12/28/2016	Organic	Diethyl phthalate	n/a	=	104	%	EPA 625	-88	-88	0.1	114	
2016/17-3	Lab	LCS, RPD	12/28/2016	Organic	Diethyl phthalate	n/a	=	16	%	EPA 625	-88	-88	0	30	
2016/17-3	Lab	method blank	12/30/2016	Organic	Diethyl phthalate	n/a	<	0.15	µg/L	EPA 625	0.15	1			
2016/17-3	Lab	LCS	12/30/2016	Organic	Diethyl phthalate	n/a	=	22.6	µg/L	EPA 625	0.15	1			
2016/17-3	Lab	LCS, rec	12/30/2016	Organic	Diethyl phthalate	n/a	=	90	%	EPA 625	-88	-88	0.1	114	
2016/17-3	Lab	LCS dup	12/30/2016	Organic	Diethyl phthalate	n/a	=	24.4	µg/L	EPA 625	0.15	1			
2016/17-3	Lab	LCS dup, rec	12/30/2016	Organic	Diethyl phthalate	n/a	=	98	%	EPA 625	-88	-88	0.1	114	
2016/17-3	Lab	LCS, RPD	12/30/2016	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	
2016/17-3	Lab	method blank	12/28/2016	Organic	Dimethyl phthalate	n/a	<	0.18	µg/L	EPA 625	0.18	1			
2016/17-3	Lab	LCS	12/28/2016	Organic	Dimethyl phthalate	n/a	=	22.4	µg/L	EPA 625	0.18	1			
2016/17-3	Lab	LCS, rec	12/28/2016	Organic	Dimethyl phthalate	n/a	=	90	%	EPA 625	-88	-88	0.1	112	
2016/17-3	Lab	LCS dup	12/28/2016	Organic	Dimethyl phthalate	n/a	=	26.5	µg/L	EPA 625	0.18	1			
2016/17-3	Lab	LCS dup, rec	12/28/2016	Organic	Dimethyl phthalate	n/a	=	106	%	EPA 625	-88	-88	0.1	112	
2016/17-3	Lab	LCS, RPD	12/28/2016	Organic	Dimethyl phthalate	n/a	=	17	%	EPA 625	-88	-88	0	30	
2016/17-3	Lab	method blank	12/30/2016	Organic	Dimethyl phthalate	n/a	<	0.18	µg/L	EPA 625	0.18	1			
2016/17-3	Lab	LCS	12/30/2016	Organic	Dimethyl phthalate	n/a	=	22.6	µg/L	EPA 625	0.18	1			
2016/17-3	Lab	LCS, rec	12/30/2016	Organic	Dimethyl phthalate	n/a	=	90	%	EPA 625	-88	-88	0.1	112	
2016/17-3	Lab	LCS dup	12/30/2016	Organic	Dimethyl phthalate	n/a	=	23.5	µg/L	EPA 625	0.18	1			
2016/17-3	Lab	LCS dup, rec	12/30/2016	Organic	Dimethyl phthalate	n/a	=	94	%	EPA 625	-88	-88	0.1	112	
2016/17-3	Lab	LCS, RPD	12/30/2016	Organic	Dimethyl phthalate	n/a	=	4	%	EPA 625	-88	-88	0	30	
2016/17-3	Lab	method blank	12/28/2016	Organic	Di-n-butylphthalate	n/a	<	0.24	µg/L	EPA 625	0.24	1			
2016/17-3	Lab	LCS	12/28/2016	Organic	Di-n-butylphthalate	n/a	=	23.4	µg/L	EPA 625	0.24	1			
2016/17-3	Lab	LCS, rec	12/28/2016	Organic	Di-n-butylphthalate	n/a	=	94	%	EPA 625	-88	-88	1	118	
2016/17-3	Lab	LCS dup	12/28/2016	Organic	Di-n-butylphthalate	n/a	=	25.5	µg/L	EPA 625	0.24	1			
2016/17-3	Lab	LCS dup, rec	12/28/2016	Organic	Di-n-butylphthalate	n/a	=	102	%	EPA 625	-88	-88	1	118	
2016/17-3	Lab	LCS, RPD	12/28/2016	Organic	Di-n-butylphthalate	n/a	=	8	%	EPA 625	-88	-88	0	30	
2016/17-3	Lab	method blank	12/30/2016	Organic	Di-n-butylphthalate	n/a	<	0.24	µg/L	EPA 625	0.24	1			
2016/17-3	Lab	LCS	12/30/2016	Organic	Di-n-butylphthalate	n/a	=	23.1	µg/L	EPA 625	0.24	1			
2016/17-3	Lab	LCS, rec	12/30/2016	Organic	Di-n-butylphthalate	n/a	=	92	%	EPA 625	-88	-88	1	118	
2016/17-3	Lab	LCS dup	12/30/2016	Organic	Di-n-butylphthalate	n/a	=	25.4	µg/L	EPA 625	0.24	1			
2016/17-3	Lab	LCS dup, rec	12/30/2016	Organic	Di-n-butylphthalate	n/a	=	102	%	EPA 625	-88	-88	1	118	
2016/17-3	Lab	LCS, RPD	12/30/2016	Organic	Di-n-butylphthalate	n/a	=	10	%	EPA 625	-88	-88	0	30	
2016/17-3	Lab	method blank	12/28/2016	Organic	Di-n-octylphthalate	n/a	<	0.19	µg/L	EPA 625	0.19	1			
2016/17-3	Lab	LCS	12/28/2016	Organic	Di-n-octylphthalate	n/a	=	22.1	µg/L	EPA 625	0.19	1			
2016/17-3	Lab	LCS, rec	12/28/2016	Organic	Di-n-octylphthalate	n/a	=	88	%	EPA 625	-88	-88	4	146	
2016/17-3	Lab	LCS dup	12/28/2016	Organic	Di-n-octylphthalate	n/a	=	22.6	µg/L	EPA 625	0.19	1			
2016/17-3	Lab	LCS dup, rec	12/28/2016	Organic	Di-n-octylphthalate	n/a	=	91	%	EPA 625	-88	-88	4	146	
2016/17-3	Lab	LCS, RPD	12/28/2016	Organic	Di-n-octylphthalate	n/a	=	3	%	EPA 625	-88	-88	0	30	
2016/17-3	Lab	method blank	12/30/2016	Organic	Di-n-octylphthalate	n/a	<	0.19	µg/L	EPA 625	0.19	1			
2016/17-3	Lab	LCS	12/30/2016	Organic	Di-n-octylphthalate	n/a	=	23.3	µg/L	EPA 625	0.19	1			
2016/17-3	Lab	LCS, rec	12/30/2016	Organic	Di-n-octylphthalate	n/a	=	93	%	EPA 625	-88	-88	4	146	
2016/17-3	Lab	LCS dup	12/30/2016	Organic	Di-n-octylphthalate	n/a	=	25.7	µg/L	EPA 625	0.19	1			
2016/17-3	Lab	LCS dup, rec	12/30/2016	Organic	Di-n-octylphthalate	n/a	=	103	%	EPA 625	-88	-88	4	146	
2016/17-3	Lab	LCS, RPD	12/30/2016	Organic	Di-n-octylphthalate	n/a	=	10	%	EPA 625	-88	-88	0	30	
2016/17-3	Lab	method blank	12/28/2016	Organic	Fluoranthene	n/a	<	0.22	µg/L	EPA 625	0.22	1			
2016/17-3	Lab	LCS	12/28/2016	Organic	Fluoranthene	n/a	=	24.1	µg/L	EPA 625	0.22	1			
2016/17-3	Lab	LCS, rec	12/28/2016	Organic	Fluoranthene	n/a	=	96	%	EPA 625	-88	-88	26	137	
2016/17-3	Lab	LCS dup	12/28/2016	Organic	Fluoranthene	n/a	=	26.7	µg/L	EPA 625	0.22	1			
2016/17-3	Lab	LCS dup, rec	12/28/2016	Organic	Fluoranthene	n/a	=	107	%	EPA 625	-88	-88	26	137	
2016/17-3	Lab	LCS, RPD	12/28/2016	Organic	Fluoranthene	n/a	=	10	%	EPA 625	-88	-88	0	30	
2016/17-3	Lab	method blank	12/30/2016	Organic	Fluoranthene	n/a	<	0.22	µg/L	EPA 625	0.22	1			
2016/17-3	Lab	LCS	12/30/2016	Organic	Fluoranthene	n/a	=	22.3	µg/L	EPA 625	0.22	1			
2016/17-3	Lab	LCS, rec	12/30/2016	Organic	Fluoranthene	n/a	=	89	%	EPA 625	-88	-88	26	137	
2016/17-3	Lab	LCS dup	12/30/2016	Organic	Fluoranthene	n/a	=	24.7	µg/L	EPA 625	0.22	1			
2016/17-3	Lab	LCS dup, rec	12/30/2016	Organic	Fluoranthene	n/a	=	99	%	EPA 625	-88	-88	26	137	

Appendix F
Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2016/17-3	Lab	LCS, RPD	12/30/2016	Organic	Fluoranthene	n/a	=	10	%	EPA 625	-88	-88	0	30	
2016/17-3	Lab	method blank	1/9/2017	Organic	Fluoranthene	n/a	<	0.1	µg/L	EPA 8270C	0.1	0.1			
2016/17-3	Lab	LCS	1/9/2017	Organic	Fluoranthene	n/a	=	9.98	µg/L	EPA 8270C	0.1	0.1			
2016/17-3	Lab	LCS, rec	1/9/2017	Organic	Fluoranthene	n/a	=	100	%	EPA 8270C	-88	-88	22	131	
2016/17-3	Lab	LCS dup	1/9/2017	Organic	Fluoranthene	n/a	=	10.4	µg/L	EPA 8270C	0.1	0.1			
2016/17-3	Lab	LCS dup, rec	1/9/2017	Organic	Fluoranthene	n/a	=	104	%	EPA 8270C	-88	-88	22	131	
2016/17-3	Lab	LCS, RPD	1/9/2017	Organic	Fluoranthene	n/a	=	5	%	EPA 8270C	-88	-88	0	30	
2016/17-3	Lab	method blank	12/28/2016	Organic	Fluorene	n/a	<	0.35	µg/L	EPA 625	0.35	1			
2016/17-3	Lab	LCS	12/28/2016	Organic	Fluorene	n/a	=	21.2	µg/L	EPA 625	0.35	1			
2016/17-3	Lab	LCS, rec	12/28/2016	Organic	Fluorene	n/a	=	85	%	EPA 625	-88	-88	59	121	
2016/17-3	Lab	LCS dup	12/28/2016	Organic	Fluorene	n/a	=	24.5	µg/L	EPA 625	0.35	1			
2016/17-3	Lab	LCS dup, rec	12/28/2016	Organic	Fluorene	n/a	=	98	%	EPA 625	-88	-88	59	121	
2016/17-3	Lab	LCS, RPD	12/28/2016	Organic	Fluorene	n/a	=	14	%	EPA 625	-88	-88	0	30	
2016/17-3	Lab	method blank	12/30/2016	Organic	Fluorene	n/a	<	0.35	µg/L	EPA 625	0.35	1			
2016/17-3	Lab	LCS	12/30/2016	Organic	Fluorene	n/a	=	22.5	µg/L	EPA 625	0.35	1			
2016/17-3	Lab	LCS, rec	12/30/2016	Organic	Fluorene	n/a	=	90	%	EPA 625	-88	-88	59	121	
2016/17-3	Lab	LCS dup	12/30/2016	Organic	Fluorene	n/a	=	24.1	µg/L	EPA 625	0.35	1			
2016/17-3	Lab	LCS dup, rec	12/30/2016	Organic	Fluorene	n/a	=	96	%	EPA 625	-88	-88	59	121	
2016/17-3	Lab	LCS, RPD	12/30/2016	Organic	Fluorene	n/a	=	7	%	EPA 625	-88	-88	0	30	
2016/17-3	Lab	method blank	1/9/2017	Organic	Fluorene	n/a	<	0.1	µg/L	EPA 8270C	0.1	0.1			
2016/17-3	Lab	LCS	1/9/2017	Organic	Fluorene	n/a	=	9.14	µg/L	EPA 8270C	0.1	0.1			
2016/17-3	Lab	LCS, rec	1/9/2017	Organic	Fluorene	n/a	=	91	%	EPA 8270C	-88	-88	19	122	
2016/17-3	Lab	LCS dup	1/9/2017	Organic	Fluorene	n/a	=	9.61	µg/L	EPA 8270C	0.1	0.1			
2016/17-3	Lab	LCS dup, rec	1/9/2017	Organic	Fluorene	n/a	=	96	%	EPA 8270C	-88	-88	19	122	
2016/17-3	Lab	LCS, RPD	1/9/2017	Organic	Fluorene	n/a	=	5	%	EPA 8270C	-88	-88	0	30	
2016/17-3	Lab	method blank	12/28/2016	Organic	Hexachlorobenzene	n/a	<	0.49	µg/L	EPA 625	0.49	1			
2016/17-3	Lab	LCS	12/28/2016	Organic	Hexachlorobenzene	n/a	=	19.4	µg/L	EPA 625	0.49	1			
2016/17-3	Lab	LCS, rec	12/28/2016	Organic	Hexachlorobenzene	n/a	=	78	%	EPA 625	-88	-88	0.1	152	
2016/17-3	Lab	LCS dup	12/28/2016	Organic	Hexachlorobenzene	n/a	=	21.6	µg/L	EPA 625	0.49	1			
2016/17-3	Lab	LCS dup, rec	12/28/2016	Organic	Hexachlorobenzene	n/a	=	87	%	EPA 625	-88	-88	0.1	152	
2016/17-3	Lab	LCS, RPD	12/28/2016	Organic	Hexachlorobenzene	n/a	=	11	%	EPA 625	-88	-88	0	30	
2016/17-3	Lab	method blank	12/30/2016	Organic	Hexachlorobenzene	n/a	<	0.49	µg/L	EPA 625	0.49	1			
2016/17-3	Lab	LCS	12/30/2016	Organic	Hexachlorobenzene	n/a	=	18.8	µg/L	EPA 625	0.49	1			
2016/17-3	Lab	LCS, rec	12/30/2016	Organic	Hexachlorobenzene	n/a	=	75	%	EPA 625	-88	-88	0.1	152	
2016/17-3	Lab	LCS dup	12/30/2016	Organic	Hexachlorobenzene	n/a	=	19.8	µg/L	EPA 625	0.49	1			
2016/17-3	Lab	LCS dup, rec	12/30/2016	Organic	Hexachlorobenzene	n/a	=	79	%	EPA 625	-88	-88	0.1	152	
2016/17-3	Lab	LCS, RPD	12/30/2016	Organic	Hexachlorobenzene	n/a	=	5	%	EPA 625	-88	-88	0	30	
2016/17-3	Lab	method blank	12/28/2016	Organic	Hexachlorobutadiene	n/a	<	0.47	µg/L	EPA 625	0.47	1			
2016/17-3	Lab	LCS	12/28/2016	Organic	Hexachlorobutadiene	n/a	=	18.7	µg/L	EPA 625	0.47	1			
2016/17-3	Lab	LCS, rec	12/28/2016	Organic	Hexachlorobutadiene	n/a	=	75	%	EPA 625	-88	-88	24	116	
2016/17-3	Lab	LCS dup	12/28/2016	Organic	Hexachlorobutadiene	n/a	=	20.9	µg/L	EPA 625	0.47	1			
2016/17-3	Lab	LCS dup, rec	12/28/2016	Organic	Hexachlorobutadiene	n/a	=	84	%	EPA 625	-88	-88	24	116	
2016/17-3	Lab	LCS, RPD	12/28/2016	Organic	Hexachlorobutadiene	n/a	=	11	%	EPA 625	-88	-88	0	30	
2016/17-3	Lab	method blank	12/30/2016	Organic	Hexachlorobutadiene	n/a	<	0.47	µg/L	EPA 625	0.47	1			
2016/17-3	Lab	LCS	12/30/2016	Organic	Hexachlorobutadiene	n/a	=	20.1	µg/L	EPA 625	0.47	1			
2016/17-3	Lab	LCS, rec	12/30/2016	Organic	Hexachlorobutadiene	n/a	=	80	%	EPA 625	-88	-88	24	116	
2016/17-3	Lab	LCS dup	12/30/2016	Organic	Hexachlorobutadiene	n/a	=	21.7	µg/L	EPA 625	0.47	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	
2016/17-3	Lab	LCS dup, rec	12/30/2016	Organic	Hexachlorobutadiene	n/a	=	87	%	EPA 625	-88	-88	24	116	
2016/17-3	Lab	LCS, RPD	12/30/2016	Organic	Hexachlorobutadiene	n/a	=	8	%	EPA 625	-88	-88	0	30	
2016/17-3	Lab	method blank	12/28/2016	Organic	Hexachlorocyclopentadiene	n/a	<	1.5	µg/L	EPA 625	1.5	5			
2016/17-3	Lab	LCS	12/28/2016	Organic	Hexachlorocyclopentadiene	n/a	=	14.4	µg/L	EPA 625	1.5	5			
2016/17-3	Lab	LCS, rec	12/28/2016	Organic	Hexachlorocyclopentadiene	n/a	=	58	%	EPA 625	-88	-88	0.1	81	
2016/17-3	Lab	LCS dup	12/28/2016	Organic	Hexachlorocyclopentadiene	n/a	=	18.1	µg/L	EPA 625	1.5	5			
2016/17-3	Lab	LCS dup, rec	12/28/2016	Organic	Hexachlorocyclopentadiene	n/a	=	72	%	EPA 625	-88	-88	0.1	81	
2016/17-3	Lab	LCS, RPD	12/28/2016	Organic	Hexachlorocyclopentadiene	n/a	=	23	%	EPA 625	-88	-88	0	30	
2016/17-3	Lab	method blank	12/30/2016	Organic	Hexachlorocyclopentadiene	n/a	<	1.5	µg/L	EPA 625	1.5	5			
2016/17-3	Lab	LCS	12/30/2016	Organic	Hexachlorocyclopentadiene	n/a	=	17.7	µg/L	EPA 625	1.5	5			
2016/17-3	Lab	LCS, rec	12/30/2016	Organic	Hexachlorocyclopentadiene	n/a	=	71	%	EPA 625	-88	-88	0.1	81	
2016/17-3	Lab	LCS dup	12/30/2016	Organic	Hexachlorocyclopentadiene	n/a	=	18.1	µg/L	EPA 625	1.5	5			
2016/17-3	Lab	LCS dup, rec	12/30/2016	Organic	Hexachlorocyclopentadiene	n/a	=	72	%	EPA 625	-88	-88	0.1	81	
2016/17-3	Lab	LCS, RPD	12/30/2016	Organic	Hexachlorocyclopentadiene	n/a	=	2	%	EPA 625	-88	-88	0	30	
2016/17-3	Lab	method blank	12/28/2016	Organic	Hexachloroethane	n/a	<	0.52	µg/L	EPA 625	0.52	1			
2016/17-3	Lab	LCS	12/28/2016	Organic	Hexachloroethane	n/a	=	18.9	µg/L	EPA 625	0.52	1			
2016/17-3	Lab	LCS, rec	12/28/2016	Organic	Hexachloroethane	n/a	=	76	%	EPA 625	-88	-88	40	113	
2016/17-3	Lab	LCS dup	12/28/2016	Organic	Hexachloroethane	n/a	=	21.1	µg/L	EPA 625	0.52	1			
2016/17-3	Lab	LCS dup, rec	12/28/2016	Organic	Hexachloroethane	n/a	=	85	%	EPA 625	-88	-88	40	113	
2016/17-3	Lab	LCS, RPD	12/28/2016	Organic	Hexachloroethane	n/a	=	11	%	EPA 625	-88	-88	0	30	
2016/17-3	Lab	method blank	12/30/2016	Organic	Hexachloroethane	n/a	<	0.52	µg/L	EPA 625	0.52	1			
2016/17-3	Lab	LCS	12/30/2016	Organic	Hexachloroethane	n/a	=	20.1	µg/L	EPA 625	0.52	1			
2016/17-3	Lab	LCS, rec	12/30/2016	Organic	Hexachloroethane	n/a	=	81	%	EPA 625	-88	-88	40	113	
2016/17-3	Lab	LCS dup	12/30/2016	Organic	Hexachloroethane	n/a	=	21.6	µg/L	EPA 625	0.52	1			
2016/17-3	Lab	LCS dup, rec	12/30/2016	Organic	Hexachloroethane	n/a	=	87	%	EPA 625	-88	-88	40	113	
2016/17-3	Lab	LCS, RPD	12/30/2016	Organic	Hexachloroethane	n/a	=	7	%	EPA 625	-88	-88	0	30	
2016/17-3	Lab	method blank	12/28/2016	Organic	Indeno(1,2,3-cd)pyrene	n/a	<	0.12	µg/L	EPA 625	0.12	2			
2016/17-3	Lab	LCS	12/28/2016	Organic	Indeno(1,2,3-cd)pyrene	n/a	=	24.2	µg/L	EPA 625	0.12	2			
2016/17-3	Lab	LCS, rec	12/28/2016	Organic	Indeno(1,2,3-cd)pyrene	n/a	=	97	%	EPA 625	-88	-88	0.1	171	
2016/17-3	Lab	LCS dup	12/28/2016	Organic	Indeno(1,2,3-cd)pyrene	n/a	=	28.9	µg/L	EPA 625	0.12	2			
2016/17-3	Lab	LCS dup, rec	12/28/2016	Organic	Indeno(1,2,3-cd)pyrene	n/a	=	116	%	EPA 625	-88	-88	0.1	171	
2016/17-3	Lab	LCS, RPD	12/28/2016	Organic	Indeno(1,2,3-cd)pyrene	n/a	=	18	%	EPA 625	-88	-88	0	30	
2016/17-3	Lab	method blank	12/30/2016	Organic	Indeno(1,2,3-cd)pyrene	n/a	<	0.12	µg/L	EPA 625	0.12	2			
2016/17-3	Lab	LCS	12/30/2016	Organic	Indeno(1,2,3-cd)pyrene	n/a	=	22	µg/L	EPA 625	0.12	2			
2016/17-3	Lab	LCS, rec	12/30/2016	Organic	Indeno(1,2,3-cd)pyrene	n/a	=	88	%	EPA 625	-88	-88	0.1	171	
2016/17-3	Lab	LCS dup	12/30/2016	Organic	Indeno(1,2,3-cd)pyrene	n/a	=	23.6	µg/L	EPA 625	0.12	2			
2016/17-3	Lab	LCS dup, rec	12/30/2016	Organic	Indeno(1,2,3-cd)pyrene	n/a	=	95	%	EPA 625	-88	-88	0.1	171	
2016/17-3	Lab	LCS, RPD	12/30/2016	Organic	Indeno(1,2,3-cd)pyrene	n/a	=	7	%	EPA 625	-88	-88	0	30	
2016/17-3	Lab	method blank	1/9/2017	Organic	Indeno(1,2,3-cd)pyrene	n/a	<	0.1	µg/L	EPA 8270C	0.1	0.1			
2016/17-3	Lab	LCS	1/9/2017	Organic	Indeno(1,2,3-cd)pyrene	n/a	=	9.83	µg/L	EPA 8270C	0.1	0.1			
2016/17-3	Lab	LCS, rec	1/9/2017	Organic	Indeno(1,2,3-cd)pyrene	n/a	=	98	%	EPA 8270C	-88	-88	12	136	
2016/17-3	Lab	LCS dup	1/9/2017	Organic	Indeno(1,2,3-cd)pyrene	n/a	=	10.3	µg/L	EPA 8270C	0.1	0.1			
2016/17-3	Lab	LCS dup, rec	1/9/2017	Organic	Indeno(1,2,3-cd)pyrene	n/a	=	103	%	EPA 8270C	-88	-88	12	136	
2016/17-3	Lab	LCS, RPD	1/9/2017	Organic	Indeno(1,2,3-cd)pyrene	n/a	=	5	%	EPA 8270C	-88	-88	0	30	
2016/17-3	Lab	method blank	12/28/2016	Organic	Isophorone	n/a	<	0.21	µg/L	EPA 625	0.21	1			
2016/17-3	Lab	LCS	12/28/2016	Organic	Isophorone	n/a	=	20.8	µg/L	EPA 625	0.21	1			
2016/17-3	Lab	LCS, rec	12/28/2016	Organic	Isophorone	n/a	=	83	%	EPA 625	-88	-88	21	196	

Appendix F
Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2016/17-3	Lab	LCS dup	12/28/2016	Organic	Isophorone	n/a	=	24.9	µg/L	EPA 625	0.21	1			
2016/17-3	Lab	LCS dup, rec	12/28/2016	Organic	Isophorone	n/a	=	100	%	EPA 625	-88	-88	21	196	
2016/17-3	Lab	LCS, RPD	12/28/2016	Organic	Isophorone	n/a	=	18	%	EPA 625	-88	-88	0	30	
2016/17-3	Lab	method blank	12/30/2016	Organic	Isophorone	n/a	<	0.21	µg/L	EPA 625	0.21	1			
2016/17-3	Lab	LCS	12/30/2016	Organic	Isophorone	n/a	=	22.9	µg/L	EPA 625	0.21	1			
2016/17-3	Lab	LCS, rec	12/30/2016	Organic	Isophorone	n/a	=	91	%	EPA 625	-88	-88	21	196	
2016/17-3	Lab	LCS dup	12/30/2016	Organic	Isophorone	n/a	=	24.8	µg/L	EPA 625	0.21	1			
2016/17-3	Lab	LCS dup, rec	12/30/2016	Organic	Isophorone	n/a	=	99	%	EPA 625	-88	-88	21	196	
2016/17-3	Lab	LCS, RPD	12/30/2016	Organic	Isophorone	n/a	=	8	%	EPA 625	-88	-88	0	30	
2016/17-3	Lab	LCS	12/20/2016	Organic	Methyl tert-butyl ether (MTBE)	n/a	=	49.1	µg/L	EPA 624	0.25	1			
2016/17-3	Lab	LCS, rec	12/20/2016	Organic	Methyl tert-butyl ether (MTBE)	n/a	=	98	%	EPA 624	-88	-88	80	128	
2016/17-3	Lab	method blank	12/20/2016	Organic	Methyl tert-butyl ether (MTBE)	n/a	<	0.25	µg/L	EPA 624	0.25	1			
2016/17-3	MO-CAM	field duplicate	12/20/2016	Organic	Methyl tert-butyl ether (MTBE)	n/a	<	0.25	µg/L	EPA 624	0.25	1			
2016/17-3	Lab	method blank	12/28/2016	Organic	Naphthalene	n/a	<	0.49	µg/L	EPA 625	0.49	1			
2016/17-3	Lab	LCS	12/28/2016	Organic	Naphthalene	n/a	=	20.2	µg/L	EPA 625	0.49	1			
2016/17-3	Lab	LCS, rec	12/28/2016	Organic	Naphthalene	n/a	=	81	%	EPA 625	-88	-88	21	133	
2016/17-3	Lab	LCS dup	12/28/2016	Organic	Naphthalene	n/a	=	23.3	µg/L	EPA 625	0.49	1			
2016/17-3	Lab	LCS dup, rec	12/28/2016	Organic	Naphthalene	n/a	=	93	%	EPA 625	-88	-88	21	133	
2016/17-3	Lab	LCS, RPD	12/28/2016	Organic	Naphthalene	n/a	=	14	%	EPA 625	-88	-88	0	30	
2016/17-3	Lab	method blank	12/30/2016	Organic	Naphthalene	n/a	<	0.49	µg/L	EPA 625	0.49	1			
2016/17-3	Lab	LCS	12/30/2016	Organic	Naphthalene	n/a	=	21.9	µg/L	EPA 625	0.49	1			
2016/17-3	Lab	LCS, rec	12/30/2016	Organic	Naphthalene	n/a	=	88	%	EPA 625	-88	-88	21	133	
2016/17-3	Lab	LCS dup	12/30/2016	Organic	Naphthalene	n/a	=	23.3	µg/L	EPA 625	0.49	1			
2016/17-3	Lab	LCS dup, rec	12/30/2016	Organic	Naphthalene	n/a	=	93	%	EPA 625	-88	-88	21	133	
2016/17-3	Lab	LCS, RPD	12/30/2016	Organic	Naphthalene	n/a	=	6	%	EPA 625	-88	-88	0	30	
2016/17-3	Lab	method blank	1/9/2017	Organic	Naphthalene	n/a	<	0.1	µg/L	EPA 8270C	0.1	0.1			
2016/17-3	Lab	LCS	1/9/2017	Organic	Naphthalene	n/a	=	8.66	µg/L	EPA 8270C	0.1	0.1			
2016/17-3	Lab	LCS, rec	1/9/2017	Organic	Naphthalene	n/a	=	87	%	EPA 8270C	-88	-88	12	136	
2016/17-3	Lab	LCS dup	1/9/2017	Organic	Naphthalene	n/a	=	9.15	µg/L	EPA 8270C	0.1	0.1			
2016/17-3	Lab	LCS dup, rec	1/9/2017	Organic	Naphthalene	n/a	=	92	%	EPA 8270C	-88	-88	12	136	
2016/17-3	Lab	LCS, RPD	1/9/2017	Organic	Naphthalene	n/a	=	6	%	EPA 8270C	-88	-88	0	30	
2016/17-3	Lab	method blank	12/28/2016	Organic	Nitrobenzene	n/a	<	0.36	µg/L	EPA 625	0.36	1			
2016/17-3	Lab	LCS	12/28/2016	Organic	Nitrobenzene	n/a	=	19.1	µg/L	EPA 625	0.36	1			
2016/17-3	Lab	LCS, rec	12/28/2016	Organic	Nitrobenzene	n/a	=	77	%	EPA 625	-88	-88	35	180	
2016/17-3	Lab	LCS dup	12/28/2016	Organic	Nitrobenzene	n/a	=	23.2	µg/L	EPA 625	0.36	1			
2016/17-3	Lab	LCS dup, rec	12/28/2016	Organic	Nitrobenzene	n/a	=	93	%	EPA 625	-88	-88	35	180	
2016/17-3	Lab	LCS, RPD	12/28/2016	Organic	Nitrobenzene	n/a	=	19	%	EPA 625	-88	-88	0	30	
2016/17-3	Lab	method blank	12/30/2016	Organic	Nitrobenzene	n/a	<	0.36	µg/L	EPA 625	0.36	1			
2016/17-3	Lab	LCS	12/30/2016	Organic	Nitrobenzene	n/a	=	20.8	µg/L	EPA 625	0.36	1			
2016/17-3	Lab	LCS, rec	12/30/2016	Organic	Nitrobenzene	n/a	=	83	%	EPA 625	-88	-88	35	180	
2016/17-3	Lab	LCS dup	12/30/2016	Organic	Nitrobenzene	n/a	=	22.2	µg/L	EPA 625	0.36	1			
2016/17-3	Lab	LCS dup, rec	12/30/2016	Organic	Nitrobenzene	n/a	=	89	%	EPA 625	-88	-88	35	180	
2016/17-3	Lab	LCS, RPD	12/30/2016	Organic	Nitrobenzene	n/a	=	7	%	EPA 625	-88	-88	0	30	
2016/17-3	Lab	srgt method blank	12/28/2016	Organic	Nitrobenzene-d5	n/a	=	22	µg/L	EPA 625	-88	-88			
2016/17-3	Lab	srgt method blank, rec	12/28/2016	Organic	Nitrobenzene-d5	n/a	=	88	%	EPA 625	-88	-88	27	111	
2016/17-3	Lab	srgt LCS	12/28/2016	Organic	Nitrobenzene-d5	n/a	=	17.6	µg/L	EPA 625	-88	-88			
2016/17-3	Lab	srgt LCS, rec	12/28/2016	Organic	Nitrobenzene-d5	n/a	=	70	%	EPA 625	-88	-88	27	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	
2016/17-3	Lab	srgt LCS dup	12/28/2016	Organic	Nitrobenzene-d5	n/a	=	20.7	µg/L	EPA 625	-88	-88			
2016/17-3	Lab	srgt LCS dup, rec	12/28/2016	Organic	Nitrobenzene-d5	n/a	=	83	%	EPA 625	-88	-88	27	111	
2016/17-3	Lab	srgt method blank	12/30/2016	Organic	Nitrobenzene-d5	n/a	=	19.4	µg/L	EPA 625	-88	-88			
2016/17-3	Lab	srgt method blank, rec	12/30/2016	Organic	Nitrobenzene-d5	n/a	=	78	%	EPA 625	-88	-88	27	111	
2016/17-3	Lab	srgt LCS	12/30/2016	Organic	Nitrobenzene-d5	n/a	=	19.1	µg/L	EPA 625	-88	-88			
2016/17-3	Lab	srgt LCS, rec	12/30/2016	Organic	Nitrobenzene-d5	n/a	=	76	%	EPA 625	-88	-88	27	111	
2016/17-3	Lab	srgt LCS dup	12/30/2016	Organic	Nitrobenzene-d5	n/a	=	20.7	µg/L	EPA 625	-88	-88			
2016/17-3	Lab	srgt LCS dup, rec	12/30/2016	Organic	Nitrobenzene-d5	n/a	=	83	%	EPA 625	-88	-88	27	111	
2016/17-3	Lab	srgt method blank	1/5/2017	Organic	Nitrobenzene-d5	n/a	=	21.5	µg/L	EPA 625	-88	-88			
2016/17-3	Lab	srgt method blank, rec	1/5/2017	Organic	Nitrobenzene-d5	n/a	=	86	%	EPA 625	-88	-88	27	111	
2016/17-3	Lab	srgt LCS	1/5/2017	Organic	Nitrobenzene-d5	n/a	=	18	µg/L	EPA 625	-88	-88			
2016/17-3	Lab	srgt LCS, rec	1/5/2017	Organic	Nitrobenzene-d5	n/a	=	72	%	EPA 625	-88	-88	27	111	
2016/17-3	Lab	srgt LCS dup	1/5/2017	Organic	Nitrobenzene-d5	n/a	=	21.4	µg/L	EPA 625	-88	-88			
2016/17-3	Lab	srgt LCS dup, rec	1/5/2017	Organic	Nitrobenzene-d5	n/a	=	85	%	EPA 625	-88	-88	27	111	
2016/17-3	Lab	srgt method blank	1/9/2017	Organic	Nitrobenzene-d5	n/a	=	3.21	µg/L	EPA 8270C	-88	-88			
2016/17-3	Lab	srgt method blank, rec	1/9/2017	Organic	Nitrobenzene-d5	n/a	=	64	%	EPA 8270C	-88	-88	51	143	
2016/17-3	Lab	srgt LCS	1/9/2017	Organic	Nitrobenzene-d5	n/a	=	3.62	µg/L	EPA 8270C	-88	-88			
2016/17-3	Lab	srgt LCS, rec	1/9/2017	Organic	Nitrobenzene-d5	n/a	=	72	%	EPA 8270C	-88	-88	51	143	
2016/17-3	Lab	srgt LCS dup	1/9/2017	Organic	Nitrobenzene-d5	n/a	=	3.73	µg/L	EPA 8270C	-88	-88			
2016/17-3	Lab	srgt LCS dup, rec	1/9/2017	Organic	Nitrobenzene-d5	n/a	=	75	%	EPA 8270C	-88	-88	51	143	
2016/17-3	ME-CC	srgt environ	12/28/2016	Organic	Nitrobenzene-d5	n/a	=	20.6	µg/L	EPA 625	-88	-88			
2016/17-3	ME-CC	srgt environ, rec	12/28/2016	Organic	Nitrobenzene-d5	n/a	=	82	%	EPA 625	-88	-88	27	111	
2016/17-3	ME-CC	srgt environ	1/9/2017	Organic	Nitrobenzene-d5	n/a	=	2.21	µg/L	EPA 8270C	-88	-88			GN
2016/17-3	ME-CC	srgt environ, rec	1/9/2017	Organic	Nitrobenzene-d5	n/a	=	44	%	EPA 8270C	-88	-88	51	143	GN
2016/17-3	ME-VR2	srgt environ	12/28/2016	Organic	Nitrobenzene-d5	n/a	=	21	µg/L	EPA 625	-88	-88			
2016/17-3	ME-VR2	srgt environ, rec	12/28/2016	Organic	Nitrobenzene-d5	n/a	=	84	%	EPA 625	-88	-88	27	111	
2016/17-3	ME-VR2	srgt environ	1/9/2017	Organic	Nitrobenzene-d5	n/a	=	3.49	µg/L	EPA 8270C	-88	-88			
2016/17-3	ME-VR2	srgt environ, rec	1/9/2017	Organic	Nitrobenzene-d5	n/a	=	70	%	EPA 8270C	-88	-88	51	143	
2016/17-3	MO-CAM	srgt environ	12/28/2016	Organic	Nitrobenzene-d5	n/a	=	3.49	µg/L	EPA 625	-88	-88			GN
2016/17-3	MO-CAM	srgt environ, rec	12/28/2016	Organic	Nitrobenzene-d5	n/a	=	14	%	EPA 625	-88	-88	27	111	GN
2016/17-3	MO-CAM	srgt environ	1/10/2017	Organic	Nitrobenzene-d5	n/a	=	3.26	µg/L	EPA 8270C	-88	-88			
2016/17-3	MO-CAM	srgt environ, rec	1/10/2017	Organic	Nitrobenzene-d5	n/a	=	65	%	EPA 8270C	-88	-88	51	143	
2016/17-3	MO-FIL	srgt environ	12/28/2016	Organic	Nitrobenzene-d5	n/a	=	16.8	µg/L	EPA 625	-88	-88			
2016/17-3	MO-FIL	srgt environ, rec	12/28/2016	Organic	Nitrobenzene-d5	n/a	=	67	%	EPA 625	-88	-88	27	111	
2016/17-3	MO-FIL	srgt environ	1/10/2017	Organic	Nitrobenzene-d5	n/a	=	3.78	µg/L	EPA 8270C	-88	-88			
2016/17-3	MO-FIL	srgt environ, rec	1/10/2017	Organic	Nitrobenzene-d5	n/a	=	76	%	EPA 8270C	-88	-88	51	143	
2016/17-3	MO-HUE	srgt environ	12/30/2016	Organic	Nitrobenzene-d5	n/a	=	11.8	µg/L	EPA 625	-88	-88			
2016/17-3	MO-HUE	srgt environ, rec	12/30/2016	Organic	Nitrobenzene-d5	n/a	=	47	%	EPA 625	-88	-88	27	111	
2016/17-3	MO-HUE	srgt environ	1/10/2017	Organic	Nitrobenzene-d5	n/a	=	3.36	µg/L	EPA 8270C	-88	-88			
2016/17-3	MO-HUE	srgt environ, rec	1/10/2017	Organic	Nitrobenzene-d5	n/a	=	67	%	EPA 8270C	-88	-88	51	143	
2016/17-3	MO-MEI	srgt environ	12/28/2016	Organic	Nitrobenzene-d5	n/a	=	14.4	µg/L	EPA 625	-88	-88			
2016/17-3	MO-MEI	srgt environ, rec	12/28/2016	Organic	Nitrobenzene-d5	n/a	=	58	%	EPA 625	-88	-88	27	111	
2016/17-3	MO-MEI	srgt environ	1/10/2017	Organic	Nitrobenzene-d5	n/a	=	2.69	µg/L	EPA 8270C	-88	-88			
2016/17-3	MO-MEI	srgt environ, rec	1/10/2017	Organic	Nitrobenzene-d5	n/a	=	54	%	EPA 8270C	-88	-88	51	143	
2016/17-3	MO-MPK	srgt environ	12/28/2016	Organic	Nitrobenzene-d5	n/a	=	17.5	µg/L	EPA 625	-88	-88			
2016/17-3	MO-MPK	srgt environ, rec	12/28/2016	Organic	Nitrobenzene-d5	n/a	=	70	%	EPA 625	-88	-88	27	111	
2016/17-3	MO-MPK	srgt environ	1/10/2017	Organic	Nitrobenzene-d5	n/a	=	3.5	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	
2016/17-3	MO-MPK	srgt environ, rec	1/10/2017	Organic	Nitrobenzene-d5	n/a	=	70	%	EPA 8270C	-88	-88	51	143	
2016/17-3	MO-OJA	srgt environ	12/28/2016	Organic	Nitrobenzene-d5	n/a	=	20	µg/L	EPA 625	-88	-88			
2016/17-3	MO-OJA	srgt environ, rec	12/28/2016	Organic	Nitrobenzene-d5	n/a	=	80	%	EPA 625	-88	-88	27	111	
2016/17-3	MO-OJA	srgt environ	1/10/2017	Organic	Nitrobenzene-d5	n/a	=	2.7	µg/L	EPA 8270C	-88	-88			
2016/17-3	MO-OJA	srgt environ, rec	1/10/2017	Organic	Nitrobenzene-d5	n/a	=	54	%	EPA 8270C	-88	-88	51	143	
2016/17-3	MO-OXN	srgt environ	12/30/2016	Organic	Nitrobenzene-d5	n/a	=	14.4	µg/L	EPA 625	-88	-88			
2016/17-3	MO-OXN	srgt environ, rec	12/30/2016	Organic	Nitrobenzene-d5	n/a	=	58	%	EPA 625	-88	-88	27	111	
2016/17-3	MO-OXN	srgt environ	1/10/2017	Organic	Nitrobenzene-d5	n/a	=	3.4	µg/L	EPA 8270C	-88	-88			
2016/17-3	MO-OXN	srgt environ, rec	1/10/2017	Organic	Nitrobenzene-d5	n/a	=	68	%	EPA 8270C	-88	-88	51	143	
2016/17-3	MO-SIM	srgt environ	12/28/2016	Organic	Nitrobenzene-d5	n/a	=	17.4	µg/L	EPA 625	-88	-88			
2016/17-3	MO-SIM	srgt environ, rec	12/28/2016	Organic	Nitrobenzene-d5	n/a	=	70	%	EPA 625	-88	-88	27	111	
2016/17-3	MO-SIM	srgt environ	1/10/2017	Organic	Nitrobenzene-d5	n/a	=	3.74	µg/L	EPA 8270C	-88	-88			
2016/17-3	MO-SIM	srgt environ, rec	1/10/2017	Organic	Nitrobenzene-d5	n/a	=	75	%	EPA 8270C	-88	-88	51	143	
2016/17-3	MO-SPA	srgt environ	12/28/2016	Organic	Nitrobenzene-d5	n/a	=	13.5	µg/L	EPA 625	-88	-88			
2016/17-3	MO-SPA	srgt environ, rec	12/28/2016	Organic	Nitrobenzene-d5	n/a	=	54	%	EPA 625	-88	-88	27	111	
2016/17-3	MO-SPA	srgt environ	1/10/2017	Organic	Nitrobenzene-d5	n/a	=	3.26	µg/L	EPA 8270C	-88	-88			
2016/17-3	MO-SPA	srgt environ, rec	1/10/2017	Organic	Nitrobenzene-d5	n/a	=	65	%	EPA 8270C	-88	-88	51	143	
2016/17-3	MO-THO	srgt environ	12/30/2016	Organic	Nitrobenzene-d5	n/a	=	14.2	µg/L	EPA 625	-88	-88			
2016/17-3	MO-THO	srgt environ, rec	12/30/2016	Organic	Nitrobenzene-d5	n/a	=	57	%	EPA 625	-88	-88	27	111	
2016/17-3	MO-THO	srgt environ	1/10/2017	Organic	Nitrobenzene-d5	n/a	=	3.42	µg/L	EPA 8270C	-88	-88			
2016/17-3	MO-THO	srgt environ, rec	1/10/2017	Organic	Nitrobenzene-d5	n/a	=	68	%	EPA 8270C	-88	-88	51	143	
2016/17-3	MO-VEN	srgt environ	12/28/2016	Organic	Nitrobenzene-d5	n/a	=	17.4	µg/L	EPA 625	-88	-88			
2016/17-3	MO-VEN	srgt environ, rec	12/28/2016	Organic	Nitrobenzene-d5	n/a	=	69	%	EPA 625	-88	-88	27	111	
2016/17-3	MO-VEN	srgt environ	1/10/2017	Organic	Nitrobenzene-d5	n/a	=	3.51	µg/L	EPA 8270C	-88	-88			
2016/17-3	MO-VEN	srgt environ, rec	1/10/2017	Organic	Nitrobenzene-d5	n/a	=	70	%	EPA 8270C	-88	-88	51	143	
2016/17-3	Lab	method blank	12/28/2016	Organic	N-Nitrosodimethylamine	n/a	<	0.14	µg/L	EPA 625	0.14	1			
2016/17-3	Lab	LCS	12/28/2016	Organic	N-Nitrosodimethylamine	n/a	=	14	µg/L	EPA 625	0.14	1			
2016/17-3	Lab	LCS, rec	12/28/2016	Organic	N-Nitrosodimethylamine	n/a	=	56	%	EPA 625	-88	-88	28	75	
2016/17-3	Lab	LCS dup	12/28/2016	Organic	N-Nitrosodimethylamine	n/a	=	16.1	µg/L	EPA 625	0.14	1			
2016/17-3	Lab	LCS dup, rec	12/28/2016	Organic	N-Nitrosodimethylamine	n/a	=	64	%	EPA 625	-88	-88	28	75	
2016/17-3	Lab	LCS, RPD	12/28/2016	Organic	N-Nitrosodimethylamine	n/a	=	14	%	EPA 625	-88	-88	0	30	
2016/17-3	Lab	method blank	12/30/2016	Organic	N-Nitrosodimethylamine	n/a	<	0.14	µg/L	EPA 625	0.14	1			
2016/17-3	Lab	LCS	12/30/2016	Organic	N-Nitrosodimethylamine	n/a	=	14.8	µg/L	EPA 625	0.14	1			
2016/17-3	Lab	LCS, rec	12/30/2016	Organic	N-Nitrosodimethylamine	n/a	=	59	%	EPA 625	-88	-88	28	75	
2016/17-3	Lab	LCS dup	12/30/2016	Organic	N-Nitrosodimethylamine	n/a	=	16.6	µg/L	EPA 625	0.14	1			
2016/17-3	Lab	LCS dup, rec	12/30/2016	Organic	N-Nitrosodimethylamine	n/a	=	66	%	EPA 625	-88	-88	28	75	
2016/17-3	Lab	LCS, RPD	12/30/2016	Organic	N-Nitrosodimethylamine	n/a	=	11	%	EPA 625	-88	-88	0	30	
2016/17-3	Lab	method blank	12/28/2016	Organic	N-Nitrosodi-N-propylamine	n/a	<	0.26	µg/L	EPA 625	0.26	1			
2016/17-3	Lab	LCS	12/28/2016	Organic	N-Nitrosodi-N-propylamine	n/a	=	20.8	µg/L	EPA 625	0.26	1			
2016/17-3	Lab	LCS, rec	12/28/2016	Organic	N-Nitrosodi-N-propylamine	n/a	=	83	%	EPA 625	-88	-88	0.1	230	
2016/17-3	Lab	LCS dup	12/28/2016	Organic	N-Nitrosodi-N-propylamine	n/a	=	24.9	µg/L	EPA 625	0.26	1			
2016/17-3	Lab	LCS dup, rec	12/28/2016	Organic	N-Nitrosodi-N-propylamine	n/a	=	100	%	EPA 625	-88	-88	0.1	230	
2016/17-3	Lab	LCS, RPD	12/28/2016	Organic	N-Nitrosodi-N-propylamine	n/a	=	18	%	EPA 625	-88	-88	0	30	
2016/17-3	Lab	method blank	12/30/2016	Organic	N-Nitrosodi-N-propylamine	n/a	<	0.26	µg/L	EPA 625	0.26	1			
2016/17-3	Lab	LCS	12/30/2016	Organic	N-Nitrosodi-N-propylamine	n/a	=	23.5	µg/L	EPA 625	0.26	1			
2016/17-3	Lab	LCS, rec	12/30/2016	Organic	N-Nitrosodi-N-propylamine	n/a	=	94	%	EPA 625	-88	-88	0.1	230	
2016/17-3	Lab	LCS dup	12/30/2016	Organic	N-Nitrosodi-N-propylamine	n/a	=	25.1	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	
2016/17-3	Lab	LCS dup, rec	12/30/2016	Organic	N-Nitrosodi-N-propylamine	n/a	=	100	%	EPA 625	-88	-88	0.1	230	
2016/17-3	Lab	LCS, RPD	12/30/2016	Organic	N-Nitrosodi-N-propylamine	n/a	=	7	%	EPA 625	-88	-88	0	30	
2016/17-3	Lab	method blank	12/28/2016	Organic	N-Nitrosodiphenylamine	n/a	<	0.19	µg/L	EPA 625	0.19	1			
2016/17-3	Lab	LCS	12/28/2016	Organic	N-Nitrosodiphenylamine	n/a	=	19	µg/L	EPA 625	0.19	1			
2016/17-3	Lab	LCS, rec	12/28/2016	Organic	N-Nitrosodiphenylamine	n/a	=	76	%	EPA 625	-88	-88	42	90	
2016/17-3	Lab	LCS dup	12/28/2016	Organic	N-Nitrosodiphenylamine	n/a	=	21	µg/L	EPA 625	0.19	1			
2016/17-3	Lab	LCS dup, rec	12/28/2016	Organic	N-Nitrosodiphenylamine	n/a	=	84	%	EPA 625	-88	-88	42	90	
2016/17-3	Lab	LCS, RPD	12/28/2016	Organic	N-Nitrosodiphenylamine	n/a	=	10	%	EPA 625	-88	-88	0	30	
2016/17-3	Lab	method blank	12/30/2016	Organic	N-Nitrosodiphenylamine	n/a	<	0.19	µg/L	EPA 625	0.19	1			
2016/17-3	Lab	LCS	12/30/2016	Organic	N-Nitrosodiphenylamine	n/a	=	19	µg/L	EPA 625	0.19	1			
2016/17-3	Lab	LCS, rec	12/30/2016	Organic	N-Nitrosodiphenylamine	n/a	=	76	%	EPA 625	-88	-88	42	90	
2016/17-3	Lab	LCS dup	12/30/2016	Organic	N-Nitrosodiphenylamine	n/a	=	19.9	µg/L	EPA 625	0.19	1			
2016/17-3	Lab	LCS dup, rec	12/30/2016	Organic	N-Nitrosodiphenylamine	n/a	=	80	%	EPA 625	-88	-88	42	90	
2016/17-3	Lab	LCS, RPD	12/30/2016	Organic	N-Nitrosodiphenylamine	n/a	=	5	%	EPA 625	-88	-88	0	30	
2016/17-3	Lab	srgt method blank	12/27/2016	Organic	Perylene-d12	n/a	=	5.05	µg/L	EPA 525.2	-88	-88			
2016/17-3	Lab	srgt method blank, rec	12/27/2016	Organic	Perylene-d12	n/a	=	101	%	EPA 525.2	-88	-88	30	118	
2016/17-3	Lab	srgt LCS	12/27/2016	Organic	Perylene-d12	n/a	=	5.58	µg/L	EPA 525.2	-88	-88			
2016/17-3	Lab	srgt LCS, rec	12/27/2016	Organic	Perylene-d12	n/a	=	112	%	EPA 525.2	-88	-88	30	118	
2016/17-3	Lab	srgt LCS dup	12/27/2016	Organic	Perylene-d12	n/a	=	5.47	µg/L	EPA 525.2	-88	-88			
2016/17-3	Lab	srgt LCS dup, rec	12/27/2016	Organic	Perylene-d12	n/a	=	109	%	EPA 525.2	-88	-88	30	118	
2016/17-3	Lab	srgt method blank	12/28/2016	Organic	Perylene-d12	n/a	=	3.6	µg/L	EPA 525.2	-88	-88			
2016/17-3	Lab	srgt method blank, rec	12/28/2016	Organic	Perylene-d12	n/a	=	72	%	EPA 525.2	-88	-88	30	118	
2016/17-3	Lab	srgt LCS	12/28/2016	Organic	Perylene-d12	n/a	=	4.21	µg/L	EPA 525.2	-88	-88			
2016/17-3	Lab	srgt LCS, rec	12/28/2016	Organic	Perylene-d12	n/a	=	84	%	EPA 525.2	-88	-88	30	118	
2016/17-3	Lab	srgt LCS dup	12/28/2016	Organic	Perylene-d12	n/a	=	3.94	µg/L	EPA 525.2	-88	-88			
2016/17-3	Lab	srgt LCS dup, rec	12/28/2016	Organic	Perylene-d12	n/a	=	79	%	EPA 525.2	-88	-88	30	118	
2016/17-3	ME-CC	srgt environ	12/27/2016	Organic	Perylene-d12	n/a	=	3.58	µg/L	EPA 525.2	-88	-88			
2016/17-3	ME-CC	srgt environ, rec	12/27/2016	Organic	Perylene-d12	n/a	=	72	%	EPA 525.2	-88	-88	30	118	
2016/17-3	ME-VR2	srgt environ	12/27/2016	Organic	Perylene-d12	n/a	=	4.1	µg/L	EPA 525.2	-88	-88			
2016/17-3	ME-VR2	srgt environ, rec	12/27/2016	Organic	Perylene-d12	n/a	=	82	%	EPA 525.2	-88	-88	30	118	
2016/17-3	MO-CAM	srgt environ	12/27/2016	Organic	Perylene-d12	n/a	=	2.19	µg/L	EPA 525.2	-88	-88			
2016/17-3	MO-CAM	srgt environ, rec	12/27/2016	Organic	Perylene-d12	n/a	=	44	%	EPA 525.2	-88	-88	30	118	
2016/17-3	MO-FIL	srgt environ	12/27/2016	Organic	Perylene-d12	n/a	=	1.89	µg/L	EPA 525.2	-88	-88			
2016/17-3	MO-FIL	srgt environ, rec	12/27/2016	Organic	Perylene-d12	n/a	=	38	%	EPA 525.2	-88	-88	30	118	
2016/17-3	MO-HUE	srgt environ	12/27/2016	Organic	Perylene-d12	n/a	=	1.89	µg/L	EPA 525.2	-88	-88			
2016/17-3	MO-HUE	srgt environ, rec	12/27/2016	Organic	Perylene-d12	n/a	=	38	%	EPA 525.2	-88	-88	30	118	
2016/17-3	MO-MEI	srgt environ	12/27/2016	Organic	Perylene-d12	n/a	=	2.47	µg/L	EPA 525.2	-88	-88			
2016/17-3	MO-MEI	srgt environ, rec	12/27/2016	Organic	Perylene-d12	n/a	=	49	%	EPA 525.2	-88	-88	30	118	
2016/17-3	MO-MPK	srgt environ	12/27/2016	Organic	Perylene-d12	n/a	=	2.23	µg/L	EPA 525.2	-88	-88			
2016/17-3	MO-MPK	srgt environ, rec	12/27/2016	Organic	Perylene-d12	n/a	=	45	%	EPA 525.2	-88	-88	30	118	
2016/17-3	MO-OJA	srgt environ	12/27/2016	Organic	Perylene-d12	n/a	=	2.98	µg/L	EPA 525.2	-88	-88			
2016/17-3	MO-OJA	srgt environ, rec	12/27/2016	Organic	Perylene-d12	n/a	=	60	%	EPA 525.2	-88	-88	30	118	
2016/17-3	MO-OXN	srgt environ	12/28/2016	Organic	Perylene-d12	n/a	=	1.85	µg/L	EPA 525.2	-88	-88			
2016/17-3	MO-OXN	srgt environ, rec	12/28/2016	Organic	Perylene-d12	n/a	=	37	%	EPA 525.2	-88	-88	30	118	
2016/17-3	MO-SIM	srgt environ	12/27/2016	Organic	Perylene-d12	n/a	=	2.01	µg/L	EPA 525.2	-88	-88			
2016/17-3	MO-SIM	srgt environ, rec	12/27/2016	Organic	Perylene-d12	n/a	=	40	%	EPA 525.2	-88	-88	30	118	
2016/17-3	MO-SPA	srgt environ	12/28/2016	Organic	Perylene-d12	n/a	=	1.79	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	
2016/17-3	MO-SPA	srgt environ, rec	12/28/2016	Organic	Perylene-d12	n/a	=	36	%	EPA 525.2	-88	-88	30	118	
2016/17-3	MO-THO	srgt environ	12/27/2016	Organic	Perylene-d12	n/a	=	1.75	µg/L	EPA 525.2	-88	-88			
2016/17-3	MO-THO	srgt environ, rec	12/27/2016	Organic	Perylene-d12	n/a	=	35	%	EPA 525.2	-88	-88	30	118	
2016/17-3	MO-VEN	srgt environ	12/27/2016	Organic	Perylene-d12	n/a	=	2.39	µg/L	EPA 525.2	-88	-88			
2016/17-3	MO-VEN	srgt environ, rec	12/27/2016	Organic	Perylene-d12	n/a	=	48	%	EPA 525.2	-88	-88	30	118	
2016/17-3	Lab	method blank	12/28/2016	Organic	Phenanthrene	n/a	<	0.32	µg/L	EPA 625	0.32	1			
2016/17-3	Lab	LCS	12/28/2016	Organic	Phenanthrene	n/a	=	22.2	µg/L	EPA 625	0.32	1			
2016/17-3	Lab	LCS, rec	12/28/2016	Organic	Phenanthrene	n/a	=	89	%	EPA 625	-88	-88	54	120	
2016/17-3	Lab	LCS dup	12/28/2016	Organic	Phenanthrene	n/a	=	24.2	µg/L	EPA 625	0.32	1			
2016/17-3	Lab	LCS dup, rec	12/28/2016	Organic	Phenanthrene	n/a	=	97	%	EPA 625	-88	-88	54	120	
2016/17-3	Lab	LCS, RPD	12/28/2016	Organic	Phenanthrene	n/a	=	9	%	EPA 625	-88	-88	0	30	
2016/17-3	Lab	method blank	12/30/2016	Organic	Phenanthrene	n/a	<	0.32	µg/L	EPA 625	0.32	1			
2016/17-3	Lab	LCS	12/30/2016	Organic	Phenanthrene	n/a	=	22.9	µg/L	EPA 625	0.32	1			
2016/17-3	Lab	LCS, rec	12/30/2016	Organic	Phenanthrene	n/a	=	92	%	EPA 625	-88	-88	54	120	
2016/17-3	Lab	LCS dup	12/30/2016	Organic	Phenanthrene	n/a	=	25.3	µg/L	EPA 625	0.32	1			
2016/17-3	Lab	LCS dup, rec	12/30/2016	Organic	Phenanthrene	n/a	=	101	%	EPA 625	-88	-88	54	120	
2016/17-3	Lab	LCS, RPD	12/30/2016	Organic	Phenanthrene	n/a	=	10	%	EPA 625	-88	-88	0	30	
2016/17-3	Lab	method blank	1/9/2017	Organic	Phenanthrene	n/a	<	0.1	µg/L	EPA 8270C	0.1	0.1			
2016/17-3	Lab	LCS	1/9/2017	Organic	Phenanthrene	n/a	=	8.91	µg/L	EPA 8270C	0.1	0.1			
2016/17-3	Lab	LCS, rec	1/9/2017	Organic	Phenanthrene	n/a	=	89	%	EPA 8270C	-88	-88	21	131	
2016/17-3	Lab	LCS dup	1/9/2017	Organic	Phenanthrene	n/a	=	9.32	µg/L	EPA 8270C	0.1	0.1			
2016/17-3	Lab	LCS dup, rec	1/9/2017	Organic	Phenanthrene	n/a	=	93	%	EPA 8270C	-88	-88	21	131	
2016/17-3	Lab	LCS, RPD	1/9/2017	Organic	Phenanthrene	n/a	=	5	%	EPA 8270C	-88	-88	0	30	
2016/17-3	Lab	method blank	12/28/2016	Organic	Phenol	n/a	<	0.16	µg/L	EPA 625	0.16	1			
2016/17-3	Lab	LCS	12/28/2016	Organic	Phenol	n/a	=	8.06	µg/L	EPA 625	0.16	1			
2016/17-3	Lab	LCS, rec	12/28/2016	Organic	Phenol	n/a	=	32	%	EPA 625	-88	-88	5	112	
2016/17-3	Lab	LCS dup	12/28/2016	Organic	Phenol	n/a	=	9.56	µg/L	EPA 625	0.16	1			
2016/17-3	Lab	LCS dup, rec	12/28/2016	Organic	Phenol	n/a	=	38	%	EPA 625	-88	-88	5	112	
2016/17-3	Lab	LCS, RPD	12/28/2016	Organic	Phenol	n/a	=	17	%	EPA 625	-88	-88	0	30	
2016/17-3	Lab	method blank	12/30/2016	Organic	Phenol	n/a	<	0.16	µg/L	EPA 625	0.16	1			
2016/17-3	Lab	LCS	12/30/2016	Organic	Phenol	n/a	=	8.23	µg/L	EPA 625	0.16	1			
2016/17-3	Lab	LCS, rec	12/30/2016	Organic	Phenol	n/a	=	33	%	EPA 625	-88	-88	5	112	
2016/17-3	Lab	LCS dup	12/30/2016	Organic	Phenol	n/a	=	9.09	µg/L	EPA 625	0.16	1			
2016/17-3	Lab	LCS dup, rec	12/30/2016	Organic	Phenol	n/a	=	36	%	EPA 625	-88	-88	5	112	
2016/17-3	Lab	LCS, RPD	12/30/2016	Organic	Phenol	n/a	=	10	%	EPA 625	-88	-88	0	30	
2016/17-3	Lab	method blank	1/10/2017	Organic	Phenol	n/a	<	0.35	µg/L	EPA 8270C	0.35	1			
2016/17-3	Lab	LCS	1/10/2017	Organic	Phenol	n/a	=	3.38	µg/L	EPA 8270C	0.35	1			
2016/17-3	Lab	LCS, rec	1/10/2017	Organic	Phenol	n/a	=	34	%	EPA 8270C	-88	-88	6	43	
2016/17-3	Lab	LCS dup	1/10/2017	Organic	Phenol	n/a	=	3.67	µg/L	EPA 8270C	0.35	1			
2016/17-3	Lab	LCS dup, rec	1/10/2017	Organic	Phenol	n/a	=	37	%	EPA 8270C	-88	-88	6	43	
2016/17-3	Lab	LCS, RPD	1/10/2017	Organic	Phenol	n/a	=	8	%	EPA 8270C	-88	-88	0	30	
2016/17-3	Lab	srgt method blank	12/28/2016	Organic	Phenol-d5	n/a	=	21.2	µg/L	EPA 625	-88	-88			
2016/17-3	Lab	srgt method blank, rec	12/28/2016	Organic	Phenol-d5	n/a	=	42	%	EPA 625	-88	-88	0.1	53	
2016/17-3	Lab	srgt LCS	12/28/2016	Organic	Phenol-d5	n/a	=	15.9	µg/L	EPA 625	-88	-88			
2016/17-3	Lab	srgt LCS, rec	12/28/2016	Organic	Phenol-d5	n/a	=	32	%	EPA 625	-88	-88	0.1	53	
2016/17-3	Lab	srgt LCS dup	12/28/2016	Organic	Phenol-d5	n/a	=	18.6	µg/L	EPA 625	-88	-88			
2016/17-3	Lab	srgt LCS dup, rec	12/28/2016	Organic	Phenol-d5	n/a	=	37	%	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	
2016/17-3	Lab	srgt method blank	12/30/2016	Organic	Phenol-d5	n/a	=	18.3	µg/L	EPA 625	-88	-88			
2016/17-3	Lab	srgt method blank, rec	12/30/2016	Organic	Phenol-d5	n/a	=	37	%	EPA 625	-88	-88	0.1	53	
2016/17-3	Lab	srgt LCS	12/30/2016	Organic	Phenol-d5	n/a	=	16	µg/L	EPA 625	-88	-88			
2016/17-3	Lab	srgt LCS, rec	12/30/2016	Organic	Phenol-d5	n/a	=	32	%	EPA 625	-88	-88	0.1	53	
2016/17-3	Lab	srgt LCS dup	12/30/2016	Organic	Phenol-d5	n/a	=	17.9	µg/L	EPA 625	-88	-88			
2016/17-3	Lab	srgt LCS dup, rec	12/30/2016	Organic	Phenol-d5	n/a	=	36	%	EPA 625	-88	-88	0.1	53	
2016/17-3	Lab	srgt method blank	1/5/2017	Organic	Phenol-d5	n/a	=	20.9	µg/L	EPA 625	-88	-88			
2016/17-3	Lab	srgt method blank, rec	1/5/2017	Organic	Phenol-d5	n/a	=	42	%	EPA 625	-88	-88	0.1	53	
2016/17-3	Lab	srgt LCS	1/5/2017	Organic	Phenol-d5	n/a	=	15.8	µg/L	EPA 625	-88	-88			
2016/17-3	Lab	srgt LCS, rec	1/5/2017	Organic	Phenol-d5	n/a	=	32	%	EPA 625	-88	-88	0.1	53	
2016/17-3	Lab	srgt LCS dup	1/5/2017	Organic	Phenol-d5	n/a	=	18.2	µg/L	EPA 625	-88	-88			
2016/17-3	Lab	srgt LCS dup, rec	1/5/2017	Organic	Phenol-d5	n/a	=	36	%	EPA 625	-88	-88	0.1	53	
2016/17-3	Lab	srgt method blank	1/10/2017	Organic	Phenol-d5	n/a	=	3.13	µg/L	EPA 8270C	-88	-88			
2016/17-3	Lab	srgt method blank, rec	1/10/2017	Organic	Phenol-d5	n/a	=	31	%	EPA 8270C	-88	-88	5	46	
2016/17-3	Lab	srgt LCS	1/10/2017	Organic	Phenol-d5	n/a	=	3.39	µg/L	EPA 8270C	-88	-88			
2016/17-3	Lab	srgt LCS, rec	1/10/2017	Organic	Phenol-d5	n/a	=	34	%	EPA 8270C	-88	-88	5	46	
2016/17-3	Lab	srgt LCS dup	1/10/2017	Organic	Phenol-d5	n/a	=	3.68	µg/L	EPA 8270C	-88	-88			
2016/17-3	Lab	srgt LCS dup, rec	1/10/2017	Organic	Phenol-d5	n/a	=	37	%	EPA 8270C	-88	-88	5	46	
2016/17-3	ME-CC	srgt environ	12/28/2016	Organic	Phenol-d5	n/a	=	14.7	µg/L	EPA 625	-88	-88			
2016/17-3	ME-CC	srgt environ, rec	12/28/2016	Organic	Phenol-d5	n/a	=	29	%	EPA 625	-88	-88	0.1	53	
2016/17-3	ME-CC	srgt environ	1/10/2017	Organic	Phenol-d5	n/a	=	2.09	µg/L	EPA 8270C	-88	-88			
2016/17-3	ME-CC	srgt environ, rec	1/10/2017	Organic	Phenol-d5	n/a	=	21	%	EPA 8270C	-88	-88	5	46	
2016/17-3	ME-VR2	srgt environ	12/28/2016	Organic	Phenol-d5	n/a	=	17.2	µg/L	EPA 625	-88	-88			
2016/17-3	ME-VR2	srgt environ, rec	12/28/2016	Organic	Phenol-d5	n/a	=	34	%	EPA 625	-88	-88	0.1	53	
2016/17-3	ME-VR2	srgt environ	1/10/2017	Organic	Phenol-d5	n/a	=	3.21	µg/L	EPA 8270C	-88	-88			
2016/17-3	ME-VR2	srgt environ, rec	1/10/2017	Organic	Phenol-d5	n/a	=	32	%	EPA 8270C	-88	-88	5	46	
2016/17-3	MO-CAM	srgt environ	12/28/2016	Organic	Phenol-d5	n/a	=	2.72	µg/L	EPA 625	-88	-88			
2016/17-3	MO-CAM	srgt environ, rec	12/28/2016	Organic	Phenol-d5	n/a	=	5	%	EPA 625	-88	-88	0.1	53	
2016/17-3	MO-CAM	srgt environ	1/10/2017	Organic	Phenol-d5	n/a	=	1.5	µg/L	EPA 8270C	-88	-88			
2016/17-3	MO-CAM	srgt environ, rec	1/10/2017	Organic	Phenol-d5	n/a	=	15	%	EPA 8270C	-88	-88	5	46	
2016/17-3	MO-FIL	srgt environ	12/28/2016	Organic	Phenol-d5	n/a	=	13.6	µg/L	EPA 625	-88	-88			
2016/17-3	MO-FIL	srgt environ, rec	12/28/2016	Organic	Phenol-d5	n/a	=	27	%	EPA 625	-88	-88	0.1	53	
2016/17-3	MO-FIL	srgt environ	1/10/2017	Organic	Phenol-d5	n/a	=	2.3	µg/L	EPA 8270C	-88	-88			
2016/17-3	MO-FIL	srgt environ, rec	1/10/2017	Organic	Phenol-d5	n/a	=	23	%	EPA 8270C	-88	-88	5	46	
2016/17-3	MO-HUE	srgt environ	12/30/2016	Organic	Phenol-d5	n/a	=	10.4	µg/L	EPA 625	-88	-88			
2016/17-3	MO-HUE	srgt environ, rec	12/30/2016	Organic	Phenol-d5	n/a	=	21	%	EPA 625	-88	-88	0.1	53	
2016/17-3	MO-HUE	srgt environ	1/10/2017	Organic	Phenol-d5	n/a	=	2.86	µg/L	EPA 8270C	-88	-88			
2016/17-3	MO-HUE	srgt environ, rec	1/10/2017	Organic	Phenol-d5	n/a	=	29	%	EPA 8270C	-88	-88	5	46	
2016/17-3	MO-MEI	srgt environ	12/28/2016	Organic	Phenol-d5	n/a	=	11.2	µg/L	EPA 625	-88	-88			
2016/17-3	MO-MEI	srgt environ, rec	12/28/2016	Organic	Phenol-d5	n/a	=	22	%	EPA 625	-88	-88	0.1	53	
2016/17-3	MO-MEI	srgt environ	1/10/2017	Organic	Phenol-d5	n/a	=	0.8	µg/L	EPA 8270C	-88	-88			
2016/17-3	MO-MEI	srgt environ, rec	1/10/2017	Organic	Phenol-d5	n/a	=	8	%	EPA 8270C	-88	-88	5	46	
2016/17-3	MO-MPK	srgt environ	12/28/2016	Organic	Phenol-d5	n/a	=	16	µg/L	EPA 625	-88	-88			
2016/17-3	MO-MPK	srgt environ, rec	12/28/2016	Organic	Phenol-d5	n/a	=	32	%	EPA 625	-88	-88	0.1	53	
2016/17-3	MO-MPK	srgt environ	1/10/2017	Organic	Phenol-d5	n/a	=	3.14	µg/L	EPA 8270C	-88	-88			
2016/17-3	MO-MPK	srgt environ, rec	1/10/2017	Organic	Phenol-d5	n/a	=	31	%	EPA 8270C	-88	-88	5	46	
2016/17-3	MO-OJA	srgt environ	12/28/2016	Organic	Phenol-d5	n/a	=	17.2	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	
2016/17-3	MO-OJA	srgt environ, rec	12/28/2016	Organic	Phenol-d5	n/a	=	34	%	EPA 625	-88	-88	0.1	53	
2016/17-3	MO-OJA	srgt environ	1/10/2017	Organic	Phenol-d5	n/a	=	1.85	µg/L	EPA 8270C	-88	-88			
2016/17-3	MO-OJA	srgt environ, rec	1/10/2017	Organic	Phenol-d5	n/a	=	18	%	EPA 8270C	-88	-88	5	46	
2016/17-3	MO-OXN	srgt environ	12/30/2016	Organic	Phenol-d5	n/a	=	12	µg/L	EPA 625	-88	-88			
2016/17-3	MO-OXN	srgt environ, rec	12/30/2016	Organic	Phenol-d5	n/a	=	24	%	EPA 625	-88	-88	0.1	53	
2016/17-3	MO-OXN	srgt environ	1/10/2017	Organic	Phenol-d5	n/a	=	1.65	µg/L	EPA 8270C	-88	-88			
2016/17-3	MO-OXN	srgt environ, rec	1/10/2017	Organic	Phenol-d5	n/a	=	16	%	EPA 8270C	-88	-88	5	46	
2016/17-3	MO-SIM	srgt environ	12/28/2016	Organic	Phenol-d5	n/a	=	14.6	µg/L	EPA 625	-88	-88			
2016/17-3	MO-SIM	srgt environ, rec	12/28/2016	Organic	Phenol-d5	n/a	=	29	%	EPA 625	-88	-88	0.1	53	
2016/17-3	MO-SIM	srgt environ	1/10/2017	Organic	Phenol-d5	n/a	=	2.99	µg/L	EPA 8270C	-88	-88			
2016/17-3	MO-SIM	srgt environ, rec	1/10/2017	Organic	Phenol-d5	n/a	=	30	%	EPA 8270C	-88	-88	5	46	
2016/17-3	MO-SPA	srgt environ	12/28/2016	Organic	Phenol-d5	n/a	=	8.4	µg/L	EPA 625	-88	-88			
2016/17-3	MO-SPA	srgt environ, rec	12/28/2016	Organic	Phenol-d5	n/a	=	17	%	EPA 625	-88	-88	0.1	53	
2016/17-3	MO-SPA	srgt environ	1/10/2017	Organic	Phenol-d5	n/a	=	1.65	µg/L	EPA 8270C	-88	-88			
2016/17-3	MO-SPA	srgt environ, rec	1/10/2017	Organic	Phenol-d5	n/a	=	16	%	EPA 8270C	-88	-88	5	46	
2016/17-3	MO-THO	srgt environ	12/30/2016	Organic	Phenol-d5	n/a	=	12.8	µg/L	EPA 625	-88	-88			
2016/17-3	MO-THO	srgt environ, rec	12/30/2016	Organic	Phenol-d5	n/a	=	26	%	EPA 625	-88	-88	0.1	53	
2016/17-3	MO-THO	srgt environ	1/10/2017	Organic	Phenol-d5	n/a	=	2.76	µg/L	EPA 8270C	-88	-88			
2016/17-3	MO-THO	srgt environ, rec	1/10/2017	Organic	Phenol-d5	n/a	=	28	%	EPA 8270C	-88	-88	5	46	
2016/17-3	MO-VEN	srgt environ	12/28/2016	Organic	Phenol-d5	n/a	=	13.4	µg/L	EPA 625	-88	-88			
2016/17-3	MO-VEN	srgt environ, rec	12/28/2016	Organic	Phenol-d5	n/a	=	27	%	EPA 625	-88	-88	0.1	53	
2016/17-3	MO-VEN	srgt environ	1/10/2017	Organic	Phenol-d5	n/a	=	1.6	µg/L	EPA 8270C	-88	-88			
2016/17-3	MO-VEN	srgt environ, rec	1/10/2017	Organic	Phenol-d5	n/a	=	16	%	EPA 8270C	-88	-88	5	46	
2016/17-3	Lab	srgt method blank	12/28/2016	Organic	p-Terphenyl-d14	n/a	=	22.4	µg/L	EPA 625	-88	-88			
2016/17-3	Lab	srgt method blank, rec	12/28/2016	Organic	p-Terphenyl-d14	n/a	=	89	%	EPA 625	-88	-88	28	113	
2016/17-3	Lab	srgt LCS	12/28/2016	Organic	p-Terphenyl-d14	n/a	=	20	µg/L	EPA 625	-88	-88			
2016/17-3	Lab	srgt LCS, rec	12/28/2016	Organic	p-Terphenyl-d14	n/a	=	80	%	EPA 625	-88	-88	28	113	
2016/17-3	Lab	srgt LCS dup	12/28/2016	Organic	p-Terphenyl-d14	n/a	=	22.1	µg/L	EPA 625	-88	-88			
2016/17-3	Lab	srgt LCS dup, rec	12/28/2016	Organic	p-Terphenyl-d14	n/a	=	89	%	EPA 625	-88	-88	28	113	
2016/17-3	Lab	srgt method blank	12/30/2016	Organic	p-Terphenyl-d14	n/a	=	19	µg/L	EPA 625	-88	-88			
2016/17-3	Lab	srgt method blank, rec	12/30/2016	Organic	p-Terphenyl-d14	n/a	=	76	%	EPA 625	-88	-88	28	113	
2016/17-3	Lab	srgt LCS	12/30/2016	Organic	p-Terphenyl-d14	n/a	=	18.5	µg/L	EPA 625	-88	-88			
2016/17-3	Lab	srgt LCS, rec	12/30/2016	Organic	p-Terphenyl-d14	n/a	=	74	%	EPA 625	-88	-88	28	113	
2016/17-3	Lab	srgt LCS dup	12/30/2016	Organic	p-Terphenyl-d14	n/a	=	19.9	µg/L	EPA 625	-88	-88			
2016/17-3	Lab	srgt LCS dup, rec	12/30/2016	Organic	p-Terphenyl-d14	n/a	=	80	%	EPA 625	-88	-88	28	113	
2016/17-3	Lab	srgt method blank	1/5/2017	Organic	p-Terphenyl-d14	n/a	=	21.4	µg/L	EPA 625	-88	-88			
2016/17-3	Lab	srgt method blank, rec	1/5/2017	Organic	p-Terphenyl-d14	n/a	=	86	%	EPA 625	-88	-88	28	113	
2016/17-3	Lab	srgt LCS	1/5/2017	Organic	p-Terphenyl-d14	n/a	=	19.9	µg/L	EPA 625	-88	-88			
2016/17-3	Lab	srgt LCS, rec	1/5/2017	Organic	p-Terphenyl-d14	n/a	=	80	%	EPA 625	-88	-88	28	113	
2016/17-3	Lab	srgt LCS dup	1/5/2017	Organic	p-Terphenyl-d14	n/a	=	20	µg/L	EPA 625	-88	-88			
2016/17-3	Lab	srgt LCS dup, rec	1/5/2017	Organic	p-Terphenyl-d14	n/a	=	80	%	EPA 625	-88	-88	28	113	
2016/17-3	Lab	srgt method blank	1/9/2017	Organic	p-Terphenyl-d14	n/a	=	3.55	µg/L	EPA 8270C	-88	-88			
2016/17-3	Lab	srgt method blank, rec	1/9/2017	Organic	p-Terphenyl-d14	n/a	=	71	%	EPA 8270C	-88	-88	19	134	
2016/17-3	Lab	srgt LCS	1/9/2017	Organic	p-Terphenyl-d14	n/a	=	4.05	µg/L	EPA 8270C	-88	-88			
2016/17-3	Lab	srgt LCS, rec	1/9/2017	Organic	p-Terphenyl-d14	n/a	=	81	%	EPA 8270C	-88	-88	19	134	
2016/17-3	Lab	srgt LCS dup	1/9/2017	Organic	p-Terphenyl-d14	n/a	=	4.2	µg/L	EPA 8270C	-88	-88			
2016/17-3	Lab	srgt LCS dup, rec	1/9/2017	Organic	p-Terphenyl-d14	n/a	=	84	%	EPA 8270C	-88	-88	19	134	

Appendix F
Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2016/17-3	ME-CC	srgt environ	12/28/2016	Organic	p-Terphenyl-d14	n/a	=	21.1	µg/L	EPA 625	-88	-88			
2016/17-3	ME-CC	srgt environ, rec	12/28/2016	Organic	p-Terphenyl-d14	n/a	=	84	%	EPA 625	-88	-88	28	113	
2016/17-3	ME-CC	srgt environ	1/9/2017	Organic	p-Terphenyl-d14	n/a	=	2.49	µg/L	EPA 8270C	-88	-88			
2016/17-3	ME-CC	srgt environ, rec	1/9/2017	Organic	p-Terphenyl-d14	n/a	=	50	%	EPA 8270C	-88	-88	19	134	
2016/17-3	ME-VR2	srgt environ	12/28/2016	Organic	p-Terphenyl-d14	n/a	=	19.7	µg/L	EPA 625	-88	-88			
2016/17-3	ME-VR2	srgt environ, rec	12/28/2016	Organic	p-Terphenyl-d14	n/a	=	79	%	EPA 625	-88	-88	28	113	
2016/17-3	ME-VR2	srgt environ	1/9/2017	Organic	p-Terphenyl-d14	n/a	=	3.84	µg/L	EPA 8270C	-88	-88			
2016/17-3	ME-VR2	srgt environ, rec	1/9/2017	Organic	p-Terphenyl-d14	n/a	=	77	%	EPA 8270C	-88	-88	19	134	
2016/17-3	MO-CAM	srgt environ	12/28/2016	Organic	p-Terphenyl-d14	n/a	=	4.01	µg/L	EPA 625	-88	-88			GN
2016/17-3	MO-CAM	srgt environ, rec	12/28/2016	Organic	p-Terphenyl-d14	n/a	=	16	%	EPA 625	-88	-88	28	113	GN
2016/17-3	MO-CAM	srgt environ	1/10/2017	Organic	p-Terphenyl-d14	n/a	=	3.23	µg/L	EPA 8270C	-88	-88			
2016/17-3	MO-CAM	srgt environ, rec	1/10/2017	Organic	p-Terphenyl-d14	n/a	=	65	%	EPA 8270C	-88	-88	19	134	
2016/17-3	MO-FIL	srgt environ	12/28/2016	Organic	p-Terphenyl-d14	n/a	=	18.8	µg/L	EPA 625	-88	-88			
2016/17-3	MO-FIL	srgt environ, rec	12/28/2016	Organic	p-Terphenyl-d14	n/a	=	75	%	EPA 625	-88	-88	28	113	
2016/17-3	MO-FIL	srgt environ	1/10/2017	Organic	p-Terphenyl-d14	n/a	=	3.8	µg/L	EPA 8270C	-88	-88			
2016/17-3	MO-FIL	srgt environ, rec	1/10/2017	Organic	p-Terphenyl-d14	n/a	=	76	%	EPA 8270C	-88	-88	19	134	
2016/17-3	MO-HUE	srgt environ	12/30/2016	Organic	p-Terphenyl-d14	n/a	=	16	µg/L	EPA 625	-88	-88			
2016/17-3	MO-HUE	srgt environ, rec	12/30/2016	Organic	p-Terphenyl-d14	n/a	=	64	%	EPA 625	-88	-88	28	113	
2016/17-3	MO-HUE	srgt environ	1/10/2017	Organic	p-Terphenyl-d14	n/a	=	3.67	µg/L	EPA 8270C	-88	-88			
2016/17-3	MO-HUE	srgt environ, rec	1/10/2017	Organic	p-Terphenyl-d14	n/a	=	73	%	EPA 8270C	-88	-88	19	134	
2016/17-3	MO-MEI	srgt environ	12/28/2016	Organic	p-Terphenyl-d14	n/a	=	18.8	µg/L	EPA 625	-88	-88			
2016/17-3	MO-MEI	srgt environ, rec	12/28/2016	Organic	p-Terphenyl-d14	n/a	=	75	%	EPA 625	-88	-88	28	113	
2016/17-3	MO-MEI	srgt environ	1/10/2017	Organic	p-Terphenyl-d14	n/a	=	2.82	µg/L	EPA 8270C	-88	-88			
2016/17-3	MO-MEI	srgt environ, rec	1/10/2017	Organic	p-Terphenyl-d14	n/a	=	56	%	EPA 8270C	-88	-88	19	134	
2016/17-3	MO-MPK	srgt environ	12/28/2016	Organic	p-Terphenyl-d14	n/a	=	16.7	µg/L	EPA 625	-88	-88			
2016/17-3	MO-MPK	srgt environ, rec	12/28/2016	Organic	p-Terphenyl-d14	n/a	=	67	%	EPA 625	-88	-88	28	113	
2016/17-3	MO-MPK	srgt environ	1/10/2017	Organic	p-Terphenyl-d14	n/a	=	3.65	µg/L	EPA 8270C	-88	-88			
2016/17-3	MO-MPK	srgt environ, rec	1/10/2017	Organic	p-Terphenyl-d14	n/a	=	73	%	EPA 8270C	-88	-88	19	134	
2016/17-3	MO-OJA	srgt environ	12/28/2016	Organic	p-Terphenyl-d14	n/a	=	19.9	µg/L	EPA 625	-88	-88			
2016/17-3	MO-OJA	srgt environ, rec	12/28/2016	Organic	p-Terphenyl-d14	n/a	=	80	%	EPA 625	-88	-88	28	113	
2016/17-3	MO-OJA	srgt environ	1/10/2017	Organic	p-Terphenyl-d14	n/a	=	2.72	µg/L	EPA 8270C	-88	-88			
2016/17-3	MO-OJA	srgt environ, rec	1/10/2017	Organic	p-Terphenyl-d14	n/a	=	54	%	EPA 8270C	-88	-88	19	134	
2016/17-3	MO-OXN	srgt environ	12/30/2016	Organic	p-Terphenyl-d14	n/a	=	15	µg/L	EPA 625	-88	-88			
2016/17-3	MO-OXN	srgt environ, rec	12/30/2016	Organic	p-Terphenyl-d14	n/a	=	60	%	EPA 625	-88	-88	28	113	
2016/17-3	MO-OXN	srgt environ	1/10/2017	Organic	p-Terphenyl-d14	n/a	=	3.44	µg/L	EPA 8270C	-88	-88			
2016/17-3	MO-OXN	srgt environ, rec	1/10/2017	Organic	p-Terphenyl-d14	n/a	=	69	%	EPA 8270C	-88	-88	19	134	
2016/17-3	MO-SIM	srgt environ	12/28/2016	Organic	p-Terphenyl-d14	n/a	=	17.1	µg/L	EPA 625	-88	-88			
2016/17-3	MO-SIM	srgt environ, rec	12/28/2016	Organic	p-Terphenyl-d14	n/a	=	68	%	EPA 625	-88	-88	28	113	
2016/17-3	MO-SIM	srgt environ	1/10/2017	Organic	p-Terphenyl-d14	n/a	=	3.91	µg/L	EPA 8270C	-88	-88			
2016/17-3	MO-SIM	srgt environ, rec	1/10/2017	Organic	p-Terphenyl-d14	n/a	=	78	%	EPA 8270C	-88	-88	19	134	
2016/17-3	MO-SPA	srgt environ	12/28/2016	Organic	p-Terphenyl-d14	n/a	=	17.1	µg/L	EPA 625	-88	-88			
2016/17-3	MO-SPA	srgt environ, rec	12/28/2016	Organic	p-Terphenyl-d14	n/a	=	68	%	EPA 625	-88	-88	28	113	
2016/17-3	MO-SPA	srgt environ	1/10/2017	Organic	p-Terphenyl-d14	n/a	=	3.38	µg/L	EPA 8270C	-88	-88			
2016/17-3	MO-SPA	srgt environ, rec	1/10/2017	Organic	p-Terphenyl-d14	n/a	=	68	%	EPA 8270C	-88	-88	19	134	
2016/17-3	MO-THO	srgt environ	12/30/2016	Organic	p-Terphenyl-d14	n/a	=	16.4	µg/L	EPA 625	-88	-88			
2016/17-3	MO-THO	srgt environ, rec	12/30/2016	Organic	p-Terphenyl-d14	n/a	=	66	%	EPA 625	-88	-88	28	113	
2016/17-3	MO-THO	srgt environ	1/10/2017	Organic	p-Terphenyl-d14	n/a	=	3.45	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	
2016/17-3	MO-THO	srgt environ, rec	1/10/2017	Organic	p-Terphenyl-d14	n/a	=	69	%	EPA 8270C	-88	-88	19	134	
2016/17-3	MO-VEN	srgt environ	12/28/2016	Organic	p-Terphenyl-d14	n/a	=	19.2	µg/L	EPA 625	-88	-88			
2016/17-3	MO-VEN	srgt environ, rec	12/28/2016	Organic	p-Terphenyl-d14	n/a	=	77	%	EPA 625	-88	-88	28	113	
2016/17-3	MO-VEN	srgt environ	1/10/2017	Organic	p-Terphenyl-d14	n/a	=	3.96	µg/L	EPA 8270C	-88	-88			
2016/17-3	MO-VEN	srgt environ, rec	1/10/2017	Organic	p-Terphenyl-d14	n/a	=	79	%	EPA 8270C	-88	-88	19	134	
2016/17-3	Lab	method blank	12/28/2016	Organic	Pyrene	n/a	<	0.25	µg/L	EPA 625	0.25	1			
2016/17-3	Lab	LCS	12/28/2016	Organic	Pyrene	n/a	=	24.6	µg/L	EPA 625	0.25	1			
2016/17-3	Lab	LCS, rec	12/28/2016	Organic	Pyrene	n/a	=	98	%	EPA 625	-88	-88	52	115	
2016/17-3	Lab	LCS dup	12/28/2016	Organic	Pyrene	n/a	=	27.4	µg/L	EPA 625	0.25	1			
2016/17-3	Lab	LCS dup, rec	12/28/2016	Organic	Pyrene	n/a	=	110	%	EPA 625	-88	-88	52	115	
2016/17-3	Lab	LCS, RPD	12/28/2016	Organic	Pyrene	n/a	=	11	%	EPA 625	-88	-88	0	30	
2016/17-3	Lab	method blank	12/30/2016	Organic	Pyrene	n/a	<	0.25	µg/L	EPA 625	0.25	1			
2016/17-3	Lab	LCS	12/30/2016	Organic	Pyrene	n/a	=	22.3	µg/L	EPA 625	0.25	1			
2016/17-3	Lab	LCS, rec	12/30/2016	Organic	Pyrene	n/a	=	89	%	EPA 625	-88	-88	52	115	
2016/17-3	Lab	LCS dup	12/30/2016	Organic	Pyrene	n/a	=	24.9	µg/L	EPA 625	0.25	1			
2016/17-3	Lab	LCS dup, rec	12/30/2016	Organic	Pyrene	n/a	=	100	%	EPA 625	-88	-88	52	115	
2016/17-3	Lab	LCS, RPD	12/30/2016	Organic	Pyrene	n/a	=	11	%	EPA 625	-88	-88	0	30	
2016/17-3	Lab	method blank	1/9/2017	Organic	Pyrene	n/a	<	0.1	µg/L	EPA 8270C	0.1	0.1			
2016/17-3	Lab	LCS	1/9/2017	Organic	Pyrene	n/a	=	10.3	µg/L	EPA 8270C	0.1	0.1			
2016/17-3	Lab	LCS, rec	1/9/2017	Organic	Pyrene	n/a	=	103	%	EPA 8270C	-88	-88	26	128	
2016/17-3	Lab	LCS dup	1/9/2017	Organic	Pyrene	n/a	=	10.9	µg/L	EPA 8270C	0.1	0.1			
2016/17-3	Lab	LCS dup, rec	1/9/2017	Organic	Pyrene	n/a	=	109	%	EPA 8270C	-88	-88	26	128	
2016/17-3	Lab	LCS, RPD	1/9/2017	Organic	Pyrene	n/a	=	6	%	EPA 8270C	-88	-88	0	30	
2016/17-3	000NONPJ	srgt matrix spike	1/7/2017	Organic	Tetrachloro-m-xylene (TCMX)	n/a	=	0.0613	µg/L	EPA 608	-88	-88			
2016/17-3	000NONPJ	srgt matrix spike, rec	1/7/2017	Organic	Tetrachloro-m-xylene (TCMX)	n/a	=	61	%	EPA 608	-88	-88	12	117	
2016/17-3	000NONPJ	srgt matrix spike dup	1/7/2017	Organic	Tetrachloro-m-xylene (TCMX)	n/a	=	0.0529	µg/L	EPA 608	-88	-88			
2016/17-3	000NONPJ	srgt matrix spike dup, rec	1/7/2017	Organic	Tetrachloro-m-xylene (TCMX)	n/a	=	53	%	EPA 608	-88	-88	12	117	
2016/17-3	Lab	srgt method blank	1/5/2017	Organic	Tetrachloro-m-xylene (TCMX)	n/a	=	0.0727	µg/L	EPA 608	-88	-88			
2016/17-3	Lab	srgt method blank, rec	1/5/2017	Organic	Tetrachloro-m-xylene (TCMX)	n/a	=	73	%	EPA 608	-88	-88	12	117	
2016/17-3	Lab	srgt LCS	1/5/2017	Organic	Tetrachloro-m-xylene (TCMX)	n/a	=	0.0731	µg/L	EPA 608	-88	-88			
2016/17-3	Lab	srgt LCS, rec	1/5/2017	Organic	Tetrachloro-m-xylene (TCMX)	n/a	=	73	%	EPA 608	-88	-88	12	117	
2016/17-3	Lab	srgt LCS dup	1/5/2017	Organic	Tetrachloro-m-xylene (TCMX)	n/a	=	0.0853	µg/L	EPA 608	-88	-88			
2016/17-3	Lab	srgt LCS dup, rec	1/5/2017	Organic	Tetrachloro-m-xylene (TCMX)	n/a	=	85	%	EPA 608	-88	-88	12	117	
2016/17-3	Lab	srgt LCS	1/6/2017	Organic	Tetrachloro-m-xylene (TCMX)	n/a	=	0.468	µg/L	EPA 608	-88	-88			
2016/17-3	Lab	srgt LCS, rec	1/6/2017	Organic	Tetrachloro-m-xylene (TCMX)	n/a	=	94	%	EPA 608	-88	-88	12	117	
2016/17-3	Lab	srgt LCS dup	1/6/2017	Organic	Tetrachloro-m-xylene (TCMX)	n/a	=	0.47	µg/L	EPA 608	-88	-88			
2016/17-3	Lab	srgt LCS dup, rec	1/6/2017	Organic	Tetrachloro-m-xylene (TCMX)	n/a	=	94	%	EPA 608	-88	-88	12	117	
2016/17-3	Lab	srgt method blank	1/6/2017	Organic	Tetrachloro-m-xylene (TCMX)	n/a	=	0.0641	µg/L	EPA 608	-88	-88			
2016/17-3	Lab	srgt method blank, rec	1/6/2017	Organic	Tetrachloro-m-xylene (TCMX)	n/a	=	64	%	EPA 608	-88	-88	12	117	
2016/17-3	Lab	srgt LCS	1/6/2017	Organic	Tetrachloro-m-xylene (TCMX)	n/a	=	0.087	µg/L	EPA 608	-88	-88			
2016/17-3	Lab	srgt LCS, rec	1/6/2017	Organic	Tetrachloro-m-xylene (TCMX)	n/a	=	87	%	EPA 608	-88	-88	12	117	
2016/17-3	Lab	srgt LCS dup	1/6/2017	Organic	Tetrachloro-m-xylene (TCMX)	n/a	=	0.0841	µg/L	EPA 608	-88	-88			
2016/17-3	Lab	srgt LCS dup, rec	1/6/2017	Organic	Tetrachloro-m-xylene (TCMX)	n/a	=	84	%	EPA 608	-88	-88	12	117	
2016/17-3	ME-CC	srgt environ	1/7/2017	Organic	Tetrachloro-m-xylene (TCMX)	n/a	=	0.0513	µg/L	EPA 608	-88	-88			
2016/17-3	ME-CC	srgt environ, rec	1/7/2017	Organic	Tetrachloro-m-xylene (TCMX)	n/a	=	51	%	EPA 608	-88	-88	12	117	
2016/17-3	ME-VR2	srgt environ	1/7/2017	Organic	Tetrachloro-m-xylene (TCMX)	n/a	=	0.067	µg/L	EPA 608	-88	-88			
2016/17-3	ME-VR2	srgt environ, rec	1/7/2017	Organic	Tetrachloro-m-xylene (TCMX)	n/a	=	67	%	EPA 608	-88	-88	12	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	
2016/17-3	MO-CAM	srgt environ	1/6/2017	Organic	Tetrachloro-m-xylene (TCMX)	n/a	=	0.0591	µg/L	EPA 608	-88	-88			
2016/17-3	MO-CAM	srgt environ, rec	1/6/2017	Organic	Tetrachloro-m-xylene (TCMX)	n/a	=	59	%	EPA 608	-88	-88	12	117	
2016/17-3	MO-FIL	srgt environ	1/7/2017	Organic	Tetrachloro-m-xylene (TCMX)	n/a	=	0.0717	µg/L	EPA 608	-88	-88			
2016/17-3	MO-FIL	srgt environ, rec	1/7/2017	Organic	Tetrachloro-m-xylene (TCMX)	n/a	=	72	%	EPA 608	-88	-88	12	117	
2016/17-3	MO-HUE	srgt environ	1/7/2017	Organic	Tetrachloro-m-xylene (TCMX)	n/a	=	0.0677	µg/L	EPA 608	-88	-88			
2016/17-3	MO-HUE	srgt environ, rec	1/7/2017	Organic	Tetrachloro-m-xylene (TCMX)	n/a	=	68	%	EPA 608	-88	-88	12	117	
2016/17-3	MO-MEI	srgt environ	1/7/2017	Organic	Tetrachloro-m-xylene (TCMX)	n/a	=	0.0627	µg/L	EPA 608	-88	-88			
2016/17-3	MO-MEI	srgt environ, rec	1/7/2017	Organic	Tetrachloro-m-xylene (TCMX)	n/a	=	63	%	EPA 608	-88	-88	12	117	
2016/17-3	MO-MPK	srgt environ	1/7/2017	Organic	Tetrachloro-m-xylene (TCMX)	n/a	=	0.0699	µg/L	EPA 608	-88	-88			
2016/17-3	MO-MPK	srgt environ, rec	1/7/2017	Organic	Tetrachloro-m-xylene (TCMX)	n/a	=	70	%	EPA 608	-88	-88	12	117	
2016/17-3	MO-OJA	srgt environ	1/7/2017	Organic	Tetrachloro-m-xylene (TCMX)	n/a	=	0.0524	µg/L	EPA 608	-88	-88			
2016/17-3	MO-OJA	srgt environ, rec	1/7/2017	Organic	Tetrachloro-m-xylene (TCMX)	n/a	=	52	%	EPA 608	-88	-88	12	117	
2016/17-3	MO-OXN	srgt environ	1/7/2017	Organic	Tetrachloro-m-xylene (TCMX)	n/a	=	0.0725	µg/L	EPA 608	-88	-88			
2016/17-3	MO-OXN	srgt environ, rec	1/7/2017	Organic	Tetrachloro-m-xylene (TCMX)	n/a	=	72	%	EPA 608	-88	-88	12	117	
2016/17-3	MO-SIM	srgt environ	1/7/2017	Organic	Tetrachloro-m-xylene (TCMX)	n/a	=	0.0614	µg/L	EPA 608	-88	-88			
2016/17-3	MO-SIM	srgt environ, rec	1/7/2017	Organic	Tetrachloro-m-xylene (TCMX)	n/a	=	61	%	EPA 608	-88	-88	12	117	
2016/17-3	MO-SPA	srgt environ	1/7/2017	Organic	Tetrachloro-m-xylene (TCMX)	n/a	=	0.0665	µg/L	EPA 608	-88	-88			
2016/17-3	MO-SPA	srgt environ, rec	1/7/2017	Organic	Tetrachloro-m-xylene (TCMX)	n/a	=	67	%	EPA 608	-88	-88	12	117	
2016/17-3	MO-THO	srgt environ	1/7/2017	Organic	Tetrachloro-m-xylene (TCMX)	n/a	=	0.0674	µg/L	EPA 608	-88	-88			
2016/17-3	MO-THO	srgt environ, rec	1/7/2017	Organic	Tetrachloro-m-xylene (TCMX)	n/a	=	67	%	EPA 608	-88	-88	12	117	
2016/17-3	MO-VEN	srgt environ	1/6/2017	Organic	Tetrachloro-m-xylene (TCMX)	n/a	=	0.0694	µg/L	EPA 608	-88	-88			
2016/17-3	MO-VEN	srgt environ, rec	1/6/2017	Organic	Tetrachloro-m-xylene (TCMX)	n/a	=	69	%	EPA 608	-88	-88	12	117	
2016/17-3	000NONPJ	srgt matrix spike	12/21/2016	Organic	Toluene-d8	n/a	=	51.7	µg/L	EPA 624	-88	-88			
2016/17-3	000NONPJ	srgt matrix spike, rec	12/21/2016	Organic	Toluene-d8	n/a	=	103	%	EPA 624	-88	-88	92	112	
2016/17-3	000NONPJ	srgt matrix spike dup	12/21/2016	Organic	Toluene-d8	n/a	=	51.3	µg/L	EPA 624	-88	-88			
2016/17-3	000NONPJ	srgt matrix spike dup, rec	12/21/2016	Organic	Toluene-d8	n/a	=	103	%	EPA 624	-88	-88	92	112	
2016/17-3	Lab	srgt LCS	12/20/2016	Organic	Toluene-d8	n/a	=	50.7	µg/L	EPA 624	-88	-88			
2016/17-3	Lab	srgt LCS, rec	12/20/2016	Organic	Toluene-d8	n/a	=	101	%	EPA 624	-88	-88	92	112	
2016/17-3	Lab	srgt method blank	12/20/2016	Organic	Toluene-d8	n/a	=	51.6	µg/L	EPA 624	-88	-88			
2016/17-3	Lab	srgt method blank, rec	12/20/2016	Organic	Toluene-d8	n/a	=	103	%	EPA 624	-88	-88	92	112	
2016/17-3	ME-CC	srgt environ	12/20/2016	Organic	Toluene-d8	n/a	=	51	µg/L	EPA 624	-88	-88			
2016/17-3	ME-CC	srgt environ, rec	12/20/2016	Organic	Toluene-d8	n/a	=	102	%	EPA 624	-88	-88	92	112	
2016/17-3	ME-VR2	srgt environ	12/20/2016	Organic	Toluene-d8	n/a	=	52.5	µg/L	EPA 624	-88	-88			
2016/17-3	ME-VR2	srgt environ, rec	12/20/2016	Organic	Toluene-d8	n/a	=	105	%	EPA 624	-88	-88	92	112	
2016/17-3	MO-CAM	srgt environ	12/20/2016	Organic	Toluene-d8	n/a	=	52	µg/L	EPA 624	-88	-88			
2016/17-3	MO-CAM	srgt environ, rec	12/20/2016	Organic	Toluene-d8	n/a	=	104	%	EPA 624	-88	-88	92	112	
2016/17-3	MO-CAM	srgt environ	12/20/2016	Organic	Toluene-d8	n/a	=	52	µg/L	EPA 624	-88	-88			
2016/17-3	MO-CAM	srgt environ, rec	12/20/2016	Organic	Toluene-d8	n/a	=	104	%	EPA 624	-88	-88	92	112	
2016/17-3	MO-FIL	srgt environ	12/20/2016	Organic	Toluene-d8	n/a	=	51.7	µg/L	EPA 624	-88	-88			
2016/17-3	MO-FIL	srgt environ, rec	12/20/2016	Organic	Toluene-d8	n/a	=	103	%	EPA 624	-88	-88	92	112	
2016/17-3	MO-HUE	srgt environ	12/20/2016	Organic	Toluene-d8	n/a	=	51.8	µg/L	EPA 624	-88	-88			
2016/17-3	MO-HUE	srgt environ, rec	12/20/2016	Organic	Toluene-d8	n/a	=	104	%	EPA 624	-88	-88	92	112	
2016/17-3	MO-MEI	srgt environ	12/20/2016	Organic	Toluene-d8	n/a	=	52	µg/L	EPA 624	-88	-88			
2016/17-3	MO-MEI	srgt environ, rec	12/20/2016	Organic	Toluene-d8	n/a	=	104	%	EPA 624	-88	-88	92	112	
2016/17-3	MO-MPK	srgt environ	12/20/2016	Organic	Toluene-d8	n/a	=	52.2	µg/L	EPA 624	-88	-88			
2016/17-3	MO-MPK	srgt environ, rec	12/20/2016	Organic	Toluene-d8	n/a	=	104	%	EPA 624	-88	-88	92	112	
2016/17-3	MO-OJA	srgt environ	12/20/2016	Organic	Toluene-d8	n/a	=	52	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	
2016/17-3	MO-OJA	srgt environ, rec	12/20/2016	Organic	Toluene-d8	n/a	=	104	%	EPA 624	-88	-88	92	112	
2016/17-3	MO-OXN	srgt environ	12/20/2016	Organic	Toluene-d8	n/a	=	51.5	µg/L	EPA 624	-88	-88			
2016/17-3	MO-OXN	srgt environ, rec	12/20/2016	Organic	Toluene-d8	n/a	=	103	%	EPA 624	-88	-88	92	112	
2016/17-3	MO-SIM	srgt environ	12/20/2016	Organic	Toluene-d8	n/a	=	51.8	µg/L	EPA 624	-88	-88			
2016/17-3	MO-SIM	srgt environ, rec	12/20/2016	Organic	Toluene-d8	n/a	=	104	%	EPA 624	-88	-88	92	112	
2016/17-3	MO-SPA	srgt environ	12/20/2016	Organic	Toluene-d8	n/a	=	51.7	µg/L	EPA 624	-88	-88			
2016/17-3	MO-SPA	srgt environ, rec	12/20/2016	Organic	Toluene-d8	n/a	=	103	%	EPA 624	-88	-88	92	112	
2016/17-3	MO-THO	srgt environ	12/20/2016	Organic	Toluene-d8	n/a	=	51.6	µg/L	EPA 624	-88	-88			
2016/17-3	MO-THO	srgt environ, rec	12/20/2016	Organic	Toluene-d8	n/a	=	103	%	EPA 624	-88	-88	92	112	
2016/17-3	MO-VEN	srgt environ	12/20/2016	Organic	Toluene-d8	n/a	=	51.1	µg/L	EPA 624	-88	-88			
2016/17-3	MO-VEN	srgt environ, rec	12/20/2016	Organic	Toluene-d8	n/a	=	102	%	EPA 624	-88	-88	92	112	
2016/17-3	000NONPJ	srgt matrix spike	12/22/2016	Organic	Triphenylphosphate	n/a	=	0.451	µg/L	EPA 525.2m	-88	-88			
2016/17-3	000NONPJ	srgt matrix spike, rec	12/22/2016	Organic	Triphenylphosphate	n/a	=	90	%	EPA 525.2m	-88	-88	40	163	
2016/17-3	000NONPJ	srgt matrix spike dup	12/22/2016	Organic	Triphenylphosphate	n/a	=	0.465	µg/L	EPA 525.2m	-88	-88			
2016/17-3	000NONPJ	srgt matrix spike dup, rec	12/22/2016	Organic	Triphenylphosphate	n/a	=	93	%	EPA 525.2m	-88	-88	40	163	
2016/17-3	000NONPJ	srgt matrix spike	12/30/2016	Organic	Triphenylphosphate	n/a	=	0.467	µg/L	EPA 525.2m	-88	-88			
2016/17-3	000NONPJ	srgt matrix spike, rec	12/30/2016	Organic	Triphenylphosphate	n/a	=	93	%	EPA 525.2m	-88	-88	40	163	
2016/17-3	000NONPJ	srgt matrix spike dup	12/30/2016	Organic	Triphenylphosphate	n/a	=	0.499	µg/L	EPA 525.2m	-88	-88			
2016/17-3	000NONPJ	srgt matrix spike dup, rec	12/30/2016	Organic	Triphenylphosphate	n/a	=	100	%	EPA 525.2m	-88	-88	40	163	
2016/17-3	Lab	srgt method blank	12/22/2016	Organic	Triphenylphosphate	n/a	=	0.451	µg/L	EPA 525.2m	-88	-88			
2016/17-3	Lab	srgt method blank, rec	12/22/2016	Organic	Triphenylphosphate	n/a	=	90	%	EPA 525.2m	-88	-88	40	163	
2016/17-3	Lab	srgt LCS	12/22/2016	Organic	Triphenylphosphate	n/a	=	0.41	µg/L	EPA 525.2m	-88	-88			
2016/17-3	Lab	srgt LCS, rec	12/22/2016	Organic	Triphenylphosphate	n/a	=	82	%	EPA 525.2m	-88	-88	40	163	
2016/17-3	Lab	srgt method blank	12/27/2016	Organic	Triphenylphosphate	n/a	=	5.64	µg/L	EPA 525.2	-88	-88			
2016/17-3	Lab	srgt method blank, rec	12/27/2016	Organic	Triphenylphosphate	n/a	=	113	%	EPA 525.2	-88	-88	70	149	
2016/17-3	Lab	srgt LCS	12/27/2016	Organic	Triphenylphosphate	n/a	=	6.1	µg/L	EPA 525.2	-88	-88			
2016/17-3	Lab	srgt LCS, rec	12/27/2016	Organic	Triphenylphosphate	n/a	=	122	%	EPA 525.2	-88	-88	70	149	
2016/17-3	Lab	srgt LCS dup	12/27/2016	Organic	Triphenylphosphate	n/a	=	6.13	µg/L	EPA 525.2	-88	-88			
2016/17-3	Lab	srgt LCS dup, rec	12/27/2016	Organic	Triphenylphosphate	n/a	=	123	%	EPA 525.2	-88	-88	70	149	
2016/17-3	Lab	srgt method blank	12/28/2016	Organic	Triphenylphosphate	n/a	=	5.59	µg/L	EPA 525.2	-88	-88			
2016/17-3	Lab	srgt method blank, rec	12/28/2016	Organic	Triphenylphosphate	n/a	=	112	%	EPA 525.2	-88	-88	70	149	
2016/17-3	Lab	srgt LCS	12/28/2016	Organic	Triphenylphosphate	n/a	=	6.72	µg/L	EPA 525.2	-88	-88			
2016/17-3	Lab	srgt LCS, rec	12/28/2016	Organic	Triphenylphosphate	n/a	=	134	%	EPA 525.2	-88	-88	70	149	
2016/17-3	Lab	srgt LCS dup	12/28/2016	Organic	Triphenylphosphate	n/a	=	5.28	µg/L	EPA 525.2	-88	-88			
2016/17-3	Lab	srgt LCS dup, rec	12/28/2016	Organic	Triphenylphosphate	n/a	=	106	%	EPA 525.2	-88	-88	70	149	
2016/17-3	Lab	srgt method blank	12/30/2016	Organic	Triphenylphosphate	n/a	=	0.408	µg/L	EPA 525.2m	-88	-88			
2016/17-3	Lab	srgt method blank, rec	12/30/2016	Organic	Triphenylphosphate	n/a	=	82	%	EPA 525.2m	-88	-88	40	163	
2016/17-3	Lab	srgt LCS	12/30/2016	Organic	Triphenylphosphate	n/a	=	0.432	µg/L	EPA 525.2m	-88	-88			
2016/17-3	Lab	srgt LCS, rec	12/30/2016	Organic	Triphenylphosphate	n/a	=	86	%	EPA 525.2m	-88	-88	40	163	
2016/17-3	ME-CC	srgt environ	12/27/2016	Organic	Triphenylphosphate	n/a	=	7.38	µg/L	EPA 525.2	-88	-88			
2016/17-3	ME-CC	srgt environ, rec	12/27/2016	Organic	Triphenylphosphate	n/a	=	148	%	EPA 525.2	-88	-88	70	149	
2016/17-3	ME-CC	srgt environ	12/30/2016	Organic	Triphenylphosphate	n/a	=	1.03	µg/L	EPA 525.2m	-88	-88			EST,GN
2016/17-3	ME-CC	srgt environ, rec	12/30/2016	Organic	Triphenylphosphate	n/a	=	207	%	EPA 525.2m	-88	-88	40	163	EST,GN
2016/17-3	ME-VR2	srgt environ	12/27/2016	Organic	Triphenylphosphate	n/a	=	6.75	µg/L	EPA 525.2	-88	-88			
2016/17-3	ME-VR2	srgt environ, rec	12/27/2016	Organic	Triphenylphosphate	n/a	=	135	%	EPA 525.2	-88	-88	70	149	
2016/17-3	ME-VR2	srgt environ	12/30/2016	Organic	Triphenylphosphate	n/a	=	0.504	µg/L	EPA 525.2m	-88	-88			
2016/17-3	ME-VR2	srgt environ, rec	12/30/2016	Organic	Triphenylphosphate	n/a	=	101	%	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	
2016/17-3	MO-CAM	srgt environ	12/22/2016	Organic	Triphenylphosphate	n/a	=	0.416	µg/L	EPA 525.2m	-88	-88			
2016/17-3	MO-CAM	srgt environ, rec	12/22/2016	Organic	Triphenylphosphate	n/a	=	83	%	EPA 525.2m	-88	-88	40	163	
2016/17-3	MO-CAM	srgt environ	12/27/2016	Organic	Triphenylphosphate	n/a	=	7.15	µg/L	EPA 525.2	-88	-88			
2016/17-3	MO-CAM	srgt environ, rec	12/27/2016	Organic	Triphenylphosphate	n/a	=	143	%	EPA 525.2	-88	-88	70	149	
2016/17-3	MO-FIL	srgt environ	12/22/2016	Organic	Triphenylphosphate	n/a	=	0.517	µg/L	EPA 525.2m	-88	-88			
2016/17-3	MO-FIL	srgt environ, rec	12/22/2016	Organic	Triphenylphosphate	n/a	=	103	%	EPA 525.2m	-88	-88	40	163	
2016/17-3	MO-FIL	srgt environ	12/27/2016	Organic	Triphenylphosphate	n/a	=	6.67	µg/L	EPA 525.2	-88	-88			
2016/17-3	MO-FIL	srgt environ, rec	12/27/2016	Organic	Triphenylphosphate	n/a	=	133	%	EPA 525.2	-88	-88	70	149	
2016/17-3	MO-HUE	srgt environ	12/22/2016	Organic	Triphenylphosphate	n/a	=	0.498	µg/L	EPA 525.2m	-88	-88			
2016/17-3	MO-HUE	srgt environ, rec	12/22/2016	Organic	Triphenylphosphate	n/a	=	100	%	EPA 525.2m	-88	-88	40	163	
2016/17-3	MO-HUE	srgt environ	12/27/2016	Organic	Triphenylphosphate	n/a	=	6.89	µg/L	EPA 525.2	-88	-88			
2016/17-3	MO-HUE	srgt environ, rec	12/27/2016	Organic	Triphenylphosphate	n/a	=	138	%	EPA 525.2	-88	-88	70	149	
2016/17-3	MO-MEI	srgt environ	12/22/2016	Organic	Triphenylphosphate	n/a	=	0.582	µg/L	EPA 525.2m	-88	-88			
2016/17-3	MO-MEI	srgt environ, rec	12/22/2016	Organic	Triphenylphosphate	n/a	=	116	%	EPA 525.2m	-88	-88	40	163	
2016/17-3	MO-MEI	srgt environ	12/27/2016	Organic	Triphenylphosphate	n/a	=	6.22	µg/L	EPA 525.2	-88	-88			
2016/17-3	MO-MEI	srgt environ, rec	12/27/2016	Organic	Triphenylphosphate	n/a	=	124	%	EPA 525.2	-88	-88	70	149	
2016/17-3	MO-MPK	srgt environ	12/22/2016	Organic	Triphenylphosphate	n/a	=	0.456	µg/L	EPA 525.2m	-88	-88			
2016/17-3	MO-MPK	srgt environ, rec	12/22/2016	Organic	Triphenylphosphate	n/a	=	91	%	EPA 525.2m	-88	-88	40	163	
2016/17-3	MO-MPK	srgt environ	12/27/2016	Organic	Triphenylphosphate	n/a	=	6.71	µg/L	EPA 525.2	-88	-88			
2016/17-3	MO-MPK	srgt environ, rec	12/27/2016	Organic	Triphenylphosphate	n/a	=	134	%	EPA 525.2	-88	-88	70	149	
2016/17-3	MO-OJA	srgt environ	12/22/2016	Organic	Triphenylphosphate	n/a	=	0.624	µg/L	EPA 525.2m	-88	-88			
2016/17-3	MO-OJA	srgt environ, rec	12/22/2016	Organic	Triphenylphosphate	n/a	=	125	%	EPA 525.2m	-88	-88	40	163	
2016/17-3	MO-OJA	srgt environ	12/27/2016	Organic	Triphenylphosphate	n/a	=	7.16	µg/L	EPA 525.2	-88	-88			
2016/17-3	MO-OJA	srgt environ, rec	12/27/2016	Organic	Triphenylphosphate	n/a	=	143	%	EPA 525.2	-88	-88	70	149	
2016/17-3	MO-OXN	srgt environ	12/22/2016	Organic	Triphenylphosphate	n/a	=	0.445	µg/L	EPA 525.2m	-88	-88			
2016/17-3	MO-OXN	srgt environ, rec	12/22/2016	Organic	Triphenylphosphate	n/a	=	89	%	EPA 525.2m	-88	-88	40	163	
2016/17-3	MO-OXN	srgt environ	12/28/2016	Organic	Triphenylphosphate	n/a	=	4.26	µg/L	EPA 525.2	-88	-88			
2016/17-3	MO-OXN	srgt environ, rec	12/28/2016	Organic	Triphenylphosphate	n/a	=	85	%	EPA 525.2	-88	-88	70	149	
2016/17-3	MO-SIM	srgt environ	12/22/2016	Organic	Triphenylphosphate	n/a	=	0.491	µg/L	EPA 525.2m	-88	-88			
2016/17-3	MO-SIM	srgt environ, rec	12/22/2016	Organic	Triphenylphosphate	n/a	=	98	%	EPA 525.2m	-88	-88	40	163	
2016/17-3	MO-SIM	srgt environ	12/27/2016	Organic	Triphenylphosphate	n/a	=	6.07	µg/L	EPA 525.2	-88	-88			
2016/17-3	MO-SIM	srgt environ, rec	12/27/2016	Organic	Triphenylphosphate	n/a	=	121	%	EPA 525.2	-88	-88	70	149	
2016/17-3	MO-SPA	srgt environ	12/22/2016	Organic	Triphenylphosphate	n/a	=	0.453	µg/L	EPA 525.2m	-88	-88			
2016/17-3	MO-SPA	srgt environ, rec	12/22/2016	Organic	Triphenylphosphate	n/a	=	91	%	EPA 525.2m	-88	-88	40	163	
2016/17-3	MO-SPA	srgt environ	12/28/2016	Organic	Triphenylphosphate	n/a	=	3.06	µg/L	EPA 525.2	-88	-88			GN
2016/17-3	MO-SPA	srgt environ, rec	12/28/2016	Organic	Triphenylphosphate	n/a	=	61	%	EPA 525.2	-88	-88	70	149	GN
2016/17-3	MO-THO	srgt environ	12/22/2016	Organic	Triphenylphosphate	n/a	=	0.503	µg/L	EPA 525.2m	-88	-88			
2016/17-3	MO-THO	srgt environ, rec	12/22/2016	Organic	Triphenylphosphate	n/a	=	101	%	EPA 525.2m	-88	-88	40	163	
2016/17-3	MO-THO	srgt environ	12/27/2016	Organic	Triphenylphosphate	n/a	=	6.03	µg/L	EPA 525.2	-88	-88			
2016/17-3	MO-THO	srgt environ, rec	12/27/2016	Organic	Triphenylphosphate	n/a	=	121	%	EPA 525.2	-88	-88	70	149	
2016/17-3	MO-VEN	srgt environ	12/22/2016	Organic	Triphenylphosphate	n/a	=	0.485	µg/L	EPA 525.2m	-88	-88			
2016/17-3	MO-VEN	srgt environ, rec	12/22/2016	Organic	Triphenylphosphate	n/a	=	97	%	EPA 525.2m	-88	-88	40	163	
2016/17-3	MO-VEN	srgt environ	12/27/2016	Organic	Triphenylphosphate	n/a	=	7.57	µg/L	EPA 525.2	-88	-88			GN
2016/17-3	MO-VEN	srgt environ, rec	12/27/2016	Organic	Triphenylphosphate	n/a	=	151	%	EPA 525.2	-88	-88	70	149	GN
2016/17-3	000NONPJ	srgt matrix spike	1/7/2017	PCB	PCB 209	n/a	=	0.0509	µg/L	EPA 608	-88	-88			
2016/17-3	000NONPJ	srgt matrix spike, rec	1/7/2017	PCB	PCB 209	n/a	=	51	%	EPA 608	-88	-88	0.1	118	
2016/17-3	000NONPJ	srgt matrix spike dup	1/7/2017	PCB	PCB 209	n/a	=	0.0491	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	
2016/17-3	000NONPJ	srgt matrix spike dup, rec	1/7/2017	PCB	PCB 209	n/a	=	49	%	EPA 608	-88	-88	0.1	118	
2016/17-3	Lab	srgt method blank	1/5/2017	PCB	PCB 209	n/a	=	0.0692	µg/L	EPA 608	-88	-88			
2016/17-3	Lab	srgt method blank, rec	1/5/2017	PCB	PCB 209	n/a	=	69	%	EPA 608	-88	-88	0.1	118	
2016/17-3	Lab	srgt LCS	1/5/2017	PCB	PCB 209	n/a	=	0.0755	µg/L	EPA 608	-88	-88			
2016/17-3	Lab	srgt LCS, rec	1/5/2017	PCB	PCB 209	n/a	=	75	%	EPA 608	-88	-88	0.1	118	
2016/17-3	Lab	srgt LCS dup	1/5/2017	PCB	PCB 209	n/a	=	0.0811	µg/L	EPA 608	-88	-88			
2016/17-3	Lab	srgt LCS dup, rec	1/5/2017	PCB	PCB 209	n/a	=	81	%	EPA 608	-88	-88	0.1	118	
2016/17-3	Lab	srgt LCS	1/6/2017	PCB	PCB 209	n/a	=	0.447	µg/L	EPA 608	-88	-88			
2016/17-3	Lab	srgt LCS, rec	1/6/2017	PCB	PCB 209	n/a	=	89	%	EPA 608	-88	-88	0.1	118	
2016/17-3	Lab	srgt LCS dup	1/6/2017	PCB	PCB 209	n/a	=	0.457	µg/L	EPA 608	-88	-88			
2016/17-3	Lab	srgt LCS dup, rec	1/6/2017	PCB	PCB 209	n/a	=	91	%	EPA 608	-88	-88	0.1	118	
2016/17-3	Lab	srgt method blank	1/6/2017	PCB	PCB 209	n/a	=	0.0652	µg/L	EPA 608	-88	-88			
2016/17-3	Lab	srgt method blank, rec	1/6/2017	PCB	PCB 209	n/a	=	65	%	EPA 608	-88	-88	0.1	118	
2016/17-3	Lab	srgt LCS	1/6/2017	PCB	PCB 209	n/a	=	0.0862	µg/L	EPA 608	-88	-88			
2016/17-3	Lab	srgt LCS, rec	1/6/2017	PCB	PCB 209	n/a	=	86	%	EPA 608	-88	-88	0.1	118	
2016/17-3	Lab	srgt LCS dup	1/6/2017	PCB	PCB 209	n/a	=	0.0885	µg/L	EPA 608	-88	-88			
2016/17-3	Lab	srgt LCS dup, rec	1/6/2017	PCB	PCB 209	n/a	=	88	%	EPA 608	-88	-88	0.1	118	
2016/17-3	ME-CC	srgt environ	1/7/2017	PCB	PCB 209	n/a	=	0.069	µg/L	EPA 608	-88	-88			
2016/17-3	ME-CC	srgt environ, rec	1/7/2017	PCB	PCB 209	n/a	=	69	%	EPA 608	-88	-88	0.1	118	
2016/17-3	ME-VR2	srgt environ	1/7/2017	PCB	PCB 209	n/a	=	0.0625	µg/L	EPA 608	-88	-88			
2016/17-3	ME-VR2	srgt environ, rec	1/7/2017	PCB	PCB 209	n/a	=	63	%	EPA 608	-88	-88	0.1	118	
2016/17-3	MO-CAM	srgt environ	1/6/2017	PCB	PCB 209	n/a	=	0.0549	µg/L	EPA 608	-88	-88			
2016/17-3	MO-CAM	srgt environ, rec	1/6/2017	PCB	PCB 209	n/a	=	55	%	EPA 608	-88	-88	0.1	118	
2016/17-3	MO-FIL	srgt environ	1/7/2017	PCB	PCB 209	n/a	=	0.0698	µg/L	EPA 608	-88	-88			
2016/17-3	MO-FIL	srgt environ, rec	1/7/2017	PCB	PCB 209	n/a	=	70	%	EPA 608	-88	-88	0.1	118	
2016/17-3	MO-HUE	srgt environ	1/7/2017	PCB	PCB 209	n/a	=	0.073	µg/L	EPA 608	-88	-88			
2016/17-3	MO-HUE	srgt environ, rec	1/7/2017	PCB	PCB 209	n/a	=	73	%	EPA 608	-88	-88	0.1	118	
2016/17-3	MO-MEI	srgt environ	1/7/2017	PCB	PCB 209	n/a	=	0.0553	µg/L	EPA 608	-88	-88			
2016/17-3	MO-MEI	srgt environ, rec	1/7/2017	PCB	PCB 209	n/a	=	55	%	EPA 608	-88	-88	0.1	118	
2016/17-3	MO-MPK	srgt environ	1/7/2017	PCB	PCB 209	n/a	=	0.0672	µg/L	EPA 608	-88	-88			
2016/17-3	MO-MPK	srgt environ, rec	1/7/2017	PCB	PCB 209	n/a	=	67	%	EPA 608	-88	-88	0.1	118	
2016/17-3	MO-OJA	srgt environ	1/7/2017	PCB	PCB 209	n/a	=	0.0536	µg/L	EPA 608	-88	-88			
2016/17-3	MO-OJA	srgt environ, rec	1/7/2017	PCB	PCB 209	n/a	=	54	%	EPA 608	-88	-88	0.1	118	
2016/17-3	MO-OXN	srgt environ	1/7/2017	PCB	PCB 209	n/a	=	0.0621	µg/L	EPA 608	-88	-88			
2016/17-3	MO-OXN	srgt environ, rec	1/7/2017	PCB	PCB 209	n/a	=	62	%	EPA 608	-88	-88	0.1	118	
2016/17-3	MO-SIM	srgt environ	1/7/2017	PCB	PCB 209	n/a	=	0.0656	µg/L	EPA 608	-88	-88			
2016/17-3	MO-SIM	srgt environ, rec	1/7/2017	PCB	PCB 209	n/a	=	66	%	EPA 608	-88	-88	0.1	118	
2016/17-3	MO-SPA	srgt environ	1/7/2017	PCB	PCB 209	n/a	=	0.0546	µg/L	EPA 608	-88	-88			
2016/17-3	MO-SPA	srgt environ, rec	1/7/2017	PCB	PCB 209	n/a	=	55	%	EPA 608	-88	-88	0.1	118	
2016/17-3	MO-THO	srgt environ	1/7/2017	PCB	PCB 209	n/a	=	0.0694	µg/L	EPA 608	-88	-88			
2016/17-3	MO-THO	srgt environ, rec	1/7/2017	PCB	PCB 209	n/a	=	69	%	EPA 608	-88	-88	0.1	118	
2016/17-3	MO-VEN	srgt environ	1/6/2017	PCB	PCB 209	n/a	=	0.0657	µg/L	EPA 608	-88	-88			
2016/17-3	MO-VEN	srgt environ, rec	1/6/2017	PCB	PCB 209	n/a	=	66	%	EPA 608	-88	-88	0.1	118	
2016/17-3	Lab	method blank	1/5/2017	PCB	PCB Aroclor 1016	n/a	<	0.05	µg/L	EPA 608	0.05	0.5			
2016/17-3	Lab	method blank	1/6/2017	PCB	PCB Aroclor 1016	n/a	<	0.05	µg/L	EPA 608	0.05	0.5			
2016/17-3	Lab	method blank	1/5/2017	PCB	PCB Aroclor 1221	n/a	<	0.06	µg/L	EPA 608	0.06	0.5			
2016/17-3	Lab	method blank	1/6/2017	PCB	PCB Aroclor 1221	n/a	<	0.06	µg/L	EPA 608	0.06	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	
2016/17-3	Lab	method blank	1/5/2017	PCB	PCB Aroclor 1232	n/a	<	0.15	µg/L	EPA 608	0.15	0.5			
2016/17-3	Lab	method blank	1/6/2017	PCB	PCB Aroclor 1232	n/a	<	0.15	µg/L	EPA 608	0.15	0.5			
2016/17-3	Lab	method blank	1/5/2017	PCB	PCB Aroclor 1242	n/a	<	0.07	µg/L	EPA 608	0.07	0.5			
2016/17-3	Lab	method blank	1/6/2017	PCB	PCB Aroclor 1242	n/a	<	0.07	µg/L	EPA 608	0.07	0.5			
2016/17-3	Lab	method blank	1/5/2017	PCB	PCB Aroclor 1248	n/a	<	0.06	µg/L	EPA 608	0.06	0.5			
2016/17-3	Lab	method blank	1/6/2017	PCB	PCB Aroclor 1248	n/a	<	0.06	µg/L	EPA 608	0.06	0.5			
2016/17-3	Lab	method blank	1/5/2017	PCB	PCB Aroclor 1254	n/a	<	0.04	µg/L	EPA 608	0.04	0.5			
2016/17-3	Lab	method blank	1/6/2017	PCB	PCB Aroclor 1254	n/a	<	0.04	µg/L	EPA 608	0.04	0.5			
2016/17-3	Lab	method blank	1/5/2017	PCB	PCB Aroclor 1260	n/a	<	0.04	µg/L	EPA 608	0.04	0.5			
2016/17-3	Lab	method blank	1/6/2017	PCB	PCB Aroclor 1260	n/a	<	0.04	µg/L	EPA 608	0.04	0.5			
2016/17-3	000NONPJ	matrix spike	12/30/2016	Pesticide	2,4,5-T	n/a	=	4.05	µg/L	EPA 515.3	0.07	0.2			
2016/17-3	000NONPJ	matrix spike, rec	12/30/2016	Pesticide	2,4,5-T	n/a	=	101	%	EPA 515.3	-88	-88	70	130	
2016/17-3	000NONPJ	matrix spike dup	12/30/2016	Pesticide	2,4,5-T	n/a	=	3.91	µg/L	EPA 515.3	0.07	0.2			
2016/17-3	000NONPJ	matrix spike dup, rec	12/30/2016	Pesticide	2,4,5-T	n/a	=	98	%	EPA 515.3	-88	-88	70	130	
2016/17-3	000NONPJ	matrix spike, RPD	12/30/2016	Pesticide	2,4,5-T	n/a	=	3	%	EPA 515.3	-88	-88	0	30	
2016/17-3	000NONPJ	matrix spike	12/30/2016	Pesticide	2,4,5-T	n/a	=	3.81	µg/L	EPA 515.3	0.07	0.2			
2016/17-3	000NONPJ	matrix spike, rec	12/30/2016	Pesticide	2,4,5-T	n/a	=	95	%	EPA 515.3	-88	-88	70	130	
2016/17-3	000NONPJ	matrix spike dup	12/30/2016	Pesticide	2,4,5-T	n/a	=	3.92	µg/L	EPA 515.3	0.07	0.2			
2016/17-3	000NONPJ	matrix spike dup, rec	12/30/2016	Pesticide	2,4,5-T	n/a	=	98	%	EPA 515.3	-88	-88	70	130	
2016/17-3	000NONPJ	matrix spike, RPD	12/30/2016	Pesticide	2,4,5-T	n/a	=	3	%	EPA 515.3	-88	-88	0	30	
2016/17-3	Lab	method blank	12/30/2016	Pesticide	2,4,5-T	n/a	<	0.07	µg/L	EPA 515.3	0.07	0.2			
2016/17-3	Lab	LCS	12/30/2016	Pesticide	2,4,5-T	n/a	=	4.02	µg/L	EPA 515.3	0.07	0.2			
2016/17-3	Lab	LCS, rec	12/30/2016	Pesticide	2,4,5-T	n/a	=	101	%	EPA 515.3	-88	-88	70	130	
2016/17-3	000NONPJ	matrix spike	12/30/2016	Pesticide	2,4,5-TP	n/a	=	4.33	µg/L	EPA 515.3	0.09	0.2			
2016/17-3	000NONPJ	matrix spike, rec	12/30/2016	Pesticide	2,4,5-TP	n/a	=	108	%	EPA 515.3	-88	-88	70	130	
2016/17-3	000NONPJ	matrix spike dup	12/30/2016	Pesticide	2,4,5-TP	n/a	=	4.07	µg/L	EPA 515.3	0.09	0.2			
2016/17-3	000NONPJ	matrix spike dup, rec	12/30/2016	Pesticide	2,4,5-TP	n/a	=	102	%	EPA 515.3	-88	-88	70	130	
2016/17-3	000NONPJ	matrix spike, RPD	12/30/2016	Pesticide	2,4,5-TP	n/a	=	6	%	EPA 515.3	-88	-88	0	30	
2016/17-3	000NONPJ	matrix spike	12/30/2016	Pesticide	2,4,5-TP	n/a	=	4.02	µg/L	EPA 515.3	0.09	0.2			
2016/17-3	000NONPJ	matrix spike, rec	12/30/2016	Pesticide	2,4,5-TP	n/a	=	100	%	EPA 515.3	-88	-88	70	130	
2016/17-3	000NONPJ	matrix spike dup	12/30/2016	Pesticide	2,4,5-TP	n/a	=	4.12	µg/L	EPA 515.3	0.09	0.2			
2016/17-3	000NONPJ	matrix spike dup, rec	12/30/2016	Pesticide	2,4,5-TP	n/a	=	103	%	EPA 515.3	-88	-88	70	130	
2016/17-3	000NONPJ	matrix spike, RPD	12/30/2016	Pesticide	2,4,5-TP	n/a	=	2	%	EPA 515.3	-88	-88	0	30	
2016/17-3	Lab	method blank	12/30/2016	Pesticide	2,4,5-TP	n/a	<	0.09	µg/L	EPA 515.3	0.09	0.2			
2016/17-3	Lab	LCS	12/30/2016	Pesticide	2,4,5-TP	n/a	=	4.12	µg/L	EPA 515.3	0.09	0.2			
2016/17-3	Lab	LCS, rec	12/30/2016	Pesticide	2,4,5-TP	n/a	=	103	%	EPA 515.3	-88	-88	70	130	
2016/17-3	000NONPJ	matrix spike	12/30/2016	Pesticide	2,4-D	n/a	=	8.26	µg/L	EPA 515.3	0.07	0.4			
2016/17-3	000NONPJ	matrix spike, rec	12/30/2016	Pesticide	2,4-D	n/a	=	103	%	EPA 515.3	-88	-88	70	130	
2016/17-3	000NONPJ	matrix spike dup	12/30/2016	Pesticide	2,4-D	n/a	=	8.16	µg/L	EPA 515.3	0.07	0.4			
2016/17-3	000NONPJ	matrix spike dup, rec	12/30/2016	Pesticide	2,4-D	n/a	=	102	%	EPA 515.3	-88	-88	70	130	
2016/17-3	000NONPJ	matrix spike, RPD	12/30/2016	Pesticide	2,4-D	n/a	=	1	%	EPA 515.3	-88	-88	0	30	
2016/17-3	000NONPJ	matrix spike	12/30/2016	Pesticide	2,4-D	n/a	=	8.68	µg/L	EPA 515.3	0.07	0.4			
2016/17-3	000NONPJ	matrix spike, rec	12/30/2016	Pesticide	2,4-D	n/a	=	108	%	EPA 515.3	-88	-88	70	130	
2016/17-3	000NONPJ	matrix spike dup	12/30/2016	Pesticide	2,4-D	n/a	=	8.73	µg/L	EPA 515.3	0.07	0.4			
2016/17-3	000NONPJ	matrix spike dup, rec	12/30/2016	Pesticide	2,4-D	n/a	=	109	%	EPA 515.3	-88	-88	70	130	
2016/17-3	000NONPJ	matrix spike, RPD	12/30/2016	Pesticide	2,4-D	n/a	=	0.6	%	EPA 515.3	-88	-88	0	30	
2016/17-3	Lab	method blank	12/30/2016	Pesticide	2,4-D	n/a	<	0.07	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	
2016/17-3	Lab	LCS	12/30/2016	Pesticide	2,4-D	n/a	=	8.29	µg/L	EPA 515.3	0.07	0.4			
2016/17-3	Lab	LCS, rec	12/30/2016	Pesticide	2,4-D	n/a	=	104	%	EPA 515.3	-88	-88	70	130	
2016/17-3	000NONPJ	matrix spike	12/30/2016	Pesticide	2,4-DB	n/a	=	15.2	µg/L	EPA 515.3	0.07	2			
2016/17-3	000NONPJ	matrix spike, rec	12/30/2016	Pesticide	2,4-DB	n/a	=	95	%	EPA 515.3	-88	-88	70	130	
2016/17-3	000NONPJ	matrix spike dup	12/30/2016	Pesticide	2,4-DB	n/a	=	15.3	µg/L	EPA 515.3	0.07	2			
2016/17-3	000NONPJ	matrix spike dup, rec	12/30/2016	Pesticide	2,4-DB	n/a	=	96	%	EPA 515.3	-88	-88	70	130	
2016/17-3	000NONPJ	matrix spike, RPD	12/30/2016	Pesticide	2,4-DB	n/a	=	0.7	%	EPA 515.3	-88	-88	0	30	
2016/17-3	000NONPJ	matrix spike	12/30/2016	Pesticide	2,4-DB	n/a	=	15.5	µg/L	EPA 515.3	0.07	2			
2016/17-3	000NONPJ	matrix spike, rec	12/30/2016	Pesticide	2,4-DB	n/a	=	97	%	EPA 515.3	-88	-88	70	130	
2016/17-3	000NONPJ	matrix spike dup	12/30/2016	Pesticide	2,4-DB	n/a	=	16	µg/L	EPA 515.3	0.07	2			
2016/17-3	000NONPJ	matrix spike dup, rec	12/30/2016	Pesticide	2,4-DB	n/a	=	100	%	EPA 515.3	-88	-88	70	130	
2016/17-3	000NONPJ	matrix spike, RPD	12/30/2016	Pesticide	2,4-DB	n/a	=	3	%	EPA 515.3	-88	-88	0	30	
2016/17-3	Lab	method blank	12/30/2016	Pesticide	2,4-DB	n/a	<	0.07	µg/L	EPA 515.3	0.07	2			
2016/17-3	Lab	LCS	12/30/2016	Pesticide	2,4-DB	n/a	=	15.4	µg/L	EPA 515.3	0.07	2			
2016/17-3	Lab	LCS, rec	12/30/2016	Pesticide	2,4-DB	n/a	=	96	%	EPA 515.3	-88	-88	70	130	
2016/17-3	000NONPJ	matrix spike	12/30/2016	Pesticide	3,5-Dichlorobenzoic acid	n/a	=	8.28	µg/L	EPA 515.3	0.09	1			
2016/17-3	000NONPJ	matrix spike, rec	12/30/2016	Pesticide	3,5-Dichlorobenzoic acid	n/a	=	103	%	EPA 515.3	-88	-88	70	130	
2016/17-3	000NONPJ	matrix spike dup	12/30/2016	Pesticide	3,5-Dichlorobenzoic acid	n/a	=	8.3	µg/L	EPA 515.3	0.09	1			
2016/17-3	000NONPJ	matrix spike dup, rec	12/30/2016	Pesticide	3,5-Dichlorobenzoic acid	n/a	=	104	%	EPA 515.3	-88	-88	70	130	
2016/17-3	000NONPJ	matrix spike, RPD	12/30/2016	Pesticide	3,5-Dichlorobenzoic acid	n/a	=	0.3	%	EPA 515.3	-88	-88	0	30	
2016/17-3	000NONPJ	matrix spike	12/30/2016	Pesticide	3,5-Dichlorobenzoic acid	n/a	=	8.41	µg/L	EPA 515.3	0.09	1			
2016/17-3	000NONPJ	matrix spike, rec	12/30/2016	Pesticide	3,5-Dichlorobenzoic acid	n/a	=	105	%	EPA 515.3	-88	-88	70	130	
2016/17-3	000NONPJ	matrix spike dup	12/30/2016	Pesticide	3,5-Dichlorobenzoic acid	n/a	=	8.46	µg/L	EPA 515.3	0.09	1			
2016/17-3	000NONPJ	matrix spike dup, rec	12/30/2016	Pesticide	3,5-Dichlorobenzoic acid	n/a	=	106	%	EPA 515.3	-88	-88	70	130	
2016/17-3	000NONPJ	matrix spike, RPD	12/30/2016	Pesticide	3,5-Dichlorobenzoic acid	n/a	=	0.5	%	EPA 515.3	-88	-88	0	30	
2016/17-3	Lab	method blank	12/30/2016	Pesticide	3,5-Dichlorobenzoic acid	n/a	<	0.09	µg/L	EPA 515.3	0.09	1			
2016/17-3	Lab	LCS	12/30/2016	Pesticide	3,5-Dichlorobenzoic acid	n/a	=	8.13	µg/L	EPA 515.3	0.09	1			
2016/17-3	Lab	LCS, rec	12/30/2016	Pesticide	3,5-Dichlorobenzoic acid	n/a	=	102	%	EPA 515.3	-88	-88	70	130	
2016/17-3	000NONPJ	matrix spike	1/7/2017	Pesticide	4,4'-DDD	n/a	DNQ	0.0535	µg/L	EPA 608	0.03	0.5			
2016/17-3	000NONPJ	matrix spike, rec	1/7/2017	Pesticide	4,4'-DDD	n/a	=	53	%	EPA 608	-88	-88	23	124	
2016/17-3	000NONPJ	matrix spike dup	1/7/2017	Pesticide	4,4'-DDD	n/a	DNQ	0.0473	µg/L	EPA 608	0.03	0.5			
2016/17-3	000NONPJ	matrix spike dup, rec	1/7/2017	Pesticide	4,4'-DDD	n/a	=	47	%	EPA 608	-88	-88	23	124	
2016/17-3	000NONPJ	matrix spike, RPD	1/7/2017	Pesticide	4,4'-DDD	n/a	=	12	%	EPA 608	-88	-88	0	30	
2016/17-3	Lab	method blank	1/5/2017	Pesticide	4,4'-DDD	n/a	<	0.003	µg/L	EPA 608	0.003	0.05			
2016/17-3	Lab	LCS	1/5/2017	Pesticide	4,4'-DDD	n/a	=	0.0775	µg/L	EPA 608	0.003	0.05			
2016/17-3	Lab	LCS, rec	1/5/2017	Pesticide	4,4'-DDD	n/a	=	77	%	EPA 608	-88	-88	42	133	
2016/17-3	Lab	LCS dup	1/5/2017	Pesticide	4,4'-DDD	n/a	=	0.0882	µg/L	EPA 608	0.003	0.05			
2016/17-3	Lab	LCS dup, rec	1/5/2017	Pesticide	4,4'-DDD	n/a	=	88	%	EPA 608	-88	-88	42	133	
2016/17-3	Lab	LCS, RPD	1/5/2017	Pesticide	4,4'-DDD	n/a	=	13	%	EPA 608	-88	-88	0	30	
2016/17-3	Lab	method blank	1/6/2017	Pesticide	4,4'-DDD	n/a	<	0.003	µg/L	EPA 608	0.003	0.05			
2016/17-3	Lab	LCS	1/6/2017	Pesticide	4,4'-DDD	n/a	=	0.0894	µg/L	EPA 608	0.003	0.05			
2016/17-3	Lab	LCS, rec	1/6/2017	Pesticide	4,4'-DDD	n/a	=	89	%	EPA 608	-88	-88	42	133	
2016/17-3	Lab	LCS dup	1/6/2017	Pesticide	4,4'-DDD	n/a	=	0.0987	µg/L	EPA 608	0.003	0.05			
2016/17-3	Lab	LCS dup, rec	1/6/2017	Pesticide	4,4'-DDD	n/a	=	99	%	EPA 608	-88	-88	42	133	
2016/17-3	Lab	LCS, RPD	1/6/2017	Pesticide	4,4'-DDD	n/a	=	10	%	EPA 608	-88	-88	0	30	
2016/17-3	000NONPJ	matrix spike	1/7/2017	Pesticide	4,4'-DDE	n/a	DNQ	0.0539	µg/L	EPA 608	0.025	0.5			
2016/17-3	000NONPJ	matrix spike, rec	1/7/2017	Pesticide	4,4'-DDE	n/a	=	54	%	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	
2016/17-3	000NONPJ	matrix spike dup	1/7/2017	Pesticide	4,4'-DDE	n/a	DNQ	0.0508	µg/L	EPA 608	0.025	0.5			
2016/17-3	000NONPJ	matrix spike dup, rec	1/7/2017	Pesticide	4,4'-DDE	n/a	=	51	%	EPA 608	-88	-88	30	114	
2016/17-3	000NONPJ	matrix spike, RPD	1/7/2017	Pesticide	4,4'-DDE	n/a	=	6	%	EPA 608	-88	-88	0	30	
2016/17-3	Lab	method blank	1/5/2017	Pesticide	4,4'-DDE	n/a	<	0.0025	µg/L	EPA 608	0.0025	0.05			
2016/17-3	Lab	LCS	1/5/2017	Pesticide	4,4'-DDE	n/a	=	0.0687	µg/L	EPA 608	0.0025	0.05			
2016/17-3	Lab	LCS, rec	1/5/2017	Pesticide	4,4'-DDE	n/a	=	69	%	EPA 608	-88	-88	33	126	
2016/17-3	Lab	LCS dup	1/5/2017	Pesticide	4,4'-DDE	n/a	=	0.0786	µg/L	EPA 608	0.0025	0.05			
2016/17-3	Lab	LCS dup, rec	1/5/2017	Pesticide	4,4'-DDE	n/a	=	79	%	EPA 608	-88	-88	33	126	
2016/17-3	Lab	LCS, RPD	1/5/2017	Pesticide	4,4'-DDE	n/a	=	13	%	EPA 608	-88	-88	0	30	
2016/17-3	Lab	method blank	1/6/2017	Pesticide	4,4'-DDE	n/a	<	0.0025	µg/L	EPA 608	0.0025	0.05			
2016/17-3	Lab	LCS	1/6/2017	Pesticide	4,4'-DDE	n/a	=	0.0898	µg/L	EPA 608	0.0025	0.05			
2016/17-3	Lab	LCS, rec	1/6/2017	Pesticide	4,4'-DDE	n/a	=	90	%	EPA 608	-88	-88	33	126	
2016/17-3	Lab	LCS dup	1/6/2017	Pesticide	4,4'-DDE	n/a	=	0.0931	µg/L	EPA 608	0.0025	0.05			
2016/17-3	Lab	LCS dup, rec	1/6/2017	Pesticide	4,4'-DDE	n/a	=	93	%	EPA 608	-88	-88	33	126	
2016/17-3	Lab	LCS, RPD	1/6/2017	Pesticide	4,4'-DDE	n/a	=	4	%	EPA 608	-88	-88	0	30	
2016/17-3	000NONPJ	matrix spike	1/7/2017	Pesticide	4,4'-DDT	n/a	DNQ	0.0954	µg/L	EPA 608	0.031	0.1			
2016/17-3	000NONPJ	matrix spike, rec	1/7/2017	Pesticide	4,4'-DDT	n/a	=	95	%	EPA 608	-88	-88	11	151	
2016/17-3	000NONPJ	matrix spike dup	1/7/2017	Pesticide	4,4'-DDT	n/a	DNQ	0.0845	µg/L	EPA 608	0.031	0.1			
2016/17-3	000NONPJ	matrix spike dup, rec	1/7/2017	Pesticide	4,4'-DDT	n/a	=	84	%	EPA 608	-88	-88	11	151	
2016/17-3	000NONPJ	matrix spike, RPD	1/7/2017	Pesticide	4,4'-DDT	n/a	=	12	%	EPA 608	-88	-88	0	30	
2016/17-3	Lab	method blank	1/5/2017	Pesticide	4,4'-DDT	n/a	<	0.0031	µg/L	EPA 608	0.0031	0.01			
2016/17-3	Lab	LCS	1/5/2017	Pesticide	4,4'-DDT	n/a	=	0.0878	µg/L	EPA 608	0.0031	0.01			
2016/17-3	Lab	LCS, rec	1/5/2017	Pesticide	4,4'-DDT	n/a	=	88	%	EPA 608	-88	-88	35	147	
2016/17-3	Lab	LCS dup	1/5/2017	Pesticide	4,4'-DDT	n/a	=	0.104	µg/L	EPA 608	0.0031	0.01			
2016/17-3	Lab	LCS dup, rec	1/5/2017	Pesticide	4,4'-DDT	n/a	=	104	%	EPA 608	-88	-88	35	147	
2016/17-3	Lab	LCS, RPD	1/5/2017	Pesticide	4,4'-DDT	n/a	=	17	%	EPA 608	-88	-88	0	30	
2016/17-3	Lab	method blank	1/6/2017	Pesticide	4,4'-DDT	n/a	<	0.0031	µg/L	EPA 608	0.0031	0.01			
2016/17-3	Lab	LCS	1/6/2017	Pesticide	4,4'-DDT	n/a	=	0.116	µg/L	EPA 608	0.0031	0.01			
2016/17-3	Lab	LCS, rec	1/6/2017	Pesticide	4,4'-DDT	n/a	=	116	%	EPA 608	-88	-88	35	147	
2016/17-3	Lab	LCS dup	1/6/2017	Pesticide	4,4'-DDT	n/a	=	0.121	µg/L	EPA 608	0.0031	0.01			
2016/17-3	Lab	LCS dup, rec	1/6/2017	Pesticide	4,4'-DDT	n/a	=	121	%	EPA 608	-88	-88	35	147	
2016/17-3	Lab	LCS, RPD	1/6/2017	Pesticide	4,4'-DDT	n/a	=	4	%	EPA 608	-88	-88	0	30	
2016/17-3	000NONPJ	matrix spike	12/30/2016	Pesticide	Acifluorfen	n/a	=	4.14	µg/L	EPA 515.3	0.06	0.4			
2016/17-3	000NONPJ	matrix spike, rec	12/30/2016	Pesticide	Acifluorfen	n/a	=	104	%	EPA 515.3	-88	-88	70	130	
2016/17-3	000NONPJ	matrix spike dup	12/30/2016	Pesticide	Acifluorfen	n/a	=	4.16	µg/L	EPA 515.3	0.06	0.4			
2016/17-3	000NONPJ	matrix spike dup, rec	12/30/2016	Pesticide	Acifluorfen	n/a	=	104	%	EPA 515.3	-88	-88	70	130	
2016/17-3	000NONPJ	matrix spike, RPD	12/30/2016	Pesticide	Acifluorfen	n/a	=	0.3	%	EPA 515.3	-88	-88	0	30	
2016/17-3	000NONPJ	matrix spike	12/30/2016	Pesticide	Acifluorfen	n/a	=	4.23	µg/L	EPA 515.3	0.06	0.4			
2016/17-3	000NONPJ	matrix spike, rec	12/30/2016	Pesticide	Acifluorfen	n/a	=	106	%	EPA 515.3	-88	-88	70	130	
2016/17-3	000NONPJ	matrix spike dup	12/30/2016	Pesticide	Acifluorfen	n/a	=	4.51	µg/L	EPA 515.3	0.06	0.4			
2016/17-3	000NONPJ	matrix spike dup, rec	12/30/2016	Pesticide	Acifluorfen	n/a	=	113	%	EPA 515.3	-88	-88	70	130	
2016/17-3	000NONPJ	matrix spike, RPD	12/30/2016	Pesticide	Acifluorfen	n/a	=	6	%	EPA 515.3	-88	-88	0	30	
2016/17-3	Lab	method blank	12/30/2016	Pesticide	Acifluorfen	n/a	<	0.06	µg/L	EPA 515.3	0.06	0.4			
2016/17-3	Lab	LCS	12/30/2016	Pesticide	Acifluorfen	n/a	=	4.18	µg/L	EPA 515.3	0.06	0.4			
2016/17-3	Lab	LCS, rec	12/30/2016	Pesticide	Acifluorfen	n/a	=	104	%	EPA 515.3	-88	-88	70	130	
2016/17-3	Lab	method blank	12/27/2016	Pesticide	Alachlor	n/a	<	0.022	µg/L	EPA 525.2	0.022	0.1			
2016/17-3	Lab	LCS	12/27/2016	Pesticide	Alachlor	n/a	=	4.34	µg/L	EPA 525.2	0.022	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	
2016/17-3	Lab	LCS, rec	12/27/2016	Pesticide	Alachlor	n/a	=	87	%	EPA 525.2	-88	-88	55	124	
2016/17-3	Lab	LCS dup	12/27/2016	Pesticide	Alachlor	n/a	=	4.19	µg/L	EPA 525.2	0.022	0.1			
2016/17-3	Lab	LCS dup, rec	12/27/2016	Pesticide	Alachlor	n/a	=	84	%	EPA 525.2	-88	-88	55	124	
2016/17-3	Lab	LCS, RPD	12/27/2016	Pesticide	Alachlor	n/a	=	4	%	EPA 525.2	-88	-88	0	30	
2016/17-3	000NONPJ	matrix spike	1/7/2017	Pesticide	Aldrin	n/a	=	0.0601	µg/L	EPA 608	0.015	0.05			
2016/17-3	000NONPJ	matrix spike, rec	1/7/2017	Pesticide	Aldrin	n/a	=	60	%	EPA 608	-88	-88	18	110	
2016/17-3	000NONPJ	matrix spike dup	1/7/2017	Pesticide	Aldrin	n/a	=	0.0616	µg/L	EPA 608	0.015	0.05			
2016/17-3	000NONPJ	matrix spike dup, rec	1/7/2017	Pesticide	Aldrin	n/a	=	62	%	EPA 608	-88	-88	18	110	
2016/17-3	000NONPJ	matrix spike, RPD	1/7/2017	Pesticide	Aldrin	n/a	=	3	%	EPA 608	-88	-88	0	30	
2016/17-3	Lab	method blank	1/5/2017	Pesticide	Aldrin	n/a	<	0.0015	µg/L	EPA 608	0.0015	0.005			
2016/17-3	Lab	LCS	1/5/2017	Pesticide	Aldrin	n/a	=	0.0551	µg/L	EPA 608	0.0015	0.005			
2016/17-3	Lab	LCS, rec	1/5/2017	Pesticide	Aldrin	n/a	=	55	%	EPA 608	-88	-88	18	117	
2016/17-3	Lab	LCS dup	1/5/2017	Pesticide	Aldrin	n/a	=	0.0769	µg/L	EPA 608	0.0015	0.005			
2016/17-3	Lab	LCS dup, rec	1/5/2017	Pesticide	Aldrin	n/a	=	77	%	EPA 608	-88	-88	18	117	
2016/17-3	Lab	LCS, RPD	1/5/2017	Pesticide	Aldrin	n/a	=	33	%	EPA 608	-88	-88	0	30	IL
2016/17-3	Lab	method blank	1/6/2017	Pesticide	Aldrin	n/a	<	0.0015	µg/L	EPA 608	0.0015	0.005			
2016/17-3	Lab	LCS	1/6/2017	Pesticide	Aldrin	n/a	=	0.0853	µg/L	EPA 608	0.0015	0.005			
2016/17-3	Lab	LCS, rec	1/6/2017	Pesticide	Aldrin	n/a	=	85	%	EPA 608	-88	-88	18	117	
2016/17-3	Lab	LCS dup	1/6/2017	Pesticide	Aldrin	n/a	=	0.0891	µg/L	EPA 608	0.0015	0.005			
2016/17-3	Lab	LCS dup, rec	1/6/2017	Pesticide	Aldrin	n/a	=	89	%	EPA 608	-88	-88	18	117	
2016/17-3	Lab	LCS, RPD	1/6/2017	Pesticide	Aldrin	n/a	=	4	%	EPA 608	-88	-88	0	30	
2016/17-3	000NONPJ	matrix spike	1/7/2017	Pesticide	alpha-BHC	n/a	DNQ	0.0728	µg/L	EPA 608	0.018	0.1			
2016/17-3	000NONPJ	matrix spike, rec	1/7/2017	Pesticide	alpha-BHC	n/a	=	73	%	EPA 608	-88	-88	43	114	
2016/17-3	000NONPJ	matrix spike dup	1/7/2017	Pesticide	alpha-BHC	n/a	DNQ	0.0692	µg/L	EPA 608	0.018	0.1			
2016/17-3	000NONPJ	matrix spike dup, rec	1/7/2017	Pesticide	alpha-BHC	n/a	=	69	%	EPA 608	-88	-88	43	114	
2016/17-3	000NONPJ	matrix spike, RPD	1/7/2017	Pesticide	alpha-BHC	n/a	=	5	%	EPA 608	-88	-88	0	30	
2016/17-3	Lab	method blank	1/5/2017	Pesticide	alpha-BHC	n/a	<	0.0018	µg/L	EPA 608	0.0018	0.01			
2016/17-3	Lab	LCS	1/5/2017	Pesticide	alpha-BHC	n/a	=	0.064	µg/L	EPA 608	0.0018	0.01			
2016/17-3	Lab	LCS, rec	1/5/2017	Pesticide	alpha-BHC	n/a	=	64	%	EPA 608	-88	-88	47	119	
2016/17-3	Lab	LCS dup	1/5/2017	Pesticide	alpha-BHC	n/a	=	0.0734	µg/L	EPA 608	0.0018	0.01			
2016/17-3	Lab	LCS dup, rec	1/5/2017	Pesticide	alpha-BHC	n/a	=	73	%	EPA 608	-88	-88	47	119	
2016/17-3	Lab	LCS, RPD	1/5/2017	Pesticide	alpha-BHC	n/a	=	14	%	EPA 608	-88	-88	0	30	
2016/17-3	Lab	method blank	1/6/2017	Pesticide	alpha-BHC	n/a	<	0.0018	µg/L	EPA 608	0.0018	0.01			
2016/17-3	Lab	LCS	1/6/2017	Pesticide	alpha-BHC	n/a	=	0.0802	µg/L	EPA 608	0.0018	0.01			
2016/17-3	Lab	LCS, rec	1/6/2017	Pesticide	alpha-BHC	n/a	=	80	%	EPA 608	-88	-88	47	119	
2016/17-3	Lab	LCS dup	1/6/2017	Pesticide	alpha-BHC	n/a	=	0.0838	µg/L	EPA 608	0.0018	0.01			
2016/17-3	Lab	LCS dup, rec	1/6/2017	Pesticide	alpha-BHC	n/a	=	84	%	EPA 608	-88	-88	47	119	
2016/17-3	Lab	LCS, RPD	1/6/2017	Pesticide	alpha-BHC	n/a	=	4	%	EPA 608	-88	-88	0	30	
2016/17-3	Lab	method blank	1/5/2017	Pesticide	alpha-Chlordane	n/a	<	0.0041	µg/L	EPA 608	0.0041	0.01			
2016/17-3	Lab	method blank	1/6/2017	Pesticide	alpha-Chlordane	n/a	<	0.0041	µg/L	EPA 608	0.0041	0.01			
2016/17-3	Lab	method blank	12/27/2016	Pesticide	Atrazine	n/a	<	0.034	µg/L	EPA 525.2	0.034	0.1			
2016/17-3	Lab	LCS	12/27/2016	Pesticide	Atrazine	n/a	=	5	µg/L	EPA 525.2	0.034	0.1			
2016/17-3	Lab	LCS, rec	12/27/2016	Pesticide	Atrazine	n/a	=	100	%	EPA 525.2	-88	-88	67	131	
2016/17-3	Lab	LCS dup	12/27/2016	Pesticide	Atrazine	n/a	=	5.06	µg/L	EPA 525.2	0.034	0.1			
2016/17-3	Lab	LCS dup, rec	12/27/2016	Pesticide	Atrazine	n/a	=	101	%	EPA 525.2	-88	-88	67	131	
2016/17-3	Lab	LCS, RPD	12/27/2016	Pesticide	Atrazine	n/a	=	1	%	EPA 525.2	-88	-88	0	30	
2016/17-3	000NONPJ	matrix spike	12/22/2016	Pesticide	Azinphos methyl	n/a	=	0.0276	µg/L	EPA 525.2m	0.0055	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	
2016/17-3	000NONPJ	matrix spike, rec	12/22/2016	Pesticide	Azinphos methyl	n/a	=	55	%	EPA 525.2m	-88	-88	0.1	154	
2016/17-3	000NONPJ	matrix spike dup	12/22/2016	Pesticide	Azinphos methyl	n/a	=	0.0231	µg/L	EPA 525.2m	0.0055	0.01			
2016/17-3	000NONPJ	matrix spike dup, rec	12/22/2016	Pesticide	Azinphos methyl	n/a	=	46	%	EPA 525.2m	-88	-88	0.1	154	
2016/17-3	000NONPJ	matrix spike, RPD	12/22/2016	Pesticide	Azinphos methyl	n/a	=	18	%	EPA 525.2m	-88	-88	0	30	
2016/17-3	000NONPJ	matrix spike	12/30/2016	Pesticide	Azinphos methyl	n/a	=	0.0383	µg/L	EPA 525.2m	0.0055	0.01			
2016/17-3	000NONPJ	matrix spike, rec	12/30/2016	Pesticide	Azinphos methyl	n/a	=	77	%	EPA 525.2m	-88	-88	0.1	154	
2016/17-3	000NONPJ	matrix spike dup	12/30/2016	Pesticide	Azinphos methyl	n/a	=	0.0477	µg/L	EPA 525.2m	0.0055	0.01			
2016/17-3	000NONPJ	matrix spike dup, rec	12/30/2016	Pesticide	Azinphos methyl	n/a	=	95	%	EPA 525.2m	-88	-88	0.1	154	
2016/17-3	000NONPJ	matrix spike, RPD	12/30/2016	Pesticide	Azinphos methyl	n/a	=	22	%	EPA 525.2m	-88	-88	0	30	
2016/17-3	Lab	method blank	12/22/2016	Pesticide	Azinphos methyl	n/a	<	0.0055	µg/L	EPA 525.2m	0.0055	0.01			
2016/17-3	Lab	LCS	12/22/2016	Pesticide	Azinphos methyl	n/a	=	0.0272	µg/L	EPA 525.2m	0.0055	0.01			
2016/17-3	Lab	LCS, rec	12/22/2016	Pesticide	Azinphos methyl	n/a	=	54	%	EPA 525.2m	-88	-88	0.1	188	
2016/17-3	Lab	method blank	12/30/2016	Pesticide	Azinphos methyl	n/a	<	0.0055	µg/L	EPA 525.2m	0.0055	0.01			
2016/17-3	Lab	LCS	12/30/2016	Pesticide	Azinphos methyl	n/a	=	0.0186	µg/L	EPA 525.2m	0.0055	0.01			
2016/17-3	Lab	LCS, rec	12/30/2016	Pesticide	Azinphos methyl	n/a	=	37	%	EPA 525.2m	-88	-88	0.1	188	
2016/17-3	000NONPJ	matrix spike	12/30/2016	Pesticide	Bentazon	n/a	=	16.7	µg/L	EPA 515.3	0.11	2			
2016/17-3	000NONPJ	matrix spike, rec	12/30/2016	Pesticide	Bentazon	n/a	=	105	%	EPA 515.3	-88	-88	70	130	
2016/17-3	000NONPJ	matrix spike dup	12/30/2016	Pesticide	Bentazon	n/a	=	16.4	µg/L	EPA 515.3	0.11	2			
2016/17-3	000NONPJ	matrix spike dup, rec	12/30/2016	Pesticide	Bentazon	n/a	=	103	%	EPA 515.3	-88	-88	70	130	
2016/17-3	000NONPJ	matrix spike, RPD	12/30/2016	Pesticide	Bentazon	n/a	=	2	%	EPA 515.3	-88	-88	0	30	
2016/17-3	000NONPJ	matrix spike	12/30/2016	Pesticide	Bentazon	n/a	=	16.6	µg/L	EPA 515.3	0.11	2			
2016/17-3	000NONPJ	matrix spike, rec	12/30/2016	Pesticide	Bentazon	n/a	=	104	%	EPA 515.3	-88	-88	70	130	
2016/17-3	000NONPJ	matrix spike dup	12/30/2016	Pesticide	Bentazon	n/a	=	17.2	µg/L	EPA 515.3	0.11	2			
2016/17-3	000NONPJ	matrix spike dup, rec	12/30/2016	Pesticide	Bentazon	n/a	=	108	%	EPA 515.3	-88	-88	70	130	
2016/17-3	000NONPJ	matrix spike, RPD	12/30/2016	Pesticide	Bentazon	n/a	=	4	%	EPA 515.3	-88	-88	0	30	
2016/17-3	Lab	method blank	12/30/2016	Pesticide	Bentazon	n/a	<	0.11	µg/L	EPA 515.3	0.11	2			
2016/17-3	Lab	LCS	12/30/2016	Pesticide	Bentazon	n/a	=	16.8	µg/L	EPA 515.3	0.11	2			
2016/17-3	Lab	LCS, rec	12/30/2016	Pesticide	Bentazon	n/a	=	105	%	EPA 515.3	-88	-88	70	130	
2016/17-3	000NONPJ	matrix spike	1/7/2017	Pesticide	beta-BHC	n/a	=	0.0734	µg/L	EPA 608	0.031	0.05			
2016/17-3	000NONPJ	matrix spike, rec	1/7/2017	Pesticide	beta-BHC	n/a	=	73	%	EPA 608	-88	-88	24	135	
2016/17-3	000NONPJ	matrix spike dup	1/7/2017	Pesticide	beta-BHC	n/a	=	0.0609	µg/L	EPA 608	0.031	0.05			
2016/17-3	000NONPJ	matrix spike dup, rec	1/7/2017	Pesticide	beta-BHC	n/a	=	61	%	EPA 608	-88	-88	24	135	
2016/17-3	000NONPJ	matrix spike, RPD	1/7/2017	Pesticide	beta-BHC	n/a	=	19	%	EPA 608	-88	-88	0	30	
2016/17-3	Lab	method blank	1/5/2017	Pesticide	beta-BHC	n/a	<	0.0031	µg/L	EPA 608	0.0031	0.005			
2016/17-3	Lab	LCS	1/5/2017	Pesticide	beta-BHC	n/a	=	0.0721	µg/L	EPA 608	0.0031	0.005			
2016/17-3	Lab	LCS, rec	1/5/2017	Pesticide	beta-BHC	n/a	=	72	%	EPA 608	-88	-88	53	123	
2016/17-3	Lab	LCS dup	1/5/2017	Pesticide	beta-BHC	n/a	=	0.0808	µg/L	EPA 608	0.0031	0.005			
2016/17-3	Lab	LCS dup, rec	1/5/2017	Pesticide	beta-BHC	n/a	=	81	%	EPA 608	-88	-88	53	123	
2016/17-3	Lab	LCS, RPD	1/5/2017	Pesticide	beta-BHC	n/a	=	11	%	EPA 608	-88	-88	0	30	
2016/17-3	Lab	method blank	1/6/2017	Pesticide	beta-BHC	n/a	<	0.0031	µg/L	EPA 608	0.0031	0.005			
2016/17-3	Lab	LCS	1/6/2017	Pesticide	beta-BHC	n/a	=	0.0932	µg/L	EPA 608	0.0031	0.005			
2016/17-3	Lab	LCS, rec	1/6/2017	Pesticide	beta-BHC	n/a	=	93	%	EPA 608	-88	-88	53	123	
2016/17-3	Lab	LCS dup	1/6/2017	Pesticide	beta-BHC	n/a	=	0.103	µg/L	EPA 608	0.0031	0.005			
2016/17-3	Lab	LCS dup, rec	1/6/2017	Pesticide	beta-BHC	n/a	=	103	%	EPA 608	-88	-88	53	123	
2016/17-3	Lab	LCS, RPD	1/6/2017	Pesticide	beta-BHC	n/a	=	10	%	EPA 608	-88	-88	0	30	
2016/17-3	000NONPJ	matrix spike	12/22/2016	Pesticide	Bolstar	n/a	=	0.0376	µg/L	EPA 525.2m	0.0046	0.01			
2016/17-3	000NONPJ	matrix spike, rec	12/22/2016	Pesticide	Bolstar	n/a	=	75	%	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	
2016/17-3	000NONPJ	matrix spike dup	12/22/2016	Pesticide	Bolstar	n/a	=	0.0452	µg/L	EPA 525.2m	0.0046	0.01			
2016/17-3	000NONPJ	matrix spike dup, rec	12/22/2016	Pesticide	Bolstar	n/a	=	90	%	EPA 525.2m	-88	-88	4	184	
2016/17-3	000NONPJ	matrix spike, RPD	12/22/2016	Pesticide	Bolstar	n/a	=	18	%	EPA 525.2m	-88	-88	0	30	
2016/17-3	000NONPJ	matrix spike	12/30/2016	Pesticide	Bolstar	n/a	=	0.0478	µg/L	EPA 525.2m	0.0046	0.01			
2016/17-3	000NONPJ	matrix spike, rec	12/30/2016	Pesticide	Bolstar	n/a	=	96	%	EPA 525.2m	-88	-88	4	184	
2016/17-3	000NONPJ	matrix spike dup	12/30/2016	Pesticide	Bolstar	n/a	=	0.0548	µg/L	EPA 525.2m	0.0046	0.01			
2016/17-3	000NONPJ	matrix spike dup, rec	12/30/2016	Pesticide	Bolstar	n/a	=	110	%	EPA 525.2m	-88	-88	4	184	
2016/17-3	000NONPJ	matrix spike, RPD	12/30/2016	Pesticide	Bolstar	n/a	=	14	%	EPA 525.2m	-88	-88	0	30	
2016/17-3	Lab	method blank	12/22/2016	Pesticide	Bolstar	n/a	<	0.0046	µg/L	EPA 525.2m	0.0046	0.01			
2016/17-3	Lab	LCS	12/22/2016	Pesticide	Bolstar	n/a	=	0.0307	µg/L	EPA 525.2m	0.0046	0.01			
2016/17-3	Lab	LCS, rec	12/22/2016	Pesticide	Bolstar	n/a	=	61	%	EPA 525.2m	-88	-88	11	166	
2016/17-3	Lab	method blank	12/30/2016	Pesticide	Bolstar	n/a	<	0.0046	µg/L	EPA 525.2m	0.0046	0.01			
2016/17-3	Lab	LCS	12/30/2016	Pesticide	Bolstar	n/a	=	0.0456	µg/L	EPA 525.2m	0.0046	0.01			
2016/17-3	Lab	LCS, rec	12/30/2016	Pesticide	Bolstar	n/a	=	91	%	EPA 525.2m	-88	-88	11	166	
2016/17-3	Lab	method blank	12/27/2016	Pesticide	Bromacil	n/a	<	0.038	µg/L	EPA 525.2	0.038	1			
2016/17-3	Lab	LCS	12/27/2016	Pesticide	Bromacil	n/a	=	5.41	µg/L	EPA 525.2	0.038	1			
2016/17-3	Lab	LCS, rec	12/27/2016	Pesticide	Bromacil	n/a	=	108	%	EPA 525.2	-88	-88	62	139	
2016/17-3	Lab	LCS dup	12/27/2016	Pesticide	Bromacil	n/a	=	5.54	µg/L	EPA 525.2	0.038	1			
2016/17-3	Lab	LCS dup, rec	12/27/2016	Pesticide	Bromacil	n/a	=	111	%	EPA 525.2	-88	-88	62	139	
2016/17-3	Lab	LCS, RPD	12/27/2016	Pesticide	Bromacil	n/a	=	2	%	EPA 525.2	-88	-88	0	30	
2016/17-3	Lab	method blank	12/27/2016	Pesticide	Butachlor	n/a	<	0.017	µg/L	EPA 525.2	0.017	0.2			
2016/17-3	Lab	LCS	12/27/2016	Pesticide	Butachlor	n/a	=	4.62	µg/L	EPA 525.2	0.017	0.2			
2016/17-3	Lab	LCS, rec	12/27/2016	Pesticide	Butachlor	n/a	=	92	%	EPA 525.2	-88	-88	61	127	
2016/17-3	Lab	LCS dup	12/27/2016	Pesticide	Butachlor	n/a	=	4.36	µg/L	EPA 525.2	0.017	0.2			
2016/17-3	Lab	LCS dup, rec	12/27/2016	Pesticide	Butachlor	n/a	=	87	%	EPA 525.2	-88	-88	61	127	
2016/17-3	Lab	LCS, RPD	12/27/2016	Pesticide	Butachlor	n/a	=	6	%	EPA 525.2	-88	-88	0	30	
2016/17-3	Lab	method blank	12/27/2016	Pesticide	Captan	n/a	<	0.86	µg/L	EPA 525.2	0.86	1			
2016/17-3	Lab	LCS	12/27/2016	Pesticide	Captan	n/a	=	4.72	µg/L	EPA 525.2	0.86	1			
2016/17-3	Lab	LCS, rec	12/27/2016	Pesticide	Captan	n/a	=	94	%	EPA 525.2	-88	-88	14	159	
2016/17-3	Lab	LCS dup	12/27/2016	Pesticide	Captan	n/a	=	4.79	µg/L	EPA 525.2	0.86	1			
2016/17-3	Lab	LCS dup, rec	12/27/2016	Pesticide	Captan	n/a	=	96	%	EPA 525.2	-88	-88	14	159	
2016/17-3	Lab	LCS, RPD	12/27/2016	Pesticide	Captan	n/a	=	1	%	EPA 525.2	-88	-88	0	30	
2016/17-3	Lab	method blank	1/5/2017	Pesticide	Chlordane (technical)	n/a	<	0.08	µg/L	EPA 608	0.08	0.1			
2016/17-3	Lab	method blank	1/6/2017	Pesticide	Chlordane (technical)	n/a	<	0.08	µg/L	EPA 608	0.08	0.1			
2016/17-3	Lab	method blank	12/27/2016	Pesticide	Chloropropham	n/a	<	0.01	µg/L	EPA 525.2	0.01	0.1			
2016/17-3	Lab	LCS	12/27/2016	Pesticide	Chloropropham	n/a	=	4.82	µg/L	EPA 525.2	0.01	0.1			
2016/17-3	Lab	LCS, rec	12/27/2016	Pesticide	Chloropropham	n/a	=	96	%	EPA 525.2	-88	-88	77	143	
2016/17-3	Lab	LCS dup	12/27/2016	Pesticide	Chloropropham	n/a	=	4.77	µg/L	EPA 525.2	0.01	0.1			
2016/17-3	Lab	LCS dup, rec	12/27/2016	Pesticide	Chloropropham	n/a	=	95	%	EPA 525.2	-88	-88	77	143	
2016/17-3	Lab	LCS, RPD	12/27/2016	Pesticide	Chloropropham	n/a	=	1	%	EPA 525.2	-88	-88	0	30	
2016/17-3	000NONPJ	matrix spike	12/22/2016	Pesticide	Chlorpyrifos	n/a	=	0.0514	µg/L	EPA 525.2m	0.0069	0.01			
2016/17-3	000NONPJ	matrix spike, rec	12/22/2016	Pesticide	Chlorpyrifos	n/a	=	103	%	EPA 525.2m	-88	-88	37	168	
2016/17-3	000NONPJ	matrix spike dup	12/22/2016	Pesticide	Chlorpyrifos	n/a	=	0.0558	µg/L	EPA 525.2m	0.0069	0.01			
2016/17-3	000NONPJ	matrix spike dup, rec	12/22/2016	Pesticide	Chlorpyrifos	n/a	=	112	%	EPA 525.2m	-88	-88	37	168	
2016/17-3	000NONPJ	matrix spike, RPD	12/22/2016	Pesticide	Chlorpyrifos	n/a	=	8	%	EPA 525.2m	-88	-88	0	30	
2016/17-3	000NONPJ	matrix spike	12/30/2016	Pesticide	Chlorpyrifos	n/a	=	0.061	µg/L	EPA 525.2m	0.0069	0.01			
2016/17-3	000NONPJ	matrix spike, rec	12/30/2016	Pesticide	Chlorpyrifos	n/a	=	122	%	EPA 525.2m	-88	-88	37	168	

Appendix F
Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2016/17-3	000NONPJ	matrix spike dup	12/30/2016	Pesticide	Chlorpyrifos	n/a	=	0.0552	µg/L	EPA 525.2m	0.0069	0.01			
2016/17-3	000NONPJ	matrix spike dup, rec	12/30/2016	Pesticide	Chlorpyrifos	n/a	=	110	%	EPA 525.2m	-88	-88	37	168	
2016/17-3	000NONPJ	matrix spike, RPD	12/30/2016	Pesticide	Chlorpyrifos	n/a	=	10	%	EPA 525.2m	-88	-88	0	30	
2016/17-3	Lab	method blank	12/22/2016	Pesticide	Chlorpyrifos	n/a	<	0.0069	µg/L	EPA 525.2m	0.0069	0.01			
2016/17-3	Lab	LCS	12/22/2016	Pesticide	Chlorpyrifos	n/a	=	0.0519	µg/L	EPA 525.2m	0.0069	0.01			
2016/17-3	Lab	LCS, rec	12/22/2016	Pesticide	Chlorpyrifos	n/a	=	104	%	EPA 525.2m	-88	-88	37	169	
2016/17-3	Lab	method blank	12/30/2016	Pesticide	Chlorpyrifos	n/a	<	0.0069	µg/L	EPA 525.2m	0.0069	0.01			
2016/17-3	Lab	LCS	12/30/2016	Pesticide	Chlorpyrifos	n/a	=	0.0584	µg/L	EPA 525.2m	0.0069	0.01			
2016/17-3	Lab	LCS, rec	12/30/2016	Pesticide	Chlorpyrifos	n/a	=	117	%	EPA 525.2m	-88	-88	37	169	
2016/17-3	000NONPJ	matrix spike	12/22/2016	Pesticide	Coumaphos	n/a	=	0.0339	µg/L	EPA 525.2m	0.0051	0.01			
2016/17-3	000NONPJ	matrix spike, rec	12/22/2016	Pesticide	Coumaphos	n/a	=	68	%	EPA 525.2m	-88	-88	0.1	203	
2016/17-3	000NONPJ	matrix spike dup	12/22/2016	Pesticide	Coumaphos	n/a	=	0.0348	µg/L	EPA 525.2m	0.0051	0.01			
2016/17-3	000NONPJ	matrix spike dup, rec	12/22/2016	Pesticide	Coumaphos	n/a	=	70	%	EPA 525.2m	-88	-88	0.1	203	
2016/17-3	000NONPJ	matrix spike, RPD	12/22/2016	Pesticide	Coumaphos	n/a	=	3	%	EPA 525.2m	-88	-88	0	30	
2016/17-3	000NONPJ	matrix spike	12/30/2016	Pesticide	Coumaphos	n/a	=	0.0472	µg/L	EPA 525.2m	0.0051	0.01			
2016/17-3	000NONPJ	matrix spike, rec	12/30/2016	Pesticide	Coumaphos	n/a	=	94	%	EPA 525.2m	-88	-88	0.1	203	
2016/17-3	000NONPJ	matrix spike dup	12/30/2016	Pesticide	Coumaphos	n/a	=	0.0547	µg/L	EPA 525.2m	0.0051	0.01			
2016/17-3	000NONPJ	matrix spike dup, rec	12/30/2016	Pesticide	Coumaphos	n/a	=	109	%	EPA 525.2m	-88	-88	0.1	203	
2016/17-3	000NONPJ	matrix spike, RPD	12/30/2016	Pesticide	Coumaphos	n/a	=	15	%	EPA 525.2m	-88	-88	0	30	
2016/17-3	Lab	method blank	12/22/2016	Pesticide	Coumaphos	n/a	<	0.0051	µg/L	EPA 525.2m	0.0051	0.01			
2016/17-3	Lab	LCS	12/22/2016	Pesticide	Coumaphos	n/a	=	0.0325	µg/L	EPA 525.2m	0.0051	0.01			
2016/17-3	Lab	LCS, rec	12/22/2016	Pesticide	Coumaphos	n/a	=	65	%	EPA 525.2m	-88	-88	0.1	225	
2016/17-3	Lab	method blank	12/30/2016	Pesticide	Coumaphos	n/a	<	0.0051	µg/L	EPA 525.2m	0.0051	0.01			
2016/17-3	Lab	LCS	12/30/2016	Pesticide	Coumaphos	n/a	=	0.0371	µg/L	EPA 525.2m	0.0051	0.01			
2016/17-3	Lab	LCS, rec	12/30/2016	Pesticide	Coumaphos	n/a	=	74	%	EPA 525.2m	-88	-88	0.1	225	
2016/17-3	Lab	method blank	12/27/2016	Pesticide	Cyanazine	n/a	<	0.024	µg/L	EPA 525.2	0.024	0.1			
2016/17-3	Lab	LCS	12/27/2016	Pesticide	Cyanazine	n/a	=	4.57	µg/L	EPA 525.2	0.024	0.1			
2016/17-3	Lab	LCS, rec	12/27/2016	Pesticide	Cyanazine	n/a	=	91	%	EPA 525.2	-88	-88	61	129	
2016/17-3	Lab	LCS dup	12/27/2016	Pesticide	Cyanazine	n/a	=	4.68	µg/L	EPA 525.2	0.024	0.1			
2016/17-3	Lab	LCS dup, rec	12/27/2016	Pesticide	Cyanazine	n/a	=	94	%	EPA 525.2	-88	-88	61	129	
2016/17-3	Lab	LCS, RPD	12/27/2016	Pesticide	Cyanazine	n/a	=	2	%	EPA 525.2	-88	-88	0	30	
2016/17-3	000NONPJ	matrix spike	12/30/2016	Pesticide	Dalapon	n/a	=	8.54	µg/L	EPA 515.3	0.1	0.4			
2016/17-3	000NONPJ	matrix spike, rec	12/30/2016	Pesticide	Dalapon	n/a	=	107	%	EPA 515.3	-88	-88	70	130	
2016/17-3	000NONPJ	matrix spike dup	12/30/2016	Pesticide	Dalapon	n/a	=	8.46	µg/L	EPA 515.3	0.1	0.4			
2016/17-3	000NONPJ	matrix spike dup, rec	12/30/2016	Pesticide	Dalapon	n/a	=	106	%	EPA 515.3	-88	-88	70	130	
2016/17-3	000NONPJ	matrix spike, RPD	12/30/2016	Pesticide	Dalapon	n/a	=	1	%	EPA 515.3	-88	-88	0	30	
2016/17-3	000NONPJ	matrix spike	12/30/2016	Pesticide	Dalapon	n/a	=	8.18	µg/L	EPA 515.3	0.1	0.4			
2016/17-3	000NONPJ	matrix spike, rec	12/30/2016	Pesticide	Dalapon	n/a	=	102	%	EPA 515.3	-88	-88	70	130	
2016/17-3	000NONPJ	matrix spike dup	12/30/2016	Pesticide	Dalapon	n/a	=	8.48	µg/L	EPA 515.3	0.1	0.4			
2016/17-3	000NONPJ	matrix spike dup, rec	12/30/2016	Pesticide	Dalapon	n/a	=	106	%	EPA 515.3	-88	-88	70	130	
2016/17-3	000NONPJ	matrix spike, RPD	12/30/2016	Pesticide	Dalapon	n/a	=	4	%	EPA 515.3	-88	-88	0	30	
2016/17-3	Lab	method blank	12/30/2016	Pesticide	Dalapon	n/a	<	0.1	µg/L	EPA 515.3	0.1	0.4			
2016/17-3	Lab	LCS	12/30/2016	Pesticide	Dalapon	n/a	=	8.59	µg/L	EPA 515.3	0.1	0.4			
2016/17-3	Lab	LCS, rec	12/30/2016	Pesticide	Dalapon	n/a	=	107	%	EPA 515.3	-88	-88	70	130	
2016/17-3	000NONPJ	matrix spike	12/30/2016	Pesticide	DCPA (Dacthal)	n/a	=	4.02	µg/L	EPA 515.3	0.07	0.1			
2016/17-3	000NONPJ	matrix spike, rec	12/30/2016	Pesticide	DCPA (Dacthal)	n/a	=	101	%	EPA 515.3	-88	-88	70	130	
2016/17-3	000NONPJ	matrix spike dup	12/30/2016	Pesticide	DCPA (Dacthal)	n/a	=	4.05	µg/L	EPA 515.3	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	
2016/17-3	000NONPJ	matrix spike dup, rec	12/30/2016	Pesticide	DCPA (Dacthal)	n/a	=	101	%	EPA 515.3	-88	-88	70	130	
2016/17-3	000NONPJ	matrix spike, RPD	12/30/2016	Pesticide	DCPA (Dacthal)	n/a	=	0.5	%	EPA 515.3	-88	-88	0	30	
2016/17-3	000NONPJ	matrix spike	12/30/2016	Pesticide	DCPA (Dacthal)	n/a	=	3.93	µg/L	EPA 515.3	0.07	0.1			
2016/17-3	000NONPJ	matrix spike, rec	12/30/2016	Pesticide	DCPA (Dacthal)	n/a	=	98	%	EPA 515.3	-88	-88	70	130	
2016/17-3	000NONPJ	matrix spike dup	12/30/2016	Pesticide	DCPA (Dacthal)	n/a	=	4.05	µg/L	EPA 515.3	0.07	0.1			
2016/17-3	000NONPJ	matrix spike dup, rec	12/30/2016	Pesticide	DCPA (Dacthal)	n/a	=	101	%	EPA 515.3	-88	-88	70	130	
2016/17-3	000NONPJ	matrix spike, RPD	12/30/2016	Pesticide	DCPA (Dacthal)	n/a	=	3	%	EPA 515.3	-88	-88	0	30	
2016/17-3	Lab	method blank	12/30/2016	Pesticide	DCPA (Dacthal)	n/a	<	0.07	µg/L	EPA 515.3	0.07	0.1			
2016/17-3	Lab	LCS	12/30/2016	Pesticide	DCPA (Dacthal)	n/a	=	3.96	µg/L	EPA 515.3	0.07	0.1			
2016/17-3	Lab	LCS, rec	12/30/2016	Pesticide	DCPA (Dacthal)	n/a	=	99	%	EPA 515.3	-88	-88	70	130	
2016/17-3	000NONPJ	matrix spike	1/7/2017	Pesticide	delta-BHC	n/a	=	0.0704	µg/L	EPA 608	0.025	0.05			
2016/17-3	000NONPJ	matrix spike, rec	1/7/2017	Pesticide	delta-BHC	n/a	=	70	%	EPA 608	-88	-88	37	122	
2016/17-3	000NONPJ	matrix spike dup	1/7/2017	Pesticide	delta-BHC	n/a	=	0.0621	µg/L	EPA 608	0.025	0.05			
2016/17-3	000NONPJ	matrix spike dup, rec	1/7/2017	Pesticide	delta-BHC	n/a	=	62	%	EPA 608	-88	-88	37	122	
2016/17-3	000NONPJ	matrix spike, RPD	1/7/2017	Pesticide	delta-BHC	n/a	=	13	%	EPA 608	-88	-88	0	30	
2016/17-3	Lab	method blank	1/5/2017	Pesticide	delta-BHC	n/a	<	0.0025	µg/L	EPA 608	0.0025	0.005			
2016/17-3	Lab	LCS	1/5/2017	Pesticide	delta-BHC	n/a	=	0.0788	µg/L	EPA 608	0.0025	0.005			
2016/17-3	Lab	LCS, rec	1/5/2017	Pesticide	delta-BHC	n/a	=	79	%	EPA 608	-88	-88	51	123	
2016/17-3	Lab	LCS dup	1/5/2017	Pesticide	delta-BHC	n/a	=	0.0795	µg/L	EPA 608	0.0025	0.005			
2016/17-3	Lab	LCS dup, rec	1/5/2017	Pesticide	delta-BHC	n/a	=	79	%	EPA 608	-88	-88	51	123	
2016/17-3	Lab	LCS, RPD	1/5/2017	Pesticide	delta-BHC	n/a	=	0.8	%	EPA 608	-88	-88	0	30	
2016/17-3	Lab	method blank	1/6/2017	Pesticide	delta-BHC	n/a	<	0.0025	µg/L	EPA 608	0.0025	0.005			
2016/17-3	Lab	LCS	1/6/2017	Pesticide	delta-BHC	n/a	=	0.103	µg/L	EPA 608	0.0025	0.005			
2016/17-3	Lab	LCS, rec	1/6/2017	Pesticide	delta-BHC	n/a	=	103	%	EPA 608	-88	-88	51	123	
2016/17-3	Lab	LCS dup	1/6/2017	Pesticide	delta-BHC	n/a	=	0.105	µg/L	EPA 608	0.0025	0.005			
2016/17-3	Lab	LCS dup, rec	1/6/2017	Pesticide	delta-BHC	n/a	=	105	%	EPA 608	-88	-88	51	123	
2016/17-3	Lab	LCS, RPD	1/6/2017	Pesticide	delta-BHC	n/a	=	2	%	EPA 608	-88	-88	0	30	
2016/17-3	000NONPJ	matrix spike	12/22/2016	Pesticide	Demeton-O	n/a	=	0.0279	µg/L	EPA 525.2m	0.01	0.01			
2016/17-3	000NONPJ	matrix spike, rec	12/22/2016	Pesticide	Demeton-O	n/a	=	56	%	EPA 525.2m	-88	-88	0.1	208	
2016/17-3	000NONPJ	matrix spike dup	12/22/2016	Pesticide	Demeton-O	n/a	=	0.0263	µg/L	EPA 525.2m	0.01	0.01			
2016/17-3	000NONPJ	matrix spike dup, rec	12/22/2016	Pesticide	Demeton-O	n/a	=	53	%	EPA 525.2m	-88	-88	0.1	208	
2016/17-3	000NONPJ	matrix spike, RPD	12/22/2016	Pesticide	Demeton-O	n/a	=	6	%	EPA 525.2m	-88	-88	0	30	
2016/17-3	000NONPJ	matrix spike	12/30/2016	Pesticide	Demeton-O	n/a	=	0.0363	µg/L	EPA 525.2m	0.01	0.01			
2016/17-3	000NONPJ	matrix spike, rec	12/30/2016	Pesticide	Demeton-O	n/a	=	73	%	EPA 525.2m	-88	-88	0.1	208	
2016/17-3	000NONPJ	matrix spike dup	12/30/2016	Pesticide	Demeton-O	n/a	=	0.0345	µg/L	EPA 525.2m	0.01	0.01			
2016/17-3	000NONPJ	matrix spike dup, rec	12/30/2016	Pesticide	Demeton-O	n/a	=	69	%	EPA 525.2m	-88	-88	0.1	208	
2016/17-3	000NONPJ	matrix spike, RPD	12/30/2016	Pesticide	Demeton-O	n/a	=	5	%	EPA 525.2m	-88	-88	0	30	
2016/17-3	Lab	method blank	12/22/2016	Pesticide	Demeton-O	n/a	<	0.01	µg/L	EPA 525.2m	0.01	0.01			
2016/17-3	Lab	LCS	12/22/2016	Pesticide	Demeton-O	n/a	=	0.0111	µg/L	EPA 525.2m	0.01	0.01			
2016/17-3	Lab	LCS, rec	12/22/2016	Pesticide	Demeton-O	n/a	=	22	%	EPA 525.2m	-88	-88	0.1	211	
2016/17-3	Lab	method blank	12/30/2016	Pesticide	Demeton-O	n/a	<	0.01	µg/L	EPA 525.2m	0.01	0.01			
2016/17-3	Lab	LCS	12/30/2016	Pesticide	Demeton-O	n/a	=	0.0257	µg/L	EPA 525.2m	0.01	0.01			
2016/17-3	Lab	LCS, rec	12/30/2016	Pesticide	Demeton-O	n/a	=	51	%	EPA 525.2m	-88	-88	0.1	211	
2016/17-3	000NONPJ	matrix spike	12/22/2016	Pesticide	Demeton-S	n/a	=	0.0552	µg/L	EPA 525.2m	0.01	0.01			
2016/17-3	000NONPJ	matrix spike, rec	12/22/2016	Pesticide	Demeton-S	n/a	=	110	%	EPA 525.2m	-88	-88	0.1	207	
2016/17-3	000NONPJ	matrix spike dup	12/22/2016	Pesticide	Demeton-S	n/a	=	0.0496	µg/L	EPA 525.2m	0.01	0.01			
2016/17-3	000NONPJ	matrix spike dup, rec	12/22/2016	Pesticide	Demeton-S	n/a	=	99	%	EPA 525.2m	-88	-88	0.1	207	

Appendix F
Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2016/17-3	000NONPJ	matrix spike, RPD	12/22/2016	Pesticide	Demeton-S	n/a	=	11	%	EPA 525.2m	-88	-88	0	30	
2016/17-3	000NONPJ	matrix spike	12/30/2016	Pesticide	Demeton-S	n/a	=	0.0709	µg/L	EPA 525.2m	0.01	0.01			
2016/17-3	000NONPJ	matrix spike, rec	12/30/2016	Pesticide	Demeton-S	n/a	=	142	%	EPA 525.2m	-88	-88	0.1	207	
2016/17-3	000NONPJ	matrix spike dup	12/30/2016	Pesticide	Demeton-S	n/a	=	0.076	µg/L	EPA 525.2m	0.01	0.01			
2016/17-3	000NONPJ	matrix spike dup, rec	12/30/2016	Pesticide	Demeton-S	n/a	=	152	%	EPA 525.2m	-88	-88	0.1	207	
2016/17-3	000NONPJ	matrix spike, RPD	12/30/2016	Pesticide	Demeton-S	n/a	=	7	%	EPA 525.2m	-88	-88	0	30	
2016/17-3	Lab	method blank	12/22/2016	Pesticide	Demeton-S	n/a	<	0.01	µg/L	EPA 525.2m	0.01	0.01			
2016/17-3	Lab	LCS	12/22/2016	Pesticide	Demeton-S	n/a	=	0.0444	µg/L	EPA 525.2m	0.01	0.01			
2016/17-3	Lab	LCS, rec	12/22/2016	Pesticide	Demeton-S	n/a	=	89	%	EPA 525.2m	-88	-88	0.1	213	
2016/17-3	Lab	method blank	12/30/2016	Pesticide	Demeton-S	n/a	<	0.01	µg/L	EPA 525.2m	0.01	0.01			
2016/17-3	Lab	LCS	12/30/2016	Pesticide	Demeton-S	n/a	=	0.0525	µg/L	EPA 525.2m	0.01	0.01			
2016/17-3	Lab	LCS, rec	12/30/2016	Pesticide	Demeton-S	n/a	=	105	%	EPA 525.2m	-88	-88	0.1	213	
2016/17-3	000NONPJ	matrix spike	12/22/2016	Pesticide	Diazinon	n/a	=	0.0407	µg/L	EPA 525.2m	0.0052	0.01			
2016/17-3	000NONPJ	matrix spike, rec	12/22/2016	Pesticide	Diazinon	n/a	=	81	%	EPA 525.2m	-88	-88	36	153	
2016/17-3	000NONPJ	matrix spike dup	12/22/2016	Pesticide	Diazinon	n/a	=	0.0406	µg/L	EPA 525.2m	0.0052	0.01			
2016/17-3	000NONPJ	matrix spike dup, rec	12/22/2016	Pesticide	Diazinon	n/a	=	81	%	EPA 525.2m	-88	-88	36	153	
2016/17-3	000NONPJ	matrix spike, RPD	12/22/2016	Pesticide	Diazinon	n/a	=	0.1	%	EPA 525.2m	-88	-88	0	30	
2016/17-3	000NONPJ	matrix spike	12/30/2016	Pesticide	Diazinon	n/a	=	0.0491	µg/L	EPA 525.2m	0.0052	0.01			
2016/17-3	000NONPJ	matrix spike, rec	12/30/2016	Pesticide	Diazinon	n/a	=	98	%	EPA 525.2m	-88	-88	36	153	
2016/17-3	000NONPJ	matrix spike dup	12/30/2016	Pesticide	Diazinon	n/a	=	0.0455	µg/L	EPA 525.2m	0.0052	0.01			
2016/17-3	000NONPJ	matrix spike dup, rec	12/30/2016	Pesticide	Diazinon	n/a	=	91	%	EPA 525.2m	-88	-88	36	153	
2016/17-3	000NONPJ	matrix spike, RPD	12/30/2016	Pesticide	Diazinon	n/a	=	8	%	EPA 525.2m	-88	-88	0	30	
2016/17-3	Lab	method blank	12/22/2016	Pesticide	Diazinon	n/a	<	0.0052	µg/L	EPA 525.2m	0.0052	0.01			
2016/17-3	Lab	LCS	12/22/2016	Pesticide	Diazinon	n/a	=	0.0308	µg/L	EPA 525.2m	0.0052	0.01			
2016/17-3	Lab	LCS, rec	12/22/2016	Pesticide	Diazinon	n/a	=	62	%	EPA 525.2m	-88	-88	43	152	
2016/17-3	Lab	method blank	12/27/2016	Pesticide	Diazinon	n/a	<	0.096	µg/L	EPA 525.2	0.096	0.1			
2016/17-3	Lab	LCS	12/27/2016	Pesticide	Diazinon	n/a	=	3.96	µg/L	EPA 525.2	0.096	0.1			
2016/17-3	Lab	LCS, rec	12/27/2016	Pesticide	Diazinon	n/a	=	79	%	EPA 525.2	-88	-88	30	120	
2016/17-3	Lab	LCS dup	12/27/2016	Pesticide	Diazinon	n/a	=	3.88	µg/L	EPA 525.2	0.096	0.1			
2016/17-3	Lab	LCS dup, rec	12/27/2016	Pesticide	Diazinon	n/a	=	78	%	EPA 525.2	-88	-88	30	120	
2016/17-3	Lab	LCS, RPD	12/27/2016	Pesticide	Diazinon	n/a	=	2	%	EPA 525.2	-88	-88	0	30	
2016/17-3	Lab	method blank	12/30/2016	Pesticide	Diazinon	n/a	<	0.0052	µg/L	EPA 525.2m	0.0052	0.01			
2016/17-3	Lab	LCS	12/30/2016	Pesticide	Diazinon	n/a	=	0.0361	µg/L	EPA 525.2m	0.0052	0.01			
2016/17-3	Lab	LCS, rec	12/30/2016	Pesticide	Diazinon	n/a	=	72	%	EPA 525.2m	-88	-88	43	152	
2016/17-3	000NONPJ	matrix spike	12/30/2016	Pesticide	Dicamba	n/a	=	8.22	µg/L	EPA 515.3	0.12	0.6			
2016/17-3	000NONPJ	matrix spike, rec	12/30/2016	Pesticide	Dicamba	n/a	=	103	%	EPA 515.3	-88	-88	70	130	
2016/17-3	000NONPJ	matrix spike dup	12/30/2016	Pesticide	Dicamba	n/a	=	8.16	µg/L	EPA 515.3	0.12	0.6			
2016/17-3	000NONPJ	matrix spike dup, rec	12/30/2016	Pesticide	Dicamba	n/a	=	102	%	EPA 515.3	-88	-88	70	130	
2016/17-3	000NONPJ	matrix spike, RPD	12/30/2016	Pesticide	Dicamba	n/a	=	0.7	%	EPA 515.3	-88	-88	0	30	
2016/17-3	000NONPJ	matrix spike	12/30/2016	Pesticide	Dicamba	n/a	=	7.93	µg/L	EPA 515.3	0.12	0.6			
2016/17-3	000NONPJ	matrix spike, rec	12/30/2016	Pesticide	Dicamba	n/a	=	99	%	EPA 515.3	-88	-88	70	130	
2016/17-3	000NONPJ	matrix spike dup	12/30/2016	Pesticide	Dicamba	n/a	=	7.93	µg/L	EPA 515.3	0.12	0.6			
2016/17-3	000NONPJ	matrix spike dup, rec	12/30/2016	Pesticide	Dicamba	n/a	=	99	%	EPA 515.3	-88	-88	70	130	
2016/17-3	000NONPJ	matrix spike, RPD	12/30/2016	Pesticide	Dicamba	n/a	=	0.03	%	EPA 515.3	-88	-88	0	30	
2016/17-3	Lab	method blank	12/30/2016	Pesticide	Dicamba	n/a	<	0.12	µg/L	EPA 515.3	0.12	0.6			
2016/17-3	Lab	LCS	12/30/2016	Pesticide	Dicamba	n/a	=	8.03	µg/L	EPA 515.3	0.12	0.6			
2016/17-3	Lab	LCS, rec	12/30/2016	Pesticide	Dicamba	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	
2016/17-3	000NONPJ	matrix spike	12/30/2016	Pesticide	Dichlorprop	n/a	=	8.45	µg/L	EPA 515.3	0.08	0.3			
2016/17-3	000NONPJ	matrix spike, rec	12/30/2016	Pesticide	Dichlorprop	n/a	=	106	%	EPA 515.3	-88	-88	70	130	
2016/17-3	000NONPJ	matrix spike dup	12/30/2016	Pesticide	Dichlorprop	n/a	=	8.38	µg/L	EPA 515.3	0.08	0.3			
2016/17-3	000NONPJ	matrix spike dup, rec	12/30/2016	Pesticide	Dichlorprop	n/a	=	105	%	EPA 515.3	-88	-88	70	130	
2016/17-3	000NONPJ	matrix spike, RPD	12/30/2016	Pesticide	Dichlorprop	n/a	=	0.8	%	EPA 515.3	-88	-88	0	30	
2016/17-3	000NONPJ	matrix spike	12/30/2016	Pesticide	Dichlorprop	n/a	=	8.89	µg/L	EPA 515.3	0.08	0.3			
2016/17-3	000NONPJ	matrix spike, rec	12/30/2016	Pesticide	Dichlorprop	n/a	=	111	%	EPA 515.3	-88	-88	70	130	
2016/17-3	000NONPJ	matrix spike dup	12/30/2016	Pesticide	Dichlorprop	n/a	=	8.91	µg/L	EPA 515.3	0.08	0.3			
2016/17-3	000NONPJ	matrix spike dup, rec	12/30/2016	Pesticide	Dichlorprop	n/a	=	111	%	EPA 515.3	-88	-88	70	130	
2016/17-3	000NONPJ	matrix spike, RPD	12/30/2016	Pesticide	Dichlorprop	n/a	=	0.2	%	EPA 515.3	-88	-88	0	30	
2016/17-3	Lab	method blank	12/30/2016	Pesticide	Dichlorprop	n/a	<	0.08	µg/L	EPA 515.3	0.08	0.3			
2016/17-3	Lab	LCS	12/30/2016	Pesticide	Dichlorprop	n/a	=	8.24	µg/L	EPA 515.3	0.08	0.3			
2016/17-3	Lab	LCS, rec	12/30/2016	Pesticide	Dichlorprop	n/a	=	103	%	EPA 515.3	-88	-88	70	130	
2016/17-3	000NONPJ	matrix spike	12/22/2016	Pesticide	Dichlorvos	n/a	=	0.0505	µg/L	EPA 525.2m	0.0029	0.01			
2016/17-3	000NONPJ	matrix spike, rec	12/22/2016	Pesticide	Dichlorvos	n/a	=	101	%	EPA 525.2m	-88	-88	42	137	
2016/17-3	000NONPJ	matrix spike dup	12/22/2016	Pesticide	Dichlorvos	n/a	=	0.0425	µg/L	EPA 525.2m	0.0029	0.01			
2016/17-3	000NONPJ	matrix spike dup, rec	12/22/2016	Pesticide	Dichlorvos	n/a	=	85	%	EPA 525.2m	-88	-88	42	137	
2016/17-3	000NONPJ	matrix spike, RPD	12/22/2016	Pesticide	Dichlorvos	n/a	=	17	%	EPA 525.2m	-88	-88	0	30	
2016/17-3	000NONPJ	matrix spike	12/30/2016	Pesticide	Dichlorvos	n/a	=	0.0598	µg/L	EPA 525.2m	0.0029	0.01			
2016/17-3	000NONPJ	matrix spike, rec	12/30/2016	Pesticide	Dichlorvos	n/a	=	120	%	EPA 525.2m	-88	-88	42	137	
2016/17-3	000NONPJ	matrix spike dup	12/30/2016	Pesticide	Dichlorvos	n/a	=	0.063	µg/L	EPA 525.2m	0.0029	0.01			
2016/17-3	000NONPJ	matrix spike dup, rec	12/30/2016	Pesticide	Dichlorvos	n/a	=	126	%	EPA 525.2m	-88	-88	42	137	
2016/17-3	000NONPJ	matrix spike, RPD	12/30/2016	Pesticide	Dichlorvos	n/a	=	5	%	EPA 525.2m	-88	-88	0	30	
2016/17-3	Lab	method blank	12/22/2016	Pesticide	Dichlorvos	n/a	<	0.0029	µg/L	EPA 525.2m	0.0029	0.01			
2016/17-3	Lab	LCS	12/22/2016	Pesticide	Dichlorvos	n/a	=	0.0492	µg/L	EPA 525.2m	0.0029	0.01			
2016/17-3	Lab	LCS, rec	12/22/2016	Pesticide	Dichlorvos	n/a	=	98	%	EPA 525.2m	-88	-88	46	133	
2016/17-3	Lab	method blank	12/30/2016	Pesticide	Dichlorvos	n/a	<	0.0029	µg/L	EPA 525.2m	0.0029	0.01			
2016/17-3	Lab	LCS	12/30/2016	Pesticide	Dichlorvos	n/a	=	0.0497	µg/L	EPA 525.2m	0.0029	0.01			
2016/17-3	Lab	LCS, rec	12/30/2016	Pesticide	Dichlorvos	n/a	=	99	%	EPA 525.2m	-88	-88	46	133	
2016/17-3	000NONPJ	matrix spike	1/7/2017	Pesticide	Dieldrin	n/a	DNQ	0.0576	µg/L	EPA 608	0.021	0.1			
2016/17-3	000NONPJ	matrix spike, rec	1/7/2017	Pesticide	Dieldrin	n/a	=	58	%	EPA 608	-88	-88	27	132	
2016/17-3	000NONPJ	matrix spike dup	1/7/2017	Pesticide	Dieldrin	n/a	DNQ	0.0499	µg/L	EPA 608	0.021	0.1			
2016/17-3	000NONPJ	matrix spike dup, rec	1/7/2017	Pesticide	Dieldrin	n/a	=	50	%	EPA 608	-88	-88	27	132	
2016/17-3	000NONPJ	matrix spike, RPD	1/7/2017	Pesticide	Dieldrin	n/a	=	14	%	EPA 608	-88	-88	0	30	
2016/17-3	Lab	method blank	1/5/2017	Pesticide	Dieldrin	n/a	<	0.0021	µg/L	EPA 608	0.0021	0.01			
2016/17-3	Lab	LCS	1/5/2017	Pesticide	Dieldrin	n/a	=	0.0802	µg/L	EPA 608	0.0021	0.01			
2016/17-3	Lab	LCS, rec	1/5/2017	Pesticide	Dieldrin	n/a	=	80	%	EPA 608	-88	-88	48	123	
2016/17-3	Lab	LCS dup	1/5/2017	Pesticide	Dieldrin	n/a	=	0.0902	µg/L	EPA 608	0.0021	0.01			
2016/17-3	Lab	LCS dup, rec	1/5/2017	Pesticide	Dieldrin	n/a	=	90	%	EPA 608	-88	-88	48	123	
2016/17-3	Lab	LCS, RPD	1/5/2017	Pesticide	Dieldrin	n/a	=	12	%	EPA 608	-88	-88	0	30	
2016/17-3	Lab	method blank	1/6/2017	Pesticide	Dieldrin	n/a	<	0.0021	µg/L	EPA 608	0.0021	0.01			
2016/17-3	Lab	LCS	1/6/2017	Pesticide	Dieldrin	n/a	=	0.0997	µg/L	EPA 608	0.0021	0.01			
2016/17-3	Lab	LCS, rec	1/6/2017	Pesticide	Dieldrin	n/a	=	100	%	EPA 608	-88	-88	48	123	
2016/17-3	Lab	LCS dup	1/6/2017	Pesticide	Dieldrin	n/a	=	0.103	µg/L	EPA 608	0.0021	0.01			
2016/17-3	Lab	LCS dup, rec	1/6/2017	Pesticide	Dieldrin	n/a	=	103	%	EPA 608	-88	-88	48	123	
2016/17-3	Lab	LCS, RPD	1/6/2017	Pesticide	Dieldrin	n/a	=	4	%	EPA 608	-88	-88	0	30	
2016/17-3	000NONPJ	matrix spike	12/22/2016	Pesticide	Dimethoate	n/a	=	0.0301	µg/L	EPA 525.2m	0.0062	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	
2016/17-3	000NONPJ	matrix spike, rec	12/22/2016	Pesticide	Dimethoate	n/a	=	60	%	EPA 525.2m	-88	-88	4	222	
2016/17-3	000NONPJ	matrix spike dup	12/22/2016	Pesticide	Dimethoate	n/a	=	0.0205	µg/L	EPA 525.2m	0.0062	0.01			
2016/17-3	000NONPJ	matrix spike dup, rec	12/22/2016	Pesticide	Dimethoate	n/a	=	41	%	EPA 525.2m	-88	-88	4	222	
2016/17-3	000NONPJ	matrix spike, RPD	12/22/2016	Pesticide	Dimethoate	n/a	=	38	%	EPA 525.2m	-88	-88	0	30	IL
2016/17-3	000NONPJ	matrix spike	12/30/2016	Pesticide	Dimethoate	n/a	=	0.0565	µg/L	EPA 525.2m	0.0062	0.01			
2016/17-3	000NONPJ	matrix spike, rec	12/30/2016	Pesticide	Dimethoate	n/a	=	113	%	EPA 525.2m	-88	-88	4	222	
2016/17-3	000NONPJ	matrix spike dup	12/30/2016	Pesticide	Dimethoate	n/a	=	0.0455	µg/L	EPA 525.2m	0.0062	0.01			
2016/17-3	000NONPJ	matrix spike dup, rec	12/30/2016	Pesticide	Dimethoate	n/a	=	91	%	EPA 525.2m	-88	-88	4	222	
2016/17-3	000NONPJ	matrix spike, RPD	12/30/2016	Pesticide	Dimethoate	n/a	=	22	%	EPA 525.2m	-88	-88	0	30	
2016/17-3	Lab	method blank	12/22/2016	Pesticide	Dimethoate	n/a	<	0.0062	µg/L	EPA 525.2m	0.0062	0.01			
2016/17-3	Lab	LCS	12/22/2016	Pesticide	Dimethoate	n/a	=	0.0301	µg/L	EPA 525.2m	0.0062	0.01			
2016/17-3	Lab	LCS, rec	12/22/2016	Pesticide	Dimethoate	n/a	=	60	%	EPA 525.2m	-88	-88	10	234	
2016/17-3	Lab	method blank	12/27/2016	Pesticide	Dimethoate	n/a	<	0.024	µg/L	EPA 525.2	0.024	0.2			
2016/17-3	Lab	LCS	12/27/2016	Pesticide	Dimethoate	n/a	=	3.05	µg/L	EPA 525.2	0.024	0.2			
2016/17-3	Lab	LCS, rec	12/27/2016	Pesticide	Dimethoate	n/a	=	61	%	EPA 525.2	-88	-88	38	102	
2016/17-3	Lab	LCS dup	12/27/2016	Pesticide	Dimethoate	n/a	=	3.32	µg/L	EPA 525.2	0.024	0.2			
2016/17-3	Lab	LCS dup, rec	12/27/2016	Pesticide	Dimethoate	n/a	=	66	%	EPA 525.2	-88	-88	38	102	
2016/17-3	Lab	LCS, RPD	12/27/2016	Pesticide	Dimethoate	n/a	=	8	%	EPA 525.2	-88	-88	0	30	
2016/17-3	Lab	method blank	12/30/2016	Pesticide	Dimethoate	n/a	<	0.0062	µg/L	EPA 525.2m	0.0062	0.01			
2016/17-3	Lab	LCS	12/30/2016	Pesticide	Dimethoate	n/a	=	0.0195	µg/L	EPA 525.2m	0.0062	0.01			
2016/17-3	Lab	LCS, rec	12/30/2016	Pesticide	Dimethoate	n/a	=	39	%	EPA 525.2m	-88	-88	10	234	
2016/17-3	000NONPJ	matrix spike	12/30/2016	Pesticide	Dinoseb	n/a	=	4.04	µg/L	EPA 515.3	0.14	0.4			
2016/17-3	000NONPJ	matrix spike, rec	12/30/2016	Pesticide	Dinoseb	n/a	=	101	%	EPA 515.3	-88	-88	70	130	
2016/17-3	000NONPJ	matrix spike dup	12/30/2016	Pesticide	Dinoseb	n/a	=	4.08	µg/L	EPA 515.3	0.14	0.4			
2016/17-3	000NONPJ	matrix spike dup, rec	12/30/2016	Pesticide	Dinoseb	n/a	=	102	%	EPA 515.3	-88	-88	70	130	
2016/17-3	000NONPJ	matrix spike, RPD	12/30/2016	Pesticide	Dinoseb	n/a	=	1	%	EPA 515.3	-88	-88	0	30	
2016/17-3	000NONPJ	matrix spike	12/30/2016	Pesticide	Dinoseb	n/a	=	4.8	µg/L	EPA 515.3	0.14	0.4			
2016/17-3	000NONPJ	matrix spike, rec	12/30/2016	Pesticide	Dinoseb	n/a	=	120	%	EPA 515.3	-88	-88	70	130	
2016/17-3	000NONPJ	matrix spike dup	12/30/2016	Pesticide	Dinoseb	n/a	=	4.82	µg/L	EPA 515.3	0.14	0.4			
2016/17-3	000NONPJ	matrix spike dup, rec	12/30/2016	Pesticide	Dinoseb	n/a	=	120	%	EPA 515.3	-88	-88	70	130	
2016/17-3	000NONPJ	matrix spike, RPD	12/30/2016	Pesticide	Dinoseb	n/a	=	0.3	%	EPA 515.3	-88	-88	0	30	
2016/17-3	Lab	method blank	12/30/2016	Pesticide	Dinoseb	n/a	<	0.14	µg/L	EPA 515.3	0.14	0.4			
2016/17-3	Lab	LCS	12/30/2016	Pesticide	Dinoseb	n/a	=	4.08	µg/L	EPA 515.3	0.14	0.4			
2016/17-3	Lab	LCS, rec	12/30/2016	Pesticide	Dinoseb	n/a	=	102	%	EPA 515.3	-88	-88	70	130	
2016/17-3	Lab	method blank	12/27/2016	Pesticide	Diphenamid	n/a	<	0.024	µg/L	EPA 525.2	0.024	0.1			
2016/17-3	Lab	LCS	12/27/2016	Pesticide	Diphenamid	n/a	=	5.2	µg/L	EPA 525.2	0.024	0.1			
2016/17-3	Lab	LCS, rec	12/27/2016	Pesticide	Diphenamid	n/a	=	104	%	EPA 525.2	-88	-88	77	124	
2016/17-3	Lab	LCS dup	12/27/2016	Pesticide	Diphenamid	n/a	=	5.17	µg/L	EPA 525.2	0.024	0.1			
2016/17-3	Lab	LCS dup, rec	12/27/2016	Pesticide	Diphenamid	n/a	=	103	%	EPA 525.2	-88	-88	77	124	
2016/17-3	Lab	LCS, RPD	12/27/2016	Pesticide	Diphenamid	n/a	=	0.6	%	EPA 525.2	-88	-88	0	30	
2016/17-3	000NONPJ	matrix spike	12/22/2016	Pesticide	Disulfoton	n/a	=	0.0411	µg/L	EPA 525.2m	0.01	0.01			
2016/17-3	000NONPJ	matrix spike, rec	12/22/2016	Pesticide	Disulfoton	n/a	=	82	%	EPA 525.2m	-88	-88	12	199	
2016/17-3	000NONPJ	matrix spike dup	12/22/2016	Pesticide	Disulfoton	n/a	=	0.048	µg/L	EPA 525.2m	0.01	0.01			
2016/17-3	000NONPJ	matrix spike dup, rec	12/22/2016	Pesticide	Disulfoton	n/a	=	96	%	EPA 525.2m	-88	-88	12	199	
2016/17-3	000NONPJ	matrix spike, RPD	12/22/2016	Pesticide	Disulfoton	n/a	=	15	%	EPA 525.2m	-88	-88	0	30	
2016/17-3	000NONPJ	matrix spike	12/30/2016	Pesticide	Disulfoton	n/a	=	0.0549	µg/L	EPA 525.2m	0.01	0.01			
2016/17-3	000NONPJ	matrix spike, rec	12/30/2016	Pesticide	Disulfoton	n/a	=	110	%	EPA 525.2m	-88	-88	12	199	

Appendix F
Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2016/17-3	000NONPJ	matrix spike dup	12/30/2016	Pesticide	Disulfoton	n/a	=	0.0588	µg/L	EPA 525.2m	0.01	0.01			
2016/17-3	000NONPJ	matrix spike dup, rec	12/30/2016	Pesticide	Disulfoton	n/a	=	118	%	EPA 525.2m	-88	-88	12	199	
2016/17-3	000NONPJ	matrix spike, RPD	12/30/2016	Pesticide	Disulfoton	n/a	=	7	%	EPA 525.2m	-88	-88	0	30	
2016/17-3	Lab	method blank	12/22/2016	Pesticide	Disulfoton	n/a	<	0.01	µg/L	EPA 525.2m	0.01	0.01			
2016/17-3	Lab	LCS	12/22/2016	Pesticide	Disulfoton	n/a	=	0.028	µg/L	EPA 525.2m	0.01	0.01			
2016/17-3	Lab	LCS, rec	12/22/2016	Pesticide	Disulfoton	n/a	=	56	%	EPA 525.2m	-88	-88	0.1	212	
2016/17-3	Lab	method blank	12/27/2016	Pesticide	Disulfoton	n/a	<	0.031	µg/L	EPA 525.2	0.031	0.1			
2016/17-3	Lab	LCS	12/27/2016	Pesticide	Disulfoton	n/a	=	2.98	µg/L	EPA 525.2	0.031	0.1			
2016/17-3	Lab	LCS, rec	12/27/2016	Pesticide	Disulfoton	n/a	=	60	%	EPA 525.2	-88	-88	54	156	
2016/17-3	Lab	LCS dup	12/27/2016	Pesticide	Disulfoton	n/a	=	3.08	µg/L	EPA 525.2	0.031	0.1			
2016/17-3	Lab	LCS dup, rec	12/27/2016	Pesticide	Disulfoton	n/a	=	62	%	EPA 525.2	-88	-88	54	156	
2016/17-3	Lab	LCS, RPD	12/27/2016	Pesticide	Disulfoton	n/a	=	3	%	EPA 525.2	-88	-88	0	30	
2016/17-3	Lab	method blank	12/30/2016	Pesticide	Disulfoton	n/a	<	0.01	µg/L	EPA 525.2m	0.01	0.01			
2016/17-3	Lab	LCS	12/30/2016	Pesticide	Disulfoton	n/a	=	0.0513	µg/L	EPA 525.2m	0.01	0.01			
2016/17-3	Lab	LCS, rec	12/30/2016	Pesticide	Disulfoton	n/a	=	103	%	EPA 525.2m	-88	-88	0.1	212	
2016/17-3	000NONPJ	matrix spike	1/7/2017	Pesticide	Endosulfan I	n/a	DNQ	0.0437	µg/L	EPA 608	0.017	0.2			
2016/17-3	000NONPJ	matrix spike, rec	1/7/2017	Pesticide	Endosulfan I	n/a	=	44	%	EPA 608	-88	-88	0.1	140	
2016/17-3	000NONPJ	matrix spike dup	1/7/2017	Pesticide	Endosulfan I	n/a	DNQ	0.0378	µg/L	EPA 608	0.017	0.2			
2016/17-3	000NONPJ	matrix spike dup, rec	1/7/2017	Pesticide	Endosulfan I	n/a	=	38	%	EPA 608	-88	-88	0.1	140	
2016/17-3	000NONPJ	matrix spike, RPD	1/7/2017	Pesticide	Endosulfan I	n/a	=	15	%	EPA 608	-88	-88	0	30	
2016/17-3	Lab	method blank	1/5/2017	Pesticide	Endosulfan I	n/a	<	0.0017	µg/L	EPA 608	0.0017	0.02			
2016/17-3	Lab	LCS	1/5/2017	Pesticide	Endosulfan I	n/a	=	0.0777	µg/L	EPA 608	0.0017	0.02			
2016/17-3	Lab	LCS, rec	1/5/2017	Pesticide	Endosulfan I	n/a	=	78	%	EPA 608	-88	-88	14	131	
2016/17-3	Lab	LCS dup	1/5/2017	Pesticide	Endosulfan I	n/a	=	0.0891	µg/L	EPA 608	0.0017	0.02			
2016/17-3	Lab	LCS dup, rec	1/5/2017	Pesticide	Endosulfan I	n/a	=	89	%	EPA 608	-88	-88	14	131	
2016/17-3	Lab	LCS, RPD	1/5/2017	Pesticide	Endosulfan I	n/a	=	14	%	EPA 608	-88	-88	0	30	
2016/17-3	Lab	method blank	1/6/2017	Pesticide	Endosulfan I	n/a	<	0.0017	µg/L	EPA 608	0.0017	0.02			
2016/17-3	Lab	LCS	1/6/2017	Pesticide	Endosulfan I	n/a	=	0.0856	µg/L	EPA 608	0.0017	0.02			
2016/17-3	Lab	LCS, rec	1/6/2017	Pesticide	Endosulfan I	n/a	=	86	%	EPA 608	-88	-88	14	131	
2016/17-3	Lab	LCS dup	1/6/2017	Pesticide	Endosulfan I	n/a	=	0.0872	µg/L	EPA 608	0.0017	0.02			
2016/17-3	Lab	LCS dup, rec	1/6/2017	Pesticide	Endosulfan I	n/a	=	87	%	EPA 608	-88	-88	14	131	
2016/17-3	Lab	LCS, RPD	1/6/2017	Pesticide	Endosulfan I	n/a	=	2	%	EPA 608	-88	-88	0	30	
2016/17-3	000NONPJ	matrix spike	1/7/2017	Pesticide	Endosulfan II	n/a	DNQ	0.0458	µg/L	EPA 608	0.019	0.1			
2016/17-3	000NONPJ	matrix spike, rec	1/7/2017	Pesticide	Endosulfan II	n/a	=	46	%	EPA 608	-88	-88	17	122	
2016/17-3	000NONPJ	matrix spike dup	1/7/2017	Pesticide	Endosulfan II	n/a	DNQ	0.0422	µg/L	EPA 608	0.019	0.1			
2016/17-3	000NONPJ	matrix spike dup, rec	1/7/2017	Pesticide	Endosulfan II	n/a	=	42	%	EPA 608	-88	-88	17	122	
2016/17-3	000NONPJ	matrix spike, RPD	1/7/2017	Pesticide	Endosulfan II	n/a	=	8	%	EPA 608	-88	-88	0	30	
2016/17-3	Lab	method blank	1/5/2017	Pesticide	Endosulfan II	n/a	<	0.0019	µg/L	EPA 608	0.0019	0.01			
2016/17-3	Lab	LCS	1/5/2017	Pesticide	Endosulfan II	n/a	=	0.0574	µg/L	EPA 608	0.0019	0.01			
2016/17-3	Lab	LCS, rec	1/5/2017	Pesticide	Endosulfan II	n/a	=	57	%	EPA 608	-88	-88	40	121	
2016/17-3	Lab	LCS dup	1/5/2017	Pesticide	Endosulfan II	n/a	=	0.0642	µg/L	EPA 608	0.0019	0.01			
2016/17-3	Lab	LCS dup, rec	1/5/2017	Pesticide	Endosulfan II	n/a	=	64	%	EPA 608	-88	-88	40	121	
2016/17-3	Lab	LCS, RPD	1/5/2017	Pesticide	Endosulfan II	n/a	=	11	%	EPA 608	-88	-88	0	30	
2016/17-3	Lab	method blank	1/6/2017	Pesticide	Endosulfan II	n/a	<	0.0019	µg/L	EPA 608	0.0019	0.01			
2016/17-3	Lab	LCS	1/6/2017	Pesticide	Endosulfan II	n/a	=	0.0713	µg/L	EPA 608	0.0019	0.01			
2016/17-3	Lab	LCS, rec	1/6/2017	Pesticide	Endosulfan II	n/a	=	71	%	EPA 608	-88	-88	40	121	
2016/17-3	Lab	LCS dup	1/6/2017	Pesticide	Endosulfan II	n/a	=	0.0769	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	
2016/17-3	Lab	LCS dup, rec	1/6/2017	Pesticide	Endosulfan II	n/a	=	77	%	EPA 608	-88	-88	40	121	
2016/17-3	Lab	LCS, RPD	1/6/2017	Pesticide	Endosulfan II	n/a	=	8	%	EPA 608	-88	-88	0	30	
2016/17-3	000NONPJ	matrix spike	1/7/2017	Pesticide	Endosulfan sulfate	n/a	DNQ	0.0711	µg/L	EPA 608	0	0.5			
2016/17-3	000NONPJ	matrix spike, rec	1/7/2017	Pesticide	Endosulfan sulfate	n/a	=	71	%	EPA 608	-88	-88	37	131	
2016/17-3	000NONPJ	matrix spike dup	1/7/2017	Pesticide	Endosulfan sulfate	n/a	DNQ	0.0574	µg/L	EPA 608	0	0.5			
2016/17-3	000NONPJ	matrix spike dup, rec	1/7/2017	Pesticide	Endosulfan sulfate	n/a	=	57	%	EPA 608	-88	-88	37	131	
2016/17-3	000NONPJ	matrix spike, RPD	1/7/2017	Pesticide	Endosulfan sulfate	n/a	=	21	%	EPA 608	-88	-88	0	30	
2016/17-3	Lab	method blank	1/5/2017	Pesticide	Endosulfan sulfate	n/a	<	0.008	µg/L	EPA 608	0.008	0.05			
2016/17-3	Lab	LCS	1/5/2017	Pesticide	Endosulfan sulfate	n/a	=	0.0716	µg/L	EPA 608	0.008	0.05			
2016/17-3	Lab	LCS, rec	1/5/2017	Pesticide	Endosulfan sulfate	n/a	=	72	%	EPA 608	-88	-88	44	140	
2016/17-3	Lab	LCS dup	1/5/2017	Pesticide	Endosulfan sulfate	n/a	=	0.0827	µg/L	EPA 608	0.008	0.05			
2016/17-3	Lab	LCS dup, rec	1/5/2017	Pesticide	Endosulfan sulfate	n/a	=	83	%	EPA 608	-88	-88	44	140	
2016/17-3	Lab	LCS, RPD	1/5/2017	Pesticide	Endosulfan sulfate	n/a	=	14	%	EPA 608	-88	-88	0	30	
2016/17-3	Lab	method blank	1/6/2017	Pesticide	Endosulfan sulfate	n/a	<	0.008	µg/L	EPA 608	0.008	0.05			
2016/17-3	Lab	LCS	1/6/2017	Pesticide	Endosulfan sulfate	n/a	=	0.091	µg/L	EPA 608	0.008	0.05			
2016/17-3	Lab	LCS, rec	1/6/2017	Pesticide	Endosulfan sulfate	n/a	=	91	%	EPA 608	-88	-88	44	140	
2016/17-3	Lab	LCS dup	1/6/2017	Pesticide	Endosulfan sulfate	n/a	=	0.0959	µg/L	EPA 608	0.008	0.05			
2016/17-3	Lab	LCS dup, rec	1/6/2017	Pesticide	Endosulfan sulfate	n/a	=	96	%	EPA 608	-88	-88	44	140	
2016/17-3	Lab	LCS, RPD	1/6/2017	Pesticide	Endosulfan sulfate	n/a	=	5	%	EPA 608	-88	-88	0	30	
2016/17-3	000NONPJ	matrix spike	1/7/2017	Pesticide	Endrin	n/a	DNQ	0.0815	µg/L	EPA 608	0.028	0.1			
2016/17-3	000NONPJ	matrix spike, rec	1/7/2017	Pesticide	Endrin	n/a	=	81	%	EPA 608	-88	-88	42	144	
2016/17-3	000NONPJ	matrix spike dup	1/7/2017	Pesticide	Endrin	n/a	DNQ	0.0798	µg/L	EPA 608	0.028	0.1			
2016/17-3	000NONPJ	matrix spike dup, rec	1/7/2017	Pesticide	Endrin	n/a	=	80	%	EPA 608	-88	-88	42	144	
2016/17-3	000NONPJ	matrix spike, RPD	1/7/2017	Pesticide	Endrin	n/a	=	2	%	EPA 608	-88	-88	0	30	
2016/17-3	Lab	method blank	1/5/2017	Pesticide	Endrin	n/a	<	0.0028	µg/L	EPA 608	0.0028	0.01			
2016/17-3	Lab	LCS	1/5/2017	Pesticide	Endrin	n/a	=	0.0871	µg/L	EPA 608	0.0028	0.01			
2016/17-3	Lab	LCS, rec	1/5/2017	Pesticide	Endrin	n/a	=	87	%	EPA 608	-88	-88	40	143	
2016/17-3	Lab	LCS dup	1/5/2017	Pesticide	Endrin	n/a	=	0.102	µg/L	EPA 608	0.0028	0.01			
2016/17-3	Lab	LCS dup, rec	1/5/2017	Pesticide	Endrin	n/a	=	102	%	EPA 608	-88	-88	40	143	
2016/17-3	Lab	LCS, RPD	1/5/2017	Pesticide	Endrin	n/a	=	16	%	EPA 608	-88	-88	0	30	
2016/17-3	Lab	method blank	1/6/2017	Pesticide	Endrin	n/a	<	0.0028	µg/L	EPA 608	0.0028	0.01			
2016/17-3	Lab	LCS	1/6/2017	Pesticide	Endrin	n/a	=	0.115	µg/L	EPA 608	0.0028	0.01			
2016/17-3	Lab	LCS, rec	1/6/2017	Pesticide	Endrin	n/a	=	115	%	EPA 608	-88	-88	40	143	
2016/17-3	Lab	LCS dup	1/6/2017	Pesticide	Endrin	n/a	=	0.117	µg/L	EPA 608	0.0028	0.01			
2016/17-3	Lab	LCS dup, rec	1/6/2017	Pesticide	Endrin	n/a	=	117	%	EPA 608	-88	-88	40	143	
2016/17-3	Lab	LCS, RPD	1/6/2017	Pesticide	Endrin	n/a	=	1	%	EPA 608	-88	-88	0	30	
2016/17-3	000NONPJ	matrix spike	1/7/2017	Pesticide	Endrin aldehyde	n/a	DNQ	0.0557	µg/L	EPA 608	0.03	0.1			
2016/17-3	000NONPJ	matrix spike, rec	1/7/2017	Pesticide	Endrin aldehyde	n/a	=	56	%	EPA 608	-88	-88	11	113	
2016/17-3	000NONPJ	matrix spike dup	1/7/2017	Pesticide	Endrin aldehyde	n/a	DNQ	0.0668	µg/L	EPA 608	0.03	0.1			
2016/17-3	000NONPJ	matrix spike dup, rec	1/7/2017	Pesticide	Endrin aldehyde	n/a	=	67	%	EPA 608	-88	-88	11	113	
2016/17-3	000NONPJ	matrix spike, RPD	1/7/2017	Pesticide	Endrin aldehyde	n/a	=	18	%	EPA 608	-88	-88	0	30	
2016/17-3	Lab	method blank	1/5/2017	Pesticide	Endrin aldehyde	n/a	<	0.003	µg/L	EPA 608	0.003	0.01			
2016/17-3	Lab	LCS	1/5/2017	Pesticide	Endrin aldehyde	n/a	=	0.0536	µg/L	EPA 608	0.003	0.01			
2016/17-3	Lab	LCS, rec	1/5/2017	Pesticide	Endrin aldehyde	n/a	=	54	%	EPA 608	-88	-88	18	136	
2016/17-3	Lab	LCS dup	1/5/2017	Pesticide	Endrin aldehyde	n/a	=	0.0754	µg/L	EPA 608	0.003	0.01			
2016/17-3	Lab	LCS dup, rec	1/5/2017	Pesticide	Endrin aldehyde	n/a	=	75	%	EPA 608	-88	-88	18	136	
2016/17-3	Lab	LCS, RPD	1/5/2017	Pesticide	Endrin aldehyde	n/a	=	34	%	EPA 608	-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	
2016/17-3	Lab	method blank	1/6/2017	Pesticide	Endrin aldehyde	n/a	<	0.003	µg/L	EPA 608	0.003	0.01			
2016/17-3	Lab	LCS	1/6/2017	Pesticide	Endrin aldehyde	n/a	=	0.0881	µg/L	EPA 608	0.003	0.01			
2016/17-3	Lab	LCS, rec	1/6/2017	Pesticide	Endrin aldehyde	n/a	=	88	%	EPA 608	-88	-88	18	136	
2016/17-3	Lab	LCS dup	1/6/2017	Pesticide	Endrin aldehyde	n/a	=	0.0867	µg/L	EPA 608	0.003	0.01			
2016/17-3	Lab	LCS dup, rec	1/6/2017	Pesticide	Endrin aldehyde	n/a	=	87	%	EPA 608	-88	-88	18	136	
2016/17-3	Lab	LCS, RPD	1/6/2017	Pesticide	Endrin aldehyde	n/a	=	2	%	EPA 608	-88	-88	0	30	
2016/17-3	Lab	method blank	12/27/2016	Pesticide	EPTC	n/a	<	0.017	µg/L	EPA 525.2	0.017	1			
2016/17-3	Lab	LCS	12/27/2016	Pesticide	EPTC	n/a	=	4.84	µg/L	EPA 525.2	0.017	1			
2016/17-3	Lab	LCS, rec	12/27/2016	Pesticide	EPTC	n/a	=	97	%	EPA 525.2	-88	-88	82	116	
2016/17-3	Lab	LCS dup	12/27/2016	Pesticide	EPTC	n/a	=	4.75	µg/L	EPA 525.2	0.017	1			
2016/17-3	Lab	LCS dup, rec	12/27/2016	Pesticide	EPTC	n/a	=	95	%	EPA 525.2	-88	-88	82	116	
2016/17-3	Lab	LCS, RPD	12/27/2016	Pesticide	EPTC	n/a	=	2	%	EPA 525.2	-88	-88	0	30	
2016/17-3	000NONPJ	matrix spike	12/22/2016	Pesticide	Ethoprop	n/a	=	0.0458	µg/L	EPA 525.2m	0.0067	0.01			
2016/17-3	000NONPJ	matrix spike, rec	12/22/2016	Pesticide	Ethoprop	n/a	=	92	%	EPA 525.2m	-88	-88	51	167	
2016/17-3	000NONPJ	matrix spike dup	12/22/2016	Pesticide	Ethoprop	n/a	=	0.0448	µg/L	EPA 525.2m	0.0067	0.01			
2016/17-3	000NONPJ	matrix spike dup, rec	12/22/2016	Pesticide	Ethoprop	n/a	=	90	%	EPA 525.2m	-88	-88	51	167	
2016/17-3	000NONPJ	matrix spike, RPD	12/22/2016	Pesticide	Ethoprop	n/a	=	2	%	EPA 525.2m	-88	-88	0	30	
2016/17-3	000NONPJ	matrix spike	12/30/2016	Pesticide	Ethoprop	n/a	=	0.0523	µg/L	EPA 525.2m	0.0067	0.01			
2016/17-3	000NONPJ	matrix spike, rec	12/30/2016	Pesticide	Ethoprop	n/a	=	105	%	EPA 525.2m	-88	-88	51	167	
2016/17-3	000NONPJ	matrix spike dup	12/30/2016	Pesticide	Ethoprop	n/a	=	0.0517	µg/L	EPA 525.2m	0.0067	0.01			
2016/17-3	000NONPJ	matrix spike dup, rec	12/30/2016	Pesticide	Ethoprop	n/a	=	103	%	EPA 525.2m	-88	-88	51	167	
2016/17-3	000NONPJ	matrix spike, RPD	12/30/2016	Pesticide	Ethoprop	n/a	=	1	%	EPA 525.2m	-88	-88	0	30	
2016/17-3	Lab	method blank	12/22/2016	Pesticide	Ethoprop	n/a	<	0.0067	µg/L	EPA 525.2m	0.0067	0.01			
2016/17-3	Lab	LCS	12/22/2016	Pesticide	Ethoprop	n/a	=	0.0472	µg/L	EPA 525.2m	0.0067	0.01			
2016/17-3	Lab	LCS, rec	12/22/2016	Pesticide	Ethoprop	n/a	=	94	%	EPA 525.2m	-88	-88	53	163	
2016/17-3	Lab	method blank	12/30/2016	Pesticide	Ethoprop	n/a	<	0.0067	µg/L	EPA 525.2m	0.0067	0.01			
2016/17-3	Lab	LCS	12/30/2016	Pesticide	Ethoprop	n/a	=	0.041	µg/L	EPA 525.2m	0.0067	0.01			
2016/17-3	Lab	LCS, rec	12/30/2016	Pesticide	Ethoprop	n/a	=	82	%	EPA 525.2m	-88	-88	53	163	
2016/17-3	000NONPJ	matrix spike	12/22/2016	Pesticide	Ethyl parathion	n/a	=	0.0599	µg/L	EPA 525.2m	0.0054	0.01			
2016/17-3	000NONPJ	matrix spike, rec	12/22/2016	Pesticide	Ethyl parathion	n/a	=	120	%	EPA 525.2m	-88	-88	5	229	
2016/17-3	000NONPJ	matrix spike dup	12/22/2016	Pesticide	Ethyl parathion	n/a	=	0.0587	µg/L	EPA 525.2m	0.0054	0.01			
2016/17-3	000NONPJ	matrix spike dup, rec	12/22/2016	Pesticide	Ethyl parathion	n/a	=	117	%	EPA 525.2m	-88	-88	5	229	
2016/17-3	000NONPJ	matrix spike, RPD	12/22/2016	Pesticide	Ethyl parathion	n/a	=	2	%	EPA 525.2m	-88	-88	0	30	
2016/17-3	000NONPJ	matrix spike	12/30/2016	Pesticide	Ethyl parathion	n/a	=	0.07	µg/L	EPA 525.2m	0.0054	0.01			
2016/17-3	000NONPJ	matrix spike, rec	12/30/2016	Pesticide	Ethyl parathion	n/a	=	140	%	EPA 525.2m	-88	-88	5	229	
2016/17-3	000NONPJ	matrix spike dup	12/30/2016	Pesticide	Ethyl parathion	n/a	=	0.0727	µg/L	EPA 525.2m	0.0054	0.01			
2016/17-3	000NONPJ	matrix spike dup, rec	12/30/2016	Pesticide	Ethyl parathion	n/a	=	145	%	EPA 525.2m	-88	-88	5	229	
2016/17-3	000NONPJ	matrix spike, RPD	12/30/2016	Pesticide	Ethyl parathion	n/a	=	4	%	EPA 525.2m	-88	-88	0	30	
2016/17-3	Lab	method blank	12/22/2016	Pesticide	Ethyl parathion	n/a	<	0.0054	µg/L	EPA 525.2m	0.0054	0.01			
2016/17-3	Lab	LCS	12/22/2016	Pesticide	Ethyl parathion	n/a	=	0.0568	µg/L	EPA 525.2m	0.0054	0.01			
2016/17-3	Lab	LCS, rec	12/22/2016	Pesticide	Ethyl parathion	n/a	=	114	%	EPA 525.2m	-88	-88	7	230	
2016/17-3	Lab	method blank	12/30/2016	Pesticide	Ethyl parathion	n/a	<	0.0054	µg/L	EPA 525.2m	0.0054	0.01			
2016/17-3	Lab	LCS	12/30/2016	Pesticide	Ethyl parathion	n/a	=	0.0599	µg/L	EPA 525.2m	0.0054	0.01			
2016/17-3	Lab	LCS, rec	12/30/2016	Pesticide	Ethyl parathion	n/a	=	120	%	EPA 525.2m	-88	-88	7	230	
2016/17-3	000NONPJ	matrix spike	12/22/2016	Pesticide	Fensulfothion	n/a	=	0.0334	µg/L	EPA 525.2m	0.0029	0.01			
2016/17-3	000NONPJ	matrix spike, rec	12/22/2016	Pesticide	Fensulfothion	n/a	=	67	%	EPA 525.2m	-88	-88	0.1	316	
2016/17-3	000NONPJ	matrix spike dup	12/22/2016	Pesticide	Fensulfothion	n/a	=	0.0322	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	
2016/17-3	000NONPJ	matrix spike dup, rec	12/22/2016	Pesticide	Fensulfothion	n/a	=	64	%	EPA 525.2m	-88	-88	0.1	316	
2016/17-3	000NONPJ	matrix spike, RPD	12/22/2016	Pesticide	Fensulfothion	n/a	=	3	%	EPA 525.2m	-88	-88	0	30	
2016/17-3	000NONPJ	matrix spike	12/30/2016	Pesticide	Fensulfothion	n/a	=	0.0391	µg/L	EPA 525.2m	0.0029	0.01			
2016/17-3	000NONPJ	matrix spike, rec	12/30/2016	Pesticide	Fensulfothion	n/a	=	78	%	EPA 525.2m	-88	-88	0.1	316	
2016/17-3	000NONPJ	matrix spike dup	12/30/2016	Pesticide	Fensulfothion	n/a	=	0.0467	µg/L	EPA 525.2m	0.0029	0.01			
2016/17-3	000NONPJ	matrix spike dup, rec	12/30/2016	Pesticide	Fensulfothion	n/a	=	93	%	EPA 525.2m	-88	-88	0.1	316	
2016/17-3	000NONPJ	matrix spike, RPD	12/30/2016	Pesticide	Fensulfothion	n/a	=	18	%	EPA 525.2m	-88	-88	0	30	
2016/17-3	Lab	method blank	12/22/2016	Pesticide	Fensulfothion	n/a	<	0.0029	µg/L	EPA 525.2m	0.0029	0.01			
2016/17-3	Lab	LCS	12/22/2016	Pesticide	Fensulfothion	n/a	=	0.0341	µg/L	EPA 525.2m	0.0029	0.01			
2016/17-3	Lab	LCS, rec	12/22/2016	Pesticide	Fensulfothion	n/a	=	68	%	EPA 525.2m	-88	-88	0.1	265	
2016/17-3	Lab	method blank	12/30/2016	Pesticide	Fensulfothion	n/a	<	0.0029	µg/L	EPA 525.2m	0.0029	0.01			
2016/17-3	Lab	LCS	12/30/2016	Pesticide	Fensulfothion	n/a	=	0.0242	µg/L	EPA 525.2m	0.0029	0.01			
2016/17-3	Lab	LCS, rec	12/30/2016	Pesticide	Fensulfothion	n/a	=	48	%	EPA 525.2m	-88	-88	0.1	265	
2016/17-3	000NONPJ	matrix spike	12/22/2016	Pesticide	Fenthion	n/a	=	0.0399	µg/L	EPA 525.2m	0.0038	0.01			
2016/17-3	000NONPJ	matrix spike, rec	12/22/2016	Pesticide	Fenthion	n/a	=	80	%	EPA 525.2m	-88	-88	23	169	
2016/17-3	000NONPJ	matrix spike dup	12/22/2016	Pesticide	Fenthion	n/a	=	0.0478	µg/L	EPA 525.2m	0.0038	0.01			
2016/17-3	000NONPJ	matrix spike dup, rec	12/22/2016	Pesticide	Fenthion	n/a	=	96	%	EPA 525.2m	-88	-88	23	169	
2016/17-3	000NONPJ	matrix spike, RPD	12/22/2016	Pesticide	Fenthion	n/a	=	18	%	EPA 525.2m	-88	-88	0	30	
2016/17-3	000NONPJ	matrix spike	12/30/2016	Pesticide	Fenthion	n/a	=	0.0539	µg/L	EPA 525.2m	0.0038	0.01			
2016/17-3	000NONPJ	matrix spike, rec	12/30/2016	Pesticide	Fenthion	n/a	=	108	%	EPA 525.2m	-88	-88	23	169	
2016/17-3	000NONPJ	matrix spike dup	12/30/2016	Pesticide	Fenthion	n/a	=	0.056	µg/L	EPA 525.2m	0.0038	0.01			
2016/17-3	000NONPJ	matrix spike dup, rec	12/30/2016	Pesticide	Fenthion	n/a	=	112	%	EPA 525.2m	-88	-88	23	169	
2016/17-3	000NONPJ	matrix spike, RPD	12/30/2016	Pesticide	Fenthion	n/a	=	4	%	EPA 525.2m	-88	-88	0	30	
2016/17-3	Lab	method blank	12/22/2016	Pesticide	Fenthion	n/a	<	0.0038	µg/L	EPA 525.2m	0.0038	0.01			
2016/17-3	Lab	LCS	12/22/2016	Pesticide	Fenthion	n/a	=	0.0312	µg/L	EPA 525.2m	0.0038	0.01			
2016/17-3	Lab	LCS, rec	12/22/2016	Pesticide	Fenthion	n/a	=	62	%	EPA 525.2m	-88	-88	20	177	
2016/17-3	Lab	method blank	12/30/2016	Pesticide	Fenthion	n/a	<	0.0038	µg/L	EPA 525.2m	0.0038	0.01			
2016/17-3	Lab	LCS	12/30/2016	Pesticide	Fenthion	n/a	=	0.0458	µg/L	EPA 525.2m	0.0038	0.01			
2016/17-3	Lab	LCS, rec	12/30/2016	Pesticide	Fenthion	n/a	=	92	%	EPA 525.2m	-88	-88	20	177	
2016/17-3	000NONPJ	matrix spike	1/7/2017	Pesticide	gamma-BHC (Lindane)	n/a	DNQ	0.0678	µg/L	EPA 608	0.021	0.2			
2016/17-3	000NONPJ	matrix spike, rec	1/7/2017	Pesticide	gamma-BHC (Lindane)	n/a	=	68	%	EPA 608	-88	-88	33	112	
2016/17-3	000NONPJ	matrix spike dup	1/7/2017	Pesticide	gamma-BHC (Lindane)	n/a	DNQ	0.0603	µg/L	EPA 608	0.021	0.2			
2016/17-3	000NONPJ	matrix spike dup, rec	1/7/2017	Pesticide	gamma-BHC (Lindane)	n/a	=	60	%	EPA 608	-88	-88	33	112	
2016/17-3	000NONPJ	matrix spike, RPD	1/7/2017	Pesticide	gamma-BHC (Lindane)	n/a	=	12	%	EPA 608	-88	-88	0	30	
2016/17-3	Lab	method blank	1/5/2017	Pesticide	gamma-BHC (Lindane)	n/a	<	0.0021	µg/L	EPA 608	0.0021	0.02			
2016/17-3	Lab	LCS	1/5/2017	Pesticide	gamma-BHC (Lindane)	n/a	=	0.08	µg/L	EPA 608	0.0021	0.02			
2016/17-3	Lab	LCS, rec	1/5/2017	Pesticide	gamma-BHC (Lindane)	n/a	=	80	%	EPA 608	-88	-88	49	117	
2016/17-3	Lab	LCS dup	1/5/2017	Pesticide	gamma-BHC (Lindane)	n/a	=	0.0824	µg/L	EPA 608	0.0021	0.02			
2016/17-3	Lab	LCS dup, rec	1/5/2017	Pesticide	gamma-BHC (Lindane)	n/a	=	82	%	EPA 608	-88	-88	49	117	
2016/17-3	Lab	LCS, RPD	1/5/2017	Pesticide	gamma-BHC (Lindane)	n/a	=	3	%	EPA 608	-88	-88	0	30	
2016/17-3	Lab	method blank	1/6/2017	Pesticide	gamma-BHC (Lindane)	n/a	<	0.0021	µg/L	EPA 608	0.0021	0.02			
2016/17-3	Lab	LCS	1/6/2017	Pesticide	gamma-BHC (Lindane)	n/a	=	0.0911	µg/L	EPA 608	0.0021	0.02			
2016/17-3	Lab	LCS, rec	1/6/2017	Pesticide	gamma-BHC (Lindane)	n/a	=	91	%	EPA 608	-88	-88	49	117	
2016/17-3	Lab	LCS dup	1/6/2017	Pesticide	gamma-BHC (Lindane)	n/a	=	0.098	µg/L	EPA 608	0.0021	0.02			
2016/17-3	Lab	LCS dup, rec	1/6/2017	Pesticide	gamma-BHC (Lindane)	n/a	=	98	%	EPA 608	-88	-88	49	117	
2016/17-3	Lab	LCS, RPD	1/6/2017	Pesticide	gamma-BHC (Lindane)	n/a	=	7	%	EPA 608	-88	-88	0	30	
2016/17-3	Lab	method blank	1/5/2017	Pesticide	gamma-Chlordane	n/a	<	0.0044	µg/L	EPA 608	0.0044	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	
2016/17-3	Lab	method blank	1/6/2017	Pesticide	gamma-Chlordane	n/a	<	0.0044	µg/L	EPA 608	0.0044	0.01			
2016/17-3	000NONPJ	matrix spike	12/21/2016	Pesticide	Glyphosate	n/a	=	27.1	µg/L	EPA 547	1.8	5			
2016/17-3	000NONPJ	matrix spike, rec	12/21/2016	Pesticide	Glyphosate	n/a	=	92	%	EPA 547	-88	-88	41	149	
2016/17-3	000NONPJ	matrix spike dup	12/21/2016	Pesticide	Glyphosate	n/a	=	24.7	µg/L	EPA 547	1.8	5			
2016/17-3	000NONPJ	matrix spike dup, rec	12/21/2016	Pesticide	Glyphosate	n/a	=	82	%	EPA 547	-88	-88	41	149	
2016/17-3	000NONPJ	matrix spike, RPD	12/21/2016	Pesticide	Glyphosate	n/a	=	10	%	EPA 547	-88	-88	0	30	
2016/17-3	Lab	method blank	12/21/2016	Pesticide	Glyphosate	n/a	<	1.8	µg/L	EPA 547	1.8	5			
2016/17-3	Lab	LCS	12/21/2016	Pesticide	Glyphosate	n/a	=	20.8	µg/L	EPA 547	1.8	5			
2016/17-3	Lab	LCS, rec	12/21/2016	Pesticide	Glyphosate	n/a	=	83	%	EPA 547	-88	-88	62	130	
2016/17-3	Lab	method blank	12/23/2016	Pesticide	Glyphosate	n/a	<	1.8	µg/L	EPA 547	1.8	5			
2016/17-3	Lab	LCS	12/23/2016	Pesticide	Glyphosate	n/a	=	29.3	µg/L	EPA 547	1.8	5			
2016/17-3	Lab	LCS, rec	12/23/2016	Pesticide	Glyphosate	n/a	=	117	%	EPA 547	-88	-88	62	130	
2016/17-3	ME-CC	matrix spike	12/21/2016	Pesticide	Glyphosate	n/a	=	29.9	µg/L	EPA 547	1.8	5			
2016/17-3	ME-CC	matrix spike, rec	12/21/2016	Pesticide	Glyphosate	n/a	=	82	%	EPA 547	-88	-88	41	149	
2016/17-3	ME-CC	matrix spike dup	12/21/2016	Pesticide	Glyphosate	n/a	=	31.2	µg/L	EPA 547	1.8	5			
2016/17-3	ME-CC	matrix spike dup, rec	12/21/2016	Pesticide	Glyphosate	n/a	=	88	%	EPA 547	-88	-88	41	149	
2016/17-3	ME-CC	matrix spike, RPD	12/21/2016	Pesticide	Glyphosate	n/a	=	4	%	EPA 547	-88	-88	0	30	
2016/17-3	000NONPJ	matrix spike	1/7/2017	Pesticide	Heptachlor	n/a	DNQ	0.0568	µg/L	EPA 608	0.017	0.1			
2016/17-3	000NONPJ	matrix spike, rec	1/7/2017	Pesticide	Heptachlor	n/a	=	57	%	EPA 608	-88	-88	28	131	
2016/17-3	000NONPJ	matrix spike dup	1/7/2017	Pesticide	Heptachlor	n/a	DNQ	0.0529	µg/L	EPA 608	0.017	0.1			
2016/17-3	000NONPJ	matrix spike dup, rec	1/7/2017	Pesticide	Heptachlor	n/a	=	53	%	EPA 608	-88	-88	28	131	
2016/17-3	000NONPJ	matrix spike, RPD	1/7/2017	Pesticide	Heptachlor	n/a	=	7	%	EPA 608	-88	-88	0	30	
2016/17-3	Lab	method blank	1/5/2017	Pesticide	Heptachlor	n/a	<	0.0017	µg/L	EPA 608	0.0017	0.01			
2016/17-3	Lab	LCS	1/5/2017	Pesticide	Heptachlor	n/a	=	0.0896	µg/L	EPA 608	0.0017	0.01			
2016/17-3	Lab	LCS, rec	1/5/2017	Pesticide	Heptachlor	n/a	=	90	%	EPA 608	-88	-88	31	130	
2016/17-3	Lab	LCS dup	1/5/2017	Pesticide	Heptachlor	n/a	=	0.0898	µg/L	EPA 608	0.0017	0.01			
2016/17-3	Lab	LCS dup, rec	1/5/2017	Pesticide	Heptachlor	n/a	=	90	%	EPA 608	-88	-88	31	130	
2016/17-3	Lab	LCS, RPD	1/5/2017	Pesticide	Heptachlor	n/a	=	0.3	%	EPA 608	-88	-88	0	30	
2016/17-3	Lab	method blank	1/6/2017	Pesticide	Heptachlor	n/a	<	0.0017	µg/L	EPA 608	0.0017	0.01			
2016/17-3	Lab	LCS	1/6/2017	Pesticide	Heptachlor	n/a	=	0.102	µg/L	EPA 608	0.0017	0.01			
2016/17-3	Lab	LCS, rec	1/6/2017	Pesticide	Heptachlor	n/a	=	102	%	EPA 608	-88	-88	31	130	
2016/17-3	Lab	LCS dup	1/6/2017	Pesticide	Heptachlor	n/a	=	0.11	µg/L	EPA 608	0.0017	0.01			
2016/17-3	Lab	LCS dup, rec	1/6/2017	Pesticide	Heptachlor	n/a	=	110	%	EPA 608	-88	-88	31	130	
2016/17-3	Lab	LCS, RPD	1/6/2017	Pesticide	Heptachlor	n/a	=	7	%	EPA 608	-88	-88	0	30	
2016/17-3	000NONPJ	matrix spike	1/7/2017	Pesticide	Heptachlor epoxide	n/a	DNQ	0.0548	µg/L	EPA 608	0.019	0.1			
2016/17-3	000NONPJ	matrix spike, rec	1/7/2017	Pesticide	Heptachlor epoxide	n/a	=	55	%	EPA 608	-88	-88	36	117	
2016/17-3	000NONPJ	matrix spike dup	1/7/2017	Pesticide	Heptachlor epoxide	n/a	DNQ	0.0495	µg/L	EPA 608	0.019	0.1			
2016/17-3	000NONPJ	matrix spike dup, rec	1/7/2017	Pesticide	Heptachlor epoxide	n/a	=	49	%	EPA 608	-88	-88	36	117	
2016/17-3	000NONPJ	matrix spike, RPD	1/7/2017	Pesticide	Heptachlor epoxide	n/a	=	10	%	EPA 608	-88	-88	0	30	
2016/17-3	Lab	method blank	1/5/2017	Pesticide	Heptachlor epoxide	n/a	<	0.0019	µg/L	EPA 608	0.0019	0.01			
2016/17-3	Lab	LCS	1/5/2017	Pesticide	Heptachlor epoxide	n/a	=	0.0837	µg/L	EPA 608	0.0019	0.01			
2016/17-3	Lab	LCS, rec	1/5/2017	Pesticide	Heptachlor epoxide	n/a	=	84	%	EPA 608	-88	-88	49	122	
2016/17-3	Lab	LCS dup	1/5/2017	Pesticide	Heptachlor epoxide	n/a	=	0.09	µg/L	EPA 608	0.0019	0.01			
2016/17-3	Lab	LCS dup, rec	1/5/2017	Pesticide	Heptachlor epoxide	n/a	=	90	%	EPA 608	-88	-88	49	122	
2016/17-3	Lab	LCS, RPD	1/5/2017	Pesticide	Heptachlor epoxide	n/a	=	7	%	EPA 608	-88	-88	0	30	
2016/17-3	Lab	method blank	1/6/2017	Pesticide	Heptachlor epoxide	n/a	<	0.0019	µg/L	EPA 608	0.0019	0.01			
2016/17-3	Lab	LCS	1/6/2017	Pesticide	Heptachlor epoxide	n/a	=	0.106	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	
2016/17-3	Lab	LCS, rec	1/6/2017	Pesticide	Heptachlor epoxide	n/a	=	106	%	EPA 608	-88	-88	49	122	
2016/17-3	Lab	LCS dup	1/6/2017	Pesticide	Heptachlor epoxide	n/a	=	0.107	µg/L	EPA 608	0.0019	0.01			
2016/17-3	Lab	LCS dup, rec	1/6/2017	Pesticide	Heptachlor epoxide	n/a	=	107	%	EPA 608	-88	-88	49	122	
2016/17-3	Lab	LCS, RPD	1/6/2017	Pesticide	Heptachlor epoxide	n/a	=	0.7	%	EPA 608	-88	-88	0	30	
2016/17-3	000NONPJ	matrix spike	12/22/2016	Pesticide	Malathion	n/a	=	0.0589	µg/L	EPA 525.2m	0.0076	0.01			
2016/17-3	000NONPJ	matrix spike, rec	12/22/2016	Pesticide	Malathion	n/a	=	118	%	EPA 525.2m	-88	-88	6	184	
2016/17-3	000NONPJ	matrix spike dup	12/22/2016	Pesticide	Malathion	n/a	=	0.0592	µg/L	EPA 525.2m	0.0076	0.01			
2016/17-3	000NONPJ	matrix spike dup, rec	12/22/2016	Pesticide	Malathion	n/a	=	118	%	EPA 525.2m	-88	-88	6	184	
2016/17-3	000NONPJ	matrix spike, RPD	12/22/2016	Pesticide	Malathion	n/a	=	0.5	%	EPA 525.2m	-88	-88	0	30	
2016/17-3	000NONPJ	matrix spike	12/30/2016	Pesticide	Malathion	n/a	=	0.0756	µg/L	EPA 525.2m	0.0076	0.01			
2016/17-3	000NONPJ	matrix spike, rec	12/30/2016	Pesticide	Malathion	n/a	=	151	%	EPA 525.2m	-88	-88	6	184	
2016/17-3	000NONPJ	matrix spike dup	12/30/2016	Pesticide	Malathion	n/a	=	0.0787	µg/L	EPA 525.2m	0.0076	0.01			
2016/17-3	000NONPJ	matrix spike dup, rec	12/30/2016	Pesticide	Malathion	n/a	=	157	%	EPA 525.2m	-88	-88	6	184	
2016/17-3	000NONPJ	matrix spike, RPD	12/30/2016	Pesticide	Malathion	n/a	=	4	%	EPA 525.2m	-88	-88	0	30	
2016/17-3	Lab	method blank	12/22/2016	Pesticide	Malathion	n/a	<	0.0076	µg/L	EPA 525.2m	0.0076	0.01			
2016/17-3	Lab	LCS	12/22/2016	Pesticide	Malathion	n/a	=	0.0575	µg/L	EPA 525.2m	0.0076	0.01			
2016/17-3	Lab	LCS, rec	12/22/2016	Pesticide	Malathion	n/a	=	115	%	EPA 525.2m	-88	-88	14	175	
2016/17-3	Lab	method blank	12/30/2016	Pesticide	Malathion	n/a	<	0.0076	µg/L	EPA 525.2m	0.0076	0.01			
2016/17-3	Lab	LCS	12/30/2016	Pesticide	Malathion	n/a	=	0.0549	µg/L	EPA 525.2m	0.0076	0.01			
2016/17-3	Lab	LCS, rec	12/30/2016	Pesticide	Malathion	n/a	=	110	%	EPA 525.2m	-88	-88	14	175	
2016/17-3	000NONPJ	matrix spike	12/22/2016	Pesticide	Merphos	n/a	=	0.037	µg/L	EPA 525.2m	0.0058	0.01			
2016/17-3	000NONPJ	matrix spike, rec	12/22/2016	Pesticide	Merphos	n/a	=	74	%	EPA 525.2m	-88	-88	3	210	
2016/17-3	000NONPJ	matrix spike dup	12/22/2016	Pesticide	Merphos	n/a	=	0.0398	µg/L	EPA 525.2m	0.0058	0.01			
2016/17-3	000NONPJ	matrix spike dup, rec	12/22/2016	Pesticide	Merphos	n/a	=	80	%	EPA 525.2m	-88	-88	3	210	
2016/17-3	000NONPJ	matrix spike, RPD	12/22/2016	Pesticide	Merphos	n/a	=	7	%	EPA 525.2m	-88	-88	0	30	
2016/17-3	000NONPJ	matrix spike	12/30/2016	Pesticide	Merphos	n/a	=	0.0492	µg/L	EPA 525.2m	0.0058	0.01			
2016/17-3	000NONPJ	matrix spike, rec	12/30/2016	Pesticide	Merphos	n/a	=	98	%	EPA 525.2m	-88	-88	3	210	
2016/17-3	000NONPJ	matrix spike dup	12/30/2016	Pesticide	Merphos	n/a	=	0.0549	µg/L	EPA 525.2m	0.0058	0.01			
2016/17-3	000NONPJ	matrix spike dup, rec	12/30/2016	Pesticide	Merphos	n/a	=	110	%	EPA 525.2m	-88	-88	3	210	
2016/17-3	000NONPJ	matrix spike, RPD	12/30/2016	Pesticide	Merphos	n/a	=	11	%	EPA 525.2m	-88	-88	0	30	
2016/17-3	Lab	method blank	12/22/2016	Pesticide	Merphos	n/a	<	0.0058	µg/L	EPA 525.2m	0.0058	0.01			
2016/17-3	Lab	LCS	12/22/2016	Pesticide	Merphos	n/a	=	0.0532	µg/L	EPA 525.2m	0.0058	0.01			
2016/17-3	Lab	LCS, rec	12/22/2016	Pesticide	Merphos	n/a	=	106	%	EPA 525.2m	-88	-88	28	181	
2016/17-3	Lab	method blank	12/30/2016	Pesticide	Merphos	n/a	<	0.0058	µg/L	EPA 525.2m	0.0058	0.01			
2016/17-3	Lab	LCS	12/30/2016	Pesticide	Merphos	n/a	=	0.0453	µg/L	EPA 525.2m	0.0058	0.01			
2016/17-3	Lab	LCS, rec	12/30/2016	Pesticide	Merphos	n/a	=	91	%	EPA 525.2m	-88	-88	28	181	
2016/17-3	Lab	method blank	1/5/2017	Pesticide	Methoxychlor	n/a	<	0.0054	µg/L	EPA 608	0.0054	0.02			
2016/17-3	Lab	method blank	1/6/2017	Pesticide	Methoxychlor	n/a	<	0.0054	µg/L	EPA 608	0.0054	0.02			
2016/17-3	000NONPJ	matrix spike	12/22/2016	Pesticide	Methyl parathion	n/a	=	0.0562	µg/L	EPA 525.2m	0.0063	0.01			
2016/17-3	000NONPJ	matrix spike, rec	12/22/2016	Pesticide	Methyl parathion	n/a	=	112	%	EPA 525.2m	-88	-88	0.1	249	
2016/17-3	000NONPJ	matrix spike dup	12/22/2016	Pesticide	Methyl parathion	n/a	=	0.0506	µg/L	EPA 525.2m	0.0063	0.01			
2016/17-3	000NONPJ	matrix spike dup, rec	12/22/2016	Pesticide	Methyl parathion	n/a	=	101	%	EPA 525.2m	-88	-88	0.1	249	
2016/17-3	000NONPJ	matrix spike, RPD	12/22/2016	Pesticide	Methyl parathion	n/a	=	10	%	EPA 525.2m	-88	-88	0	30	
2016/17-3	000NONPJ	matrix spike	12/30/2016	Pesticide	Methyl parathion	n/a	=	0.0682	µg/L	EPA 525.2m	0.0063	0.01			
2016/17-3	000NONPJ	matrix spike, rec	12/30/2016	Pesticide	Methyl parathion	n/a	=	136	%	EPA 525.2m	-88	-88	0.1	249	
2016/17-3	000NONPJ	matrix spike dup	12/30/2016	Pesticide	Methyl parathion	n/a	=	0.0743	µg/L	EPA 525.2m	0.0063	0.01			
2016/17-3	000NONPJ	matrix spike dup, rec	12/30/2016	Pesticide	Methyl parathion	n/a	=	149	%	EPA 525.2m	-88	-88	0.1	249	

Appendix F
Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2016/17-3	000NONPJ	matrix spike, RPD	12/30/2016	Pesticide	Methyl parathion	n/a	=	9	%	EPA 525.2m	-88	-88	0	30	
2016/17-3	Lab	method blank	12/22/2016	Pesticide	Methyl parathion	n/a	<	0.0063	µg/L	EPA 525.2m	0.0063	0.01			
2016/17-3	Lab	LCS	12/22/2016	Pesticide	Methyl parathion	n/a	=	0.0552	µg/L	EPA 525.2m	0.0063	0.01			
2016/17-3	Lab	LCS, rec	12/22/2016	Pesticide	Methyl parathion	n/a	=	110	%	EPA 525.2m	-88	-88	0.1	252	
2016/17-3	Lab	method blank	12/30/2016	Pesticide	Methyl parathion	n/a	<	0.0063	µg/L	EPA 525.2m	0.0063	0.01			
2016/17-3	Lab	LCS	12/30/2016	Pesticide	Methyl parathion	n/a	=	0.0519	µg/L	EPA 525.2m	0.0063	0.01			
2016/17-3	Lab	LCS, rec	12/30/2016	Pesticide	Methyl parathion	n/a	=	104	%	EPA 525.2m	-88	-88	0.1	252	
2016/17-3	Lab	method blank	12/27/2016	Pesticide	Metolachlor	n/a	<	0.012	µg/L	EPA 525.2	0.012	0.1			
2016/17-3	Lab	LCS	12/27/2016	Pesticide	Metolachlor	n/a	=	4.82	µg/L	EPA 525.2	0.012	0.1			
2016/17-3	Lab	LCS, rec	12/27/2016	Pesticide	Metolachlor	n/a	=	96	%	EPA 525.2	-88	-88	61	123	
2016/17-3	Lab	LCS dup	12/27/2016	Pesticide	Metolachlor	n/a	=	4.47	µg/L	EPA 525.2	0.012	0.1			
2016/17-3	Lab	LCS dup, rec	12/27/2016	Pesticide	Metolachlor	n/a	=	89	%	EPA 525.2	-88	-88	61	123	
2016/17-3	Lab	LCS, RPD	12/27/2016	Pesticide	Metolachlor	n/a	=	8	%	EPA 525.2	-88	-88	0	30	
2016/17-3	Lab	method blank	12/27/2016	Pesticide	Metribuzin	n/a	<	0.015	µg/L	EPA 525.2	0.015	0.1			
2016/17-3	Lab	LCS	12/27/2016	Pesticide	Metribuzin	n/a	=	3.88	µg/L	EPA 525.2	0.015	0.1			
2016/17-3	Lab	LCS, rec	12/27/2016	Pesticide	Metribuzin	n/a	=	78	%	EPA 525.2	-88	-88	50	121	
2016/17-3	Lab	LCS dup	12/27/2016	Pesticide	Metribuzin	n/a	=	4.31	µg/L	EPA 525.2	0.015	0.1			
2016/17-3	Lab	LCS dup, rec	12/27/2016	Pesticide	Metribuzin	n/a	=	86	%	EPA 525.2	-88	-88	50	121	
2016/17-3	Lab	LCS, RPD	12/27/2016	Pesticide	Metribuzin	n/a	=	11	%	EPA 525.2	-88	-88	0	30	
2016/17-3	000NONPJ	matrix spike	12/22/2016	Pesticide	Mevinphos	n/a	=	0.036	µg/L	EPA 525.2m	0.0042	0.01			
2016/17-3	000NONPJ	matrix spike, rec	12/22/2016	Pesticide	Mevinphos	n/a	=	72	%	EPA 525.2m	-88	-88	25	189	
2016/17-3	000NONPJ	matrix spike dup	12/22/2016	Pesticide	Mevinphos	n/a	=	0.0292	µg/L	EPA 525.2m	0.0042	0.01			
2016/17-3	000NONPJ	matrix spike dup, rec	12/22/2016	Pesticide	Mevinphos	n/a	=	58	%	EPA 525.2m	-88	-88	25	189	
2016/17-3	000NONPJ	matrix spike, RPD	12/22/2016	Pesticide	Mevinphos	n/a	=	21	%	EPA 525.2m	-88	-88	0	30	
2016/17-3	000NONPJ	matrix spike	12/30/2016	Pesticide	Mevinphos	n/a	=	0.0488	µg/L	EPA 525.2m	0.0042	0.01			
2016/17-3	000NONPJ	matrix spike, rec	12/30/2016	Pesticide	Mevinphos	n/a	=	98	%	EPA 525.2m	-88	-88	25	189	
2016/17-3	000NONPJ	matrix spike dup	12/30/2016	Pesticide	Mevinphos	n/a	=	0.0496	µg/L	EPA 525.2m	0.0042	0.01			
2016/17-3	000NONPJ	matrix spike dup, rec	12/30/2016	Pesticide	Mevinphos	n/a	=	99	%	EPA 525.2m	-88	-88	25	189	
2016/17-3	000NONPJ	matrix spike, RPD	12/30/2016	Pesticide	Mevinphos	n/a	=	2	%	EPA 525.2m	-88	-88	0	30	
2016/17-3	Lab	method blank	12/22/2016	Pesticide	Mevinphos	n/a	<	0.0042	µg/L	EPA 525.2m	0.0042	0.01			
2016/17-3	Lab	LCS	12/22/2016	Pesticide	Mevinphos	n/a	=	0.0363	µg/L	EPA 525.2m	0.0042	0.01			
2016/17-3	Lab	LCS, rec	12/22/2016	Pesticide	Mevinphos	n/a	=	73	%	EPA 525.2m	-88	-88	14	202	
2016/17-3	Lab	method blank	12/30/2016	Pesticide	Mevinphos	n/a	<	0.0042	µg/L	EPA 525.2m	0.0042	0.01			
2016/17-3	Lab	LCS	12/30/2016	Pesticide	Mevinphos	n/a	=	0.0243	µg/L	EPA 525.2m	0.0042	0.01			
2016/17-3	Lab	LCS, rec	12/30/2016	Pesticide	Mevinphos	n/a	=	49	%	EPA 525.2m	-88	-88	14	202	
2016/17-3	Lab	method blank	12/27/2016	Pesticide	Molinate	n/a	<	0.039	µg/L	EPA 525.2	0.039	0.1			
2016/17-3	Lab	LCS	12/27/2016	Pesticide	Molinate	n/a	=	4.77	µg/L	EPA 525.2	0.039	0.1			
2016/17-3	Lab	LCS, rec	12/27/2016	Pesticide	Molinate	n/a	=	95	%	EPA 525.2	-88	-88	82	117	
2016/17-3	Lab	LCS dup	12/27/2016	Pesticide	Molinate	n/a	=	4.67	µg/L	EPA 525.2	0.039	0.1			
2016/17-3	Lab	LCS dup, rec	12/27/2016	Pesticide	Molinate	n/a	=	93	%	EPA 525.2	-88	-88	82	117	
2016/17-3	Lab	LCS, RPD	12/27/2016	Pesticide	Molinate	n/a	=	2	%	EPA 525.2	-88	-88	0	30	
2016/17-3	000NONPJ	matrix spike	12/22/2016	Pesticide	Naled	n/a	=	0.0346	µg/L	EPA 525.2m	0.0076	0.01			
2016/17-3	000NONPJ	matrix spike, rec	12/22/2016	Pesticide	Naled	n/a	=	69	%	EPA 525.2m	-88	-88	0.1	242	
2016/17-3	000NONPJ	matrix spike dup	12/22/2016	Pesticide	Naled	n/a	=	0.0319	µg/L	EPA 525.2m	0.0076	0.01			
2016/17-3	000NONPJ	matrix spike dup, rec	12/22/2016	Pesticide	Naled	n/a	=	64	%	EPA 525.2m	-88	-88	0.1	242	
2016/17-3	000NONPJ	matrix spike, RPD	12/22/2016	Pesticide	Naled	n/a	=	8	%	EPA 525.2m	-88	-88	0	30	
2016/17-3	000NONPJ	matrix spike	12/30/2016	Pesticide	Naled	n/a	=	0.0441	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	
2016/17-3	000NONPJ	matrix spike, rec	12/30/2016	Pesticide	Naled	n/a	=	88	%	EPA 525.2m	-88	-88	0.1	242	
2016/17-3	000NONPJ	matrix spike dup	12/30/2016	Pesticide	Naled	n/a	=	0.0444	µg/L	EPA 525.2m	0.0076	0.01			
2016/17-3	000NONPJ	matrix spike dup, rec	12/30/2016	Pesticide	Naled	n/a	=	89	%	EPA 525.2m	-88	-88	0.1	242	
2016/17-3	000NONPJ	matrix spike, RPD	12/30/2016	Pesticide	Naled	n/a	=	0.5	%	EPA 525.2m	-88	-88	0	30	
2016/17-3	Lab	method blank	12/22/2016	Pesticide	Naled	n/a	<	0.0076	µg/L	EPA 525.2m	0.0076	0.01			
2016/17-3	Lab	LCS	12/22/2016	Pesticide	Naled	n/a	=	0.0365	µg/L	EPA 525.2m	0.0076	0.01			
2016/17-3	Lab	LCS, rec	12/22/2016	Pesticide	Naled	n/a	=	73	%	EPA 525.2m	-88	-88	0.1	240	
2016/17-3	Lab	method blank	12/30/2016	Pesticide	Naled	n/a	<	0.0076	µg/L	EPA 525.2m	0.0076	0.01			
2016/17-3	Lab	LCS	12/30/2016	Pesticide	Naled	n/a	=	0.0166	µg/L	EPA 525.2m	0.0076	0.01			
2016/17-3	Lab	LCS, rec	12/30/2016	Pesticide	Naled	n/a	=	33	%	EPA 525.2m	-88	-88	0.1	240	
2016/17-3	000NONPJ	matrix spike	12/30/2016	Pesticide	Pentachlorophenol	n/a	=	4.06	µg/L	EPA 515.3	0.04	0.2			
2016/17-3	000NONPJ	matrix spike, rec	12/30/2016	Pesticide	Pentachlorophenol	n/a	=	101	%	EPA 515.3	-88	-88	70	130	
2016/17-3	000NONPJ	matrix spike dup	12/30/2016	Pesticide	Pentachlorophenol	n/a	=	4.07	µg/L	EPA 515.3	0.04	0.2			
2016/17-3	000NONPJ	matrix spike dup, rec	12/30/2016	Pesticide	Pentachlorophenol	n/a	=	102	%	EPA 515.3	-88	-88	70	130	
2016/17-3	000NONPJ	matrix spike, RPD	12/30/2016	Pesticide	Pentachlorophenol	n/a	=	0.4	%	EPA 515.3	-88	-88	0	30	
2016/17-3	000NONPJ	matrix spike	12/30/2016	Pesticide	Pentachlorophenol	n/a	=	4.05	µg/L	EPA 515.3	0.04	0.2			
2016/17-3	000NONPJ	matrix spike, rec	12/30/2016	Pesticide	Pentachlorophenol	n/a	=	94	%	EPA 515.3	-88	-88	70	130	
2016/17-3	000NONPJ	matrix spike dup	12/30/2016	Pesticide	Pentachlorophenol	n/a	=	4.09	µg/L	EPA 515.3	0.04	0.2			
2016/17-3	000NONPJ	matrix spike dup, rec	12/30/2016	Pesticide	Pentachlorophenol	n/a	=	95	%	EPA 515.3	-88	-88	70	130	
2016/17-3	000NONPJ	matrix spike, RPD	12/30/2016	Pesticide	Pentachlorophenol	n/a	=	1	%	EPA 515.3	-88	-88	0	30	
2016/17-3	Lab	method blank	12/28/2016	Pesticide	Pentachlorophenol	n/a	<	0.19	µg/L	EPA 625	0.19	1			
2016/17-3	Lab	LCS	12/28/2016	Pesticide	Pentachlorophenol	n/a	=	20.9	µg/L	EPA 625	0.19	1			
2016/17-3	Lab	LCS, rec	12/28/2016	Pesticide	Pentachlorophenol	n/a	=	84	%	EPA 625	-88	-88	14	176	
2016/17-3	Lab	LCS dup	12/28/2016	Pesticide	Pentachlorophenol	n/a	=	25	µg/L	EPA 625	0.19	1			
2016/17-3	Lab	LCS dup, rec	12/28/2016	Pesticide	Pentachlorophenol	n/a	=	100	%	EPA 625	-88	-88	14	176	
2016/17-3	Lab	LCS, RPD	12/28/2016	Pesticide	Pentachlorophenol	n/a	=	18	%	EPA 625	-88	-88	0	30	
2016/17-3	Lab	method blank	12/30/2016	Pesticide	Pentachlorophenol	n/a	<	0.19	µg/L	EPA 625	0.19	1			
2016/17-3	Lab	LCS	12/30/2016	Pesticide	Pentachlorophenol	n/a	=	18.9	µg/L	EPA 625	0.19	1			
2016/17-3	Lab	LCS, rec	12/30/2016	Pesticide	Pentachlorophenol	n/a	=	76	%	EPA 625	-88	-88	14	176	
2016/17-3	Lab	LCS dup	12/30/2016	Pesticide	Pentachlorophenol	n/a	=	20.5	µg/L	EPA 625	0.19	1			
2016/17-3	Lab	LCS dup, rec	12/30/2016	Pesticide	Pentachlorophenol	n/a	=	82	%	EPA 625	-88	-88	14	176	
2016/17-3	Lab	LCS, RPD	12/30/2016	Pesticide	Pentachlorophenol	n/a	=	8	%	EPA 625	-88	-88	0	30	
2016/17-3	Lab	method blank	12/30/2016	Pesticide	Pentachlorophenol	n/a	<	0.04	µg/L	EPA 515.3	0.04	0.2			
2016/17-3	Lab	LCS	12/30/2016	Pesticide	Pentachlorophenol	n/a	=	3.97	µg/L	EPA 515.3	0.04	0.2			
2016/17-3	Lab	LCS, rec	12/30/2016	Pesticide	Pentachlorophenol	n/a	=	99	%	EPA 515.3	-88	-88	70	130	
2016/17-3	Lab	method blank	1/10/2017	Pesticide	Pentachlorophenol	n/a	<	0.15	µg/L	EPA 8270C	0.15	1			
2016/17-3	Lab	LCS	1/10/2017	Pesticide	Pentachlorophenol	n/a	=	9.54	µg/L	EPA 8270C	0.15	1			
2016/17-3	Lab	LCS, rec	1/10/2017	Pesticide	Pentachlorophenol	n/a	=	95	%	EPA 8270C	-88	-88	29	106	
2016/17-3	Lab	LCS dup	1/10/2017	Pesticide	Pentachlorophenol	n/a	=	9.5	µg/L	EPA 8270C	0.15	1			
2016/17-3	Lab	LCS dup, rec	1/10/2017	Pesticide	Pentachlorophenol	n/a	=	95	%	EPA 8270C	-88	-88	29	106	
2016/17-3	Lab	LCS, RPD	1/10/2017	Pesticide	Pentachlorophenol	n/a	=	0.4	%	EPA 8270C	-88	-88	0	30	
2016/17-3	000NONPJ	matrix spike	12/22/2016	Pesticide	Phorate	n/a	=	0.052	µg/L	EPA 525.2m	0.003	0.01			
2016/17-3	000NONPJ	matrix spike, rec	12/22/2016	Pesticide	Phorate	n/a	=	104	%	EPA 525.2m	-88	-88	31	181	
2016/17-3	000NONPJ	matrix spike dup	12/22/2016	Pesticide	Phorate	n/a	=	0.0518	µg/L	EPA 525.2m	0.003	0.01			
2016/17-3	000NONPJ	matrix spike dup, rec	12/22/2016	Pesticide	Phorate	n/a	=	104	%	EPA 525.2m	-88	-88	31	181	
2016/17-3	000NONPJ	matrix spike, RPD	12/22/2016	Pesticide	Phorate	n/a	=	0.4	%	EPA 525.2m	-88	-88	0	30	
2016/17-3	000NONPJ	matrix spike	12/30/2016	Pesticide	Phorate	n/a	=	0.0566	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	
2016/17-3	000NONPJ	matrix spike, rec	12/30/2016	Pesticide	Phorate	n/a	=	113	%	EPA 525.2m	-88	-88	31	181	
2016/17-3	000NONPJ	matrix spike dup	12/30/2016	Pesticide	Phorate	n/a	=	0.0609	µg/L	EPA 525.2m	0.003	0.01			
2016/17-3	000NONPJ	matrix spike dup, rec	12/30/2016	Pesticide	Phorate	n/a	=	122	%	EPA 525.2m	-88	-88	31	181	
2016/17-3	000NONPJ	matrix spike, RPD	12/30/2016	Pesticide	Phorate	n/a	=	7	%	EPA 525.2m	-88	-88	0	30	
2016/17-3	Lab	method blank	12/22/2016	Pesticide	Phorate	n/a	<	0.003	µg/L	EPA 525.2m	0.003	0.01			
2016/17-3	Lab	LCS	12/22/2016	Pesticide	Phorate	n/a	=	0.0488	µg/L	EPA 525.2m	0.003	0.01			
2016/17-3	Lab	LCS, rec	12/22/2016	Pesticide	Phorate	n/a	=	98	%	EPA 525.2m	-88	-88	26	180	
2016/17-3	Lab	method blank	12/30/2016	Pesticide	Phorate	n/a	<	0.003	µg/L	EPA 525.2m	0.003	0.01			
2016/17-3	Lab	LCS	12/30/2016	Pesticide	Phorate	n/a	=	0.0562	µg/L	EPA 525.2m	0.003	0.01			
2016/17-3	Lab	LCS, rec	12/30/2016	Pesticide	Phorate	n/a	=	112	%	EPA 525.2m	-88	-88	26	180	
2016/17-3	000NONPJ	matrix spike	12/30/2016	Pesticide	Picloram	n/a	=	4.22	µg/L	EPA 515.3	0.05	0.6			
2016/17-3	000NONPJ	matrix spike, rec	12/30/2016	Pesticide	Picloram	n/a	=	106	%	EPA 515.3	-88	-88	70	130	
2016/17-3	000NONPJ	matrix spike dup	12/30/2016	Pesticide	Picloram	n/a	=	4.15	µg/L	EPA 515.3	0.05	0.6			
2016/17-3	000NONPJ	matrix spike dup, rec	12/30/2016	Pesticide	Picloram	n/a	=	104	%	EPA 515.3	-88	-88	70	130	
2016/17-3	000NONPJ	matrix spike, RPD	12/30/2016	Pesticide	Picloram	n/a	=	2	%	EPA 515.3	-88	-88	0	30	
2016/17-3	000NONPJ	matrix spike	12/30/2016	Pesticide	Picloram	n/a	=	4.23	µg/L	EPA 515.3	0.05	0.6			
2016/17-3	000NONPJ	matrix spike, rec	12/30/2016	Pesticide	Picloram	n/a	=	106	%	EPA 515.3	-88	-88	70	130	
2016/17-3	000NONPJ	matrix spike dup	12/30/2016	Pesticide	Picloram	n/a	=	4.28	µg/L	EPA 515.3	0.05	0.6			
2016/17-3	000NONPJ	matrix spike dup, rec	12/30/2016	Pesticide	Picloram	n/a	=	107	%	EPA 515.3	-88	-88	70	130	
2016/17-3	000NONPJ	matrix spike, RPD	12/30/2016	Pesticide	Picloram	n/a	=	1	%	EPA 515.3	-88	-88	0	30	
2016/17-3	Lab	method blank	12/30/2016	Pesticide	Picloram	n/a	<	0.05	µg/L	EPA 515.3	0.05	0.6			
2016/17-3	Lab	LCS	12/30/2016	Pesticide	Picloram	n/a	=	4.16	µg/L	EPA 515.3	0.05	0.6			
2016/17-3	Lab	LCS, rec	12/30/2016	Pesticide	Picloram	n/a	=	104	%	EPA 515.3	-88	-88	70	130	
2016/17-3	Lab	method blank	12/27/2016	Pesticide	Prometon	n/a	<	0.024	µg/L	EPA 525.2	0.024	0.2			
2016/17-3	Lab	LCS	12/27/2016	Pesticide	Prometon	n/a	=	1.6	µg/L	EPA 525.2	0.024	0.2			
2016/17-3	Lab	LCS, rec	12/27/2016	Pesticide	Prometon	n/a	=	32	%	EPA 525.2	-88	-88	17	101	
2016/17-3	Lab	LCS dup	12/27/2016	Pesticide	Prometon	n/a	=	1.55	µg/L	EPA 525.2	0.024	0.2			
2016/17-3	Lab	LCS dup, rec	12/27/2016	Pesticide	Prometon	n/a	=	31	%	EPA 525.2	-88	-88	17	101	
2016/17-3	Lab	LCS, RPD	12/27/2016	Pesticide	Prometon	n/a	=	3	%	EPA 525.2	-88	-88	0	30	
2016/17-3	Lab	method blank	12/27/2016	Pesticide	Prometryn	n/a	<	0.036	µg/L	EPA 525.2	0.036	0.1			
2016/17-3	Lab	LCS	12/27/2016	Pesticide	Prometryn	n/a	=	3.34	µg/L	EPA 525.2	0.036	0.1			
2016/17-3	Lab	LCS, rec	12/27/2016	Pesticide	Prometryn	n/a	=	67	%	EPA 525.2	-88	-88	57	122	
2016/17-3	Lab	LCS dup	12/27/2016	Pesticide	Prometryn	n/a	=	3.75	µg/L	EPA 525.2	0.036	0.1			
2016/17-3	Lab	LCS dup, rec	12/27/2016	Pesticide	Prometryn	n/a	=	75	%	EPA 525.2	-88	-88	57	122	
2016/17-3	Lab	LCS, RPD	12/27/2016	Pesticide	Prometryn	n/a	=	12	%	EPA 525.2	-88	-88	0	30	
2016/17-3	000NONPJ	matrix spike	12/22/2016	Pesticide	Ronnel (Fenchlorphos)	n/a	=	0.0523	µg/L	EPA 525.2m	0.0041	0.01			
2016/17-3	000NONPJ	matrix spike, rec	12/22/2016	Pesticide	Ronnel (Fenchlorphos)	n/a	=	105	%	EPA 525.2m	-88	-88	29	153	
2016/17-3	000NONPJ	matrix spike dup	12/22/2016	Pesticide	Ronnel (Fenchlorphos)	n/a	=	0.0565	µg/L	EPA 525.2m	0.0041	0.01			
2016/17-3	000NONPJ	matrix spike dup, rec	12/22/2016	Pesticide	Ronnel (Fenchlorphos)	n/a	=	113	%	EPA 525.2m	-88	-88	29	153	
2016/17-3	000NONPJ	matrix spike, RPD	12/22/2016	Pesticide	Ronnel (Fenchlorphos)	n/a	=	8	%	EPA 525.2m	-88	-88	0	30	
2016/17-3	000NONPJ	matrix spike	12/30/2016	Pesticide	Ronnel (Fenchlorphos)	n/a	=	0.0609	µg/L	EPA 525.2m	0.0041	0.01			
2016/17-3	000NONPJ	matrix spike, rec	12/30/2016	Pesticide	Ronnel (Fenchlorphos)	n/a	=	122	%	EPA 525.2m	-88	-88	29	153	
2016/17-3	000NONPJ	matrix spike dup	12/30/2016	Pesticide	Ronnel (Fenchlorphos)	n/a	=	0.0564	µg/L	EPA 525.2m	0.0041	0.01			
2016/17-3	000NONPJ	matrix spike dup, rec	12/30/2016	Pesticide	Ronnel (Fenchlorphos)	n/a	=	113	%	EPA 525.2m	-88	-88	29	153	
2016/17-3	000NONPJ	matrix spike, RPD	12/30/2016	Pesticide	Ronnel (Fenchlorphos)	n/a	=	8	%	EPA 525.2m	-88	-88	0	30	
2016/17-3	Lab	method blank	12/22/2016	Pesticide	Ronnel (Fenchlorphos)	n/a	<	0.0041	µg/L	EPA 525.2m	0.0041	0.01			
2016/17-3	Lab	LCS	12/22/2016	Pesticide	Ronnel (Fenchlorphos)	n/a	=	0.0533	µg/L	EPA 525.2m	0.0041	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	
2016/17-3	Lab	LCS, rec	12/22/2016	Pesticide	Ronnel (Fenchlorphos)	n/a	=	107	%	EPA 525.2m	-88	-88	34	154	
2016/17-3	Lab	method blank	12/30/2016	Pesticide	Ronnel (Fenchlorphos)	n/a	<	0.0041	µg/L	EPA 525.2m	0.0041	0.01			
2016/17-3	Lab	LCS	12/30/2016	Pesticide	Ronnel (Fenchlorphos)	n/a	=	0.0571	µg/L	EPA 525.2m	0.0041	0.01			
2016/17-3	Lab	LCS, rec	12/30/2016	Pesticide	Ronnel (Fenchlorphos)	n/a	=	114	%	EPA 525.2m	-88	-88	34	154	
2016/17-3	Lab	method blank	12/27/2016	Pesticide	Simazine	n/a	<	0.015	µg/L	EPA 525.2	0.015	0.1			
2016/17-3	Lab	LCS	12/27/2016	Pesticide	Simazine	n/a	=	4.4	µg/L	EPA 525.2	0.015	0.1			
2016/17-3	Lab	LCS, rec	12/27/2016	Pesticide	Simazine	n/a	=	88	%	EPA 525.2	-88	-88	53	116	
2016/17-3	Lab	LCS dup	12/27/2016	Pesticide	Simazine	n/a	=	4.11	µg/L	EPA 525.2	0.015	0.1			
2016/17-3	Lab	LCS dup, rec	12/27/2016	Pesticide	Simazine	n/a	=	82	%	EPA 525.2	-88	-88	53	116	
2016/17-3	Lab	LCS, RPD	12/27/2016	Pesticide	Simazine	n/a	=	7	%	EPA 525.2	-88	-88	0	30	
2016/17-3	Lab	method blank	12/28/2016	Pesticide	Simazine	n/a	<	0.015	µg/L	EPA 525.2	0.015	0.1			
2016/17-3	Lab	LCS	12/28/2016	Pesticide	Simazine	n/a	=	4.16	µg/L	EPA 525.2	0.015	0.1			
2016/17-3	Lab	LCS, rec	12/28/2016	Pesticide	Simazine	n/a	=	83	%	EPA 525.2	-88	-88	53	116	
2016/17-3	Lab	LCS dup	12/28/2016	Pesticide	Simazine	n/a	=	5.07	µg/L	EPA 525.2	0.015	0.1			
2016/17-3	Lab	LCS dup, rec	12/28/2016	Pesticide	Simazine	n/a	=	101	%	EPA 525.2	-88	-88	53	116	
2016/17-3	Lab	LCS, RPD	12/28/2016	Pesticide	Simazine	n/a	=	20	%	EPA 525.2	-88	-88	0	30	
2016/17-3	000NONPJ	matrix spike	12/22/2016	Pesticide	Stirophos (Tetrachlorvinphos)	n/a	=	0.0473	µg/L	EPA 525.2m	0.0031	0.01			
2016/17-3	000NONPJ	matrix spike, rec	12/22/2016	Pesticide	Stirophos (Tetrachlorvinphos)	n/a	=	95	%	EPA 525.2m	-88	-88	0.1	167	
2016/17-3	000NONPJ	matrix spike dup	12/22/2016	Pesticide	Stirophos (Tetrachlorvinphos)	n/a	=	0.0482	µg/L	EPA 525.2m	0.0031	0.01			
2016/17-3	000NONPJ	matrix spike dup, rec	12/22/2016	Pesticide	Stirophos (Tetrachlorvinphos)	n/a	=	96	%	EPA 525.2m	-88	-88	0.1	167	
2016/17-3	000NONPJ	matrix spike, RPD	12/22/2016	Pesticide	Stirophos (Tetrachlorvinphos)	n/a	=	2	%	EPA 525.2m	-88	-88	0	30	
2016/17-3	000NONPJ	matrix spike	12/30/2016	Pesticide	Stirophos (Tetrachlorvinphos)	n/a	=	0.0621	µg/L	EPA 525.2m	0.0031	0.01			
2016/17-3	000NONPJ	matrix spike, rec	12/30/2016	Pesticide	Stirophos (Tetrachlorvinphos)	n/a	=	124	%	EPA 525.2m	-88	-88	0.1	167	
2016/17-3	000NONPJ	matrix spike dup	12/30/2016	Pesticide	Stirophos (Tetrachlorvinphos)	n/a	=	0.0595	µg/L	EPA 525.2m	0.0031	0.01			
2016/17-3	000NONPJ	matrix spike dup, rec	12/30/2016	Pesticide	Stirophos (Tetrachlorvinphos)	n/a	=	119	%	EPA 525.2m	-88	-88	0.1	167	
2016/17-3	000NONPJ	matrix spike, RPD	12/30/2016	Pesticide	Stirophos (Tetrachlorvinphos)	n/a	=	4	%	EPA 525.2m	-88	-88	0	30	
2016/17-3	Lab	method blank	12/22/2016	Pesticide	Stirophos (Tetrachlorvinphos)	n/a	<	0.0031	µg/L	EPA 525.2m	0.0031	0.01			
2016/17-3	Lab	LCS	12/22/2016	Pesticide	Stirophos (Tetrachlorvinphos)	n/a	=	0.0471	µg/L	EPA 525.2m	0.0031	0.01			
2016/17-3	Lab	LCS, rec	12/22/2016	Pesticide	Stirophos (Tetrachlorvinphos)	n/a	=	94	%	EPA 525.2m	-88	-88	0.1	188	
2016/17-3	Lab	method blank	12/30/2016	Pesticide	Stirophos (Tetrachlorvinphos)	n/a	<	0.0031	µg/L	EPA 525.2m	0.0031	0.01			
2016/17-3	Lab	LCS	12/30/2016	Pesticide	Stirophos (Tetrachlorvinphos)	n/a	=	0.0391	µg/L	EPA 525.2m	0.0031	0.01			
2016/17-3	Lab	LCS, rec	12/30/2016	Pesticide	Stirophos (Tetrachlorvinphos)	n/a	=	78	%	EPA 525.2m	-88	-88	0.1	188	
2016/17-3	Lab	method blank	12/27/2016	Pesticide	Terbacil	n/a	<	0.55	µg/L	EPA 525.2	0.55	2			
2016/17-3	Lab	LCS	12/27/2016	Pesticide	Terbacil	n/a	=	4.81	µg/L	EPA 525.2	0.55	2			
2016/17-3	Lab	LCS, rec	12/27/2016	Pesticide	Terbacil	n/a	=	96	%	EPA 525.2	-88	-88	70	135	
2016/17-3	Lab	LCS dup	12/27/2016	Pesticide	Terbacil	n/a	=	5.17	µg/L	EPA 525.2	0.55	2			
2016/17-3	Lab	LCS dup, rec	12/27/2016	Pesticide	Terbacil	n/a	=	103	%	EPA 525.2	-88	-88	70	135	
2016/17-3	Lab	LCS, RPD	12/27/2016	Pesticide	Terbacil	n/a	=	7	%	EPA 525.2	-88	-88	0	30	
2016/17-3	Lab	method blank	12/27/2016	Pesticide	Thiobencarb	n/a	<	0.025	µg/L	EPA 525.2	0.025	0.2			
2016/17-3	Lab	LCS	12/27/2016	Pesticide	Thiobencarb	n/a	=	4.34	µg/L	EPA 525.2	0.025	0.2			
2016/17-3	Lab	LCS, rec	12/27/2016	Pesticide	Thiobencarb	n/a	=	87	%	EPA 525.2	-88	-88	56	125	
2016/17-3	Lab	LCS dup	12/27/2016	Pesticide	Thiobencarb	n/a	=	3.96	µg/L	EPA 525.2	0.025	0.2			
2016/17-3	Lab	LCS dup, rec	12/27/2016	Pesticide	Thiobencarb	n/a	=	79	%	EPA 525.2	-88	-88	56	125	
2016/17-3	Lab	LCS, RPD	12/27/2016	Pesticide	Thiobencarb	n/a	=	9	%	EPA 525.2	-88	-88	0	30	
2016/17-3	000NONPJ	matrix spike	12/22/2016	Pesticide	Tokuthion	n/a	=	0.0366	µg/L	EPA 525.2m	0.0078	0.01			
2016/17-3	000NONPJ	matrix spike, rec	12/22/2016	Pesticide	Tokuthion	n/a	=	73	%	EPA 525.2m	-88	-88	27	160	
2016/17-3	000NONPJ	matrix spike dup	12/22/2016	Pesticide	Tokuthion	n/a	=	0.0404	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	
2016/17-3	000NONPJ	matrix spike dup, rec	12/22/2016	Pesticide	Tokuthion	n/a	=	81	%	EPA 525.2m	-88	-88	27	160	
2016/17-3	000NONPJ	matrix spike, RPD	12/22/2016	Pesticide	Tokuthion	n/a	=	10	%	EPA 525.2m	-88	-88	0	30	
2016/17-3	000NONPJ	matrix spike	12/30/2016	Pesticide	Tokuthion	n/a	=	0.0399	µg/L	EPA 525.2m	0.0078	0.01			
2016/17-3	000NONPJ	matrix spike, rec	12/30/2016	Pesticide	Tokuthion	n/a	=	80	%	EPA 525.2m	-88	-88	27	160	
2016/17-3	000NONPJ	matrix spike dup	12/30/2016	Pesticide	Tokuthion	n/a	=	0.0432	µg/L	EPA 525.2m	0.0078	0.01			
2016/17-3	000NONPJ	matrix spike dup, rec	12/30/2016	Pesticide	Tokuthion	n/a	=	86	%	EPA 525.2m	-88	-88	27	160	
2016/17-3	000NONPJ	matrix spike, RPD	12/30/2016	Pesticide	Tokuthion	n/a	=	8	%	EPA 525.2m	-88	-88	0	30	
2016/17-3	Lab	method blank	12/22/2016	Pesticide	Tokuthion	n/a	<	0.0078	µg/L	EPA 525.2m	0.0078	0.01			
2016/17-3	Lab	LCS	12/22/2016	Pesticide	Tokuthion	n/a	=	0.0416	µg/L	EPA 525.2m	0.0078	0.01			
2016/17-3	Lab	LCS, rec	12/22/2016	Pesticide	Tokuthion	n/a	=	83	%	EPA 525.2m	-88	-88	23	159	
2016/17-3	Lab	method blank	12/30/2016	Pesticide	Tokuthion	n/a	<	0.0078	µg/L	EPA 525.2m	0.0078	0.01			
2016/17-3	Lab	LCS	12/30/2016	Pesticide	Tokuthion	n/a	=	0.0451	µg/L	EPA 525.2m	0.0078	0.01			
2016/17-3	Lab	LCS, rec	12/30/2016	Pesticide	Tokuthion	n/a	=	90	%	EPA 525.2m	-88	-88	23	159	
2016/17-3	Lab	method blank	1/5/2017	Pesticide	Toxaphene	n/a	<	0.12	µg/L	EPA 608	0.12	0.5			
2016/17-3	Lab	method blank	1/6/2017	Pesticide	Toxaphene	n/a	<	0.12	µg/L	EPA 608	0.12	0.5			
2016/17-3	000NONPJ	matrix spike	12/22/2016	Pesticide	Trichloronate	n/a	=	0.0603	µg/L	EPA 525.2m	0.0067	0.01			
2016/17-3	000NONPJ	matrix spike, rec	12/22/2016	Pesticide	Trichloronate	n/a	=	121	%	EPA 525.2m	-88	-88	40	150	
2016/17-3	000NONPJ	matrix spike dup	12/22/2016	Pesticide	Trichloronate	n/a	=	0.0689	µg/L	EPA 525.2m	0.0067	0.01			
2016/17-3	000NONPJ	matrix spike dup, rec	12/22/2016	Pesticide	Trichloronate	n/a	=	138	%	EPA 525.2m	-88	-88	40	150	
2016/17-3	000NONPJ	matrix spike, RPD	12/22/2016	Pesticide	Trichloronate	n/a	=	13	%	EPA 525.2m	-88	-88	0	30	
2016/17-3	000NONPJ	matrix spike	12/30/2016	Pesticide	Trichloronate	n/a	=	0.0726	µg/L	EPA 525.2m	0.0067	0.01			
2016/17-3	000NONPJ	matrix spike, rec	12/30/2016	Pesticide	Trichloronate	n/a	=	145	%	EPA 525.2m	-88	-88	40	150	
2016/17-3	000NONPJ	matrix spike dup	12/30/2016	Pesticide	Trichloronate	n/a	=	0.066	µg/L	EPA 525.2m	0.0067	0.01			
2016/17-3	000NONPJ	matrix spike dup, rec	12/30/2016	Pesticide	Trichloronate	n/a	=	132	%	EPA 525.2m	-88	-88	40	150	
2016/17-3	000NONPJ	matrix spike, RPD	12/30/2016	Pesticide	Trichloronate	n/a	=	10	%	EPA 525.2m	-88	-88	0	30	
2016/17-3	Lab	method blank	12/22/2016	Pesticide	Trichloronate	n/a	<	0.0067	µg/L	EPA 525.2m	0.0067	0.01			
2016/17-3	Lab	LCS	12/22/2016	Pesticide	Trichloronate	n/a	=	0.064	µg/L	EPA 525.2m	0.0067	0.01			
2016/17-3	Lab	LCS, rec	12/22/2016	Pesticide	Trichloronate	n/a	=	128	%	EPA 525.2m	-88	-88	34	153	
2016/17-3	Lab	method blank	12/30/2016	Pesticide	Trichloronate	n/a	<	0.0067	µg/L	EPA 525.2m	0.0067	0.01			
2016/17-3	Lab	LCS	12/30/2016	Pesticide	Trichloronate	n/a	=	0.0727	µg/L	EPA 525.2m	0.0067	0.01			
2016/17-3	Lab	LCS, rec	12/30/2016	Pesticide	Trichloronate	n/a	=	145	%	EPA 525.2m	-88	-88	34	153	
2016/17-3	Lab	method blank	12/27/2016	Pesticide	Trithion	n/a	<	0.012	µg/L	EPA 525.2	0.012	0.1			
2016/17-3	Lab	LCS	12/27/2016	Pesticide	Trithion	n/a	=	4.75	µg/L	EPA 525.2	0.012	0.1			
2016/17-3	Lab	LCS, rec	12/27/2016	Pesticide	Trithion	n/a	=	95	%	EPA 525.2	-88	-88	60	124	
2016/17-3	Lab	LCS dup	12/27/2016	Pesticide	Trithion	n/a	=	4.6	µg/L	EPA 525.2	0.012	0.1			
2016/17-3	Lab	LCS dup, rec	12/27/2016	Pesticide	Trithion	n/a	=	92	%	EPA 525.2	-88	-88	60	124	
2016/17-3	Lab	LCS, RPD	12/27/2016	Pesticide	Trithion	n/a	=	3	%	EPA 525.2	-88	-88	0	30	
2016/17-4	000NONPJ	matrix spike	1/16/2017	Anion	Chloride	n/a	=	54.8	mg/L	EPA 300.0	1	5			
2016/17-4	000NONPJ	matrix spike	1/16/2017	Anion	Chloride	n/a	=	144	mg/L	EPA 300.0	1	5			
2016/17-4	000NONPJ	matrix spike dup	1/16/2017	Anion	Chloride	n/a	=	144	mg/L	EPA 300.0	1	5			
2016/17-4	000NONPJ	matrix spike dup	1/16/2017	Anion	Chloride	n/a	=	54.6	mg/L	EPA 300.0	1	5			
2016/17-4	000NONPJ	matrix spike dup, rec	1/16/2017	Anion	Chloride	n/a	=	88	%	EPA 300.0	-88	-88	76	118	
2016/17-4	000NONPJ	matrix spike dup, rec	1/16/2017	Anion	Chloride	n/a	=	96	%	EPA 300.0	-88	-88	76	118	
2016/17-4	000NONPJ	matrix spike, rec	1/16/2017	Anion	Chloride	n/a	=	96	%	EPA 300.0	-88	-88	76	118	
2016/17-4	000NONPJ	matrix spike, rec	1/16/2017	Anion	Chloride	n/a	=	87	%	EPA 300.0	-88	-88	76	118	
2016/17-4	000NONPJ	matrix spike, RPD	1/16/2017	Anion	Chloride	n/a	=	0.2	%	EPA 300.0	-88	-88	0	20	
2016/17-4	000NONPJ	matrix spike, RPD	1/16/2017	Anion	Chloride	n/a	=	0.5	%	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	
2016/17-4	Lab	LCS	1/16/2017	Anion	Chloride	n/a	=	4.83	mg/L	EPA 300.0	0.1	0.5			
2016/17-4	Lab	LCS, rec	1/16/2017	Anion	Chloride	n/a	=	96	%	EPA 300.0	-88	-88	90	110	
2016/17-4	Lab	method blank	1/16/2017	Anion	Chloride	n/a	<	0.1	mg/L	EPA 300.0	0.1	0.5			
2016/17-4	000NONPJ	matrix spike	1/16/2017	Anion	Fluoride	n/a	=	11.2	mg/L	EPA 300.0	0.2	1			
2016/17-4	000NONPJ	matrix spike	1/16/2017	Anion	Fluoride	n/a	=	10.6	mg/L	EPA 300.0	0.2	1			
2016/17-4	000NONPJ	matrix spike dup	1/16/2017	Anion	Fluoride	n/a	=	11.2	mg/L	EPA 300.0	0.2	1			
2016/17-4	000NONPJ	matrix spike dup	1/16/2017	Anion	Fluoride	n/a	=	10.4	mg/L	EPA 300.0	0.2	1			
2016/17-4	000NONPJ	matrix spike dup, rec	1/16/2017	Anion	Fluoride	n/a	=	97	%	EPA 300.0	-88	-88	86	107	
2016/17-4	000NONPJ	matrix spike dup, rec	1/16/2017	Anion	Fluoride	n/a	=	99	%	EPA 300.0	-88	-88	86	107	
2016/17-4	000NONPJ	matrix spike, rec	1/16/2017	Anion	Fluoride	n/a	=	96	%	EPA 300.0	-88	-88	86	107	
2016/17-4	000NONPJ	matrix spike, rec	1/16/2017	Anion	Fluoride	n/a	=	100	%	EPA 300.0	-88	-88	86	107	
2016/17-4	000NONPJ	matrix spike, RPD	1/16/2017	Anion	Fluoride	n/a	=	1	%	EPA 300.0	-88	-88	0	20	
2016/17-4	000NONPJ	matrix spike, RPD	1/16/2017	Anion	Fluoride	n/a	=	0.4	%	EPA 300.0	-88	-88	0	20	
2016/17-4	Lab	LCS	1/16/2017	Anion	Fluoride	n/a	=	1.03	mg/L	EPA 300.0	0.02	0.1			
2016/17-4	Lab	LCS, rec	1/16/2017	Anion	Fluoride	n/a	=	98	%	EPA 300.0	-88	-88	90	110	
2016/17-4	Lab	method blank	1/16/2017	Anion	Fluoride	n/a	<	0.02	mg/L	EPA 300.0	0.02	0.1			
2016/17-4	000NONPJ	matrix spike	1/26/2017	Anion	Perchlorate	n/a	=	12.9	µg/L	EPA 314.0	0.95	2			
2016/17-4	000NONPJ	matrix spike dup	1/26/2017	Anion	Perchlorate	n/a	=	13.1	µg/L	EPA 314.0	0.95	2			
2016/17-4	000NONPJ	matrix spike dup, rec	1/26/2017	Anion	Perchlorate	n/a	=	105	%	EPA 314.0	-88	-88	80	120	
2016/17-4	000NONPJ	matrix spike, rec	1/26/2017	Anion	Perchlorate	n/a	=	103	%	EPA 314.0	-88	-88	80	120	
2016/17-4	000NONPJ	matrix spike, RPD	1/26/2017	Anion	Perchlorate	n/a	=	2	%	EPA 314.0	-88	-88	0	15	
2016/17-4	Lab	LCS	1/26/2017	Anion	Perchlorate	n/a	=	10.4	µg/L	EPA 314.0	0.95	2			
2016/17-4	Lab	LCS, rec	1/26/2017	Anion	Perchlorate	n/a	=	104	%	EPA 314.0	-88	-88	85	115	
2016/17-4	Lab	method blank	1/26/2017	Anion	Perchlorate	n/a	<	0.95	µg/L	EPA 314.0	0.95	2			
2016/17-4	000NONPJ	matrix spike	1/16/2017	Anion	Sulfate	Total	=	50	mg/L	EPA 300.0	1	5			
2016/17-4	000NONPJ	matrix spike	1/16/2017	Anion	Sulfate	Total	=	290	mg/L	EPA 300.0	1	5			GB
2016/17-4	000NONPJ	matrix spike dup	1/16/2017	Anion	Sulfate	Total	=	50	mg/L	EPA 300.0	1	5			
2016/17-4	000NONPJ	matrix spike dup	1/16/2017	Anion	Sulfate	Total	=	290	mg/L	EPA 300.0	1	5			GB
2016/17-4	000NONPJ	matrix spike dup, rec	1/16/2017	Anion	Sulfate	Total	=	89	%	EPA 300.0	-88	-88	78	111	
2016/17-4	000NONPJ	matrix spike dup, rec	1/16/2017	Anion	Sulfate	Total	=	72	%	EPA 300.0	-88	-88	78	111	GB
2016/17-4	000NONPJ	matrix spike, rec	1/16/2017	Anion	Sulfate	Total	=	71	%	EPA 300.0	-88	-88	78	111	GB
2016/17-4	000NONPJ	matrix spike, rec	1/16/2017	Anion	Sulfate	Total	=	89	%	EPA 300.0	-88	-88	78	111	
2016/17-4	000NONPJ	matrix spike, RPD	1/16/2017	Anion	Sulfate	Total	=	0.06	%	EPA 300.0	-88	-88	0	20	
2016/17-4	000NONPJ	matrix spike, RPD	1/16/2017	Anion	Sulfate	Total	=	0.1	%	EPA 300.0	-88	-88	0	20	GB
2016/17-4	Lab	LCS	1/16/2017	Anion	Sulfate	Total	=	4.79	mg/L	EPA 300.0	0.1	0.5			
2016/17-4	Lab	LCS, rec	1/16/2017	Anion	Sulfate	Total	=	97	%	EPA 300.0	-88	-88	90	110	
2016/17-4	Lab	method blank	1/16/2017	Anion	Sulfate	Total	<	0.1	mg/L	EPA 300.0	0.1	0.5			
2016/17-4	000NONPJ	matrix spike	1/20/2017	Cation	Calcium	Total	=	49.3	mg/L	EPA 200.7	0.016	0.1			
2016/17-4	000NONPJ	matrix spike, rec	1/20/2017	Cation	Calcium	Total	=	95	%	EPA 200.7	-88	-88	70	130	
2016/17-4	000NONPJ	matrix spike dup	1/20/2017	Cation	Calcium	Total	=	49.6	mg/L	EPA 200.7	0.016	0.1			
2016/17-4	000NONPJ	matrix spike dup, rec	1/20/2017	Cation	Calcium	Total	=	96	%	EPA 200.7	-88	-88	70	130	
2016/17-4	000NONPJ	matrix spike, RPD	1/20/2017	Cation	Calcium	Total	=	0.6	%	EPA 200.7	-88	-88	0	30	
2016/17-4	000NONPJ	matrix spike	1/20/2017	Cation	Calcium	Total	=	51.9	mg/L	EPA 200.7	0.016	0.1			
2016/17-4	000NONPJ	matrix spike, rec	1/20/2017	Cation	Calcium	Total	=	95	%	EPA 200.7	-88	-88	70	130	
2016/17-4	000NONPJ	matrix spike dup	1/20/2017	Cation	Calcium	Total	=	51.5	mg/L	EPA 200.7	0.016	0.1			
2016/17-4	000NONPJ	matrix spike dup, rec	1/20/2017	Cation	Calcium	Total	=	94	%	EPA 200.7	-88	-88	70	130	
2016/17-4	000NONPJ	matrix spike, RPD	1/20/2017	Cation	Calcium	Total	=	0.8	%	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	
2016/17-4	Lab	method blank	1/20/2017	Cation	Calcium	Total	<	0.016	mg/L	EPA 200.7	0.016	0.1			
2016/17-4	Lab	LCS	1/20/2017	Cation	Calcium	Total	=	46.8	mg/L	EPA 200.7	0.016	0.1			
2016/17-4	Lab	LCS, rec	1/20/2017	Cation	Calcium	Total	=	93	%	EPA 200.7	-88	-88	85	115	
2016/17-4	000NONPJ	matrix spike	1/20/2017	Cation	Magnesium	Total	=	50.6	mg/L	EPA 200.7	0.012	0.1			
2016/17-4	000NONPJ	matrix spike, rec	1/20/2017	Cation	Magnesium	Total	=	100	%	EPA 200.7	-88	-88	70	130	
2016/17-4	000NONPJ	matrix spike dup	1/20/2017	Cation	Magnesium	Total	=	50.6	mg/L	EPA 200.7	0.012	0.1			
2016/17-4	000NONPJ	matrix spike dup, rec	1/20/2017	Cation	Magnesium	Total	=	100	%	EPA 200.7	-88	-88	70	130	
2016/17-4	000NONPJ	matrix spike, RPD	1/20/2017	Cation	Magnesium	Total	=	0.007	%	EPA 200.7	-88	-88	0	30	
2016/17-4	000NONPJ	matrix spike	1/20/2017	Cation	Magnesium	Total	=	51.1	mg/L	EPA 200.7	0.012	0.1			
2016/17-4	000NONPJ	matrix spike, rec	1/20/2017	Cation	Magnesium	Total	=	100	%	EPA 200.7	-88	-88	70	130	
2016/17-4	000NONPJ	matrix spike dup	1/20/2017	Cation	Magnesium	Total	=	50.8	mg/L	EPA 200.7	0.012	0.1			
2016/17-4	000NONPJ	matrix spike dup, rec	1/20/2017	Cation	Magnesium	Total	=	100	%	EPA 200.7	-88	-88	70	130	
2016/17-4	000NONPJ	matrix spike, RPD	1/20/2017	Cation	Magnesium	Total	=	0.5	%	EPA 200.7	-88	-88	0	30	
2016/17-4	Lab	method blank	1/20/2017	Cation	Magnesium	Total	<	0.012	mg/L	EPA 200.7	0.012	0.1			
2016/17-4	Lab	LCS	1/20/2017	Cation	Magnesium	Total	=	49.3	mg/L	EPA 200.7	0.012	0.1			
2016/17-4	Lab	LCS, rec	1/20/2017	Cation	Magnesium	Total	=	98	%	EPA 200.7	-88	-88	85	115	
2016/17-4	000NONPJ	matrix spike	1/20/2017	Cation	Potassium	Total	=	49.7	mg/L	EPA 200.7	0.081	0.1			
2016/17-4	000NONPJ	matrix spike, rec	1/20/2017	Cation	Potassium	Total	=	98	%	EPA 200.7	-88	-88	70	130	
2016/17-4	000NONPJ	matrix spike dup	1/20/2017	Cation	Potassium	Total	=	49.7	mg/L	EPA 200.7	0.081	0.1			
2016/17-4	000NONPJ	matrix spike dup, rec	1/20/2017	Cation	Potassium	Total	=	98	%	EPA 200.7	-88	-88	70	130	
2016/17-4	000NONPJ	matrix spike, RPD	1/20/2017	Cation	Potassium	Total	=	0.02	%	EPA 200.7	-88	-88	0	30	
2016/17-4	000NONPJ	matrix spike	1/20/2017	Cation	Potassium	Total	=	50	mg/L	EPA 200.7	0.081	0.1			
2016/17-4	000NONPJ	matrix spike, rec	1/20/2017	Cation	Potassium	Total	=	98	%	EPA 200.7	-88	-88	70	130	
2016/17-4	000NONPJ	matrix spike dup	1/20/2017	Cation	Potassium	Total	=	49.8	mg/L	EPA 200.7	0.081	0.1			
2016/17-4	000NONPJ	matrix spike dup, rec	1/20/2017	Cation	Potassium	Total	=	98	%	EPA 200.7	-88	-88	70	130	
2016/17-4	000NONPJ	matrix spike, RPD	1/20/2017	Cation	Potassium	Total	=	0.5	%	EPA 200.7	-88	-88	0	30	
2016/17-4	Lab	method blank	1/20/2017	Cation	Potassium	Total	<	0.081	mg/L	EPA 200.7	0.081	0.1			
2016/17-4	Lab	LCS	1/20/2017	Cation	Potassium	Total	=	49.5	mg/L	EPA 200.7	0.081	0.1			
2016/17-4	Lab	LCS, rec	1/20/2017	Cation	Potassium	Total	=	99	%	EPA 200.7	-88	-88	85	115	
2016/17-4	000NONPJ	matrix spike	1/20/2017	Cation	Sodium	Total	=	48	mg/L	EPA 200.7	0.015	0.5			
2016/17-4	000NONPJ	matrix spike, rec	1/20/2017	Cation	Sodium	Total	=	95	%	EPA 200.7	-88	-88	70	130	
2016/17-4	000NONPJ	matrix spike dup	1/20/2017	Cation	Sodium	Total	=	47.9	mg/L	EPA 200.7	0.015	0.5			
2016/17-4	000NONPJ	matrix spike dup, rec	1/20/2017	Cation	Sodium	Total	=	95	%	EPA 200.7	-88	-88	70	130	
2016/17-4	000NONPJ	matrix spike, RPD	1/20/2017	Cation	Sodium	Total	=	0.2	%	EPA 200.7	-88	-88	0	30	
2016/17-4	000NONPJ	matrix spike	1/20/2017	Cation	Sodium	Total	=	50.7	mg/L	EPA 200.7	0.015	0.5			
2016/17-4	000NONPJ	matrix spike, rec	1/20/2017	Cation	Sodium	Total	=	95	%	EPA 200.7	-88	-88	70	130	
2016/17-4	000NONPJ	matrix spike dup	1/20/2017	Cation	Sodium	Total	=	50.3	mg/L	EPA 200.7	0.015	0.5			
2016/17-4	000NONPJ	matrix spike dup, rec	1/20/2017	Cation	Sodium	Total	=	94	%	EPA 200.7	-88	-88	70	130	
2016/17-4	000NONPJ	matrix spike, RPD	1/20/2017	Cation	Sodium	Total	=	0.7	%	EPA 200.7	-88	-88	0	30	
2016/17-4	Lab	method blank	1/20/2017	Cation	Sodium	Total	DNQ	0.0461	mg/L	EPA 200.7	0.015	0.5			IP
2016/17-4	Lab	LCS	1/20/2017	Cation	Sodium	Total	=	48	mg/L	EPA 200.7	0.015	0.5			
2016/17-4	Lab	LCS, rec	1/20/2017	Cation	Sodium	Total	=	96	%	EPA 200.7	-88	-88	85	115	
2016/17-4	000NONPJ	lab duplicate	1/7/2017	Conventional	Alkalinity as CaCO3	n/a	=	73.7	mg/L	SM 2320 B	0.56	10		15	
2016/17-4	Lab	LCS	1/7/2017	Conventional	Alkalinity as CaCO3	n/a	=	245	mg/L	SM 2320 B	0.56	10			
2016/17-4	Lab	LCS, rec	1/7/2017	Conventional	Alkalinity as CaCO3	n/a	=	98	%	SM 2320 B	-88	-88	94	108	
2016/17-4	Lab	method blank	1/7/2017	Conventional	Alkalinity as CaCO3	n/a	DNQ	3.42	mg/L	SM 2320 B	0.56	10			IP
2016/17-4	000NONPJ	lab duplicate	1/11/2017	Conventional	BOD	n/a	=	2.54	mg/L	SM 5210 B	2	2		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	
2016/17-4	Lab	LCS	1/11/2017	Conventional	BOD	n/a	=	174	mg/L	SM 5210 B	2	2			
2016/17-4	Lab	LCS, rec	1/11/2017	Conventional	BOD	n/a	=	88	%	SM 5210 B	-88	-88	85	115	
2016/17-4	000NONPJ	lab duplicate	1/13/2017	Conventional	COD	n/a	=	1030	mg/L	EPA 410.4	1.5	10		15	
2016/17-4	000NONPJ	matrix spike	1/13/2017	Conventional	COD	n/a	=	247	mg/L	EPA 410.4	1.5	10			
2016/17-4	000NONPJ	matrix spike	1/13/2017	Conventional	COD	n/a	=	227	mg/L	EPA 410.4	1.5	10			
2016/17-4	000NONPJ	matrix spike dup	1/13/2017	Conventional	COD	n/a	=	222	mg/L	EPA 410.4	1.5	10			
2016/17-4	000NONPJ	matrix spike dup	1/13/2017	Conventional	COD	n/a	=	234	mg/L	EPA 410.4	1.5	10			
2016/17-4	000NONPJ	matrix spike dup, rec	1/13/2017	Conventional	COD	n/a	=	100	%	EPA 410.4	-88	-88	90	110	
2016/17-4	000NONPJ	matrix spike dup, rec	1/13/2017	Conventional	COD	n/a	=	98	%	EPA 410.4	-88	-88	90	110	
2016/17-4	000NONPJ	matrix spike, rec	1/13/2017	Conventional	COD	n/a	=	103	%	EPA 410.4	-88	-88	90	110	
2016/17-4	000NONPJ	matrix spike, rec	1/13/2017	Conventional	COD	n/a	=	105	%	EPA 410.4	-88	-88	90	110	
2016/17-4	000NONPJ	matrix spike, RPD	1/13/2017	Conventional	COD	n/a	=	2	%	EPA 410.4	-88	-88	0	15	
2016/17-4	000NONPJ	matrix spike, RPD	1/13/2017	Conventional	COD	n/a	=	6	%	EPA 410.4	-88	-88	0	15	
2016/17-4	Lab	LCS	1/13/2017	Conventional	COD	n/a	=	99.7	mg/L	EPA 410.4	0.73	5			
2016/17-4	Lab	LCS, rec	1/13/2017	Conventional	COD	n/a	=	100	%	EPA 410.4	-88	-88	90	110	
2016/17-4	Lab	method blank	1/13/2017	Conventional	COD	n/a	<	0.73	mg/L	EPA 410.4	0.73	5			
2016/17-4	000NONPJ	matrix spike	1/17/2017	Conventional	Cyanide	Total	=	0.0517	mg/L	ASTM D7511	0.0005	0.002			
2016/17-4	000NONPJ	matrix spike	1/17/2017	Conventional	Cyanide	Total	=	0.0502	mg/L	ASTM D7511	0.0005	0.002			
2016/17-4	000NONPJ	matrix spike dup	1/17/2017	Conventional	Cyanide	Total	=	0.0519	mg/L	ASTM D7511	0.0005	0.002			
2016/17-4	000NONPJ	matrix spike dup	1/17/2017	Conventional	Cyanide	Total	=	0.0518	mg/L	ASTM D7511	0.0005	0.002			
2016/17-4	000NONPJ	matrix spike dup, rec	1/17/2017	Conventional	Cyanide	Total	=	104	%	ASTM D7511	-88	-88	64	136	
2016/17-4	000NONPJ	matrix spike dup, rec	1/17/2017	Conventional	Cyanide	Total	=	102	%	ASTM D7511	-88	-88	64	136	
2016/17-4	000NONPJ	matrix spike, rec	1/17/2017	Conventional	Cyanide	Total	=	99	%	ASTM D7511	-88	-88	64	136	
2016/17-4	000NONPJ	matrix spike, rec	1/17/2017	Conventional	Cyanide	Total	=	103	%	ASTM D7511	-88	-88	64	136	
2016/17-4	000NONPJ	matrix spike, RPD	1/17/2017	Conventional	Cyanide	Total	=	0.2	%	ASTM D7511	-88	-88	0	47	
2016/17-4	000NONPJ	matrix spike, RPD	1/17/2017	Conventional	Cyanide	Total	=	3	%	ASTM D7511	-88	-88	0	47	
2016/17-4	Lab	LCS	1/17/2017	Conventional	Cyanide	Total	=	0.05	mg/L	ASTM D7511	0.0005	0.002			
2016/17-4	Lab	LCS dup	1/17/2017	Conventional	Cyanide	Total	=	0.0508	mg/L	ASTM D7511	0.0005	0.002			
2016/17-4	Lab	LCS dup, rec	1/17/2017	Conventional	Cyanide	Total	=	102	%	ASTM D7511	-88	-88	84	116	
2016/17-4	Lab	LCS, rec	1/17/2017	Conventional	Cyanide	Total	=	100	%	ASTM D7511	-88	-88	84	116	
2016/17-4	Lab	LCS, RPD	1/17/2017	Conventional	Cyanide	Total	=	2	%	ASTM D7511	-88	-88	0	12	
2016/17-4	Lab	method blank	1/17/2017	Conventional	Cyanide	Total	<	0.0005	mg/L	ASTM D7511	0.0005	0.002			
2016/17-4	Lab	LCS	1/17/2017	Conventional	Dissolved Inorganic Carbon	Dissolved	=	5.2	mg/L	SM 5310 C	0.5	0.5			
2016/17-4	Lab	LCS dup	1/17/2017	Conventional	Dissolved Inorganic Carbon	Dissolved	=	5.52	mg/L	SM 5310 C	0.5	0.5			
2016/17-4	Lab	LCS dup, rec	1/17/2017	Conventional	Dissolved Inorganic Carbon	Dissolved	=	110	%	SM 5310 C	-88	-88	85	115	
2016/17-4	Lab	LCS, rec	1/17/2017	Conventional	Dissolved Inorganic Carbon	Dissolved	=	104	%	SM 5310 C	-88	-88	85	115	
2016/17-4	Lab	LCS, RPD	1/17/2017	Conventional	Dissolved Inorganic Carbon	Dissolved	=	6	%	SM 5310 C	-88	-88	0	20	
2016/17-4	Lab	method blank	1/17/2017	Conventional	Dissolved Inorganic Carbon	Dissolved	<	0.5	mg/L	SM 5310 C	0.5	0.5			
2016/17-4	Lab	LCS	1/16/2017	Conventional	Dissolved Organic Carbon	Dissolved	=	5.13	mg/L	SM 5310 C	0.013	0.3			
2016/17-4	Lab	LCS	1/16/2017	Conventional	Dissolved Organic Carbon	Dissolved	=	10.3	mg/L	SM 5310 C	0.013	0.3			
2016/17-4	Lab	LCS dup	1/16/2017	Conventional	Dissolved Organic Carbon	Dissolved	=	10.5	mg/L	SM 5310 C	0.013	0.3			
2016/17-4	Lab	LCS dup, rec	1/16/2017	Conventional	Dissolved Organic Carbon	Dissolved	=	105	%	SM 5310 C	-88	-88	85	115	
2016/17-4	Lab	LCS, rec	1/16/2017	Conventional	Dissolved Organic Carbon	Dissolved	=	103	%	SM 5310 C	-88	-88	85	115	
2016/17-4	Lab	LCS, rec	1/16/2017	Conventional	Dissolved Organic Carbon	Dissolved	=	103	%	SM 5310 C	-88	-88	85	115	
2016/17-4	Lab	LCS, RPD	1/16/2017	Conventional	Dissolved Organic Carbon	Dissolved	=	2	%	SM 5310 C	-88	-88	0	20	
2016/17-4	Lab	method blank	1/16/2017	Conventional	Dissolved Organic Carbon	Dissolved	DNQ	0.0697	mg/L	SM 5310 C	0.013	0.3			IP
2016/17-4	Lab	method blank	1/16/2017	Conventional	Dissolved Organic Carbon	Dissolved	<	0.013	mg/L	SM 5310 C	0.013	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	
2016/17-4	000NONPJ	lab duplicate	1/6/2017	Conventional	MBAS	n/a	<	0.019	mg/L	SM 5540 C	0.019	0.05		20	
2016/17-4	000NONPJ	matrix spike	1/6/2017	Conventional	MBAS	n/a	=	0.452	mg/L	SM 5540 C	0.038	0.1			
2016/17-4	000NONPJ	matrix spike dup	1/6/2017	Conventional	MBAS	n/a	=	0.442	mg/L	SM 5540 C	0.038	0.1			
2016/17-4	000NONPJ	matrix spike dup, rec	1/6/2017	Conventional	MBAS	n/a	=	91	%	SM 5540 C	-88	-88	74	123	
2016/17-4	000NONPJ	matrix spike, rec	1/6/2017	Conventional	MBAS	n/a	=	94	%	SM 5540 C	-88	-88	74	123	
2016/17-4	000NONPJ	matrix spike, RPD	1/6/2017	Conventional	MBAS	n/a	=	2	%	SM 5540 C	-88	-88	0	20	
2016/17-4	Lab	LCS	1/6/2017	Conventional	MBAS	n/a	=	0.202	mg/L	SM 5540 C	0.019	0.05			
2016/17-4	Lab	LCS, rec	1/6/2017	Conventional	MBAS	n/a	=	101	%	SM 5540 C	-88	-88	82	115	
2016/17-4	Lab	method blank	1/6/2017	Conventional	MBAS	n/a	<	0.019	mg/L	SM 5540 C	0.019	0.05			
2016/17-4	000NONPJ	matrix spike	1/10/2017	Conventional	Phenolics	n/a	=	0.273	mg/L	EPA 420.4	0.0042	0.01			
2016/17-4	000NONPJ	matrix spike, rec	1/10/2017	Conventional	Phenolics	n/a	=	103	%	EPA 420.4	-88	-88	90	110	
2016/17-4	000NONPJ	matrix spike dup	1/10/2017	Conventional	Phenolics	n/a	=	0.276	mg/L	EPA 420.4	0.0042	0.01			
2016/17-4	000NONPJ	matrix spike dup, rec	1/10/2017	Conventional	Phenolics	n/a	=	104	%	EPA 420.4	-88	-88	90	110	
2016/17-4	000NONPJ	matrix spike, RPD	1/10/2017	Conventional	Phenolics	n/a	=	1	%	EPA 420.4	-88	-88	0	20	
2016/17-4	Lab	method blank	1/10/2017	Conventional	Phenolics	n/a	<	0.0042	mg/L	EPA 420.4	0.0042	0.01			
2016/17-4	Lab	LCS	1/10/2017	Conventional	Phenolics	n/a	=	0.103	mg/L	EPA 420.4	0.0042	0.01			
2016/17-4	Lab	LCS, rec	1/10/2017	Conventional	Phenolics	n/a	=	103	%	EPA 420.4	-88	-88	90	110	
2016/17-4	000NONPJ	lab duplicate	1/7/2017	Conventional	Specific Conductance	n/a	=	89.2	µmhos/cm	SM 2510 B	0.23	2		4.28	
2016/17-4	Lab	LCS	1/7/2017	Conventional	Specific Conductance	n/a	=	201	µmhos/cm	SM 2510 B	0.23	2			
2016/17-4	Lab	LCS, rec	1/7/2017	Conventional	Specific Conductance	n/a	=	100	%	SM 2510 B	-88	-88	95	105	
2016/17-4	Lab	method blank	1/7/2017	Conventional	Specific Conductance	n/a	DNQ	0.29	µmhos/cm	SM 2510 B	0.23	2			IP
2016/17-4	000NONPJ	lab duplicate	1/8/2017	Conventional	Total Dissolved Solids	n/a	=	297	mg/L	SM 2540 C	4	10		10	
2016/17-4	000NONPJ	lab duplicate	1/8/2017	Conventional	Total Dissolved Solids	n/a	=	4830	mg/L	SM 2540 C	4	10		10	
2016/17-4	Lab	LCS	1/8/2017	Conventional	Total Dissolved Solids	n/a	=	833	mg/L	SM 2540 C	4	10			
2016/17-4	Lab	LCS, rec	1/8/2017	Conventional	Total Dissolved Solids	n/a	=	101	%	SM 2540 C	-88	-88	96	102	
2016/17-4	Lab	method blank	1/8/2017	Conventional	Total Dissolved Solids	n/a	<	4	mg/L	SM 2540 C	4	10			
2016/17-4	000NONPJ	matrix spike	1/9/2017	Conventional	Total Organic Carbon	n/a	=	5.06	mg/L	SM 5310 C	0.009	0.3			
2016/17-4	000NONPJ	matrix spike dup	1/9/2017	Conventional	Total Organic Carbon	n/a	=	5.39	mg/L	SM 5310 C	0.009	0.3			
2016/17-4	000NONPJ	matrix spike dup, rec	1/9/2017	Conventional	Total Organic Carbon	n/a	=	104	%	SM 5310 C	-88	-88	80	116	
2016/17-4	000NONPJ	matrix spike, rec	1/9/2017	Conventional	Total Organic Carbon	n/a	=	98	%	SM 5310 C	-88	-88	80	116	
2016/17-4	000NONPJ	matrix spike, RPD	1/9/2017	Conventional	Total Organic Carbon	n/a	=	6	%	SM 5310 C	-88	-88	0	20	
2016/17-4	Lab	LCS	1/9/2017	Conventional	Total Organic Carbon	n/a	=	10.4	mg/L	SM 5310 C	0.009	0.3			
2016/17-4	Lab	LCS	1/9/2017	Conventional	Total Organic Carbon	n/a	=	5.12	mg/L	SM 5310 C	0.009	0.3			
2016/17-4	Lab	LCS, rec	1/9/2017	Conventional	Total Organic Carbon	n/a	=	102	%	SM 5310 C	-88	-88	85	115	
2016/17-4	Lab	LCS, rec	1/9/2017	Conventional	Total Organic Carbon	n/a	=	104	%	SM 5310 C	-88	-88	85	115	
2016/17-4	Lab	method blank	1/9/2017	Conventional	Total Organic Carbon	n/a	DNQ	0.0992	mg/L	SM 5310 C	0.009	0.3			IP
2016/17-4	Lab	method blank	1/9/2017	Conventional	Total Organic Carbon	n/a	DNQ	0.136	mg/L	SM 5310 C	0.009	0.3			IP
2016/17-4	000NONPJ	lab duplicate	1/10/2017	Conventional	Total Suspended Solids	n/a	DNQ	3	mg/L	SM 2540 D	-88	5		20	
2016/17-4	Lab	LCS	1/10/2017	Conventional	Total Suspended Solids	n/a	=	262	mg/L	SM 2540 D	-88	5			
2016/17-4	Lab	LCS, rec	1/10/2017	Conventional	Total Suspended Solids	n/a	=	109	%	SM 2540 D	-88	-88	90	110	
2016/17-4	Lab	method blank	1/10/2017	Conventional	Total Suspended Solids	n/a	<	5	mg/L	SM 2540 D	-88	5			
2016/17-4	ME-SCR	lab duplicate	1/10/2017	Conventional	Total Suspended Solids	n/a	=	210	mg/L	SM 2540 D	-88	5		20	
2016/17-4	000NONPJ	lab duplicate	1/6/2017	Conventional	Turbidity	n/a	=	4.64	NTU	EPA 180.1	0.024	0.1		10	
2016/17-4	Lab	LCS	1/6/2017	Conventional	Turbidity	n/a	=	7.55	NTU	EPA 180.1	0.024	0.1			
2016/17-4	Lab	LCS, rec	1/6/2017	Conventional	Turbidity	n/a	=	103	%	EPA 180.1	-88	-88	90	110	
2016/17-4	Lab	method blank	1/6/2017	Conventional	Turbidity	n/a	<	0.024	NTU	EPA 180.1	0.024	0.1			
2016/17-4	000NONPJ	lab duplicate	1/10/2017	Conventional	Volatile Suspended Solids	n/a	<	3.1	mg/L	EPA 160.4	3.1	5		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	
2016/17-4	Lab	method blank	1/10/2017	Conventional	Volatile Suspended Solids	n/a	<	3.1	mg/L	EPA 160.4	3.1	5			
2016/17-4	ME-SCR	lab duplicate	1/10/2017	Conventional	Volatile Suspended Solids	n/a	=	42	mg/L	EPA 160.4	3.1	5		15	
2016/17-4	Lab	method blank	1/24/2017	Hydrocarbon	Diesel Range Organics	n/a	DNQ	0.0559	mg/L	EPA 8015D	0.024	0.1			IP
2016/17-4	Lab	LCS	1/24/2017	Hydrocarbon	Diesel Range Organics	n/a	=	0.518	mg/L	EPA 8015D	0.024	0.1			
2016/17-4	Lab	LCS, rec	1/24/2017	Hydrocarbon	Diesel Range Organics	n/a	=	104	%	EPA 8015D	-88	-88	56	136	
2016/17-4	Lab	LCS dup	1/24/2017	Hydrocarbon	Diesel Range Organics	n/a	=	0.524	mg/L	EPA 8015D	0.024	0.1			
2016/17-4	Lab	LCS dup, rec	1/24/2017	Hydrocarbon	Diesel Range Organics	n/a	=	105	%	EPA 8015D	-88	-88	56	136	
2016/17-4	Lab	LCS, RPD	1/24/2017	Hydrocarbon	Diesel Range Organics	n/a	=	1	%	EPA 8015D	-88	-88	0	25	
2016/17-4	Lab	LCS	1/9/2017	Hydrocarbon	Gasoline Range Organics	n/a	=	1.04	mg/L	EPA 8015D	0.044	0.1			
2016/17-4	Lab	LCS, rec	1/9/2017	Hydrocarbon	Gasoline Range Organics	n/a	=	104	%	EPA 8015D	-88	-88	75	123	
2016/17-4	Lab	LCS dup	1/9/2017	Hydrocarbon	Gasoline Range Organics	n/a	=	0.949	mg/L	EPA 8015D	0.044	0.1			
2016/17-4	Lab	LCS dup, rec	1/9/2017	Hydrocarbon	Gasoline Range Organics	n/a	=	95	%	EPA 8015D	-88	-88	75	123	
2016/17-4	Lab	LCS, RPD	1/9/2017	Hydrocarbon	Gasoline Range Organics	n/a	=	9	%	EPA 8015D	-88	-88	0	25	
2016/17-4	Lab	method blank	1/9/2017	Hydrocarbon	Gasoline Range Organics	n/a	<	0.044	mg/L	EPA 8015D	0.044	0.1			
2016/17-4	Lab	srgt method blank	1/24/2017	Hydrocarbon	n-Tetracosane	n/a	=	0.275	mg/L	EPA 8015D	-88	-88			
2016/17-4	Lab	srgt method blank, rec	1/24/2017	Hydrocarbon	n-Tetracosane	n/a	=	110	%	EPA 8015D	-88	-88	64	155	
2016/17-4	Lab	srgt LCS	1/24/2017	Hydrocarbon	n-Tetracosane	n/a	=	0.291	mg/L	EPA 8015D	-88	-88			
2016/17-4	Lab	srgt LCS, rec	1/24/2017	Hydrocarbon	n-Tetracosane	n/a	=	116	%	EPA 8015D	-88	-88	64	155	
2016/17-4	Lab	srgt LCS dup	1/24/2017	Hydrocarbon	n-Tetracosane	n/a	=	0.296	mg/L	EPA 8015D	-88	-88			
2016/17-4	Lab	srgt LCS dup, rec	1/24/2017	Hydrocarbon	n-Tetracosane	n/a	=	118	%	EPA 8015D	-88	-88	64	155	
2016/17-4	ME-SCR	srgt environ	1/25/2017	Hydrocarbon	n-Tetracosane	n/a	=	0.282	mg/L	EPA 8015D	-88	-88			
2016/17-4	ME-SCR	srgt environ, rec	1/25/2017	Hydrocarbon	n-Tetracosane	n/a	=	113	%	EPA 8015D	-88	-88	64	155	
2016/17-4	Lab	LCS	1/18/2017	Hydrocarbon	Oil and Grease	n/a	DNQ	4.8	mg/L	EPA 1664A	1.3	5			
2016/17-4	Lab	LCS	1/18/2017	Hydrocarbon	Oil and Grease	n/a	=	18.6	mg/L	EPA 1664A	1.3	5			
2016/17-4	Lab	LCS dup	1/18/2017	Hydrocarbon	Oil and Grease	n/a	=	17.4	mg/L	EPA 1664A	1.3	5			
2016/17-4	Lab	LCS dup, rec	1/18/2017	Hydrocarbon	Oil and Grease	n/a	=	87	%	EPA 1664A	-88	-88	78	114	
2016/17-4	Lab	LCS, rec	1/18/2017	Hydrocarbon	Oil and Grease	n/a	=	93	%	EPA 1664A	-88	-88	78	114	
2016/17-4	Lab	LCS, rec	1/18/2017	Hydrocarbon	Oil and Grease	n/a	=	96	%	EPA 1664A	-88	-88	78	114	
2016/17-4	Lab	LCS, RPD	1/18/2017	Hydrocarbon	Oil and Grease	n/a	=	7	%	EPA 1664A	-88	-88	0	18	
2016/17-4	Lab	method blank	1/18/2017	Hydrocarbon	Oil and Grease	n/a	<	1.3	mg/L	EPA 1664A	1.3	5			
2016/17-4	ME-SCR	matrix spike	1/18/2017	Hydrocarbon	Oil and Grease	n/a	=	22.4	mg/L	EPA 1664A	1.3	5			
2016/17-4	ME-SCR	matrix spike, rec	1/18/2017	Hydrocarbon	Oil and Grease	n/a	=	78	%	EPA 1664A	-88	-88	78	114	
2016/17-4	Lab	method blank	1/24/2017	Hydrocarbon	Oil Range Organics	n/a	<	0.33	mg/L	EPA 8015D	0.33	0.5			
2016/17-4	Lab	method blank	1/24/2017	Metal	Aluminum	Dissolved	<	1.3	µg/L	EPA 200.8	1.3	5			
2016/17-4	Lab	LCS	1/24/2017	Metal	Aluminum	Dissolved	=	53.1	µg/L	EPA 200.8	1.3	5			
2016/17-4	Lab	LCS, rec	1/24/2017	Metal	Aluminum	Dissolved	=	106	%	EPA 200.8	-88	-88	85	115	
2016/17-4	000NONPJ	matrix spike	1/25/2017	Metal	Aluminum	Total	=	545	µg/L	EPA 200.8	13	50			GB
2016/17-4	000NONPJ	matrix spike, rec	1/25/2017	Metal	Aluminum	Total	=	138	%	EPA 200.8	-88	-88	70	130	GB
2016/17-4	000NONPJ	matrix spike dup	1/25/2017	Metal	Aluminum	Total	=	536	µg/L	EPA 200.8	13	50			
2016/17-4	000NONPJ	matrix spike dup, rec	1/25/2017	Metal	Aluminum	Total	=	121	%	EPA 200.8	-88	-88	70	130	
2016/17-4	000NONPJ	matrix spike, RPD	1/25/2017	Metal	Aluminum	Total	=	2	%	EPA 200.8	-88	-88	0	30	
2016/17-4	Lab	method blank	1/25/2017	Metal	Aluminum	Total	DNQ	1.33	µg/L	EPA 200.8	1.3	5			IP
2016/17-4	Lab	LCS	1/25/2017	Metal	Aluminum	Total	=	50.7	µg/L	EPA 200.8	1.3	5			
2016/17-4	Lab	LCS, rec	1/25/2017	Metal	Aluminum	Total	=	101	%	EPA 200.8	-88	-88	85	115	
2016/17-4	Lab	method blank	1/24/2017	Metal	Antimony	Dissolved	<	0.045	µg/L	EPA 200.8	0.045	0.5			
2016/17-4	Lab	LCS	1/24/2017	Metal	Antimony	Dissolved	=	51	µg/L	EPA 200.8	0.045	0.5			
2016/17-4	Lab	LCS, rec	1/24/2017	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	
2016/17-4	000NONPJ	matrix spike	1/24/2017	Metal	Antimony	Total	=	51.7	µg/L	EPA 200.8	0.045	0.5			
2016/17-4	000NONPJ	matrix spike, rec	1/24/2017	Metal	Antimony	Total	=	103	%	EPA 200.8	-88	-88	70	130	
2016/17-4	000NONPJ	matrix spike dup	1/24/2017	Metal	Antimony	Total	=	52.7	µg/L	EPA 200.8	0.045	0.5			
2016/17-4	000NONPJ	matrix spike dup, rec	1/24/2017	Metal	Antimony	Total	=	105	%	EPA 200.8	-88	-88	70	130	
2016/17-4	000NONPJ	matrix spike, RPD	1/24/2017	Metal	Antimony	Total	=	2	%	EPA 200.8	-88	-88	0	30	
2016/17-4	Lab	method blank	1/24/2017	Metal	Antimony	Total	<	0.045	µg/L	EPA 200.8	0.045	0.5			
2016/17-4	Lab	LCS	1/24/2017	Metal	Antimony	Total	=	51	µg/L	EPA 200.8	0.045	0.5			
2016/17-4	Lab	LCS, rec	1/24/2017	Metal	Antimony	Total	=	102	%	EPA 200.8	-88	-88	85	115	
2016/17-4	Lab	method blank	1/24/2017	Metal	Arsenic	Dissolved	<	0.074	µg/L	EPA 200.8	0.074	0.4			
2016/17-4	Lab	LCS	1/24/2017	Metal	Arsenic	Dissolved	=	49.6	µg/L	EPA 200.8	0.074	0.4			
2016/17-4	Lab	LCS, rec	1/24/2017	Metal	Arsenic	Dissolved	=	99	%	EPA 200.8	-88	-88	85	115	
2016/17-4	000NONPJ	matrix spike	1/24/2017	Metal	Arsenic	Total	=	48.9	µg/L	EPA 200.8	0.074	0.4			
2016/17-4	000NONPJ	matrix spike, rec	1/24/2017	Metal	Arsenic	Total	=	97	%	EPA 200.8	-88	-88	70	130	
2016/17-4	000NONPJ	matrix spike dup	1/24/2017	Metal	Arsenic	Total	=	49.5	µg/L	EPA 200.8	0.074	0.4			
2016/17-4	000NONPJ	matrix spike dup, rec	1/24/2017	Metal	Arsenic	Total	=	98	%	EPA 200.8	-88	-88	70	130	
2016/17-4	000NONPJ	matrix spike, RPD	1/24/2017	Metal	Arsenic	Total	=	1	%	EPA 200.8	-88	-88	0	30	
2016/17-4	Lab	method blank	1/24/2017	Metal	Arsenic	Total	<	0.074	µg/L	EPA 200.8	0.074	0.4			
2016/17-4	Lab	LCS	1/24/2017	Metal	Arsenic	Total	=	49.6	µg/L	EPA 200.8	0.074	0.4			
2016/17-4	Lab	LCS, rec	1/24/2017	Metal	Arsenic	Total	=	99	%	EPA 200.8	-88	-88	85	115	
2016/17-4	000NONPJ	matrix spike	1/24/2017	Metal	Barium	Total	=	63.4	µg/L	EPA 200.8	0.071	0.5			
2016/17-4	000NONPJ	matrix spike, rec	1/24/2017	Metal	Barium	Total	=	103	%	EPA 200.8	-88	-88	70	130	
2016/17-4	000NONPJ	matrix spike dup	1/24/2017	Metal	Barium	Total	=	63.3	µg/L	EPA 200.8	0.071	0.5			
2016/17-4	000NONPJ	matrix spike dup, rec	1/24/2017	Metal	Barium	Total	=	103	%	EPA 200.8	-88	-88	70	130	
2016/17-4	000NONPJ	matrix spike, RPD	1/24/2017	Metal	Barium	Total	=	0.1	%	EPA 200.8	-88	-88	0	30	
2016/17-4	Lab	method blank	1/24/2017	Metal	Barium	Total	<	0.071	µg/L	EPA 200.8	0.071	0.5			
2016/17-4	Lab	LCS	1/24/2017	Metal	Barium	Total	=	50.1	µg/L	EPA 200.8	0.071	0.5			
2016/17-4	Lab	LCS, rec	1/24/2017	Metal	Barium	Total	=	100	%	EPA 200.8	-88	-88	85	115	
2016/17-4	Lab	method blank	1/24/2017	Metal	Beryllium	Dissolved	<	0.033	µg/L	EPA 200.8	0.033	0.1			
2016/17-4	Lab	LCS	1/24/2017	Metal	Beryllium	Dissolved	=	49.1	µg/L	EPA 200.8	0.033	0.1			
2016/17-4	Lab	LCS, rec	1/24/2017	Metal	Beryllium	Dissolved	=	98	%	EPA 200.8	-88	-88	85	115	
2016/17-4	000NONPJ	matrix spike	1/24/2017	Metal	Beryllium	Total	=	52.2	µg/L	EPA 200.8	0.033	0.1			
2016/17-4	000NONPJ	matrix spike, rec	1/24/2017	Metal	Beryllium	Total	=	104	%	EPA 200.8	-88	-88	70	130	
2016/17-4	000NONPJ	matrix spike dup	1/24/2017	Metal	Beryllium	Total	=	52.5	µg/L	EPA 200.8	0.033	0.1			
2016/17-4	000NONPJ	matrix spike dup, rec	1/24/2017	Metal	Beryllium	Total	=	105	%	EPA 200.8	-88	-88	70	130	
2016/17-4	000NONPJ	matrix spike, RPD	1/24/2017	Metal	Beryllium	Total	=	0.7	%	EPA 200.8	-88	-88	0	30	
2016/17-4	Lab	method blank	1/24/2017	Metal	Beryllium	Total	<	0.033	µg/L	EPA 200.8	0.033	0.1			
2016/17-4	Lab	LCS	1/24/2017	Metal	Beryllium	Total	=	49.1	µg/L	EPA 200.8	0.033	0.1			
2016/17-4	Lab	LCS, rec	1/24/2017	Metal	Beryllium	Total	=	98	%	EPA 200.8	-88	-88	85	115	
2016/17-4	Lab	method blank	1/24/2017	Metal	Cadmium	Dissolved	<	0.041	µg/L	EPA 200.8	0.041	0.1			
2016/17-4	Lab	LCS	1/24/2017	Metal	Cadmium	Dissolved	=	48.9	µg/L	EPA 200.8	0.041	0.1			
2016/17-4	Lab	LCS, rec	1/24/2017	Metal	Cadmium	Dissolved	=	98	%	EPA 200.8	-88	-88	85	115	
2016/17-4	000NONPJ	matrix spike	1/24/2017	Metal	Cadmium	Total	=	48.2	µg/L	EPA 200.8	0.041	0.1			
2016/17-4	000NONPJ	matrix spike, rec	1/24/2017	Metal	Cadmium	Total	=	96	%	EPA 200.8	-88	-88	70	130	
2016/17-4	000NONPJ	matrix spike dup	1/24/2017	Metal	Cadmium	Total	=	49.4	µg/L	EPA 200.8	0.041	0.1			
2016/17-4	000NONPJ	matrix spike dup, rec	1/24/2017	Metal	Cadmium	Total	=	99	%	EPA 200.8	-88	-88	70	130	
2016/17-4	000NONPJ	matrix spike, RPD	1/24/2017	Metal	Cadmium	Total	=	2	%	EPA 200.8	-88	-88	0	30	
2016/17-4	Lab	method blank	1/24/2017	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	
2016/17-4	Lab	LCS	1/24/2017	Metal	Cadmium	Total	=	48.9	µg/L	EPA 200.8	0.041	0.1			
2016/17-4	Lab	LCS, rec	1/24/2017	Metal	Cadmium	Total	=	98	%	EPA 200.8	-88	-88	85	115	
2016/17-4	Lab	method blank	1/24/2017	Metal	Chromium	Dissolved	DNQ	0.0358	µg/L	EPA 200.8	0.035	0.2			IP
2016/17-4	Lab	LCS	1/24/2017	Metal	Chromium	Dissolved	=	49.2	µg/L	EPA 200.8	0.035	0.2			
2016/17-4	Lab	LCS, rec	1/24/2017	Metal	Chromium	Dissolved	=	98	%	EPA 200.8	-88	-88	85	115	
2016/17-4	000NONPJ	matrix spike	1/24/2017	Metal	Chromium	Total	=	48.7	µg/L	EPA 200.8	0.035	0.2			
2016/17-4	000NONPJ	matrix spike, rec	1/24/2017	Metal	Chromium	Total	=	95	%	EPA 200.8	-88	-88	70	130	
2016/17-4	000NONPJ	matrix spike dup	1/24/2017	Metal	Chromium	Total	=	50	µg/L	EPA 200.8	0.035	0.2			
2016/17-4	000NONPJ	matrix spike dup, rec	1/24/2017	Metal	Chromium	Total	=	98	%	EPA 200.8	-88	-88	70	130	
2016/17-4	000NONPJ	matrix spike, RPD	1/24/2017	Metal	Chromium	Total	=	3	%	EPA 200.8	-88	-88	0	30	
2016/17-4	Lab	method blank	1/24/2017	Metal	Chromium	Total	<	0.035	µg/L	EPA 200.8	0.035	0.2			
2016/17-4	Lab	LCS	1/24/2017	Metal	Chromium	Total	=	49.2	µg/L	EPA 200.8	0.035	0.2			
2016/17-4	Lab	LCS, rec	1/24/2017	Metal	Chromium	Total	=	98	%	EPA 200.8	-88	-88	85	115	
2016/17-4	000NONPJ	matrix spike	1/19/2017	Metal	Chromium VI	n/a	=	5.31	µg/L	EPA 218.6	0.0048	0.02			
2016/17-4	000NONPJ	matrix spike dup	1/19/2017	Metal	Chromium VI	n/a	=	5.36	µg/L	EPA 218.6	0.0048	0.02			
2016/17-4	000NONPJ	matrix spike dup, rec	1/19/2017	Metal	Chromium VI	n/a	=	102	%	EPA 218.6	-88	-88	88	112	
2016/17-4	000NONPJ	matrix spike, rec	1/19/2017	Metal	Chromium VI	n/a	=	101	%	EPA 218.6	-88	-88	88	112	
2016/17-4	000NONPJ	matrix spike, RPD	1/19/2017	Metal	Chromium VI	n/a	=	0.9	%	EPA 218.6	-88	-88	0	10	
2016/17-4	Lab	LCS	1/19/2017	Metal	Chromium VI	n/a	=	5.5	µg/L	EPA 218.6	0.0048	0.02			
2016/17-4	Lab	LCS, rec	1/19/2017	Metal	Chromium VI	n/a	=	110	%	EPA 218.6	-88	-88	90	110	
2016/17-4	Lab	method blank	1/19/2017	Metal	Chromium VI	n/a	<	0.0048	µg/L	EPA 218.6	0.0048	0.02			
2016/17-4	Lab	method blank	1/24/2017	Metal	Copper	Dissolved	<	0.13	µg/L	EPA 200.8	0.13	0.5			
2016/17-4	Lab	LCS	1/24/2017	Metal	Copper	Dissolved	=	52	µg/L	EPA 200.8	0.13	0.5			
2016/17-4	Lab	LCS, rec	1/24/2017	Metal	Copper	Dissolved	=	104	%	EPA 200.8	-88	-88	85	115	
2016/17-4	000NONPJ	matrix spike	1/24/2017	Metal	Copper	Total	=	54	µg/L	EPA 200.8	0.13	0.5			
2016/17-4	000NONPJ	matrix spike, rec	1/24/2017	Metal	Copper	Total	=	99	%	EPA 200.8	-88	-88	70	130	
2016/17-4	000NONPJ	matrix spike dup	1/24/2017	Metal	Copper	Total	=	55.1	µg/L	EPA 200.8	0.13	0.5			
2016/17-4	000NONPJ	matrix spike dup, rec	1/24/2017	Metal	Copper	Total	=	101	%	EPA 200.8	-88	-88	70	130	
2016/17-4	000NONPJ	matrix spike, RPD	1/24/2017	Metal	Copper	Total	=	2	%	EPA 200.8	-88	-88	0	30	
2016/17-4	Lab	method blank	1/24/2017	Metal	Copper	Total	<	0.13	µg/L	EPA 200.8	0.13	0.5			
2016/17-4	Lab	LCS	1/24/2017	Metal	Copper	Total	=	52	µg/L	EPA 200.8	0.13	0.5			
2016/17-4	Lab	LCS, rec	1/24/2017	Metal	Copper	Total	=	104	%	EPA 200.8	-88	-88	85	115	
2016/17-4	Lab	method blank	1/20/2017	Metal	Iron	Dissolved	<	1.1	µg/L	EPA 200.7	1.1	10			
2016/17-4	Lab	LCS	1/20/2017	Metal	Iron	Dissolved	=	186	µg/L	EPA 200.7	1.1	10			
2016/17-4	Lab	LCS, rec	1/20/2017	Metal	Iron	Dissolved	=	93	%	EPA 200.7	-88	-88	85	115	
2016/17-4	000NONPJ	matrix spike	1/20/2017	Metal	Iron	Total	=	1130	µg/L	EPA 200.7	1.1	10			
2016/17-4	000NONPJ	matrix spike, rec	1/20/2017	Metal	Iron	Total	=	116	%	EPA 200.7	-88	-88	70	130	
2016/17-4	000NONPJ	matrix spike dup	1/20/2017	Metal	Iron	Total	=	1120	µg/L	EPA 200.7	1.1	10			
2016/17-4	000NONPJ	matrix spike dup, rec	1/20/2017	Metal	Iron	Total	=	111	%	EPA 200.7	-88	-88	70	130	
2016/17-4	000NONPJ	matrix spike, RPD	1/20/2017	Metal	Iron	Total	=	0.9	%	EPA 200.7	-88	-88	0	30	
2016/17-4	000NONPJ	matrix spike	1/20/2017	Metal	Iron	Total	=	1900	µg/L	EPA 200.7	1.1	10			
2016/17-4	000NONPJ	matrix spike, rec	1/20/2017	Metal	Iron	Total	=	118	%	EPA 200.7	-88	-88	70	130	
2016/17-4	000NONPJ	matrix spike dup	1/20/2017	Metal	Iron	Total	=	1900	µg/L	EPA 200.7	1.1	10			
2016/17-4	000NONPJ	matrix spike dup, rec	1/20/2017	Metal	Iron	Total	=	118	%	EPA 200.7	-88	-88	70	130	
2016/17-4	000NONPJ	matrix spike, RPD	1/20/2017	Metal	Iron	Total	=	0.06	%	EPA 200.7	-88	-88	0	30	
2016/17-4	Lab	method blank	1/20/2017	Metal	Iron	Total	<	1.1	µg/L	EPA 200.7	1.1	10			
2016/17-4	Lab	LCS	1/20/2017	Metal	Iron	Total	=	186	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	
2016/17-4	Lab	LCS, rec	1/20/2017	Metal	Iron	Total	=	93	%	EPA 200.7	-88	-88	85	115	
2016/17-4	Lab	method blank	1/24/2017	Metal	Lead	Dissolved	<	0.031	µg/L	EPA 200.8	0.031	0.2			
2016/17-4	Lab	LCS	1/24/2017	Metal	Lead	Dissolved	=	49	µg/L	EPA 200.8	0.031	0.2			
2016/17-4	Lab	LCS, rec	1/24/2017	Metal	Lead	Dissolved	=	98	%	EPA 200.8	-88	-88	85	115	
2016/17-4	000NONPJ	matrix spike	1/24/2017	Metal	Lead	Total	=	50.8	µg/L	EPA 200.8	0.031	0.2			
2016/17-4	000NONPJ	matrix spike, rec	1/24/2017	Metal	Lead	Total	=	100	%	EPA 200.8	-88	-88	70	130	
2016/17-4	000NONPJ	matrix spike dup	1/24/2017	Metal	Lead	Total	=	50.9	µg/L	EPA 200.8	0.031	0.2			
2016/17-4	000NONPJ	matrix spike dup, rec	1/24/2017	Metal	Lead	Total	=	100	%	EPA 200.8	-88	-88	70	130	
2016/17-4	000NONPJ	matrix spike, RPD	1/24/2017	Metal	Lead	Total	=	0.3	%	EPA 200.8	-88	-88	0	30	
2016/17-4	Lab	method blank	1/24/2017	Metal	Lead	Total	<	0.031	µg/L	EPA 200.8	0.031	0.2			
2016/17-4	Lab	LCS	1/24/2017	Metal	Lead	Total	=	49	µg/L	EPA 200.8	0.031	0.2			
2016/17-4	Lab	LCS, rec	1/24/2017	Metal	Lead	Total	=	98	%	EPA 200.8	-88	-88	85	115	
2016/17-4	000NONPJ	matrix spike	1/18/2017	Metal	Mercury	Dissolved	=	1090	ng/L	EPA 245.1	17	50			
2016/17-4	000NONPJ	matrix spike, rec	1/18/2017	Metal	Mercury	Dissolved	=	109	%	EPA 245.1	-88	-88	70	130	
2016/17-4	000NONPJ	matrix spike dup	1/18/2017	Metal	Mercury	Dissolved	=	1090	ng/L	EPA 245.1	17	50			
2016/17-4	000NONPJ	matrix spike dup, rec	1/18/2017	Metal	Mercury	Dissolved	=	109	%	EPA 245.1	-88	-88	70	130	
2016/17-4	000NONPJ	matrix spike, RPD	1/18/2017	Metal	Mercury	Dissolved	=	0	%	EPA 245.1	-88	-88	0	20	
2016/17-4	000NONPJ	matrix spike	1/18/2017	Metal	Mercury	Dissolved	=	1110	ng/L	EPA 245.1	17	50			
2016/17-4	000NONPJ	matrix spike, rec	1/18/2017	Metal	Mercury	Dissolved	=	111	%	EPA 245.1	-88	-88	70	130	
2016/17-4	000NONPJ	matrix spike dup	1/18/2017	Metal	Mercury	Dissolved	=	1100	ng/L	EPA 245.1	17	50			
2016/17-4	000NONPJ	matrix spike dup, rec	1/18/2017	Metal	Mercury	Dissolved	=	110	%	EPA 245.1	-88	-88	70	130	
2016/17-4	000NONPJ	matrix spike, RPD	1/18/2017	Metal	Mercury	Dissolved	=	0.9	%	EPA 245.1	-88	-88	0	20	
2016/17-4	Lab	method blank	1/18/2017	Metal	Mercury	Dissolved	<	17	ng/L	EPA 245.1	17	50			
2016/17-4	Lab	LCS	1/18/2017	Metal	Mercury	Dissolved	=	1090	ng/L	EPA 245.1	17	50			
2016/17-4	Lab	LCS, rec	1/18/2017	Metal	Mercury	Dissolved	=	109	%	EPA 245.1	-88	-88	85	115	
2016/17-4	000NONPJ	matrix spike	1/18/2017	Metal	Mercury	Total	=	1090	ng/L	EPA 245.1	17	50			
2016/17-4	000NONPJ	matrix spike, rec	1/18/2017	Metal	Mercury	Total	=	109	%	EPA 245.1	-88	-88	70	130	
2016/17-4	000NONPJ	matrix spike dup	1/18/2017	Metal	Mercury	Total	=	1090	ng/L	EPA 245.1	17	50			
2016/17-4	000NONPJ	matrix spike dup, rec	1/18/2017	Metal	Mercury	Total	=	109	%	EPA 245.1	-88	-88	70	130	
2016/17-4	000NONPJ	matrix spike, RPD	1/18/2017	Metal	Mercury	Total	=	0	%	EPA 245.1	-88	-88	0	20	
2016/17-4	000NONPJ	matrix spike	1/18/2017	Metal	Mercury	Total	=	1110	ng/L	EPA 245.1	17	50			
2016/17-4	000NONPJ	matrix spike, rec	1/18/2017	Metal	Mercury	Total	=	111	%	EPA 245.1	-88	-88	70	130	
2016/17-4	000NONPJ	matrix spike dup	1/18/2017	Metal	Mercury	Total	=	1100	ng/L	EPA 245.1	17	50			
2016/17-4	000NONPJ	matrix spike dup, rec	1/18/2017	Metal	Mercury	Total	=	110	%	EPA 245.1	-88	-88	70	130	
2016/17-4	000NONPJ	matrix spike, RPD	1/18/2017	Metal	Mercury	Total	=	0.9	%	EPA 245.1	-88	-88	0	20	
2016/17-4	Lab	method blank	1/18/2017	Metal	Mercury	Total	<	17	ng/L	EPA 245.1	17	50			
2016/17-4	Lab	LCS	1/18/2017	Metal	Mercury	Total	=	1090	ng/L	EPA 245.1	17	50			
2016/17-4	Lab	LCS, rec	1/18/2017	Metal	Mercury	Total	=	109	%	EPA 245.1	-88	-88	85	115	
2016/17-4	Lab	method blank	1/24/2017	Metal	Nickel	Dissolved	<	0.045	µg/L	EPA 200.8	0.045	0.8			
2016/17-4	Lab	LCS	1/24/2017	Metal	Nickel	Dissolved	=	49.2	µg/L	EPA 200.8	0.045	0.8			
2016/17-4	Lab	LCS, rec	1/24/2017	Metal	Nickel	Dissolved	=	98	%	EPA 200.8	-88	-88	85	115	
2016/17-4	000NONPJ	matrix spike	1/24/2017	Metal	Nickel	Total	=	50.5	µg/L	EPA 200.8	0.045	0.8			
2016/17-4	000NONPJ	matrix spike, rec	1/24/2017	Metal	Nickel	Total	=	93	%	EPA 200.8	-88	-88	70	130	
2016/17-4	000NONPJ	matrix spike dup	1/24/2017	Metal	Nickel	Total	=	51.1	µg/L	EPA 200.8	0.045	0.8			
2016/17-4	000NONPJ	matrix spike dup, rec	1/24/2017	Metal	Nickel	Total	=	94	%	EPA 200.8	-88	-88	70	130	
2016/17-4	000NONPJ	matrix spike, RPD	1/24/2017	Metal	Nickel	Total	=	1	%	EPA 200.8	-88	-88	0	30	
2016/17-4	Lab	method blank	1/24/2017	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	
2016/17-4	Lab	LCS	1/24/2017	Metal	Nickel	Total	=	49.2	µg/L	EPA 200.8	0.045	0.8			
2016/17-4	Lab	LCS, rec	1/24/2017	Metal	Nickel	Total	=	98	%	EPA 200.8	-88	-88	85	115	
2016/17-4	Lab	method blank	1/24/2017	Metal	Selenium	Dissolved	<	0.14	µg/L	EPA 200.8	0.14	0.4			
2016/17-4	Lab	LCS	1/24/2017	Metal	Selenium	Dissolved	=	47.5	µg/L	EPA 200.8	0.14	0.4			
2016/17-4	Lab	LCS, rec	1/24/2017	Metal	Selenium	Dissolved	=	95	%	EPA 200.8	-88	-88	85	115	
2016/17-4	000NONPJ	matrix spike	1/24/2017	Metal	Selenium	Total	=	42.8	µg/L	EPA 200.8	0.14	0.4			
2016/17-4	000NONPJ	matrix spike, rec	1/24/2017	Metal	Selenium	Total	=	86	%	EPA 200.8	-88	-88	70	130	
2016/17-4	000NONPJ	matrix spike dup	1/24/2017	Metal	Selenium	Total	=	45	µg/L	EPA 200.8	0.14	0.4			
2016/17-4	000NONPJ	matrix spike dup, rec	1/24/2017	Metal	Selenium	Total	=	90	%	EPA 200.8	-88	-88	70	130	
2016/17-4	000NONPJ	matrix spike, RPD	1/24/2017	Metal	Selenium	Total	=	5	%	EPA 200.8	-88	-88	0	30	
2016/17-4	Lab	method blank	1/24/2017	Metal	Selenium	Total	<	0.14	µg/L	EPA 200.8	0.14	0.4			
2016/17-4	Lab	LCS	1/24/2017	Metal	Selenium	Total	=	47.5	µg/L	EPA 200.8	0.14	0.4			
2016/17-4	Lab	LCS, rec	1/24/2017	Metal	Selenium	Total	=	95	%	EPA 200.8	-88	-88	85	115	
2016/17-4	Lab	method blank	1/24/2017	Metal	Silver	Dissolved	<	0.062	µg/L	EPA 200.8	0.062	0.2			
2016/17-4	Lab	LCS	1/24/2017	Metal	Silver	Dissolved	=	47.5	µg/L	EPA 200.8	0.062	0.2			
2016/17-4	Lab	LCS, rec	1/24/2017	Metal	Silver	Dissolved	=	95	%	EPA 200.8	-88	-88	85	115	
2016/17-4	000NONPJ	matrix spike	1/24/2017	Metal	Silver	Total	=	47.4	µg/L	EPA 200.8	0.062	0.2			
2016/17-4	000NONPJ	matrix spike, rec	1/24/2017	Metal	Silver	Total	=	95	%	EPA 200.8	-88	-88	70	130	
2016/17-4	000NONPJ	matrix spike dup	1/24/2017	Metal	Silver	Total	=	48.2	µg/L	EPA 200.8	0.062	0.2			
2016/17-4	000NONPJ	matrix spike dup, rec	1/24/2017	Metal	Silver	Total	=	96	%	EPA 200.8	-88	-88	70	130	
2016/17-4	000NONPJ	matrix spike, RPD	1/24/2017	Metal	Silver	Total	=	2	%	EPA 200.8	-88	-88	0	30	
2016/17-4	Lab	method blank	1/24/2017	Metal	Silver	Total	<	0.062	µg/L	EPA 200.8	0.062	0.2			
2016/17-4	Lab	LCS	1/24/2017	Metal	Silver	Total	=	47.5	µg/L	EPA 200.8	0.062	0.2			
2016/17-4	Lab	LCS, rec	1/24/2017	Metal	Silver	Total	=	95	%	EPA 200.8	-88	-88	85	115	
2016/17-4	Lab	method blank	1/24/2017	Metal	Thallium	Dissolved	<	0.014	µg/L	EPA 200.8	0.014	0.2			
2016/17-4	Lab	LCS	1/24/2017	Metal	Thallium	Dissolved	=	50.7	µg/L	EPA 200.8	0.014	0.2			
2016/17-4	Lab	LCS, rec	1/24/2017	Metal	Thallium	Dissolved	=	101	%	EPA 200.8	-88	-88	85	115	
2016/17-4	000NONPJ	matrix spike	1/24/2017	Metal	Thallium	Total	=	50.6	µg/L	EPA 200.8	0.014	0.2			
2016/17-4	000NONPJ	matrix spike, rec	1/24/2017	Metal	Thallium	Total	=	101	%	EPA 200.8	-88	-88	70	130	
2016/17-4	000NONPJ	matrix spike dup	1/24/2017	Metal	Thallium	Total	=	51.5	µg/L	EPA 200.8	0.014	0.2			
2016/17-4	000NONPJ	matrix spike dup, rec	1/24/2017	Metal	Thallium	Total	=	103	%	EPA 200.8	-88	-88	70	130	
2016/17-4	000NONPJ	matrix spike, RPD	1/24/2017	Metal	Thallium	Total	=	2	%	EPA 200.8	-88	-88	0	30	
2016/17-4	Lab	method blank	1/24/2017	Metal	Thallium	Total	<	0.014	µg/L	EPA 200.8	0.014	0.2			
2016/17-4	Lab	LCS	1/24/2017	Metal	Thallium	Total	=	50.7	µg/L	EPA 200.8	0.014	0.2			
2016/17-4	Lab	LCS, rec	1/24/2017	Metal	Thallium	Total	=	101	%	EPA 200.8	-88	-88	85	115	
2016/17-4	Lab	method blank	1/24/2017	Metal	Zinc	Dissolved	DNQ	0.946	µg/L	EPA 200.8	0.94	5			IP
2016/17-4	Lab	LCS	1/24/2017	Metal	Zinc	Dissolved	=	51.6	µg/L	EPA 200.8	0.94	5			
2016/17-4	Lab	LCS, rec	1/24/2017	Metal	Zinc	Dissolved	=	103	%	EPA 200.8	-88	-88	85	115	
2016/17-4	000NONPJ	matrix spike	1/24/2017	Metal	Zinc	Total	=	65.1	µg/L	EPA 200.8	0.94	5			
2016/17-4	000NONPJ	matrix spike, rec	1/24/2017	Metal	Zinc	Total	=	98	%	EPA 200.8	-88	-88	70	130	
2016/17-4	000NONPJ	matrix spike dup	1/24/2017	Metal	Zinc	Total	=	66.1	µg/L	EPA 200.8	0.94	5			
2016/17-4	000NONPJ	matrix spike dup, rec	1/24/2017	Metal	Zinc	Total	=	100	%	EPA 200.8	-88	-88	70	130	
2016/17-4	000NONPJ	matrix spike, RPD	1/24/2017	Metal	Zinc	Total	=	2	%	EPA 200.8	-88	-88	0	30	
2016/17-4	Lab	method blank	1/24/2017	Metal	Zinc	Total	<	0.94	µg/L	EPA 200.8	0.94	5			
2016/17-4	Lab	LCS	1/24/2017	Metal	Zinc	Total	=	51.6	µg/L	EPA 200.8	0.94	5			
2016/17-4	Lab	LCS, rec	1/24/2017	Metal	Zinc	Total	=	103	%	EPA 200.8	-88	-88	85	115	
2016/17-4	000NONPJ	lab duplicate	1/17/2017	Nutrient	Ammonia as N	n/a	=	0.198	mg/L	EPA 350.1	0.048	0.1		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	
2016/17-4	000NONPJ	matrix spike	1/17/2017	Nutrient	Ammonia as N	n/a	=	0.472	mg/L	EPA 350.1	0.048	0.1			
2016/17-4	000NONPJ	matrix spike	1/17/2017	Nutrient	Ammonia as N	n/a	=	0.301	mg/L	EPA 350.1	0.048	0.1			
2016/17-4	000NONPJ	matrix spike dup	1/17/2017	Nutrient	Ammonia as N	n/a	=	0.302	mg/L	EPA 350.1	0.048	0.1			
2016/17-4	000NONPJ	matrix spike dup	1/17/2017	Nutrient	Ammonia as N	n/a	=	0.471	mg/L	EPA 350.1	0.048	0.1			
2016/17-4	000NONPJ	matrix spike dup, rec	1/17/2017	Nutrient	Ammonia as N	n/a	=	101	%	EPA 350.1	-88	-88	90	110	
2016/17-4	000NONPJ	matrix spike dup, rec	1/17/2017	Nutrient	Ammonia as N	n/a	=	101	%	EPA 350.1	-88	-88	90	110	
2016/17-4	000NONPJ	matrix spike, rec	1/17/2017	Nutrient	Ammonia as N	n/a	=	101	%	EPA 350.1	-88	-88	90	110	
2016/17-4	000NONPJ	matrix spike, rec	1/17/2017	Nutrient	Ammonia as N	n/a	=	101	%	EPA 350.1	-88	-88	90	110	
2016/17-4	000NONPJ	matrix spike, RPD	1/17/2017	Nutrient	Ammonia as N	n/a	=	0.2	%	EPA 350.1	-88	-88	0	15	
2016/17-4	000NONPJ	matrix spike, RPD	1/17/2017	Nutrient	Ammonia as N	n/a	=	0.08	%	EPA 350.1	-88	-88	0	15	
2016/17-4	Lab	LCS	1/17/2017	Nutrient	Ammonia as N	n/a	=	0.265	mg/L	EPA 350.1	0.048	0.1			
2016/17-4	Lab	LCS	1/17/2017	Nutrient	Ammonia as N	n/a	=	0.255	mg/L	EPA 350.1	0.048	0.1			
2016/17-4	Lab	LCS, rec	1/17/2017	Nutrient	Ammonia as N	n/a	=	102	%	EPA 350.1	-88	-88	90	110	
2016/17-4	Lab	LCS, rec	1/17/2017	Nutrient	Ammonia as N	n/a	=	106	%	EPA 350.1	-88	-88	90	110	
2016/17-4	Lab	method blank	1/17/2017	Nutrient	Ammonia as N	n/a	<	0.048	mg/L	EPA 350.1	0.048	0.1			
2016/17-4	Lab	method blank	1/17/2017	Nutrient	Ammonia as N	n/a	<	0.048	mg/L	EPA 350.1	0.048	0.1			
2016/17-4	000NONPJ	matrix spike	1/6/2017	Nutrient	Nitrate + Nitrite as N	n/a	=	6.62	mg/L	EPA 353.2	0.041	0.1			
2016/17-4	000NONPJ	matrix spike, rec	1/6/2017	Nutrient	Nitrate + Nitrite as N	n/a	=	106	%	EPA 353.2	-88	-88	90	110	
2016/17-4	000NONPJ	matrix spike dup	1/6/2017	Nutrient	Nitrate + Nitrite as N	n/a	=	6.52	mg/L	EPA 353.2	0.041	0.1			
2016/17-4	000NONPJ	matrix spike dup, rec	1/6/2017	Nutrient	Nitrate + Nitrite as N	n/a	=	101	%	EPA 353.2	-88	-88	90	110	
2016/17-4	000NONPJ	matrix spike, RPD	1/6/2017	Nutrient	Nitrate + Nitrite as N	n/a	=	1	%	EPA 353.2	-88	-88	0	20	
2016/17-4	000NONPJ	matrix spike	1/6/2017	Nutrient	Nitrate + Nitrite as N	n/a	=	2.08	mg/L	EPA 353.2	0.041	0.1			
2016/17-4	000NONPJ	matrix spike, rec	1/6/2017	Nutrient	Nitrate + Nitrite as N	n/a	=	91	%	EPA 353.2	-88	-88	90	110	
2016/17-4	000NONPJ	matrix spike dup	1/6/2017	Nutrient	Nitrate + Nitrite as N	n/a	=	2.09	mg/L	EPA 353.2	0.041	0.1			
2016/17-4	000NONPJ	matrix spike dup, rec	1/6/2017	Nutrient	Nitrate + Nitrite as N	n/a	=	91	%	EPA 353.2	-88	-88	90	110	
2016/17-4	000NONPJ	matrix spike, RPD	1/6/2017	Nutrient	Nitrate + Nitrite as N	n/a	=	0.2	%	EPA 353.2	-88	-88	0	20	
2016/17-4	Lab	method blank	1/6/2017	Nutrient	Nitrate + Nitrite as N	n/a	<	0.041	mg/L	EPA 353.2	0.041	0.1			
2016/17-4	Lab	LCS	1/6/2017	Nutrient	Nitrate + Nitrite as N	n/a	=	0.968	mg/L	EPA 353.2	0.041	0.1			
2016/17-4	Lab	LCS, rec	1/6/2017	Nutrient	Nitrate + Nitrite as N	n/a	=	97	%	EPA 353.2	-88	-88	90	110	
2016/17-4	000NONPJ	matrix spike	1/9/2017	Nutrient	Phosphorus as P	Dissolved	=	0.113	mg/L	EPA 365.1	0.0014	0.01			
2016/17-4	000NONPJ	matrix spike, rec	1/9/2017	Nutrient	Phosphorus as P	Dissolved	=	108	%	EPA 365.1	-88	-88	90	110	
2016/17-4	000NONPJ	matrix spike dup	1/9/2017	Nutrient	Phosphorus as P	Dissolved	=	0.111	mg/L	EPA 365.1	0.0014	0.01			
2016/17-4	000NONPJ	matrix spike dup, rec	1/9/2017	Nutrient	Phosphorus as P	Dissolved	=	104	%	EPA 365.1	-88	-88	90	110	
2016/17-4	000NONPJ	matrix spike, RPD	1/9/2017	Nutrient	Phosphorus as P	Dissolved	=	2	%	EPA 365.1	-88	-88	0	20	
2016/17-4	000NONPJ	matrix spike	1/9/2017	Nutrient	Phosphorus as P	Dissolved	=	0.244	mg/L	EPA 365.1	0.0028	0.02			
2016/17-4	000NONPJ	matrix spike, rec	1/9/2017	Nutrient	Phosphorus as P	Dissolved	=	106	%	EPA 365.1	-88	-88	90	110	
2016/17-4	000NONPJ	matrix spike dup	1/9/2017	Nutrient	Phosphorus as P	Dissolved	=	0.242	mg/L	EPA 365.1	0.0028	0.02			
2016/17-4	000NONPJ	matrix spike dup, rec	1/9/2017	Nutrient	Phosphorus as P	Dissolved	=	102	%	EPA 365.1	-88	-88	90	110	
2016/17-4	000NONPJ	matrix spike, RPD	1/9/2017	Nutrient	Phosphorus as P	Dissolved	=	0.8	%	EPA 365.1	-88	-88	0	20	
2016/17-4	000NONPJ	lab duplicate	1/9/2017	Nutrient	Phosphorus as P	Dissolved	=	0.0986	mg/L	EPA 365.1	0.0014	0.01		20	
2016/17-4	Lab	method blank	1/9/2017	Nutrient	Phosphorus as P	Dissolved	<	0.0014	mg/L	EPA 365.1	0.0014	0.01			
2016/17-4	Lab	LCS	1/9/2017	Nutrient	Phosphorus as P	Dissolved	=	0.0522	mg/L	EPA 365.1	0.0014	0.01			
2016/17-4	Lab	LCS, rec	1/9/2017	Nutrient	Phosphorus as P	Dissolved	=	104	%	EPA 365.1	-88	-88	90	110	
2016/17-4	000NONPJ	matrix spike	1/9/2017	Nutrient	Phosphorus as P	Total	=	0.167	mg/L	EPA 365.1	0.0014	0.01			
2016/17-4	000NONPJ	matrix spike, rec	1/9/2017	Nutrient	Phosphorus as P	Total	=	106	%	EPA 365.1	-88	-88	90	110	
2016/17-4	000NONPJ	matrix spike dup	1/9/2017	Nutrient	Phosphorus as P	Total	=	0.161	mg/L	EPA 365.1	0.0014	0.01			
2016/17-4	000NONPJ	matrix spike dup, rec	1/9/2017	Nutrient	Phosphorus as P	Total	=	94	%	EPA 365.1	-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	
2016/17-4	000NONPJ	matrix spike, RPD	1/9/2017	Nutrient	Phosphorus as P	Total	=	4	%	EPA 365.1	-88	-88	0	20	
2016/17-4	000NONPJ	matrix spike	1/9/2017	Nutrient	Phosphorus as P	Total	=	0.296	mg/L	EPA 365.1	0.0028	0.02			
2016/17-4	000NONPJ	matrix spike, rec	1/9/2017	Nutrient	Phosphorus as P	Total	=	108	%	EPA 365.1	-88	-88	90	110	
2016/17-4	000NONPJ	matrix spike dup	1/9/2017	Nutrient	Phosphorus as P	Total	=	0.296	mg/L	EPA 365.1	0.0028	0.02			
2016/17-4	000NONPJ	matrix spike dup, rec	1/9/2017	Nutrient	Phosphorus as P	Total	=	108	%	EPA 365.1	-88	-88	90	110	
2016/17-4	000NONPJ	matrix spike, RPD	1/9/2017	Nutrient	Phosphorus as P	Total	=	0	%	EPA 365.1	-88	-88	0	20	
2016/17-4	000NONPJ	lab duplicate	1/9/2017	Nutrient	Phosphorus as P	Total	=	0.143	mg/L	EPA 365.1	0.0014	0.01		20	
2016/17-4	Lab	method blank	1/9/2017	Nutrient	Phosphorus as P	Total	<	0.0014	mg/L	EPA 365.1	0.0014	0.01			
2016/17-4	Lab	LCS	1/9/2017	Nutrient	Phosphorus as P	Total	=	0.0549	mg/L	EPA 365.1	0.0014	0.01			
2016/17-4	Lab	LCS, rec	1/9/2017	Nutrient	Phosphorus as P	Total	=	110	%	EPA 365.1	-88	-88	90	110	
2016/17-4	000NONPJ	matrix spike	1/11/2017	Nutrient	TKN	n/a	=	1.19	mg/L	EPA 351.2	0.05	0.1			
2016/17-4	000NONPJ	matrix spike dup	1/11/2017	Nutrient	TKN	n/a	=	1.17	mg/L	EPA 351.2	0.05	0.1			
2016/17-4	000NONPJ	matrix spike dup, rec	1/11/2017	Nutrient	TKN	n/a	=	104	%	EPA 351.2	-88	-88	90	110	
2016/17-4	000NONPJ	matrix spike, rec	1/11/2017	Nutrient	TKN	n/a	=	106	%	EPA 351.2	-88	-88	90	110	
2016/17-4	000NONPJ	matrix spike, RPD	1/11/2017	Nutrient	TKN	n/a	=	2	%	EPA 351.2	-88	-88	0	10	
2016/17-4	Lab	LCS	1/11/2017	Nutrient	TKN	n/a	=	0.931	mg/L	EPA 351.2	0.05	0.1			
2016/17-4	Lab	LCS, rec	1/11/2017	Nutrient	TKN	n/a	=	93	%	EPA 351.2	-88	-88	90	110	
2016/17-4	Lab	method blank	1/11/2017	Nutrient	TKN	n/a	<	0.05	mg/L	EPA 351.2	0.05	0.1			
2016/17-4	Lab	method blank	1/13/2017	Organic	1,2,4-Trichlorobenzene	n/a	<	0.55	µg/L	EPA 625	0.55	1			
2016/17-4	Lab	LCS	1/13/2017	Organic	1,2,4-Trichlorobenzene	n/a	=	19.2	µg/L	EPA 625	0.55	1			
2016/17-4	Lab	LCS, rec	1/13/2017	Organic	1,2,4-Trichlorobenzene	n/a	=	77	%	EPA 625	-88	-88	44	142	
2016/17-4	Lab	LCS dup	1/13/2017	Organic	1,2,4-Trichlorobenzene	n/a	=	19.6	µg/L	EPA 625	0.55	1			
2016/17-4	Lab	LCS dup, rec	1/13/2017	Organic	1,2,4-Trichlorobenzene	n/a	=	78	%	EPA 625	-88	-88	44	142	
2016/17-4	Lab	LCS, RPD	1/13/2017	Organic	1,2,4-Trichlorobenzene	n/a	=	2	%	EPA 625	-88	-88	0	30	
2016/17-4	Lab	method blank	1/24/2017	Organic	1,2,4-Trichlorobenzene	n/a	<	0.55	µg/L	EPA 625	0.55	1			
2016/17-4	Lab	LCS	1/24/2017	Organic	1,2,4-Trichlorobenzene	n/a	=	20.4	µg/L	EPA 625	0.55	1			
2016/17-4	Lab	LCS, rec	1/24/2017	Organic	1,2,4-Trichlorobenzene	n/a	=	82	%	EPA 625	-88	-88	44	142	
2016/17-4	Lab	LCS dup	1/24/2017	Organic	1,2,4-Trichlorobenzene	n/a	=	20.7	µg/L	EPA 625	0.55	1			
2016/17-4	Lab	LCS dup, rec	1/24/2017	Organic	1,2,4-Trichlorobenzene	n/a	=	83	%	EPA 625	-88	-88	44	142	
2016/17-4	Lab	LCS, RPD	1/24/2017	Organic	1,2,4-Trichlorobenzene	n/a	=	2	%	EPA 625	-88	-88	0	30	
2016/17-4	Lab	method blank	1/13/2017	Organic	1,2-Dichlorobenzene	n/a	<	0.57	µg/L	EPA 625	0.57	1			
2016/17-4	Lab	LCS	1/13/2017	Organic	1,2-Dichlorobenzene	n/a	=	18.8	µg/L	EPA 625	0.57	1			
2016/17-4	Lab	LCS, rec	1/13/2017	Organic	1,2-Dichlorobenzene	n/a	=	75	%	EPA 625	-88	-88	32	129	
2016/17-4	Lab	LCS dup	1/13/2017	Organic	1,2-Dichlorobenzene	n/a	=	19.6	µg/L	EPA 625	0.57	1			
2016/17-4	Lab	LCS dup, rec	1/13/2017	Organic	1,2-Dichlorobenzene	n/a	=	78	%	EPA 625	-88	-88	32	129	
2016/17-4	Lab	LCS, RPD	1/13/2017	Organic	1,2-Dichlorobenzene	n/a	=	4	%	EPA 625	-88	-88	0	30	
2016/17-4	Lab	method blank	1/24/2017	Organic	1,2-Dichlorobenzene	n/a	<	0.57	µg/L	EPA 625	0.57	1			
2016/17-4	Lab	LCS	1/24/2017	Organic	1,2-Dichlorobenzene	n/a	=	19.2	µg/L	EPA 625	0.57	1			
2016/17-4	Lab	LCS, rec	1/24/2017	Organic	1,2-Dichlorobenzene	n/a	=	77	%	EPA 625	-88	-88	32	129	
2016/17-4	Lab	LCS dup	1/24/2017	Organic	1,2-Dichlorobenzene	n/a	=	19.3	µg/L	EPA 625	0.57	1			
2016/17-4	Lab	LCS dup, rec	1/24/2017	Organic	1,2-Dichlorobenzene	n/a	=	77	%	EPA 625	-88	-88	32	129	
2016/17-4	Lab	LCS, RPD	1/24/2017	Organic	1,2-Dichlorobenzene	n/a	=	0.7	%	EPA 625	-88	-88	0	30	
2016/17-4	000NONPJ	srgt matrix spike	1/10/2017	Organic	1,2-Dichloroethane-d4	n/a	=	50.3	µg/L	EPA 624	-88	-88			
2016/17-4	000NONPJ	srgt matrix spike, rec	1/10/2017	Organic	1,2-Dichloroethane-d4	n/a	=	101	%	EPA 624	-88	-88	82	125	
2016/17-4	000NONPJ	srgt matrix spike dup	1/10/2017	Organic	1,2-Dichloroethane-d4	n/a	=	50.3	µg/L	EPA 624	-88	-88			
2016/17-4	000NONPJ	srgt matrix spike dup, rec	1/10/2017	Organic	1,2-Dichloroethane-d4	n/a	=	101	%	EPA 624	-88	-88	82	125	
2016/17-4	Lab	srgt LCS	1/9/2017	Organic	1,2-Dichloroethane-d4	n/a	=	50.2	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	
2016/17-4	Lab	srgt LCS, rec	1/9/2017	Organic	1,2-Dichloroethane-d4	n/a	=	100	%	EPA 624	-88	-88	82	125	
2016/17-4	Lab	srgt LCS dup	1/9/2017	Organic	1,2-Dichloroethane-d4	n/a	=	49.9	µg/L	EPA 624	-88	-88			
2016/17-4	Lab	srgt LCS dup, rec	1/9/2017	Organic	1,2-Dichloroethane-d4	n/a	=	100	%	EPA 624	-88	-88	82	125	
2016/17-4	Lab	srgt method blank	1/9/2017	Organic	1,2-Dichloroethane-d4	n/a	=	51.2	µg/L	EPA 624	-88	-88			
2016/17-4	Lab	srgt method blank, rec	1/9/2017	Organic	1,2-Dichloroethane-d4	n/a	=	102	%	EPA 624	-88	-88	82	125	
2016/17-4	ME-SCR	srgt environ	1/10/2017	Organic	1,2-Dichloroethane-d4	n/a	=	52.2	µg/L	EPA 624	-88	-88			
2016/17-4	ME-SCR	srgt environ, rec	1/10/2017	Organic	1,2-Dichloroethane-d4	n/a	=	104	%	EPA 624	-88	-88	82	125	
2016/17-4	Lab	method blank	1/13/2017	Organic	1,2-Diphenylhydrazine	n/a	<	0.25	µg/L	EPA 625	0.25	1			
2016/17-4	Lab	method blank	1/24/2017	Organic	1,2-Diphenylhydrazine	n/a	<	0.25	µg/L	EPA 625	0.25	1			
2016/17-4	Lab	method blank	1/13/2017	Organic	1,3-Dichlorobenzene	n/a	<	0.53	µg/L	EPA 625	0.53	1			
2016/17-4	Lab	LCS	1/13/2017	Organic	1,3-Dichlorobenzene	n/a	=	18.8	µg/L	EPA 625	0.53	1			
2016/17-4	Lab	LCS, rec	1/13/2017	Organic	1,3-Dichlorobenzene	n/a	=	75	%	EPA 625	-88	-88	0.1	172	
2016/17-4	Lab	LCS dup	1/13/2017	Organic	1,3-Dichlorobenzene	n/a	=	19.1	µg/L	EPA 625	0.53	1			
2016/17-4	Lab	LCS dup, rec	1/13/2017	Organic	1,3-Dichlorobenzene	n/a	=	76	%	EPA 625	-88	-88	0.1	172	
2016/17-4	Lab	LCS, RPD	1/13/2017	Organic	1,3-Dichlorobenzene	n/a	=	1	%	EPA 625	-88	-88	0	30	
2016/17-4	Lab	method blank	1/24/2017	Organic	1,3-Dichlorobenzene	n/a	<	0.53	µg/L	EPA 625	0.53	1			
2016/17-4	Lab	LCS	1/24/2017	Organic	1,3-Dichlorobenzene	n/a	=	18.6	µg/L	EPA 625	0.53	1			
2016/17-4	Lab	LCS, rec	1/24/2017	Organic	1,3-Dichlorobenzene	n/a	=	75	%	EPA 625	-88	-88	0.1	172	
2016/17-4	Lab	LCS dup	1/24/2017	Organic	1,3-Dichlorobenzene	n/a	=	18.8	µg/L	EPA 625	0.53	1			
2016/17-4	Lab	LCS dup, rec	1/24/2017	Organic	1,3-Dichlorobenzene	n/a	=	75	%	EPA 625	-88	-88	0.1	172	
2016/17-4	Lab	LCS, RPD	1/24/2017	Organic	1,3-Dichlorobenzene	n/a	=	0.6	%	EPA 625	-88	-88	0	30	
2016/17-4	Lab	srgt method blank	1/19/2017	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	0.407	µg/L	EPA 525.2m	-88	-88			
2016/17-4	Lab	srgt method blank, rec	1/19/2017	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	81	%	EPA 525.2m	-88	-88	76	128	
2016/17-4	Lab	srgt LCS	1/19/2017	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	0.416	µg/L	EPA 525.2m	-88	-88			
2016/17-4	Lab	srgt LCS, rec	1/19/2017	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	83	%	EPA 525.2m	-88	-88	76	128	
2016/17-4	Lab	srgt method blank	1/23/2017	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	4.54	µg/L	EPA 525.2	-88	-88			
2016/17-4	Lab	srgt method blank, rec	1/23/2017	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	91	%	EPA 525.2	-88	-88	73	138	
2016/17-4	Lab	srgt LCS	1/23/2017	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	4.15	µg/L	EPA 525.2	-88	-88			
2016/17-4	Lab	srgt LCS, rec	1/23/2017	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	83	%	EPA 525.2	-88	-88	73	138	
2016/17-4	Lab	srgt LCS dup	1/24/2017	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	4.32	µg/L	EPA 525.2	-88	-88			
2016/17-4	Lab	srgt LCS dup, rec	1/24/2017	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	86	%	EPA 525.2	-88	-88	73	138	
2016/17-4	Lab	srgt method blank	1/25/2017	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	4.63	µg/L	EPA 525.2	-88	-88			
2016/17-4	Lab	srgt method blank, rec	1/25/2017	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	93	%	EPA 525.2	-88	-88	73	138	
2016/17-4	Lab	srgt LCS	1/25/2017	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	4.34	µg/L	EPA 525.2	-88	-88			
2016/17-4	Lab	srgt LCS, rec	1/25/2017	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	87	%	EPA 525.2	-88	-88	73	138	
2016/17-4	Lab	srgt LCS dup	1/25/2017	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	4.44	µg/L	EPA 525.2	-88	-88			
2016/17-4	Lab	srgt LCS dup, rec	1/25/2017	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	89	%	EPA 525.2	-88	-88	73	138	
2016/17-4	ME-SCR	srgt matrix spike	1/19/2017	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	0.533	µg/L	EPA 525.2m	-88	-88			
2016/17-4	ME-SCR	srgt matrix spike, rec	1/19/2017	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	107	%	EPA 525.2m	-88	-88	76	128	
2016/17-4	ME-SCR	srgt matrix spike dup	1/19/2017	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	0.519	µg/L	EPA 525.2m	-88	-88			
2016/17-4	ME-SCR	srgt matrix spike dup, rec	1/19/2017	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	104	%	EPA 525.2m	-88	-88	76	128	
2016/17-4	ME-SCR	srgt environ	1/19/2017	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	0.448	µg/L	EPA 525.2m	-88	-88			
2016/17-4	ME-SCR	srgt environ, rec	1/19/2017	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	90	%	EPA 525.2m	-88	-88	76	128	
2016/17-4	ME-SCR	srgt environ	1/24/2017	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	5.27	µg/L	EPA 525.2	-88	-88			
2016/17-4	ME-SCR	srgt environ, rec	1/24/2017	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	105	%	EPA 525.2	-88	-88	73	138	
2016/17-4	Lab	method blank	1/13/2017	Organic	1,4-Dichlorobenzene	n/a	<	0.55	µg/L	EPA 625	0.55	1			
2016/17-4	Lab	LCS	1/13/2017	Organic	1,4-Dichlorobenzene	n/a	=	19.4	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	
2016/17-4	Lab	LCS, rec	1/13/2017	Organic	1,4-Dichlorobenzene	n/a	=	77	%	EPA 625	-88	-88	20	124	
2016/17-4	Lab	LCS dup	1/13/2017	Organic	1,4-Dichlorobenzene	n/a	=	19.6	µg/L	EPA 625	0.55	1			
2016/17-4	Lab	LCS dup, rec	1/13/2017	Organic	1,4-Dichlorobenzene	n/a	=	79	%	EPA 625	-88	-88	20	124	
2016/17-4	Lab	LCS, RPD	1/13/2017	Organic	1,4-Dichlorobenzene	n/a	=	1	%	EPA 625	-88	-88	0	30	
2016/17-4	Lab	method blank	1/24/2017	Organic	1,4-Dichlorobenzene	n/a	<	0.55	µg/L	EPA 625	0.55	1			
2016/17-4	Lab	LCS	1/24/2017	Organic	1,4-Dichlorobenzene	n/a	=	19.5	µg/L	EPA 625	0.55	1			
2016/17-4	Lab	LCS, rec	1/24/2017	Organic	1,4-Dichlorobenzene	n/a	=	78	%	EPA 625	-88	-88	20	124	
2016/17-4	Lab	LCS dup	1/24/2017	Organic	1,4-Dichlorobenzene	n/a	=	19.9	µg/L	EPA 625	0.55	1			
2016/17-4	Lab	LCS dup, rec	1/24/2017	Organic	1,4-Dichlorobenzene	n/a	=	80	%	EPA 625	-88	-88	20	124	
2016/17-4	Lab	LCS, RPD	1/24/2017	Organic	1,4-Dichlorobenzene	n/a	=	2	%	EPA 625	-88	-88	0	30	
2016/17-4	Lab	method blank	1/18/2017	Organic	1-Methylnaphthalene	n/a	<	0.1	µg/L	EPA 8270C	0.1	0.1			
2016/17-4	Lab	method blank	1/19/2017	Organic	2,4,5-Trichlorophenol	n/a	<	0.29	µg/L	EPA 8270C	0.29	1			
2016/17-4	Lab	srgt method blank	1/13/2017	Organic	2,4,6-Tribromophenol	n/a	=	37.9	µg/L	EPA 625	-88	-88			
2016/17-4	Lab	srgt method blank, rec	1/13/2017	Organic	2,4,6-Tribromophenol	n/a	=	76	%	EPA 625	-88	-88	25	102	
2016/17-4	Lab	srgt LCS	1/13/2017	Organic	2,4,6-Tribromophenol	n/a	=	38.8	µg/L	EPA 625	-88	-88			
2016/17-4	Lab	srgt LCS, rec	1/13/2017	Organic	2,4,6-Tribromophenol	n/a	=	78	%	EPA 625	-88	-88	25	102	
2016/17-4	Lab	srgt LCS dup	1/13/2017	Organic	2,4,6-Tribromophenol	n/a	=	36.6	µg/L	EPA 625	-88	-88			
2016/17-4	Lab	srgt LCS dup, rec	1/13/2017	Organic	2,4,6-Tribromophenol	n/a	=	73	%	EPA 625	-88	-88	25	102	
2016/17-4	Lab	srgt method blank	1/19/2017	Organic	2,4,6-Tribromophenol	n/a	=	6.22	µg/L	EPA 8270C	-88	-88			
2016/17-4	Lab	srgt method blank, rec	1/19/2017	Organic	2,4,6-Tribromophenol	n/a	=	62	%	EPA 8270C	-88	-88	26	117	
2016/17-4	Lab	srgt LCS	1/19/2017	Organic	2,4,6-Tribromophenol	n/a	=	7.57	µg/L	EPA 8270C	-88	-88			
2016/17-4	Lab	srgt LCS, rec	1/19/2017	Organic	2,4,6-Tribromophenol	n/a	=	76	%	EPA 8270C	-88	-88	26	117	
2016/17-4	Lab	srgt LCS dup	1/19/2017	Organic	2,4,6-Tribromophenol	n/a	=	7.72	µg/L	EPA 8270C	-88	-88			
2016/17-4	Lab	srgt LCS dup, rec	1/19/2017	Organic	2,4,6-Tribromophenol	n/a	=	77	%	EPA 8270C	-88	-88	26	117	
2016/17-4	Lab	srgt method blank	1/24/2017	Organic	2,4,6-Tribromophenol	n/a	=	42.1	µg/L	EPA 625	-88	-88			
2016/17-4	Lab	srgt method blank, rec	1/24/2017	Organic	2,4,6-Tribromophenol	n/a	=	84	%	EPA 625	-88	-88	25	102	
2016/17-4	Lab	srgt LCS	1/24/2017	Organic	2,4,6-Tribromophenol	n/a	=	43.9	µg/L	EPA 625	-88	-88			
2016/17-4	Lab	srgt LCS, rec	1/24/2017	Organic	2,4,6-Tribromophenol	n/a	=	88	%	EPA 625	-88	-88	25	102	
2016/17-4	Lab	srgt LCS dup	1/24/2017	Organic	2,4,6-Tribromophenol	n/a	=	42.2	µg/L	EPA 625	-88	-88			
2016/17-4	Lab	srgt LCS dup, rec	1/24/2017	Organic	2,4,6-Tribromophenol	n/a	=	84	%	EPA 625	-88	-88	25	102	
2016/17-4	ME-SCR	srgt environ	1/13/2017	Organic	2,4,6-Tribromophenol	n/a	=	25.9	µg/L	EPA 625	-88	-88			
2016/17-4	ME-SCR	srgt environ, rec	1/13/2017	Organic	2,4,6-Tribromophenol	n/a	=	52	%	EPA 625	-88	-88	25	102	
2016/17-4	ME-SCR	srgt environ	1/19/2017	Organic	2,4,6-Tribromophenol	n/a	=	6.79	µg/L	EPA 8270C	-88	-88			
2016/17-4	ME-SCR	srgt environ, rec	1/19/2017	Organic	2,4,6-Tribromophenol	n/a	=	68	%	EPA 8270C	-88	-88	26	117	
2016/17-4	Lab	method blank	1/13/2017	Organic	2,4,6-Trichlorophenol	n/a	<	0.22	µg/L	EPA 625	0.22	1			
2016/17-4	Lab	LCS	1/13/2017	Organic	2,4,6-Trichlorophenol	n/a	=	21.9	µg/L	EPA 625	0.22	1			
2016/17-4	Lab	LCS, rec	1/13/2017	Organic	2,4,6-Trichlorophenol	n/a	=	88	%	EPA 625	-88	-88	37	144	
2016/17-4	Lab	LCS dup	1/13/2017	Organic	2,4,6-Trichlorophenol	n/a	=	21.5	µg/L	EPA 625	0.22	1			
2016/17-4	Lab	LCS dup, rec	1/13/2017	Organic	2,4,6-Trichlorophenol	n/a	=	86	%	EPA 625	-88	-88	37	144	
2016/17-4	Lab	LCS, RPD	1/13/2017	Organic	2,4,6-Trichlorophenol	n/a	=	2	%	EPA 625	-88	-88	0	30	
2016/17-4	Lab	method blank	1/19/2017	Organic	2,4,6-Trichlorophenol	n/a	<	0.3	µg/L	EPA 8270C	0.3	1			
2016/17-4	Lab	LCS	1/19/2017	Organic	2,4,6-Trichlorophenol	n/a	=	8.91	µg/L	EPA 8270C	0.3	1			
2016/17-4	Lab	LCS, rec	1/19/2017	Organic	2,4,6-Trichlorophenol	n/a	=	89	%	EPA 8270C	-88	-88	30	115	
2016/17-4	Lab	LCS dup	1/19/2017	Organic	2,4,6-Trichlorophenol	n/a	=	8.74	µg/L	EPA 8270C	0.3	1			
2016/17-4	Lab	LCS dup, rec	1/19/2017	Organic	2,4,6-Trichlorophenol	n/a	=	87	%	EPA 8270C	-88	-88	30	115	
2016/17-4	Lab	LCS, RPD	1/19/2017	Organic	2,4,6-Trichlorophenol	n/a	=	2	%	EPA 8270C	-88	-88	0	30	
2016/17-4	Lab	method blank	1/24/2017	Organic	2,4,6-Trichlorophenol	n/a	<	0.22	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	
2016/17-4	Lab	LCS	1/24/2017	Organic	2,4,6-Trichlorophenol	n/a	=	23.4	µg/L	EPA 625	0.22	1			
2016/17-4	Lab	LCS, rec	1/24/2017	Organic	2,4,6-Trichlorophenol	n/a	=	94	%	EPA 625	-88	-88	37	144	
2016/17-4	Lab	LCS dup	1/24/2017	Organic	2,4,6-Trichlorophenol	n/a	=	23.5	µg/L	EPA 625	0.22	1			
2016/17-4	Lab	LCS dup, rec	1/24/2017	Organic	2,4,6-Trichlorophenol	n/a	=	94	%	EPA 625	-88	-88	37	144	
2016/17-4	Lab	LCS, RPD	1/24/2017	Organic	2,4,6-Trichlorophenol	n/a	=	0.7	%	EPA 625	-88	-88	0	30	
2016/17-4	Lab	method blank	1/13/2017	Organic	2,4-Dichlorophenol	n/a	<	0.26	µg/L	EPA 625	0.26	1			
2016/17-4	Lab	LCS	1/13/2017	Organic	2,4-Dichlorophenol	n/a	=	20.4	µg/L	EPA 625	0.26	1			
2016/17-4	Lab	LCS, rec	1/13/2017	Organic	2,4-Dichlorophenol	n/a	=	82	%	EPA 625	-88	-88	39	135	
2016/17-4	Lab	LCS dup	1/13/2017	Organic	2,4-Dichlorophenol	n/a	=	20.3	µg/L	EPA 625	0.26	1			
2016/17-4	Lab	LCS dup, rec	1/13/2017	Organic	2,4-Dichlorophenol	n/a	=	81	%	EPA 625	-88	-88	39	135	
2016/17-4	Lab	LCS, RPD	1/13/2017	Organic	2,4-Dichlorophenol	n/a	=	0.3	%	EPA 625	-88	-88	0	30	
2016/17-4	Lab	method blank	1/19/2017	Organic	2,4-Dichlorophenol	n/a	<	0.51	µg/L	EPA 8270C	0.51	1			
2016/17-4	Lab	LCS	1/19/2017	Organic	2,4-Dichlorophenol	n/a	=	8.48	µg/L	EPA 8270C	0.51	1			
2016/17-4	Lab	LCS, rec	1/19/2017	Organic	2,4-Dichlorophenol	n/a	=	85	%	EPA 8270C	-88	-88	32	105	
2016/17-4	Lab	LCS dup	1/19/2017	Organic	2,4-Dichlorophenol	n/a	=	8.27	µg/L	EPA 8270C	0.51	1			
2016/17-4	Lab	LCS dup, rec	1/19/2017	Organic	2,4-Dichlorophenol	n/a	=	83	%	EPA 8270C	-88	-88	32	105	
2016/17-4	Lab	LCS, RPD	1/19/2017	Organic	2,4-Dichlorophenol	n/a	=	3	%	EPA 8270C	-88	-88	0	30	
2016/17-4	Lab	method blank	1/24/2017	Organic	2,4-Dichlorophenol	n/a	<	0.26	µg/L	EPA 625	0.26	1			
2016/17-4	Lab	LCS	1/24/2017	Organic	2,4-Dichlorophenol	n/a	=	22.6	µg/L	EPA 625	0.26	1			
2016/17-4	Lab	LCS, rec	1/24/2017	Organic	2,4-Dichlorophenol	n/a	=	91	%	EPA 625	-88	-88	39	135	
2016/17-4	Lab	LCS dup	1/24/2017	Organic	2,4-Dichlorophenol	n/a	=	22.9	µg/L	EPA 625	0.26	1			
2016/17-4	Lab	LCS dup, rec	1/24/2017	Organic	2,4-Dichlorophenol	n/a	=	91	%	EPA 625	-88	-88	39	135	
2016/17-4	Lab	LCS, RPD	1/24/2017	Organic	2,4-Dichlorophenol	n/a	=	0.9	%	EPA 625	-88	-88	0	30	
2016/17-4	000NONPJ	srgt matrix spike	1/11/2017	Organic	2,4-Dichlorophenylacetic acid	n/a	=	10.7	µg/L	EPA 515.3	-88	-88			
2016/17-4	000NONPJ	srgt matrix spike, rec	1/11/2017	Organic	2,4-Dichlorophenylacetic acid	n/a	=	107	%	EPA 515.3	-88	-88	70	130	
2016/17-4	000NONPJ	srgt matrix spike dup	1/11/2017	Organic	2,4-Dichlorophenylacetic acid	n/a	=	10.1	µg/L	EPA 515.3	-88	-88			
2016/17-4	000NONPJ	srgt matrix spike dup, rec	1/11/2017	Organic	2,4-Dichlorophenylacetic acid	n/a	=	101	%	EPA 515.3	-88	-88	70	130	
2016/17-4	Lab	srgt method blank	1/11/2017	Organic	2,4-Dichlorophenylacetic acid	n/a	=	9.53	µg/L	EPA 515.3	-88	-88			
2016/17-4	Lab	srgt method blank, rec	1/11/2017	Organic	2,4-Dichlorophenylacetic acid	n/a	=	95	%	EPA 515.3	-88	-88	70	130	
2016/17-4	Lab	srgt LCS	1/11/2017	Organic	2,4-Dichlorophenylacetic acid	n/a	=	10.4	µg/L	EPA 515.3	-88	-88			
2016/17-4	Lab	srgt LCS, rec	1/11/2017	Organic	2,4-Dichlorophenylacetic acid	n/a	=	104	%	EPA 515.3	-88	-88	70	130	
2016/17-4	ME-SCR	srgt environ	1/11/2017	Organic	2,4-Dichlorophenylacetic acid	n/a	=	9.83	µg/L	EPA 515.3	-88	-88			
2016/17-4	ME-SCR	srgt environ, rec	1/11/2017	Organic	2,4-Dichlorophenylacetic acid	n/a	=	98	%	EPA 515.3	-88	-88	70	130	
2016/17-4	Lab	method blank	1/13/2017	Organic	2,4-Dimethylphenol	n/a	<	0.3	µg/L	EPA 625	0.3	1			
2016/17-4	Lab	LCS	1/13/2017	Organic	2,4-Dimethylphenol	n/a	=	16.2	µg/L	EPA 625	0.3	1			
2016/17-4	Lab	LCS, rec	1/13/2017	Organic	2,4-Dimethylphenol	n/a	=	65	%	EPA 625	-88	-88	32	119	
2016/17-4	Lab	LCS dup	1/13/2017	Organic	2,4-Dimethylphenol	n/a	=	16.3	µg/L	EPA 625	0.3	1			
2016/17-4	Lab	LCS dup, rec	1/13/2017	Organic	2,4-Dimethylphenol	n/a	=	65	%	EPA 625	-88	-88	32	119	
2016/17-4	Lab	LCS, RPD	1/13/2017	Organic	2,4-Dimethylphenol	n/a	=	1	%	EPA 625	-88	-88	0	30	
2016/17-4	Lab	method blank	1/19/2017	Organic	2,4-Dimethylphenol	n/a	<	1	µg/L	EPA 8270C	1	2			
2016/17-4	Lab	LCS	1/19/2017	Organic	2,4-Dimethylphenol	n/a	=	6.9	µg/L	EPA 8270C	1	2			
2016/17-4	Lab	LCS, rec	1/19/2017	Organic	2,4-Dimethylphenol	n/a	=	69	%	EPA 8270C	-88	-88	31	97	
2016/17-4	Lab	LCS dup	1/19/2017	Organic	2,4-Dimethylphenol	n/a	=	6.14	µg/L	EPA 8270C	1	2			
2016/17-4	Lab	LCS dup, rec	1/19/2017	Organic	2,4-Dimethylphenol	n/a	=	61	%	EPA 8270C	-88	-88	31	97	
2016/17-4	Lab	LCS, RPD	1/19/2017	Organic	2,4-Dimethylphenol	n/a	=	12	%	EPA 8270C	-88	-88	0	30	
2016/17-4	Lab	method blank	1/24/2017	Organic	2,4-Dimethylphenol	n/a	<	0.3	µg/L	EPA 625	0.3	1			
2016/17-4	Lab	LCS	1/24/2017	Organic	2,4-Dimethylphenol	n/a	=	13.7	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	
2016/17-4	Lab	LCS, rec	1/24/2017	Organic	2,4-Dimethylphenol	n/a	=	55	%	EPA 625	-88	-88	32	119	
2016/17-4	Lab	LCS dup	1/24/2017	Organic	2,4-Dimethylphenol	n/a	=	15.2	µg/L	EPA 625	0.3	1			
2016/17-4	Lab	LCS dup, rec	1/24/2017	Organic	2,4-Dimethylphenol	n/a	=	61	%	EPA 625	-88	-88	32	119	
2016/17-4	Lab	LCS, RPD	1/24/2017	Organic	2,4-Dimethylphenol	n/a	=	10	%	EPA 625	-88	-88	0	30	
2016/17-4	Lab	method blank	1/13/2017	Organic	2,4-Dinitrophenol	n/a	<	1.6	µg/L	EPA 625	1.6	10			
2016/17-4	Lab	LCS	1/13/2017	Organic	2,4-Dinitrophenol	n/a	=	17.7	µg/L	EPA 625	1.6	10			
2016/17-4	Lab	LCS, rec	1/13/2017	Organic	2,4-Dinitrophenol	n/a	=	71	%	EPA 625	-88	-88	0.1	191	
2016/17-4	Lab	LCS dup	1/13/2017	Organic	2,4-Dinitrophenol	n/a	=	15.1	µg/L	EPA 625	1.6	10			
2016/17-4	Lab	LCS dup, rec	1/13/2017	Organic	2,4-Dinitrophenol	n/a	=	60	%	EPA 625	-88	-88	0.1	191	
2016/17-4	Lab	LCS, RPD	1/13/2017	Organic	2,4-Dinitrophenol	n/a	=	16	%	EPA 625	-88	-88	0	30	
2016/17-4	Lab	method blank	1/19/2017	Organic	2,4-Dinitrophenol	n/a	<	1	µg/L	EPA 8270C	1	2			
2016/17-4	Lab	LCS	1/19/2017	Organic	2,4-Dinitrophenol	n/a	=	7.95	µg/L	EPA 8270C	1	2			
2016/17-4	Lab	LCS, rec	1/19/2017	Organic	2,4-Dinitrophenol	n/a	=	80	%	EPA 8270C	-88	-88	7	155	
2016/17-4	Lab	LCS dup	1/19/2017	Organic	2,4-Dinitrophenol	n/a	=	9.07	µg/L	EPA 8270C	1	2			
2016/17-4	Lab	LCS dup, rec	1/19/2017	Organic	2,4-Dinitrophenol	n/a	=	91	%	EPA 8270C	-88	-88	7	155	
2016/17-4	Lab	LCS, RPD	1/19/2017	Organic	2,4-Dinitrophenol	n/a	=	13	%	EPA 8270C	-88	-88	0	30	
2016/17-4	Lab	method blank	1/24/2017	Organic	2,4-Dinitrophenol	n/a	<	1.6	µg/L	EPA 625	1.6	10			
2016/17-4	Lab	LCS	1/24/2017	Organic	2,4-Dinitrophenol	n/a	=	26.7	µg/L	EPA 625	1.6	10			
2016/17-4	Lab	LCS, rec	1/24/2017	Organic	2,4-Dinitrophenol	n/a	=	107	%	EPA 625	-88	-88	0.1	191	
2016/17-4	Lab	LCS dup	1/24/2017	Organic	2,4-Dinitrophenol	n/a	=	23.8	µg/L	EPA 625	1.6	10			
2016/17-4	Lab	LCS dup, rec	1/24/2017	Organic	2,4-Dinitrophenol	n/a	=	95	%	EPA 625	-88	-88	0.1	191	
2016/17-4	Lab	LCS, RPD	1/24/2017	Organic	2,4-Dinitrophenol	n/a	=	11	%	EPA 625	-88	-88	0	30	
2016/17-4	Lab	method blank	1/13/2017	Organic	2,4-Dinitrotoluene	n/a	<	0.18	µg/L	EPA 625	0.18	1			
2016/17-4	Lab	LCS	1/13/2017	Organic	2,4-Dinitrotoluene	n/a	=	20.2	µg/L	EPA 625	0.18	1			
2016/17-4	Lab	LCS, rec	1/13/2017	Organic	2,4-Dinitrotoluene	n/a	=	81	%	EPA 625	-88	-88	39	139	
2016/17-4	Lab	LCS dup	1/13/2017	Organic	2,4-Dinitrotoluene	n/a	=	19.2	µg/L	EPA 625	0.18	1			
2016/17-4	Lab	LCS dup, rec	1/13/2017	Organic	2,4-Dinitrotoluene	n/a	=	77	%	EPA 625	-88	-88	39	139	
2016/17-4	Lab	LCS, RPD	1/13/2017	Organic	2,4-Dinitrotoluene	n/a	=	5	%	EPA 625	-88	-88	0	30	
2016/17-4	Lab	method blank	1/24/2017	Organic	2,4-Dinitrotoluene	n/a	<	0.18	µg/L	EPA 625	0.18	1			
2016/17-4	Lab	LCS	1/24/2017	Organic	2,4-Dinitrotoluene	n/a	=	23.3	µg/L	EPA 625	0.18	1			
2016/17-4	Lab	LCS, rec	1/24/2017	Organic	2,4-Dinitrotoluene	n/a	=	93	%	EPA 625	-88	-88	39	139	
2016/17-4	Lab	LCS dup	1/24/2017	Organic	2,4-Dinitrotoluene	n/a	=	22.4	µg/L	EPA 625	0.18	1			
2016/17-4	Lab	LCS dup, rec	1/24/2017	Organic	2,4-Dinitrotoluene	n/a	=	90	%	EPA 625	-88	-88	39	139	
2016/17-4	Lab	LCS, RPD	1/24/2017	Organic	2,4-Dinitrotoluene	n/a	=	4	%	EPA 625	-88	-88	0	30	
2016/17-4	Lab	method blank	1/13/2017	Organic	2,6-Dinitrotoluene	n/a	<	0.27	µg/L	EPA 625	0.27	1			
2016/17-4	Lab	LCS	1/13/2017	Organic	2,6-Dinitrotoluene	n/a	=	19.7	µg/L	EPA 625	0.27	1			
2016/17-4	Lab	LCS, rec	1/13/2017	Organic	2,6-Dinitrotoluene	n/a	=	79	%	EPA 625	-88	-88	50	158	
2016/17-4	Lab	LCS dup	1/13/2017	Organic	2,6-Dinitrotoluene	n/a	=	19	µg/L	EPA 625	0.27	1			
2016/17-4	Lab	LCS dup, rec	1/13/2017	Organic	2,6-Dinitrotoluene	n/a	=	76	%	EPA 625	-88	-88	50	158	
2016/17-4	Lab	LCS, RPD	1/13/2017	Organic	2,6-Dinitrotoluene	n/a	=	3	%	EPA 625	-88	-88	0	30	
2016/17-4	Lab	method blank	1/24/2017	Organic	2,6-Dinitrotoluene	n/a	<	0.27	µg/L	EPA 625	0.27	1			
2016/17-4	Lab	LCS	1/24/2017	Organic	2,6-Dinitrotoluene	n/a	=	24.8	µg/L	EPA 625	0.27	1			
2016/17-4	Lab	LCS, rec	1/24/2017	Organic	2,6-Dinitrotoluene	n/a	=	99	%	EPA 625	-88	-88	50	158	
2016/17-4	Lab	LCS dup	1/24/2017	Organic	2,6-Dinitrotoluene	n/a	=	24.2	µg/L	EPA 625	0.27	1			
2016/17-4	Lab	LCS dup, rec	1/24/2017	Organic	2,6-Dinitrotoluene	n/a	=	97	%	EPA 625	-88	-88	50	158	
2016/17-4	Lab	LCS, RPD	1/24/2017	Organic	2,6-Dinitrotoluene	n/a	=	2	%	EPA 625	-88	-88	0	30	
2016/17-4	000NONPJ	matrix spike	1/10/2017	Organic	2-Chloroethyl vinyl ether	n/a	<	0.28	µg/L	EPA 624	0.28	1			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	
2016/17-4	000NONPJ	matrix spike, rec	1/10/2017	Organic	2-Chloroethyl vinyl ether	n/a	=	0	%	EPA 624	-88	-88	0.1	305	GB
2016/17-4	000NONPJ	matrix spike dup	1/10/2017	Organic	2-Chloroethyl vinyl ether	n/a	<	0.28	µg/L	EPA 624	0.28	1			GB
2016/17-4	000NONPJ	matrix spike dup, rec	1/10/2017	Organic	2-Chloroethyl vinyl ether	n/a	=	0	%	EPA 624	-88	-88	0.1	305	GB
2016/17-4	000NONPJ	matrix spike, RPD	1/10/2017	Organic	2-Chloroethyl vinyl ether	n/a	=	0	%	EPA 624	-88	-88	0	25	GB
2016/17-4	Lab	LCS	1/9/2017	Organic	2-Chloroethyl vinyl ether	n/a	=	47	µg/L	EPA 624	0.28	1			
2016/17-4	Lab	LCS, rec	1/9/2017	Organic	2-Chloroethyl vinyl ether	n/a	=	94	%	EPA 624	-88	-88	0.1	305	
2016/17-4	Lab	LCS dup	1/9/2017	Organic	2-Chloroethyl vinyl ether	n/a	=	46.8	µg/L	EPA 624	0.28	1			
2016/17-4	Lab	LCS dup, rec	1/9/2017	Organic	2-Chloroethyl vinyl ether	n/a	=	94	%	EPA 624	-88	-88	0.1	305	
2016/17-4	Lab	LCS, RPD	1/9/2017	Organic	2-Chloroethyl vinyl ether	n/a	=	0.5	%	EPA 624	-88	-88	0	25	
2016/17-4	Lab	method blank	1/9/2017	Organic	2-Chloroethyl vinyl ether	n/a	<	0.28	µg/L	EPA 624	0.28	1			
2016/17-4	Lab	method blank	1/13/2017	Organic	2-Chloronaphthalene	n/a	<	0.45	µg/L	EPA 625	0.45	1			
2016/17-4	Lab	LCS	1/13/2017	Organic	2-Chloronaphthalene	n/a	=	20.7	µg/L	EPA 625	0.45	1			
2016/17-4	Lab	LCS, rec	1/13/2017	Organic	2-Chloronaphthalene	n/a	=	83	%	EPA 625	-88	-88	60	118	
2016/17-4	Lab	LCS dup	1/13/2017	Organic	2-Chloronaphthalene	n/a	=	20.9	µg/L	EPA 625	0.45	1			
2016/17-4	Lab	LCS dup, rec	1/13/2017	Organic	2-Chloronaphthalene	n/a	=	84	%	EPA 625	-88	-88	60	118	
2016/17-4	Lab	LCS, RPD	1/13/2017	Organic	2-Chloronaphthalene	n/a	=	1	%	EPA 625	-88	-88	0	30	
2016/17-4	Lab	method blank	1/24/2017	Organic	2-Chloronaphthalene	n/a	<	0.45	µg/L	EPA 625	0.45	1			
2016/17-4	Lab	LCS	1/24/2017	Organic	2-Chloronaphthalene	n/a	=	22.2	µg/L	EPA 625	0.45	1			
2016/17-4	Lab	LCS, rec	1/24/2017	Organic	2-Chloronaphthalene	n/a	=	89	%	EPA 625	-88	-88	60	118	
2016/17-4	Lab	LCS dup	1/24/2017	Organic	2-Chloronaphthalene	n/a	=	22.9	µg/L	EPA 625	0.45	1			
2016/17-4	Lab	LCS dup, rec	1/24/2017	Organic	2-Chloronaphthalene	n/a	=	92	%	EPA 625	-88	-88	60	118	
2016/17-4	Lab	LCS, RPD	1/24/2017	Organic	2-Chloronaphthalene	n/a	=	3	%	EPA 625	-88	-88	0	30	
2016/17-4	Lab	method blank	1/13/2017	Organic	2-Chlorophenol	n/a	<	0.28	µg/L	EPA 625	0.28	1			
2016/17-4	Lab	LCS	1/13/2017	Organic	2-Chlorophenol	n/a	=	18.4	µg/L	EPA 625	0.28	1			
2016/17-4	Lab	LCS, rec	1/13/2017	Organic	2-Chlorophenol	n/a	=	74	%	EPA 625	-88	-88	23	134	
2016/17-4	Lab	LCS dup	1/13/2017	Organic	2-Chlorophenol	n/a	=	18.9	µg/L	EPA 625	0.28	1			
2016/17-4	Lab	LCS dup, rec	1/13/2017	Organic	2-Chlorophenol	n/a	=	76	%	EPA 625	-88	-88	23	134	
2016/17-4	Lab	LCS, RPD	1/13/2017	Organic	2-Chlorophenol	n/a	=	3	%	EPA 625	-88	-88	0	30	
2016/17-4	Lab	method blank	1/19/2017	Organic	2-Chlorophenol	n/a	<	0.65	µg/L	EPA 8270C	0.65	1			
2016/17-4	Lab	LCS	1/19/2017	Organic	2-Chlorophenol	n/a	=	7.89	µg/L	EPA 8270C	0.65	1			
2016/17-4	Lab	LCS, rec	1/19/2017	Organic	2-Chlorophenol	n/a	=	79	%	EPA 8270C	-88	-88	27	90	
2016/17-4	Lab	LCS dup	1/19/2017	Organic	2-Chlorophenol	n/a	=	7.75	µg/L	EPA 8270C	0.65	1			
2016/17-4	Lab	LCS dup, rec	1/19/2017	Organic	2-Chlorophenol	n/a	=	78	%	EPA 8270C	-88	-88	27	90	
2016/17-4	Lab	LCS, RPD	1/19/2017	Organic	2-Chlorophenol	n/a	=	2	%	EPA 8270C	-88	-88	0	30	
2016/17-4	Lab	method blank	1/24/2017	Organic	2-Chlorophenol	n/a	<	0.28	µg/L	EPA 625	0.28	1			
2016/17-4	Lab	LCS	1/24/2017	Organic	2-Chlorophenol	n/a	=	18.4	µg/L	EPA 625	0.28	1			
2016/17-4	Lab	LCS, rec	1/24/2017	Organic	2-Chlorophenol	n/a	=	73	%	EPA 625	-88	-88	23	134	
2016/17-4	Lab	LCS dup	1/24/2017	Organic	2-Chlorophenol	n/a	=	18.7	µg/L	EPA 625	0.28	1			
2016/17-4	Lab	LCS dup, rec	1/24/2017	Organic	2-Chlorophenol	n/a	=	75	%	EPA 625	-88	-88	23	134	
2016/17-4	Lab	LCS, RPD	1/24/2017	Organic	2-Chlorophenol	n/a	=	2	%	EPA 625	-88	-88	0	30	
2016/17-4	Lab	srgt method blank	1/13/2017	Organic	2-Fluorobiphenyl	n/a	=	19.5	µg/L	EPA 625	-88	-88			
2016/17-4	Lab	srgt method blank, rec	1/13/2017	Organic	2-Fluorobiphenyl	n/a	=	78	%	EPA 625	-88	-88	22	107	
2016/17-4	Lab	srgt LCS	1/13/2017	Organic	2-Fluorobiphenyl	n/a	=	19.7	µg/L	EPA 625	-88	-88			
2016/17-4	Lab	srgt LCS, rec	1/13/2017	Organic	2-Fluorobiphenyl	n/a	=	79	%	EPA 625	-88	-88	22	107	
2016/17-4	Lab	srgt LCS dup	1/13/2017	Organic	2-Fluorobiphenyl	n/a	=	19.8	µg/L	EPA 625	-88	-88			
2016/17-4	Lab	srgt LCS dup, rec	1/13/2017	Organic	2-Fluorobiphenyl	n/a	=	79	%	EPA 625	-88	-88	22	107	
2016/17-4	Lab	srgt method blank	1/18/2017	Organic	2-Fluorobiphenyl	n/a	=	4.1	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	
2016/17-4	Lab	srgt method blank, rec	1/18/2017	Organic	2-Fluorobiphenyl	n/a	=	82	%	EPA 8270C	-88	-88	51	139	
2016/17-4	Lab	srgt LCS	1/18/2017	Organic	2-Fluorobiphenyl	n/a	=	4.16	µg/L	EPA 8270C	-88	-88			
2016/17-4	Lab	srgt LCS, rec	1/18/2017	Organic	2-Fluorobiphenyl	n/a	=	83	%	EPA 8270C	-88	-88	51	139	
2016/17-4	Lab	srgt LCS dup	1/18/2017	Organic	2-Fluorobiphenyl	n/a	=	3.94	µg/L	EPA 8270C	-88	-88			
2016/17-4	Lab	srgt LCS dup, rec	1/18/2017	Organic	2-Fluorobiphenyl	n/a	=	79	%	EPA 8270C	-88	-88	51	139	
2016/17-4	Lab	srgt method blank	1/24/2017	Organic	2-Fluorobiphenyl	n/a	=	22	µg/L	EPA 625	-88	-88			
2016/17-4	Lab	srgt method blank, rec	1/24/2017	Organic	2-Fluorobiphenyl	n/a	=	88	%	EPA 625	-88	-88	22	107	
2016/17-4	Lab	srgt LCS	1/24/2017	Organic	2-Fluorobiphenyl	n/a	=	20.6	µg/L	EPA 625	-88	-88			
2016/17-4	Lab	srgt LCS, rec	1/24/2017	Organic	2-Fluorobiphenyl	n/a	=	83	%	EPA 625	-88	-88	22	107	
2016/17-4	Lab	srgt LCS dup	1/24/2017	Organic	2-Fluorobiphenyl	n/a	=	20.8	µg/L	EPA 625	-88	-88			
2016/17-4	Lab	srgt LCS dup, rec	1/24/2017	Organic	2-Fluorobiphenyl	n/a	=	83	%	EPA 625	-88	-88	22	107	
2016/17-4	ME-SCR	srgt environ	1/13/2017	Organic	2-Fluorobiphenyl	n/a	=	14.4	µg/L	EPA 625	-88	-88			
2016/17-4	ME-SCR	srgt environ, rec	1/13/2017	Organic	2-Fluorobiphenyl	n/a	=	58	%	EPA 625	-88	-88	22	107	
2016/17-4	ME-SCR	srgt environ	1/18/2017	Organic	2-Fluorobiphenyl	n/a	=	3.9	µg/L	EPA 8270C	-88	-88			
2016/17-4	ME-SCR	srgt environ, rec	1/18/2017	Organic	2-Fluorobiphenyl	n/a	=	78	%	EPA 8270C	-88	-88	51	139	
2016/17-4	Lab	srgt method blank	1/13/2017	Organic	2-Fluorophenol	n/a	=	26.5	µg/L	EPA 625	-88	-88			
2016/17-4	Lab	srgt method blank, rec	1/13/2017	Organic	2-Fluorophenol	n/a	=	53	%	EPA 625	-88	-88	3	74	
2016/17-4	Lab	srgt LCS	1/13/2017	Organic	2-Fluorophenol	n/a	=	23.4	µg/L	EPA 625	-88	-88			
2016/17-4	Lab	srgt LCS, rec	1/13/2017	Organic	2-Fluorophenol	n/a	=	47	%	EPA 625	-88	-88	3	74	
2016/17-4	Lab	srgt LCS dup	1/13/2017	Organic	2-Fluorophenol	n/a	=	24.5	µg/L	EPA 625	-88	-88			
2016/17-4	Lab	srgt LCS dup, rec	1/13/2017	Organic	2-Fluorophenol	n/a	=	49	%	EPA 625	-88	-88	3	74	
2016/17-4	Lab	srgt method blank	1/19/2017	Organic	2-Fluorophenol	n/a	=	5.54	µg/L	EPA 8270C	-88	-88			
2016/17-4	Lab	srgt method blank, rec	1/19/2017	Organic	2-Fluorophenol	n/a	=	55	%	EPA 8270C	-88	-88	11	62	
2016/17-4	Lab	srgt LCS	1/19/2017	Organic	2-Fluorophenol	n/a	=	5.13	µg/L	EPA 8270C	-88	-88			
2016/17-4	Lab	srgt LCS, rec	1/19/2017	Organic	2-Fluorophenol	n/a	=	51	%	EPA 8270C	-88	-88	11	62	
2016/17-4	Lab	srgt LCS dup	1/19/2017	Organic	2-Fluorophenol	n/a	=	5.09	µg/L	EPA 8270C	-88	-88			
2016/17-4	Lab	srgt LCS dup, rec	1/19/2017	Organic	2-Fluorophenol	n/a	=	51	%	EPA 8270C	-88	-88	11	62	
2016/17-4	Lab	srgt method blank	1/24/2017	Organic	2-Fluorophenol	n/a	=	25.6	µg/L	EPA 625	-88	-88			
2016/17-4	Lab	srgt method blank, rec	1/24/2017	Organic	2-Fluorophenol	n/a	=	51	%	EPA 625	-88	-88	3	74	
2016/17-4	Lab	srgt LCS	1/24/2017	Organic	2-Fluorophenol	n/a	=	22.8	µg/L	EPA 625	-88	-88			
2016/17-4	Lab	srgt LCS, rec	1/24/2017	Organic	2-Fluorophenol	n/a	=	46	%	EPA 625	-88	-88	3	74	
2016/17-4	Lab	srgt LCS dup	1/24/2017	Organic	2-Fluorophenol	n/a	=	23.2	µg/L	EPA 625	-88	-88			
2016/17-4	Lab	srgt LCS dup, rec	1/24/2017	Organic	2-Fluorophenol	n/a	=	46	%	EPA 625	-88	-88	3	74	
2016/17-4	ME-SCR	srgt environ	1/13/2017	Organic	2-Fluorophenol	n/a	=	16	µg/L	EPA 625	-88	-88			
2016/17-4	ME-SCR	srgt environ, rec	1/13/2017	Organic	2-Fluorophenol	n/a	=	32	%	EPA 625	-88	-88	3	74	
2016/17-4	ME-SCR	srgt environ	1/19/2017	Organic	2-Fluorophenol	n/a	=	4.54	µg/L	EPA 8270C	-88	-88			
2016/17-4	ME-SCR	srgt environ, rec	1/19/2017	Organic	2-Fluorophenol	n/a	=	45	%	EPA 8270C	-88	-88	11	62	
2016/17-4	Lab	method blank	1/18/2017	Organic	2-Methylnaphthalene	n/a	<	0.1	µg/L	EPA 8270C	0.1	0.1			
2016/17-4	Lab	method blank	1/19/2017	Organic	2-Methylphenol	n/a	<	0.34	µg/L	EPA 8270C	0.34	1			
2016/17-4	Lab	method blank	1/13/2017	Organic	2-Nitrophenol	n/a	<	0.26	µg/L	EPA 625	0.26	1			
2016/17-4	Lab	LCS	1/13/2017	Organic	2-Nitrophenol	n/a	=	20.5	µg/L	EPA 625	0.26	1			
2016/17-4	Lab	LCS, rec	1/13/2017	Organic	2-Nitrophenol	n/a	=	82	%	EPA 625	-88	-88	29	182	
2016/17-4	Lab	LCS dup	1/13/2017	Organic	2-Nitrophenol	n/a	=	21.1	µg/L	EPA 625	0.26	1			
2016/17-4	Lab	LCS dup, rec	1/13/2017	Organic	2-Nitrophenol	n/a	=	84	%	EPA 625	-88	-88	29	182	
2016/17-4	Lab	LCS, RPD	1/13/2017	Organic	2-Nitrophenol	n/a	=	3	%	EPA 625	-88	-88	0	30	
2016/17-4	Lab	method blank	1/19/2017	Organic	2-Nitrophenol	n/a	<	0.71	µg/L	EPA 8270C	0.71	1			
2016/17-4	Lab	LCS	1/19/2017	Organic	2-Nitrophenol	n/a	=	8.17	µg/L	EPA 8270C	0.71	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	
2016/17-4	Lab	LCS, rec	1/19/2017	Organic	2-Nitrophenol	n/a	=	82	%	EPA 8270C	-88	-88	33	103	
2016/17-4	Lab	LCS dup	1/19/2017	Organic	2-Nitrophenol	n/a	=	8.01	µg/L	EPA 8270C	0.71	1			
2016/17-4	Lab	LCS dup, rec	1/19/2017	Organic	2-Nitrophenol	n/a	=	80	%	EPA 8270C	-88	-88	33	103	
2016/17-4	Lab	LCS, RPD	1/19/2017	Organic	2-Nitrophenol	n/a	=	2	%	EPA 8270C	-88	-88	0	30	
2016/17-4	Lab	method blank	1/24/2017	Organic	2-Nitrophenol	n/a	<	0.26	µg/L	EPA 625	0.26	1			
2016/17-4	Lab	LCS	1/24/2017	Organic	2-Nitrophenol	n/a	=	21.4	µg/L	EPA 625	0.26	1			
2016/17-4	Lab	LCS, rec	1/24/2017	Organic	2-Nitrophenol	n/a	=	86	%	EPA 625	-88	-88	29	182	
2016/17-4	Lab	LCS dup	1/24/2017	Organic	2-Nitrophenol	n/a	=	21.6	µg/L	EPA 625	0.26	1			
2016/17-4	Lab	LCS dup, rec	1/24/2017	Organic	2-Nitrophenol	n/a	=	86	%	EPA 625	-88	-88	29	182	
2016/17-4	Lab	LCS, RPD	1/24/2017	Organic	2-Nitrophenol	n/a	=	0.8	%	EPA 625	-88	-88	0	30	
2016/17-4	Lab	method blank	1/13/2017	Organic	3,3'-Dichlorobenzidine	n/a	<	1.2	µg/L	EPA 625	1.2	5			
2016/17-4	Lab	LCS	1/13/2017	Organic	3,3'-Dichlorobenzidine	n/a	=	19	µg/L	EPA 625	1.2	5			
2016/17-4	Lab	LCS, rec	1/13/2017	Organic	3,3'-Dichlorobenzidine	n/a	=	76	%	EPA 625	-88	-88	0.1	262	
2016/17-4	Lab	LCS dup	1/13/2017	Organic	3,3'-Dichlorobenzidine	n/a	=	18.3	µg/L	EPA 625	1.2	5			
2016/17-4	Lab	LCS dup, rec	1/13/2017	Organic	3,3'-Dichlorobenzidine	n/a	=	73	%	EPA 625	-88	-88	0.1	262	
2016/17-4	Lab	LCS, RPD	1/13/2017	Organic	3,3'-Dichlorobenzidine	n/a	=	4	%	EPA 625	-88	-88	0	30	
2016/17-4	Lab	method blank	1/24/2017	Organic	3,3'-Dichlorobenzidine	n/a	<	1.2	µg/L	EPA 625	1.2	5			
2016/17-4	Lab	LCS	1/24/2017	Organic	3,3'-Dichlorobenzidine	n/a	=	25	µg/L	EPA 625	1.2	5			
2016/17-4	Lab	LCS, rec	1/24/2017	Organic	3,3'-Dichlorobenzidine	n/a	=	100	%	EPA 625	-88	-88	0.1	262	
2016/17-4	Lab	LCS dup	1/24/2017	Organic	3,3'-Dichlorobenzidine	n/a	=	21.5	µg/L	EPA 625	1.2	5			
2016/17-4	Lab	LCS dup, rec	1/24/2017	Organic	3,3'-Dichlorobenzidine	n/a	=	86	%	EPA 625	-88	-88	0.1	262	
2016/17-4	Lab	LCS, RPD	1/24/2017	Organic	3,3'-Dichlorobenzidine	n/a	=	15	%	EPA 625	-88	-88	0	30	
2016/17-4	Lab	method blank	1/19/2017	Organic	3-/4-Methylphenol	n/a	<	0.3	µg/L	EPA 8270C	0.3	1			
2016/17-4	Lab	method blank	1/13/2017	Organic	4,6-Dinitro-2-methylphenol	n/a	<	1.7	µg/L	EPA 625	1.7	5			
2016/17-4	Lab	LCS	1/13/2017	Organic	4,6-Dinitro-2-methylphenol	n/a	=	20.5	µg/L	EPA 625	1.7	5			
2016/17-4	Lab	LCS, rec	1/13/2017	Organic	4,6-Dinitro-2-methylphenol	n/a	=	82	%	EPA 625	-88	-88	0.1	181	
2016/17-4	Lab	LCS dup	1/13/2017	Organic	4,6-Dinitro-2-methylphenol	n/a	=	18.9	µg/L	EPA 625	1.7	5			
2016/17-4	Lab	LCS dup, rec	1/13/2017	Organic	4,6-Dinitro-2-methylphenol	n/a	=	75	%	EPA 625	-88	-88	0.1	181	
2016/17-4	Lab	LCS, RPD	1/13/2017	Organic	4,6-Dinitro-2-methylphenol	n/a	=	9	%	EPA 625	-88	-88	0	30	
2016/17-4	Lab	method blank	1/19/2017	Organic	4,6-Dinitro-2-methylphenol	n/a	<	0.14	µg/L	EPA 8270C	0.14	1			
2016/17-4	Lab	LCS	1/19/2017	Organic	4,6-Dinitro-2-methylphenol	n/a	=	7.74	µg/L	EPA 8270C	0.14	1			
2016/17-4	Lab	LCS, rec	1/19/2017	Organic	4,6-Dinitro-2-methylphenol	n/a	=	77	%	EPA 8270C	-88	-88	33	118	
2016/17-4	Lab	LCS dup	1/19/2017	Organic	4,6-Dinitro-2-methylphenol	n/a	=	8.61	µg/L	EPA 8270C	0.14	1			
2016/17-4	Lab	LCS dup, rec	1/19/2017	Organic	4,6-Dinitro-2-methylphenol	n/a	=	86	%	EPA 8270C	-88	-88	33	118	
2016/17-4	Lab	LCS, RPD	1/19/2017	Organic	4,6-Dinitro-2-methylphenol	n/a	=	11	%	EPA 8270C	-88	-88	0	30	
2016/17-4	Lab	method blank	1/24/2017	Organic	4,6-Dinitro-2-methylphenol	n/a	<	1.7	µg/L	EPA 625	1.7	5			
2016/17-4	Lab	LCS	1/24/2017	Organic	4,6-Dinitro-2-methylphenol	n/a	=	28	µg/L	EPA 625	1.7	5			
2016/17-4	Lab	LCS, rec	1/24/2017	Organic	4,6-Dinitro-2-methylphenol	n/a	=	112	%	EPA 625	-88	-88	0.1	181	
2016/17-4	Lab	LCS dup	1/24/2017	Organic	4,6-Dinitro-2-methylphenol	n/a	=	26.5	µg/L	EPA 625	1.7	5			
2016/17-4	Lab	LCS dup, rec	1/24/2017	Organic	4,6-Dinitro-2-methylphenol	n/a	=	106	%	EPA 625	-88	-88	0.1	181	
2016/17-4	Lab	LCS, RPD	1/24/2017	Organic	4,6-Dinitro-2-methylphenol	n/a	=	6	%	EPA 625	-88	-88	0	30	
2016/17-4	000NONPJ	srgt matrix spike	1/10/2017	Organic	4-Bromofluorobenzene	n/a	=	49.9	µg/L	EPA 624	-88	-88			
2016/17-4	000NONPJ	srgt matrix spike, rec	1/10/2017	Organic	4-Bromofluorobenzene	n/a	=	100	%	EPA 624	-88	-88	88	108	
2016/17-4	000NONPJ	srgt matrix spike dup	1/10/2017	Organic	4-Bromofluorobenzene	n/a	=	49.8	µg/L	EPA 624	-88	-88			
2016/17-4	000NONPJ	srgt matrix spike dup, rec	1/10/2017	Organic	4-Bromofluorobenzene	n/a	=	100	%	EPA 624	-88	-88	88	108	
2016/17-4	Lab	srgt LCS	1/9/2017	Organic	4-Bromofluorobenzene	n/a	=	42	µg/L	EPA 8015D	-88	-88			
2016/17-4	Lab	srgt LCS, rec	1/9/2017	Organic	4-Bromofluorobenzene	n/a	=	84	%	EPA 8015D	-88	-88	72	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	
2016/17-4	Lab	srgt LCS dup	1/9/2017	Organic	4-Bromofluorobenzene	n/a	=	46	µg/L	EPA 8015D	-88	-88			
2016/17-4	Lab	srgt LCS dup, rec	1/9/2017	Organic	4-Bromofluorobenzene	n/a	=	92	%	EPA 8015D	-88	-88	72	124	
2016/17-4	Lab	srgt method blank	1/9/2017	Organic	4-Bromofluorobenzene	n/a	=	41	µg/L	EPA 8015D	-88	-88			
2016/17-4	Lab	srgt method blank, rec	1/9/2017	Organic	4-Bromofluorobenzene	n/a	=	82	%	EPA 8015D	-88	-88	72	124	
2016/17-4	Lab	srgt LCS	1/9/2017	Organic	4-Bromofluorobenzene	n/a	=	49.5	µg/L	EPA 624	-88	-88			
2016/17-4	Lab	srgt LCS, rec	1/9/2017	Organic	4-Bromofluorobenzene	n/a	=	99	%	EPA 624	-88	-88	88	108	
2016/17-4	Lab	srgt LCS dup	1/9/2017	Organic	4-Bromofluorobenzene	n/a	=	49	µg/L	EPA 624	-88	-88			
2016/17-4	Lab	srgt LCS dup, rec	1/9/2017	Organic	4-Bromofluorobenzene	n/a	=	98	%	EPA 624	-88	-88	88	108	
2016/17-4	Lab	srgt method blank	1/9/2017	Organic	4-Bromofluorobenzene	n/a	=	48.5	µg/L	EPA 624	-88	-88			
2016/17-4	Lab	srgt method blank, rec	1/9/2017	Organic	4-Bromofluorobenzene	n/a	=	97	%	EPA 624	-88	-88	88	108	
2016/17-4	ME-SCR	srgt environ	1/9/2017	Organic	4-Bromofluorobenzene	n/a	=	41	µg/L	EPA 8015D	-88	-88			
2016/17-4	ME-SCR	srgt environ, rec	1/9/2017	Organic	4-Bromofluorobenzene	n/a	=	82	%	EPA 8015D	-88	-88	72	124	
2016/17-4	ME-SCR	srgt environ	1/10/2017	Organic	4-Bromofluorobenzene	n/a	=	48.3	µg/L	EPA 624	-88	-88			
2016/17-4	ME-SCR	srgt environ, rec	1/10/2017	Organic	4-Bromofluorobenzene	n/a	=	97	%	EPA 624	-88	-88	88	108	
2016/17-4	Lab	method blank	1/13/2017	Organic	4-Bromophenyl phenyl ether	n/a	<	0.36	µg/L	EPA 625	0.36	1			
2016/17-4	Lab	LCS	1/13/2017	Organic	4-Bromophenyl phenyl ether	n/a	=	17.6	µg/L	EPA 625	0.36	1			
2016/17-4	Lab	LCS, rec	1/13/2017	Organic	4-Bromophenyl phenyl ether	n/a	=	70	%	EPA 625	-88	-88	53	127	
2016/17-4	Lab	LCS dup	1/13/2017	Organic	4-Bromophenyl phenyl ether	n/a	=	17.2	µg/L	EPA 625	0.36	1			
2016/17-4	Lab	LCS dup, rec	1/13/2017	Organic	4-Bromophenyl phenyl ether	n/a	=	69	%	EPA 625	-88	-88	53	127	
2016/17-4	Lab	LCS, RPD	1/13/2017	Organic	4-Bromophenyl phenyl ether	n/a	=	2	%	EPA 625	-88	-88	0	30	
2016/17-4	Lab	method blank	1/24/2017	Organic	4-Bromophenyl phenyl ether	n/a	<	0.36	µg/L	EPA 625	0.36	1			
2016/17-4	Lab	LCS	1/24/2017	Organic	4-Bromophenyl phenyl ether	n/a	=	19.5	µg/L	EPA 625	0.36	1			
2016/17-4	Lab	LCS, rec	1/24/2017	Organic	4-Bromophenyl phenyl ether	n/a	=	78	%	EPA 625	-88	-88	53	127	
2016/17-4	Lab	LCS dup	1/24/2017	Organic	4-Bromophenyl phenyl ether	n/a	=	19.2	µg/L	EPA 625	0.36	1			
2016/17-4	Lab	LCS dup, rec	1/24/2017	Organic	4-Bromophenyl phenyl ether	n/a	=	77	%	EPA 625	-88	-88	53	127	
2016/17-4	Lab	LCS, RPD	1/24/2017	Organic	4-Bromophenyl phenyl ether	n/a	=	2	%	EPA 625	-88	-88	0	30	
2016/17-4	Lab	method blank	1/13/2017	Organic	4-Chloro-3-methylphenol	n/a	<	0.23	µg/L	EPA 625	0.23	1			
2016/17-4	Lab	LCS	1/13/2017	Organic	4-Chloro-3-methylphenol	n/a	=	21.2	µg/L	EPA 625	0.23	1			
2016/17-4	Lab	LCS, rec	1/13/2017	Organic	4-Chloro-3-methylphenol	n/a	=	85	%	EPA 625	-88	-88	22	147	
2016/17-4	Lab	LCS dup	1/13/2017	Organic	4-Chloro-3-methylphenol	n/a	=	21	µg/L	EPA 625	0.23	1			
2016/17-4	Lab	LCS dup, rec	1/13/2017	Organic	4-Chloro-3-methylphenol	n/a	=	84	%	EPA 625	-88	-88	22	147	
2016/17-4	Lab	LCS, RPD	1/13/2017	Organic	4-Chloro-3-methylphenol	n/a	=	0.6	%	EPA 625	-88	-88	0	30	
2016/17-4	Lab	method blank	1/19/2017	Organic	4-Chloro-3-methylphenol	n/a	<	0.37	µg/L	EPA 8270C	0.37	1			
2016/17-4	Lab	LCS	1/19/2017	Organic	4-Chloro-3-methylphenol	n/a	=	8.62	µg/L	EPA 8270C	0.37	1			
2016/17-4	Lab	LCS, rec	1/19/2017	Organic	4-Chloro-3-methylphenol	n/a	=	86	%	EPA 8270C	-88	-88	29	108	
2016/17-4	Lab	LCS dup	1/19/2017	Organic	4-Chloro-3-methylphenol	n/a	=	8.47	µg/L	EPA 8270C	0.37	1			
2016/17-4	Lab	LCS dup, rec	1/19/2017	Organic	4-Chloro-3-methylphenol	n/a	=	85	%	EPA 8270C	-88	-88	29	108	
2016/17-4	Lab	LCS, RPD	1/19/2017	Organic	4-Chloro-3-methylphenol	n/a	=	2	%	EPA 8270C	-88	-88	0	30	
2016/17-4	Lab	method blank	1/24/2017	Organic	4-Chloro-3-methylphenol	n/a	<	0.23	µg/L	EPA 625	0.23	1			
2016/17-4	Lab	LCS	1/24/2017	Organic	4-Chloro-3-methylphenol	n/a	=	23.3	µg/L	EPA 625	0.23	1			
2016/17-4	Lab	LCS, rec	1/24/2017	Organic	4-Chloro-3-methylphenol	n/a	=	93	%	EPA 625	-88	-88	22	147	
2016/17-4	Lab	LCS dup	1/24/2017	Organic	4-Chloro-3-methylphenol	n/a	=	23.6	µg/L	EPA 625	0.23	1			
2016/17-4	Lab	LCS dup, rec	1/24/2017	Organic	4-Chloro-3-methylphenol	n/a	=	95	%	EPA 625	-88	-88	22	147	
2016/17-4	Lab	LCS, RPD	1/24/2017	Organic	4-Chloro-3-methylphenol	n/a	=	1	%	EPA 625	-88	-88	0	30	
2016/17-4	Lab	method blank	1/13/2017	Organic	4-Chlorophenyl phenyl ether	n/a	<	0.41	µg/L	EPA 625	0.41	1			
2016/17-4	Lab	LCS	1/13/2017	Organic	4-Chlorophenyl phenyl ether	n/a	=	19.9	µg/L	EPA 625	0.41	1			
2016/17-4	Lab	LCS, rec	1/13/2017	Organic	4-Chlorophenyl phenyl ether	n/a	=	80	%	EPA 625	-88	-88	25	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	
2016/17-4	Lab	LCS dup	1/13/2017	Organic	4-Chlorophenyl phenyl ether	n/a	=	19.9	µg/L	EPA 625	0.41	1			
2016/17-4	Lab	LCS dup, rec	1/13/2017	Organic	4-Chlorophenyl phenyl ether	n/a	=	79	%	EPA 625	-88	-88	25	158	
2016/17-4	Lab	LCS, RPD	1/13/2017	Organic	4-Chlorophenyl phenyl ether	n/a	=	0.4	%	EPA 625	-88	-88	0	30	
2016/17-4	Lab	method blank	1/24/2017	Organic	4-Chlorophenyl phenyl ether	n/a	<	0.41	µg/L	EPA 625	0.41	1			
2016/17-4	Lab	LCS	1/24/2017	Organic	4-Chlorophenyl phenyl ether	n/a	=	21.3	µg/L	EPA 625	0.41	1			
2016/17-4	Lab	LCS, rec	1/24/2017	Organic	4-Chlorophenyl phenyl ether	n/a	=	85	%	EPA 625	-88	-88	25	158	
2016/17-4	Lab	LCS dup	1/24/2017	Organic	4-Chlorophenyl phenyl ether	n/a	=	21.5	µg/L	EPA 625	0.41	1			
2016/17-4	Lab	LCS dup, rec	1/24/2017	Organic	4-Chlorophenyl phenyl ether	n/a	=	86	%	EPA 625	-88	-88	25	158	
2016/17-4	Lab	LCS, RPD	1/24/2017	Organic	4-Chlorophenyl phenyl ether	n/a	=	0.8	%	EPA 625	-88	-88	0	30	
2016/17-4	Lab	method blank	1/13/2017	Organic	4-Nitrophenol	n/a	<	0.45	µg/L	EPA 625	0.45	5			
2016/17-4	Lab	LCS	1/13/2017	Organic	4-Nitrophenol	n/a	=	8.21	µg/L	EPA 625	0.45	5			
2016/17-4	Lab	LCS, rec	1/13/2017	Organic	4-Nitrophenol	n/a	=	33	%	EPA 625	-88	-88	0.1	132	
2016/17-4	Lab	LCS dup	1/13/2017	Organic	4-Nitrophenol	n/a	=	8.02	µg/L	EPA 625	0.45	5			
2016/17-4	Lab	LCS dup, rec	1/13/2017	Organic	4-Nitrophenol	n/a	=	32	%	EPA 625	-88	-88	0.1	132	
2016/17-4	Lab	LCS, RPD	1/13/2017	Organic	4-Nitrophenol	n/a	=	2	%	EPA 625	-88	-88	0	30	
2016/17-4	Lab	method blank	1/19/2017	Organic	4-Nitrophenol	n/a	<	1	µg/L	EPA 8270C	1	2			
2016/17-4	Lab	LCS	1/19/2017	Organic	4-Nitrophenol	n/a	=	3.14	µg/L	EPA 8270C	1	2			
2016/17-4	Lab	LCS, rec	1/19/2017	Organic	4-Nitrophenol	n/a	=	31	%	EPA 8270C	-88	-88	6	46	
2016/17-4	Lab	LCS dup	1/19/2017	Organic	4-Nitrophenol	n/a	=	3.54	µg/L	EPA 8270C	1	2			
2016/17-4	Lab	LCS dup, rec	1/19/2017	Organic	4-Nitrophenol	n/a	=	35	%	EPA 8270C	-88	-88	6	46	
2016/17-4	Lab	LCS, RPD	1/19/2017	Organic	4-Nitrophenol	n/a	=	12	%	EPA 8270C	-88	-88	0	30	
2016/17-4	Lab	method blank	1/24/2017	Organic	4-Nitrophenol	n/a	<	0.45	µg/L	EPA 625	0.45	5			
2016/17-4	Lab	LCS	1/24/2017	Organic	4-Nitrophenol	n/a	=	13	µg/L	EPA 625	0.45	5			
2016/17-4	Lab	LCS, rec	1/24/2017	Organic	4-Nitrophenol	n/a	=	52	%	EPA 625	-88	-88	0.1	132	
2016/17-4	Lab	LCS dup	1/24/2017	Organic	4-Nitrophenol	n/a	=	12.8	µg/L	EPA 625	0.45	5			
2016/17-4	Lab	LCS dup, rec	1/24/2017	Organic	4-Nitrophenol	n/a	=	51	%	EPA 625	-88	-88	0.1	132	
2016/17-4	Lab	LCS, RPD	1/24/2017	Organic	4-Nitrophenol	n/a	=	2	%	EPA 625	-88	-88	0	30	
2016/17-4	Lab	method blank	1/13/2017	Organic	Acenaphthene	n/a	<	0.38	µg/L	EPA 625	0.38	1			
2016/17-4	Lab	LCS	1/13/2017	Organic	Acenaphthene	n/a	=	19.8	µg/L	EPA 625	0.38	1			
2016/17-4	Lab	LCS, rec	1/13/2017	Organic	Acenaphthene	n/a	=	79	%	EPA 625	-88	-88	47	145	
2016/17-4	Lab	LCS dup	1/13/2017	Organic	Acenaphthene	n/a	=	20.3	µg/L	EPA 625	0.38	1			
2016/17-4	Lab	LCS dup, rec	1/13/2017	Organic	Acenaphthene	n/a	=	81	%	EPA 625	-88	-88	47	145	
2016/17-4	Lab	LCS, RPD	1/13/2017	Organic	Acenaphthene	n/a	=	2	%	EPA 625	-88	-88	0	30	
2016/17-4	Lab	method blank	1/18/2017	Organic	Acenaphthene	n/a	<	0.1	µg/L	EPA 8270C	0.1	0.1			
2016/17-4	Lab	LCS	1/18/2017	Organic	Acenaphthene	n/a	=	8.74	µg/L	EPA 8270C	0.1	0.1			
2016/17-4	Lab	LCS, rec	1/18/2017	Organic	Acenaphthene	n/a	=	87	%	EPA 8270C	-88	-88	11	122	
2016/17-4	Lab	LCS dup	1/18/2017	Organic	Acenaphthene	n/a	=	8.46	µg/L	EPA 8270C	0.1	0.1			
2016/17-4	Lab	LCS dup, rec	1/18/2017	Organic	Acenaphthene	n/a	=	85	%	EPA 8270C	-88	-88	11	122	
2016/17-4	Lab	LCS, RPD	1/18/2017	Organic	Acenaphthene	n/a	=	3	%	EPA 8270C	-88	-88	0	30	
2016/17-4	Lab	method blank	1/24/2017	Organic	Acenaphthene	n/a	<	0.38	µg/L	EPA 625	0.38	1			
2016/17-4	Lab	LCS	1/24/2017	Organic	Acenaphthene	n/a	=	20.1	µg/L	EPA 625	0.38	1			
2016/17-4	Lab	LCS, rec	1/24/2017	Organic	Acenaphthene	n/a	=	80	%	EPA 625	-88	-88	47	145	
2016/17-4	Lab	LCS dup	1/24/2017	Organic	Acenaphthene	n/a	=	20.2	µg/L	EPA 625	0.38	1			
2016/17-4	Lab	LCS dup, rec	1/24/2017	Organic	Acenaphthene	n/a	=	81	%	EPA 625	-88	-88	47	145	
2016/17-4	Lab	LCS, RPD	1/24/2017	Organic	Acenaphthene	n/a	=	0.9	%	EPA 625	-88	-88	0	30	
2016/17-4	Lab	method blank	1/13/2017	Organic	Acenaphthylene	n/a	<	0.4	µg/L	EPA 625	0.4	1			
2016/17-4	Lab	LCS	1/13/2017	Organic	Acenaphthylene	n/a	=	20.3	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	
2016/17-4	Lab	LCS, rec	1/13/2017	Organic	Acenaphthylene	n/a	=	81	%	EPA 625	-88	-88	33	145	
2016/17-4	Lab	LCS dup	1/13/2017	Organic	Acenaphthylene	n/a	=	20.5	µg/L	EPA 625	0.4	1			
2016/17-4	Lab	LCS dup, rec	1/13/2017	Organic	Acenaphthylene	n/a	=	82	%	EPA 625	-88	-88	33	145	
2016/17-4	Lab	LCS, RPD	1/13/2017	Organic	Acenaphthylene	n/a	=	0.8	%	EPA 625	-88	-88	0	30	
2016/17-4	Lab	method blank	1/18/2017	Organic	Acenaphthylene	n/a	<	0.1	µg/L	EPA 8270C	0.1	0.1			
2016/17-4	Lab	LCS	1/18/2017	Organic	Acenaphthylene	n/a	=	9.09	µg/L	EPA 8270C	0.1	0.1			
2016/17-4	Lab	LCS, rec	1/18/2017	Organic	Acenaphthylene	n/a	=	91	%	EPA 8270C	-88	-88	4	135	
2016/17-4	Lab	LCS dup	1/18/2017	Organic	Acenaphthylene	n/a	=	8.72	µg/L	EPA 8270C	0.1	0.1			
2016/17-4	Lab	LCS dup, rec	1/18/2017	Organic	Acenaphthylene	n/a	=	87	%	EPA 8270C	-88	-88	4	135	
2016/17-4	Lab	LCS, RPD	1/18/2017	Organic	Acenaphthylene	n/a	=	4	%	EPA 8270C	-88	-88	0	30	
2016/17-4	Lab	method blank	1/24/2017	Organic	Acenaphthylene	n/a	<	0.4	µg/L	EPA 625	0.4	1			
2016/17-4	Lab	LCS	1/24/2017	Organic	Acenaphthylene	n/a	=	23	µg/L	EPA 625	0.4	1			
2016/17-4	Lab	LCS, rec	1/24/2017	Organic	Acenaphthylene	n/a	=	92	%	EPA 625	-88	-88	33	145	
2016/17-4	Lab	LCS dup	1/24/2017	Organic	Acenaphthylene	n/a	=	23.4	µg/L	EPA 625	0.4	1			
2016/17-4	Lab	LCS dup, rec	1/24/2017	Organic	Acenaphthylene	n/a	=	94	%	EPA 625	-88	-88	33	145	
2016/17-4	Lab	LCS, RPD	1/24/2017	Organic	Acenaphthylene	n/a	=	2	%	EPA 625	-88	-88	0	30	
2016/17-4	Lab	method blank	1/13/2017	Organic	Anthracene	n/a	<	0.34	µg/L	EPA 625	0.34	1			
2016/17-4	Lab	LCS	1/13/2017	Organic	Anthracene	n/a	=	20.9	µg/L	EPA 625	0.34	1			
2016/17-4	Lab	LCS, rec	1/13/2017	Organic	Anthracene	n/a	=	84	%	EPA 625	-88	-88	27	133	
2016/17-4	Lab	LCS dup	1/13/2017	Organic	Anthracene	n/a	=	20.4	µg/L	EPA 625	0.34	1			
2016/17-4	Lab	LCS dup, rec	1/13/2017	Organic	Anthracene	n/a	=	82	%	EPA 625	-88	-88	27	133	
2016/17-4	Lab	LCS, RPD	1/13/2017	Organic	Anthracene	n/a	=	2	%	EPA 625	-88	-88	0	30	
2016/17-4	Lab	method blank	1/18/2017	Organic	Anthracene	n/a	<	0.1	µg/L	EPA 8270C	0.1	0.1			
2016/17-4	Lab	LCS	1/18/2017	Organic	Anthracene	n/a	=	8.16	µg/L	EPA 8270C	0.1	0.1			
2016/17-4	Lab	LCS, rec	1/18/2017	Organic	Anthracene	n/a	=	82	%	EPA 8270C	-88	-88	22	127	
2016/17-4	Lab	LCS dup	1/18/2017	Organic	Anthracene	n/a	=	8	µg/L	EPA 8270C	0.1	0.1			
2016/17-4	Lab	LCS dup, rec	1/18/2017	Organic	Anthracene	n/a	=	80	%	EPA 8270C	-88	-88	22	127	
2016/17-4	Lab	LCS, RPD	1/18/2017	Organic	Anthracene	n/a	=	2	%	EPA 8270C	-88	-88	0	30	
2016/17-4	Lab	method blank	1/24/2017	Organic	Anthracene	n/a	<	0.34	µg/L	EPA 625	0.34	1			
2016/17-4	Lab	LCS	1/24/2017	Organic	Anthracene	n/a	=	20.8	µg/L	EPA 625	0.34	1			
2016/17-4	Lab	LCS, rec	1/24/2017	Organic	Anthracene	n/a	=	83	%	EPA 625	-88	-88	27	133	
2016/17-4	Lab	LCS dup	1/24/2017	Organic	Anthracene	n/a	=	20.7	µg/L	EPA 625	0.34	1			
2016/17-4	Lab	LCS dup, rec	1/24/2017	Organic	Anthracene	n/a	=	83	%	EPA 625	-88	-88	27	133	
2016/17-4	Lab	LCS, RPD	1/24/2017	Organic	Anthracene	n/a	=	0.3	%	EPA 625	-88	-88	0	30	
2016/17-4	Lab	method blank	1/13/2017	Organic	Benz(a)anthracene	n/a	<	0.19	µg/L	EPA 625	0.19	1			
2016/17-4	Lab	LCS	1/13/2017	Organic	Benz(a)anthracene	n/a	=	19.1	µg/L	EPA 625	0.19	1			
2016/17-4	Lab	LCS, rec	1/13/2017	Organic	Benz(a)anthracene	n/a	=	77	%	EPA 625	-88	-88	33	143	
2016/17-4	Lab	LCS dup	1/13/2017	Organic	Benz(a)anthracene	n/a	=	18.8	µg/L	EPA 625	0.19	1			
2016/17-4	Lab	LCS dup, rec	1/13/2017	Organic	Benz(a)anthracene	n/a	=	75	%	EPA 625	-88	-88	33	143	
2016/17-4	Lab	LCS, RPD	1/13/2017	Organic	Benz(a)anthracene	n/a	=	2	%	EPA 625	-88	-88	0	30	
2016/17-4	Lab	method blank	1/18/2017	Organic	Benz(a)anthracene	n/a	<	0.1	µg/L	EPA 8270C	0.1	0.1			
2016/17-4	Lab	LCS	1/18/2017	Organic	Benz(a)anthracene	n/a	=	6.44	µg/L	EPA 8270C	0.1	0.1			
2016/17-4	Lab	LCS, rec	1/18/2017	Organic	Benz(a)anthracene	n/a	=	64	%	EPA 8270C	-88	-88	17	131	
2016/17-4	Lab	LCS dup	1/18/2017	Organic	Benz(a)anthracene	n/a	=	7.52	µg/L	EPA 8270C	0.1	0.1			
2016/17-4	Lab	LCS dup, rec	1/18/2017	Organic	Benz(a)anthracene	n/a	=	75	%	EPA 8270C	-88	-88	17	131	
2016/17-4	Lab	LCS, RPD	1/18/2017	Organic	Benz(a)anthracene	n/a	=	16	%	EPA 8270C	-88	-88	0	30	
2016/17-4	Lab	method blank	1/24/2017	Organic	Benz(a)anthracene	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	
2016/17-4	Lab	LCS	1/24/2017	Organic	Benz(a)anthracene	n/a	=	25.3	µg/L	EPA 625	0.19	1			
2016/17-4	Lab	LCS, rec	1/24/2017	Organic	Benz(a)anthracene	n/a	=	101	%	EPA 625	-88	-88	33	143	
2016/17-4	Lab	LCS dup	1/24/2017	Organic	Benz(a)anthracene	n/a	=	23.7	µg/L	EPA 625	0.19	1			
2016/17-4	Lab	LCS dup, rec	1/24/2017	Organic	Benz(a)anthracene	n/a	=	95	%	EPA 625	-88	-88	33	143	
2016/17-4	Lab	LCS, RPD	1/24/2017	Organic	Benz(a)anthracene	n/a	=	7	%	EPA 625	-88	-88	0	30	
2016/17-4	Lab	method blank	1/13/2017	Organic	Benzidine	n/a	<	3.7	µg/L	EPA 625	3.7	10			
2016/17-4	Lab	method blank	1/24/2017	Organic	Benzidine	n/a	<	3.7	µg/L	EPA 625	3.7	10			
2016/17-4	Lab	method blank	1/13/2017	Organic	Benzo(a)pyrene	n/a	<	0.13	µg/L	EPA 625	0.13	1			
2016/17-4	Lab	LCS	1/13/2017	Organic	Benzo(a)pyrene	n/a	=	21	µg/L	EPA 625	0.13	1			
2016/17-4	Lab	LCS, rec	1/13/2017	Organic	Benzo(a)pyrene	n/a	=	84	%	EPA 625	-88	-88	17	163	
2016/17-4	Lab	LCS dup	1/13/2017	Organic	Benzo(a)pyrene	n/a	=	21.3	µg/L	EPA 625	0.13	1			
2016/17-4	Lab	LCS dup, rec	1/13/2017	Organic	Benzo(a)pyrene	n/a	=	85	%	EPA 625	-88	-88	17	163	
2016/17-4	Lab	LCS, RPD	1/13/2017	Organic	Benzo(a)pyrene	n/a	=	1	%	EPA 625	-88	-88	0	30	
2016/17-4	Lab	method blank	1/18/2017	Organic	Benzo(a)pyrene	n/a	<	0.1	µg/L	EPA 8270C	0.1	0.1			
2016/17-4	Lab	LCS	1/18/2017	Organic	Benzo(a)pyrene	n/a	=	10.6	µg/L	EPA 8270C	0.1	0.1			
2016/17-4	Lab	LCS, rec	1/18/2017	Organic	Benzo(a)pyrene	n/a	=	106	%	EPA 8270C	-88	-88	12	131	
2016/17-4	Lab	LCS dup	1/18/2017	Organic	Benzo(a)pyrene	n/a	=	10.7	µg/L	EPA 8270C	0.1	0.1			
2016/17-4	Lab	LCS dup, rec	1/18/2017	Organic	Benzo(a)pyrene	n/a	=	107	%	EPA 8270C	-88	-88	12	131	
2016/17-4	Lab	LCS, RPD	1/18/2017	Organic	Benzo(a)pyrene	n/a	=	0.9	%	EPA 8270C	-88	-88	0	30	
2016/17-4	Lab	method blank	1/23/2017	Organic	Benzo(a)pyrene	n/a	<	0.02	µg/L	EPA 525.2	0.02	0.1			
2016/17-4	Lab	LCS	1/23/2017	Organic	Benzo(a)pyrene	n/a	=	3.43	µg/L	EPA 525.2	0.02	0.1			
2016/17-4	Lab	LCS, rec	1/23/2017	Organic	Benzo(a)pyrene	n/a	=	69	%	EPA 525.2	-88	-88	40	147	
2016/17-4	Lab	LCS dup	1/24/2017	Organic	Benzo(a)pyrene	n/a	=	3.64	µg/L	EPA 525.2	0.02	0.1			
2016/17-4	Lab	LCS dup, rec	1/24/2017	Organic	Benzo(a)pyrene	n/a	=	73	%	EPA 525.2	-88	-88	40	147	
2016/17-4	Lab	LCS, RPD	1/24/2017	Organic	Benzo(a)pyrene	n/a	=	6	%	EPA 525.2	-88	-88	0	30	
2016/17-4	Lab	method blank	1/24/2017	Organic	Benzo(a)pyrene	n/a	<	0.13	µg/L	EPA 625	0.13	1			
2016/17-4	Lab	LCS	1/24/2017	Organic	Benzo(a)pyrene	n/a	=	25.3	µg/L	EPA 625	0.13	1			
2016/17-4	Lab	LCS, rec	1/24/2017	Organic	Benzo(a)pyrene	n/a	=	101	%	EPA 625	-88	-88	17	163	
2016/17-4	Lab	LCS dup	1/24/2017	Organic	Benzo(a)pyrene	n/a	=	24.3	µg/L	EPA 625	0.13	1			
2016/17-4	Lab	LCS dup, rec	1/24/2017	Organic	Benzo(a)pyrene	n/a	=	97	%	EPA 625	-88	-88	17	163	
2016/17-4	Lab	LCS, RPD	1/24/2017	Organic	Benzo(a)pyrene	n/a	=	4	%	EPA 625	-88	-88	0	30	
2016/17-4	Lab	method blank	1/25/2017	Organic	Benzo(a)pyrene	n/a	<	0.02	µg/L	EPA 525.2	0.02	0.1			
2016/17-4	Lab	LCS	1/25/2017	Organic	Benzo(a)pyrene	n/a	=	3.26	µg/L	EPA 525.2	0.02	0.1			
2016/17-4	Lab	LCS, rec	1/25/2017	Organic	Benzo(a)pyrene	n/a	=	65	%	EPA 525.2	-88	-88	40	147	
2016/17-4	Lab	LCS dup	1/25/2017	Organic	Benzo(a)pyrene	n/a	=	3.49	µg/L	EPA 525.2	0.02	0.1			
2016/17-4	Lab	LCS dup, rec	1/25/2017	Organic	Benzo(a)pyrene	n/a	=	70	%	EPA 525.2	-88	-88	40	147	
2016/17-4	Lab	LCS, RPD	1/25/2017	Organic	Benzo(a)pyrene	n/a	=	7	%	EPA 525.2	-88	-88	0	30	
2016/17-4	Lab	method blank	1/13/2017	Organic	Benzo(b)fluoranthene	n/a	<	0.14	µg/L	EPA 625	0.14	1			
2016/17-4	Lab	LCS	1/13/2017	Organic	Benzo(b)fluoranthene	n/a	=	24.8	µg/L	EPA 625	0.14	1			
2016/17-4	Lab	LCS, rec	1/13/2017	Organic	Benzo(b)fluoranthene	n/a	=	99	%	EPA 625	-88	-88	24	159	
2016/17-4	Lab	LCS dup	1/13/2017	Organic	Benzo(b)fluoranthene	n/a	=	23	µg/L	EPA 625	0.14	1			
2016/17-4	Lab	LCS dup, rec	1/13/2017	Organic	Benzo(b)fluoranthene	n/a	=	92	%	EPA 625	-88	-88	24	159	
2016/17-4	Lab	LCS, RPD	1/13/2017	Organic	Benzo(b)fluoranthene	n/a	=	8	%	EPA 625	-88	-88	0	30	
2016/17-4	Lab	method blank	1/18/2017	Organic	Benzo(b)fluoranthene	n/a	<	0.1	µg/L	EPA 8270C	0.1	0.1			
2016/17-4	Lab	LCS	1/18/2017	Organic	Benzo(b)fluoranthene	n/a	=	10.5	µg/L	EPA 8270C	0.1	0.1			
2016/17-4	Lab	LCS, rec	1/18/2017	Organic	Benzo(b)fluoranthene	n/a	=	105	%	EPA 8270C	-88	-88	19	129	
2016/17-4	Lab	LCS dup	1/18/2017	Organic	Benzo(b)fluoranthene	n/a	=	10.6	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	
2016/17-4	Lab	LCS dup, rec	1/18/2017	Organic	Benzo(b)fluoranthene	n/a	=	106	%	EPA 8270C	-88	-88	19	129	
2016/17-4	Lab	LCS, RPD	1/18/2017	Organic	Benzo(b)fluoranthene	n/a	=	0.4	%	EPA 8270C	-88	-88	0	30	
2016/17-4	Lab	method blank	1/24/2017	Organic	Benzo(b)fluoranthene	n/a	<	0.14	µg/L	EPA 625	0.14	1			
2016/17-4	Lab	LCS	1/24/2017	Organic	Benzo(b)fluoranthene	n/a	=	24.8	µg/L	EPA 625	0.14	1			
2016/17-4	Lab	LCS, rec	1/24/2017	Organic	Benzo(b)fluoranthene	n/a	=	99	%	EPA 625	-88	-88	24	159	
2016/17-4	Lab	LCS dup	1/24/2017	Organic	Benzo(b)fluoranthene	n/a	=	23.8	µg/L	EPA 625	0.14	1			
2016/17-4	Lab	LCS dup, rec	1/24/2017	Organic	Benzo(b)fluoranthene	n/a	=	95	%	EPA 625	-88	-88	24	159	
2016/17-4	Lab	LCS, RPD	1/24/2017	Organic	Benzo(b)fluoranthene	n/a	=	4	%	EPA 625	-88	-88	0	30	
2016/17-4	Lab	method blank	1/13/2017	Organic	Benzo(g,h,i)perylene	n/a	<	0.1	µg/L	EPA 625	0.1	2			
2016/17-4	Lab	LCS	1/13/2017	Organic	Benzo(g,h,i)perylene	n/a	=	15.4	µg/L	EPA 625	0.1	2			
2016/17-4	Lab	LCS, rec	1/13/2017	Organic	Benzo(g,h,i)perylene	n/a	=	61	%	EPA 625	-88	-88	0.1	219	
2016/17-4	Lab	LCS dup	1/13/2017	Organic	Benzo(g,h,i)perylene	n/a	=	14.9	µg/L	EPA 625	0.1	2			
2016/17-4	Lab	LCS dup, rec	1/13/2017	Organic	Benzo(g,h,i)perylene	n/a	=	60	%	EPA 625	-88	-88	0.1	219	
2016/17-4	Lab	LCS, RPD	1/13/2017	Organic	Benzo(g,h,i)perylene	n/a	=	3	%	EPA 625	-88	-88	0	30	
2016/17-4	Lab	method blank	1/18/2017	Organic	Benzo(g,h,i)perylene	n/a	<	0.1	µg/L	EPA 8270C	0.1	0.1			
2016/17-4	Lab	LCS	1/18/2017	Organic	Benzo(g,h,i)perylene	n/a	=	12.9	µg/L	EPA 8270C	0.1	0.1			
2016/17-4	Lab	LCS, rec	1/18/2017	Organic	Benzo(g,h,i)perylene	n/a	=	129	%	EPA 8270C	-88	-88	14	139	
2016/17-4	Lab	LCS dup	1/18/2017	Organic	Benzo(g,h,i)perylene	n/a	=	12.7	µg/L	EPA 8270C	0.1	0.1			
2016/17-4	Lab	LCS dup, rec	1/18/2017	Organic	Benzo(g,h,i)perylene	n/a	=	127	%	EPA 8270C	-88	-88	14	139	
2016/17-4	Lab	LCS, RPD	1/18/2017	Organic	Benzo(g,h,i)perylene	n/a	=	2	%	EPA 8270C	-88	-88	0	30	
2016/17-4	Lab	method blank	1/24/2017	Organic	Benzo(g,h,i)perylene	n/a	<	0.1	µg/L	EPA 625	0.1	2			
2016/17-4	Lab	LCS	1/24/2017	Organic	Benzo(g,h,i)perylene	n/a	=	23	µg/L	EPA 625	0.1	2			
2016/17-4	Lab	LCS, rec	1/24/2017	Organic	Benzo(g,h,i)perylene	n/a	=	92	%	EPA 625	-88	-88	0.1	219	
2016/17-4	Lab	LCS dup	1/24/2017	Organic	Benzo(g,h,i)perylene	n/a	=	22.4	µg/L	EPA 625	0.1	2			
2016/17-4	Lab	LCS dup, rec	1/24/2017	Organic	Benzo(g,h,i)perylene	n/a	=	89	%	EPA 625	-88	-88	0.1	219	
2016/17-4	Lab	LCS, RPD	1/24/2017	Organic	Benzo(g,h,i)perylene	n/a	=	3	%	EPA 625	-88	-88	0	30	
2016/17-4	Lab	method blank	1/13/2017	Organic	Benzo(k)fluoranthene	n/a	<	0.22	µg/L	EPA 625	0.22	1			
2016/17-4	Lab	LCS	1/13/2017	Organic	Benzo(k)fluoranthene	n/a	=	19.9	µg/L	EPA 625	0.22	1			
2016/17-4	Lab	LCS, rec	1/13/2017	Organic	Benzo(k)fluoranthene	n/a	=	80	%	EPA 625	-88	-88	11	162	
2016/17-4	Lab	LCS dup	1/13/2017	Organic	Benzo(k)fluoranthene	n/a	=	21.1	µg/L	EPA 625	0.22	1			
2016/17-4	Lab	LCS dup, rec	1/13/2017	Organic	Benzo(k)fluoranthene	n/a	=	84	%	EPA 625	-88	-88	11	162	
2016/17-4	Lab	LCS, RPD	1/13/2017	Organic	Benzo(k)fluoranthene	n/a	=	6	%	EPA 625	-88	-88	0	30	
2016/17-4	Lab	method blank	1/18/2017	Organic	Benzo(k)fluoranthene	n/a	<	0.1	µg/L	EPA 8270C	0.1	0.1			
2016/17-4	Lab	LCS	1/18/2017	Organic	Benzo(k)fluoranthene	n/a	=	10.6	µg/L	EPA 8270C	0.1	0.1			
2016/17-4	Lab	LCS, rec	1/18/2017	Organic	Benzo(k)fluoranthene	n/a	=	106	%	EPA 8270C	-88	-88	22	127	
2016/17-4	Lab	LCS dup	1/18/2017	Organic	Benzo(k)fluoranthene	n/a	=	10.6	µg/L	EPA 8270C	0.1	0.1			
2016/17-4	Lab	LCS dup, rec	1/18/2017	Organic	Benzo(k)fluoranthene	n/a	=	106	%	EPA 8270C	-88	-88	22	127	
2016/17-4	Lab	LCS, RPD	1/18/2017	Organic	Benzo(k)fluoranthene	n/a	=	0.4	%	EPA 8270C	-88	-88	0	30	
2016/17-4	Lab	method blank	1/24/2017	Organic	Benzo(k)fluoranthene	n/a	<	0.22	µg/L	EPA 625	0.22	1			
2016/17-4	Lab	LCS	1/24/2017	Organic	Benzo(k)fluoranthene	n/a	=	25	µg/L	EPA 625	0.22	1			
2016/17-4	Lab	LCS, rec	1/24/2017	Organic	Benzo(k)fluoranthene	n/a	=	100	%	EPA 625	-88	-88	11	162	
2016/17-4	Lab	LCS dup	1/24/2017	Organic	Benzo(k)fluoranthene	n/a	=	24.4	µg/L	EPA 625	0.22	1			
2016/17-4	Lab	LCS dup, rec	1/24/2017	Organic	Benzo(k)fluoranthene	n/a	=	98	%	EPA 625	-88	-88	11	162	
2016/17-4	Lab	LCS, RPD	1/24/2017	Organic	Benzo(k)fluoranthene	n/a	=	2	%	EPA 625	-88	-88	0	30	
2016/17-4	Lab	method blank	1/13/2017	Organic	Bis(2-chloroethoxy)methane	n/a	<	0.25	µg/L	EPA 625	0.25	1			
2016/17-4	Lab	LCS	1/13/2017	Organic	Bis(2-chloroethoxy)methane	n/a	=	19.7	µg/L	EPA 625	0.25	1			
2016/17-4	Lab	LCS, rec	1/13/2017	Organic	Bis(2-chloroethoxy)methane	n/a	=	79	%	EPA 625	-88	-88	33	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	
2016/17-4	Lab	LCS dup	1/13/2017	Organic	Bis(2-chloroethoxy)methane	n/a	=	20.3	µg/L	EPA 625	0.25	1			
2016/17-4	Lab	LCS dup, rec	1/13/2017	Organic	Bis(2-chloroethoxy)methane	n/a	=	81	%	EPA 625	-88	-88	33	184	
2016/17-4	Lab	LCS, RPD	1/13/2017	Organic	Bis(2-chloroethoxy)methane	n/a	=	3	%	EPA 625	-88	-88	0	30	
2016/17-4	Lab	method blank	1/24/2017	Organic	Bis(2-chloroethoxy)methane	n/a	<	0.25	µg/L	EPA 625	0.25	1			
2016/17-4	Lab	LCS	1/24/2017	Organic	Bis(2-chloroethoxy)methane	n/a	=	21.5	µg/L	EPA 625	0.25	1			
2016/17-4	Lab	LCS, rec	1/24/2017	Organic	Bis(2-chloroethoxy)methane	n/a	=	86	%	EPA 625	-88	-88	33	184	
2016/17-4	Lab	LCS dup	1/24/2017	Organic	Bis(2-chloroethoxy)methane	n/a	=	21.5	µg/L	EPA 625	0.25	1			
2016/17-4	Lab	LCS dup, rec	1/24/2017	Organic	Bis(2-chloroethoxy)methane	n/a	=	86	%	EPA 625	-88	-88	33	184	
2016/17-4	Lab	LCS, RPD	1/24/2017	Organic	Bis(2-chloroethoxy)methane	n/a	=	0.2	%	EPA 625	-88	-88	0	30	
2016/17-4	Lab	method blank	1/13/2017	Organic	Bis(2-chloroethyl)ether	n/a	<	0.27	µg/L	EPA 625	0.27	1			
2016/17-4	Lab	LCS	1/13/2017	Organic	Bis(2-chloroethyl)ether	n/a	=	18.5	µg/L	EPA 625	0.27	1			
2016/17-4	Lab	LCS, rec	1/13/2017	Organic	Bis(2-chloroethyl)ether	n/a	=	74	%	EPA 625	-88	-88	12	158	
2016/17-4	Lab	LCS dup	1/13/2017	Organic	Bis(2-chloroethyl)ether	n/a	=	19	µg/L	EPA 625	0.27	1			
2016/17-4	Lab	LCS dup, rec	1/13/2017	Organic	Bis(2-chloroethyl)ether	n/a	=	76	%	EPA 625	-88	-88	12	158	
2016/17-4	Lab	LCS, RPD	1/13/2017	Organic	Bis(2-chloroethyl)ether	n/a	=	3	%	EPA 625	-88	-88	0	30	
2016/17-4	Lab	method blank	1/24/2017	Organic	Bis(2-chloroethyl)ether	n/a	<	0.27	µg/L	EPA 625	0.27	1			
2016/17-4	Lab	LCS	1/24/2017	Organic	Bis(2-chloroethyl)ether	n/a	=	19	µg/L	EPA 625	0.27	1			
2016/17-4	Lab	LCS, rec	1/24/2017	Organic	Bis(2-chloroethyl)ether	n/a	=	76	%	EPA 625	-88	-88	12	158	
2016/17-4	Lab	LCS dup	1/24/2017	Organic	Bis(2-chloroethyl)ether	n/a	=	19.3	µg/L	EPA 625	0.27	1			
2016/17-4	Lab	LCS dup, rec	1/24/2017	Organic	Bis(2-chloroethyl)ether	n/a	=	77	%	EPA 625	-88	-88	12	158	
2016/17-4	Lab	LCS, RPD	1/24/2017	Organic	Bis(2-chloroethyl)ether	n/a	=	2	%	EPA 625	-88	-88	0	30	
2016/17-4	Lab	method blank	1/13/2017	Organic	Bis(2-chloroisopropyl)ether	n/a	<	0.38	µg/L	EPA 625	0.38	1			
2016/17-4	Lab	LCS	1/13/2017	Organic	Bis(2-chloroisopropyl)ether	n/a	=	19.2	µg/L	EPA 625	0.38	1			
2016/17-4	Lab	LCS, rec	1/13/2017	Organic	Bis(2-chloroisopropyl)ether	n/a	=	77	%	EPA 625	-88	-88	36	166	
2016/17-4	Lab	LCS dup	1/13/2017	Organic	Bis(2-chloroisopropyl)ether	n/a	=	19.7	µg/L	EPA 625	0.38	1			
2016/17-4	Lab	LCS dup, rec	1/13/2017	Organic	Bis(2-chloroisopropyl)ether	n/a	=	79	%	EPA 625	-88	-88	36	166	
2016/17-4	Lab	LCS, RPD	1/13/2017	Organic	Bis(2-chloroisopropyl)ether	n/a	=	3	%	EPA 625	-88	-88	0	30	
2016/17-4	Lab	method blank	1/24/2017	Organic	Bis(2-chloroisopropyl)ether	n/a	<	0.38	µg/L	EPA 625	0.38	1			
2016/17-4	Lab	LCS	1/24/2017	Organic	Bis(2-chloroisopropyl)ether	n/a	=	20.8	µg/L	EPA 625	0.38	1			
2016/17-4	Lab	LCS, rec	1/24/2017	Organic	Bis(2-chloroisopropyl)ether	n/a	=	83	%	EPA 625	-88	-88	36	166	
2016/17-4	Lab	LCS dup	1/24/2017	Organic	Bis(2-chloroisopropyl)ether	n/a	=	20.8	µg/L	EPA 625	0.38	1			
2016/17-4	Lab	LCS dup, rec	1/24/2017	Organic	Bis(2-chloroisopropyl)ether	n/a	=	83	%	EPA 625	-88	-88	36	166	
2016/17-4	Lab	LCS, RPD	1/24/2017	Organic	Bis(2-chloroisopropyl)ether	n/a	=	0.4	%	EPA 625	-88	-88	0	30	
2016/17-4	Lab	method blank	1/23/2017	Organic	Bis(2-ethylhexyl)adipate	n/a	<	0.1	µg/L	EPA 525.2	0.1	5			
2016/17-4	Lab	LCS	1/23/2017	Organic	Bis(2-ethylhexyl)adipate	n/a	DNQ	4.9	µg/L	EPA 525.2	0.1	5			
2016/17-4	Lab	LCS, rec	1/23/2017	Organic	Bis(2-ethylhexyl)adipate	n/a	=	98	%	EPA 525.2	-88	-88	71	158	
2016/17-4	Lab	LCS dup	1/24/2017	Organic	Bis(2-ethylhexyl)adipate	n/a	=	5.9	µg/L	EPA 525.2	0.1	5			
2016/17-4	Lab	LCS dup, rec	1/24/2017	Organic	Bis(2-ethylhexyl)adipate	n/a	=	118	%	EPA 525.2	-88	-88	71	158	
2016/17-4	Lab	LCS, RPD	1/24/2017	Organic	Bis(2-ethylhexyl)adipate	n/a	=	19	%	EPA 525.2	-88	-88	0	30	
2016/17-4	Lab	method blank	1/25/2017	Organic	Bis(2-ethylhexyl)adipate	n/a	<	0.1	µg/L	EPA 525.2	0.1	5			
2016/17-4	Lab	LCS	1/25/2017	Organic	Bis(2-ethylhexyl)adipate	n/a	=	5.09	µg/L	EPA 525.2	0.1	5			
2016/17-4	Lab	LCS, rec	1/25/2017	Organic	Bis(2-ethylhexyl)adipate	n/a	=	102	%	EPA 525.2	-88	-88	71	158	
2016/17-4	Lab	LCS dup	1/25/2017	Organic	Bis(2-ethylhexyl)adipate	n/a	=	6.35	µg/L	EPA 525.2	0.1	5			
2016/17-4	Lab	LCS dup, rec	1/25/2017	Organic	Bis(2-ethylhexyl)adipate	n/a	=	127	%	EPA 525.2	-88	-88	71	158	
2016/17-4	Lab	LCS, RPD	1/25/2017	Organic	Bis(2-ethylhexyl)adipate	n/a	=	22	%	EPA 525.2	-88	-88	0	30	
2016/17-4	Lab	method blank	1/13/2017	Organic	Bis(2-ethylhexyl)phthalate	n/a	<	2.3	µg/L	EPA 625	2.3	5			
2016/17-4	Lab	LCS	1/13/2017	Organic	Bis(2-ethylhexyl)phthalate	n/a	=	23.2	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	
2016/17-4	Lab	LCS, rec	1/13/2017	Organic	Bis(2-ethylhexyl)phthalate	n/a	=	93	%	EPA 625	-88	-88	8	158	
2016/17-4	Lab	LCS dup	1/13/2017	Organic	Bis(2-ethylhexyl)phthalate	n/a	=	22.7	µg/L	EPA 625	2.3	5			
2016/17-4	Lab	LCS dup, rec	1/13/2017	Organic	Bis(2-ethylhexyl)phthalate	n/a	=	91	%	EPA 625	-88	-88	8	158	
2016/17-4	Lab	LCS, RPD	1/13/2017	Organic	Bis(2-ethylhexyl)phthalate	n/a	=	2	%	EPA 625	-88	-88	0	30	
2016/17-4	Lab	method blank	1/23/2017	Organic	Bis(2-ethylhexyl)phthalate	n/a	<	0.6	µg/L	EPA 525.2	0.6	3			
2016/17-4	Lab	LCS	1/23/2017	Organic	Bis(2-ethylhexyl)phthalate	n/a	=	5.1	µg/L	EPA 525.2	0.6	3			
2016/17-4	Lab	LCS, rec	1/23/2017	Organic	Bis(2-ethylhexyl)phthalate	n/a	=	102	%	EPA 525.2	-88	-88	68	154	
2016/17-4	Lab	LCS dup	1/24/2017	Organic	Bis(2-ethylhexyl)phthalate	n/a	=	6.15	µg/L	EPA 525.2	0.6	3			
2016/17-4	Lab	LCS dup, rec	1/24/2017	Organic	Bis(2-ethylhexyl)phthalate	n/a	=	123	%	EPA 525.2	-88	-88	68	154	
2016/17-4	Lab	LCS, RPD	1/24/2017	Organic	Bis(2-ethylhexyl)phthalate	n/a	=	19	%	EPA 525.2	-88	-88	0	30	
2016/17-4	Lab	method blank	1/24/2017	Organic	Bis(2-ethylhexyl)phthalate	n/a	<	2.3	µg/L	EPA 625	2.3	5			
2016/17-4	Lab	LCS	1/24/2017	Organic	Bis(2-ethylhexyl)phthalate	n/a	=	29.7	µg/L	EPA 625	2.3	5			
2016/17-4	Lab	LCS, rec	1/24/2017	Organic	Bis(2-ethylhexyl)phthalate	n/a	=	119	%	EPA 625	-88	-88	8	158	
2016/17-4	Lab	LCS dup	1/24/2017	Organic	Bis(2-ethylhexyl)phthalate	n/a	=	27.1	µg/L	EPA 625	2.3	5			
2016/17-4	Lab	LCS dup, rec	1/24/2017	Organic	Bis(2-ethylhexyl)phthalate	n/a	=	108	%	EPA 625	-88	-88	8	158	
2016/17-4	Lab	LCS, RPD	1/24/2017	Organic	Bis(2-ethylhexyl)phthalate	n/a	=	9	%	EPA 625	-88	-88	0	30	
2016/17-4	Lab	method blank	1/25/2017	Organic	Bis(2-ethylhexyl)phthalate	n/a	<	0.6	µg/L	EPA 525.2	0.6	3			
2016/17-4	Lab	LCS	1/25/2017	Organic	Bis(2-ethylhexyl)phthalate	n/a	=	5.58	µg/L	EPA 525.2	0.6	3			
2016/17-4	Lab	LCS, rec	1/25/2017	Organic	Bis(2-ethylhexyl)phthalate	n/a	=	112	%	EPA 525.2	-88	-88	68	154	
2016/17-4	Lab	LCS dup	1/25/2017	Organic	Bis(2-ethylhexyl)phthalate	n/a	=	6.76	µg/L	EPA 525.2	0.6	3			
2016/17-4	Lab	LCS dup, rec	1/25/2017	Organic	Bis(2-ethylhexyl)phthalate	n/a	=	135	%	EPA 525.2	-88	-88	68	154	
2016/17-4	Lab	LCS, RPD	1/25/2017	Organic	Bis(2-ethylhexyl)phthalate	n/a	=	19	%	EPA 525.2	-88	-88	0	30	
2016/17-4	Lab	method blank	1/13/2017	Organic	Butyl benzyl phthalate	n/a	<	0.18	µg/L	EPA 625	0.18	1			
2016/17-4	Lab	LCS	1/13/2017	Organic	Butyl benzyl phthalate	n/a	=	20.9	µg/L	EPA 625	0.18	1			
2016/17-4	Lab	LCS, rec	1/13/2017	Organic	Butyl benzyl phthalate	n/a	=	84	%	EPA 625	-88	-88	0.1	152	
2016/17-4	Lab	LCS dup	1/13/2017	Organic	Butyl benzyl phthalate	n/a	=	20.6	µg/L	EPA 625	0.18	1			
2016/17-4	Lab	LCS dup, rec	1/13/2017	Organic	Butyl benzyl phthalate	n/a	=	82	%	EPA 625	-88	-88	0.1	152	
2016/17-4	Lab	LCS, RPD	1/13/2017	Organic	Butyl benzyl phthalate	n/a	=	2	%	EPA 625	-88	-88	0	30	
2016/17-4	Lab	method blank	1/24/2017	Organic	Butyl benzyl phthalate	n/a	<	0.18	µg/L	EPA 625	0.18	1			
2016/17-4	Lab	LCS	1/24/2017	Organic	Butyl benzyl phthalate	n/a	=	25	µg/L	EPA 625	0.18	1			
2016/17-4	Lab	LCS, rec	1/24/2017	Organic	Butyl benzyl phthalate	n/a	=	100	%	EPA 625	-88	-88	0.1	152	
2016/17-4	Lab	LCS dup	1/24/2017	Organic	Butyl benzyl phthalate	n/a	=	23.4	µg/L	EPA 625	0.18	1			
2016/17-4	Lab	LCS dup, rec	1/24/2017	Organic	Butyl benzyl phthalate	n/a	=	94	%	EPA 625	-88	-88	0.1	152	
2016/17-4	Lab	LCS, RPD	1/24/2017	Organic	Butyl benzyl phthalate	n/a	=	7	%	EPA 625	-88	-88	0	30	
2016/17-4	Lab	method blank	1/13/2017	Organic	Chrysene	n/a	<	0.19	µg/L	EPA 625	0.19	1			
2016/17-4	Lab	LCS	1/13/2017	Organic	Chrysene	n/a	=	22.8	µg/L	EPA 625	0.19	1			
2016/17-4	Lab	LCS, rec	1/13/2017	Organic	Chrysene	n/a	=	91	%	EPA 625	-88	-88	17	168	
2016/17-4	Lab	LCS dup	1/13/2017	Organic	Chrysene	n/a	=	22.6	µg/L	EPA 625	0.19	1			
2016/17-4	Lab	LCS dup, rec	1/13/2017	Organic	Chrysene	n/a	=	90	%	EPA 625	-88	-88	17	168	
2016/17-4	Lab	LCS, RPD	1/13/2017	Organic	Chrysene	n/a	=	1	%	EPA 625	-88	-88	0	30	
2016/17-4	Lab	method blank	1/18/2017	Organic	Chrysene	n/a	<	0.1	µg/L	EPA 8270C	0.1	0.1			
2016/17-4	Lab	LCS	1/18/2017	Organic	Chrysene	n/a	=	9.75	µg/L	EPA 8270C	0.1	0.1			
2016/17-4	Lab	LCS, rec	1/18/2017	Organic	Chrysene	n/a	=	98	%	EPA 8270C	-88	-88	32	126	
2016/17-4	Lab	LCS dup	1/18/2017	Organic	Chrysene	n/a	=	9.39	µg/L	EPA 8270C	0.1	0.1			
2016/17-4	Lab	LCS dup, rec	1/18/2017	Organic	Chrysene	n/a	=	94	%	EPA 8270C	-88	-88	32	126	
2016/17-4	Lab	LCS, RPD	1/18/2017	Organic	Chrysene	n/a	=	4	%	EPA 8270C	-88	-88	0	30	
2016/17-4	Lab	method blank	1/24/2017	Organic	Chrysene	n/a	<	0.19	µg/L	EPA 625	0.19	1			

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2016/17-4	Lab	LCS	1/24/2017	Organic	Chrysene	n/a	=	23.4	µg/L	EPA 625	0.19	1			
2016/17-4	Lab	LCS, rec	1/24/2017	Organic	Chrysene	n/a	=	93	%	EPA 625	-88	-88	17	168	
2016/17-4	Lab	LCS dup	1/24/2017	Organic	Chrysene	n/a	=	22.8	µg/L	EPA 625	0.19	1			
2016/17-4	Lab	LCS dup, rec	1/24/2017	Organic	Chrysene	n/a	=	91	%	EPA 625	-88	-88	17	168	
2016/17-4	Lab	LCS, RPD	1/24/2017	Organic	Chrysene	n/a	=	3	%	EPA 625	-88	-88	0	30	
2016/17-4	Lab	method blank	1/13/2017	Organic	Dibenz(a,h)anthracene	n/a	<	0.08	µg/L	EPA 625	0.08	2			
2016/17-4	Lab	LCS	1/13/2017	Organic	Dibenz(a,h)anthracene	n/a	=	17.2	µg/L	EPA 625	0.08	2			
2016/17-4	Lab	LCS, rec	1/13/2017	Organic	Dibenz(a,h)anthracene	n/a	=	69	%	EPA 625	-88	-88	0.1	227	
2016/17-4	Lab	LCS dup	1/13/2017	Organic	Dibenz(a,h)anthracene	n/a	=	16.8	µg/L	EPA 625	0.08	2			
2016/17-4	Lab	LCS dup, rec	1/13/2017	Organic	Dibenz(a,h)anthracene	n/a	=	67	%	EPA 625	-88	-88	0.1	227	
2016/17-4	Lab	LCS, RPD	1/13/2017	Organic	Dibenz(a,h)anthracene	n/a	=	2	%	EPA 625	-88	-88	0	30	
2016/17-4	Lab	method blank	1/18/2017	Organic	Dibenz(a,h)anthracene	n/a	<	0.1	µg/L	EPA 8270C	0.1	0.1			
2016/17-4	Lab	LCS	1/18/2017	Organic	Dibenz(a,h)anthracene	n/a	=	12.3	µg/L	EPA 8270C	0.1	0.1			
2016/17-4	Lab	LCS, rec	1/18/2017	Organic	Dibenz(a,h)anthracene	n/a	=	123	%	EPA 8270C	-88	-88	9	147	
2016/17-4	Lab	LCS dup	1/18/2017	Organic	Dibenz(a,h)anthracene	n/a	=	11.9	µg/L	EPA 8270C	0.1	0.1			
2016/17-4	Lab	LCS dup, rec	1/18/2017	Organic	Dibenz(a,h)anthracene	n/a	=	119	%	EPA 8270C	-88	-88	9	147	
2016/17-4	Lab	LCS, RPD	1/18/2017	Organic	Dibenz(a,h)anthracene	n/a	=	3	%	EPA 8270C	-88	-88	0	30	
2016/17-4	Lab	method blank	1/24/2017	Organic	Dibenz(a,h)anthracene	n/a	<	0.08	µg/L	EPA 625	0.08	2			
2016/17-4	Lab	LCS	1/24/2017	Organic	Dibenz(a,h)anthracene	n/a	=	24.5	µg/L	EPA 625	0.08	2			
2016/17-4	Lab	LCS, rec	1/24/2017	Organic	Dibenz(a,h)anthracene	n/a	=	98	%	EPA 625	-88	-88	0.1	227	
2016/17-4	Lab	LCS dup	1/24/2017	Organic	Dibenz(a,h)anthracene	n/a	=	24	µg/L	EPA 625	0.08	2			
2016/17-4	Lab	LCS dup, rec	1/24/2017	Organic	Dibenz(a,h)anthracene	n/a	=	96	%	EPA 625	-88	-88	0.1	227	
2016/17-4	Lab	LCS, RPD	1/24/2017	Organic	Dibenz(a,h)anthracene	n/a	=	2	%	EPA 625	-88	-88	0	30	
2016/17-4	Lab	method blank	1/13/2017	Organic	Diethyl phthalate	n/a	<	0.15	µg/L	EPA 625	0.15	1			
2016/17-4	Lab	LCS	1/13/2017	Organic	Diethyl phthalate	n/a	=	20.4	µg/L	EPA 625	0.15	1			
2016/17-4	Lab	LCS, rec	1/13/2017	Organic	Diethyl phthalate	n/a	=	82	%	EPA 625	-88	-88	0.1	114	
2016/17-4	Lab	LCS dup	1/13/2017	Organic	Diethyl phthalate	n/a	=	19.4	µg/L	EPA 625	0.15	1			
2016/17-4	Lab	LCS dup, rec	1/13/2017	Organic	Diethyl phthalate	n/a	=	77	%	EPA 625	-88	-88	0.1	114	
2016/17-4	Lab	LCS, RPD	1/13/2017	Organic	Diethyl phthalate	n/a	=	5	%	EPA 625	-88	-88	0	30	
2016/17-4	Lab	method blank	1/24/2017	Organic	Diethyl phthalate	n/a	<	0.15	µg/L	EPA 625	0.15	1			
2016/17-4	Lab	LCS	1/24/2017	Organic	Diethyl phthalate	n/a	=	21.7	µg/L	EPA 625	0.15	1			
2016/17-4	Lab	LCS, rec	1/24/2017	Organic	Diethyl phthalate	n/a	=	87	%	EPA 625	-88	-88	0.1	114	
2016/17-4	Lab	LCS dup	1/24/2017	Organic	Diethyl phthalate	n/a	=	21.6	µg/L	EPA 625	0.15	1			
2016/17-4	Lab	LCS dup, rec	1/24/2017	Organic	Diethyl phthalate	n/a	=	86	%	EPA 625	-88	-88	0.1	114	
2016/17-4	Lab	LCS, RPD	1/24/2017	Organic	Diethyl phthalate	n/a	=	0.6	%	EPA 625	-88	-88	0	30	
2016/17-4	Lab	method blank	1/13/2017	Organic	Dimethyl phthalate	n/a	<	0.18	µg/L	EPA 625	0.18	1			
2016/17-4	Lab	LCS	1/13/2017	Organic	Dimethyl phthalate	n/a	=	18.9	µg/L	EPA 625	0.18	1			
2016/17-4	Lab	LCS, rec	1/13/2017	Organic	Dimethyl phthalate	n/a	=	76	%	EPA 625	-88	-88	0.1	112	
2016/17-4	Lab	LCS dup	1/13/2017	Organic	Dimethyl phthalate	n/a	=	18.2	µg/L	EPA 625	0.18	1			
2016/17-4	Lab	LCS dup, rec	1/13/2017	Organic	Dimethyl phthalate	n/a	=	73	%	EPA 625	-88	-88	0.1	112	
2016/17-4	Lab	LCS, RPD	1/13/2017	Organic	Dimethyl phthalate	n/a	=	4	%	EPA 625	-88	-88	0	30	
2016/17-4	Lab	method blank	1/24/2017	Organic	Dimethyl phthalate	n/a	<	0.18	µg/L	EPA 625	0.18	1			
2016/17-4	Lab	LCS	1/24/2017	Organic	Dimethyl phthalate	n/a	=	22.4	µg/L	EPA 625	0.18	1			
2016/17-4	Lab	LCS, rec	1/24/2017	Organic	Dimethyl phthalate	n/a	=	90	%	EPA 625	-88	-88	0.1	112	
2016/17-4	Lab	LCS dup	1/24/2017	Organic	Dimethyl phthalate	n/a	=	22	µg/L	EPA 625	0.18	1			
2016/17-4	Lab	LCS dup, rec	1/24/2017	Organic	Dimethyl phthalate	n/a	=	88	%	EPA 625	-88	-88	0.1	112	
2016/17-4	Lab	LCS, RPD	1/24/2017	Organic	Dimethyl phthalate	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	
2016/17-4	Lab	method blank	1/13/2017	Organic	Di-n-butylphthalate	n/a	<	0.24	µg/L	EPA 625	0.24	1			
2016/17-4	Lab	LCS	1/13/2017	Organic	Di-n-butylphthalate	n/a	=	23.4	µg/L	EPA 625	0.24	1			
2016/17-4	Lab	LCS, rec	1/13/2017	Organic	Di-n-butylphthalate	n/a	=	94	%	EPA 625	-88	-88	1	118	
2016/17-4	Lab	LCS dup	1/13/2017	Organic	Di-n-butylphthalate	n/a	=	22.3	µg/L	EPA 625	0.24	1			
2016/17-4	Lab	LCS dup, rec	1/13/2017	Organic	Di-n-butylphthalate	n/a	=	89	%	EPA 625	-88	-88	1	118	
2016/17-4	Lab	LCS, RPD	1/13/2017	Organic	Di-n-butylphthalate	n/a	=	5	%	EPA 625	-88	-88	0	30	
2016/17-4	Lab	method blank	1/24/2017	Organic	Di-n-butylphthalate	n/a	<	0.24	µg/L	EPA 625	0.24	1			
2016/17-4	Lab	LCS	1/24/2017	Organic	Di-n-butylphthalate	n/a	=	23	µg/L	EPA 625	0.24	1			
2016/17-4	Lab	LCS, rec	1/24/2017	Organic	Di-n-butylphthalate	n/a	=	92	%	EPA 625	-88	-88	1	118	
2016/17-4	Lab	LCS dup	1/24/2017	Organic	Di-n-butylphthalate	n/a	=	21.8	µg/L	EPA 625	0.24	1			
2016/17-4	Lab	LCS dup, rec	1/24/2017	Organic	Di-n-butylphthalate	n/a	=	87	%	EPA 625	-88	-88	1	118	
2016/17-4	Lab	LCS, RPD	1/24/2017	Organic	Di-n-butylphthalate	n/a	=	5	%	EPA 625	-88	-88	0	30	
2016/17-4	Lab	method blank	1/13/2017	Organic	Di-n-octylphthalate	n/a	<	0.19	µg/L	EPA 625	0.19	1			
2016/17-4	Lab	LCS	1/13/2017	Organic	Di-n-octylphthalate	n/a	=	23	µg/L	EPA 625	0.19	1			
2016/17-4	Lab	LCS, rec	1/13/2017	Organic	Di-n-octylphthalate	n/a	=	92	%	EPA 625	-88	-88	4	146	
2016/17-4	Lab	LCS dup	1/13/2017	Organic	Di-n-octylphthalate	n/a	=	22.7	µg/L	EPA 625	0.19	1			
2016/17-4	Lab	LCS dup, rec	1/13/2017	Organic	Di-n-octylphthalate	n/a	=	91	%	EPA 625	-88	-88	4	146	
2016/17-4	Lab	LCS, RPD	1/13/2017	Organic	Di-n-octylphthalate	n/a	=	1	%	EPA 625	-88	-88	0	30	
2016/17-4	Lab	method blank	1/24/2017	Organic	Di-n-octylphthalate	n/a	<	0.19	µg/L	EPA 625	0.19	1			
2016/17-4	Lab	LCS	1/24/2017	Organic	Di-n-octylphthalate	n/a	=	23.2	µg/L	EPA 625	0.19	1			
2016/17-4	Lab	LCS, rec	1/24/2017	Organic	Di-n-octylphthalate	n/a	=	93	%	EPA 625	-88	-88	4	146	
2016/17-4	Lab	LCS dup	1/24/2017	Organic	Di-n-octylphthalate	n/a	=	21.8	µg/L	EPA 625	0.19	1			
2016/17-4	Lab	LCS dup, rec	1/24/2017	Organic	Di-n-octylphthalate	n/a	=	87	%	EPA 625	-88	-88	4	146	
2016/17-4	Lab	LCS, RPD	1/24/2017	Organic	Di-n-octylphthalate	n/a	=	6	%	EPA 625	-88	-88	0	30	
2016/17-4	Lab	method blank	1/13/2017	Organic	Fluoranthene	n/a	<	0.22	µg/L	EPA 625	0.22	1			
2016/17-4	Lab	LCS	1/13/2017	Organic	Fluoranthene	n/a	=	21.1	µg/L	EPA 625	0.22	1			
2016/17-4	Lab	LCS, rec	1/13/2017	Organic	Fluoranthene	n/a	=	84	%	EPA 625	-88	-88	26	137	
2016/17-4	Lab	LCS dup	1/13/2017	Organic	Fluoranthene	n/a	=	20.5	µg/L	EPA 625	0.22	1			
2016/17-4	Lab	LCS dup, rec	1/13/2017	Organic	Fluoranthene	n/a	=	82	%	EPA 625	-88	-88	26	137	
2016/17-4	Lab	LCS, RPD	1/13/2017	Organic	Fluoranthene	n/a	=	3	%	EPA 625	-88	-88	0	30	
2016/17-4	Lab	method blank	1/18/2017	Organic	Fluoranthene	n/a	<	0.1	µg/L	EPA 8270C	0.1	0.1			
2016/17-4	Lab	LCS	1/18/2017	Organic	Fluoranthene	n/a	=	6.87	µg/L	EPA 8270C	0.1	0.1			
2016/17-4	Lab	LCS, rec	1/18/2017	Organic	Fluoranthene	n/a	=	69	%	EPA 8270C	-88	-88	22	131	
2016/17-4	Lab	LCS dup	1/18/2017	Organic	Fluoranthene	n/a	=	7.31	µg/L	EPA 8270C	0.1	0.1			
2016/17-4	Lab	LCS dup, rec	1/18/2017	Organic	Fluoranthene	n/a	=	73	%	EPA 8270C	-88	-88	22	131	
2016/17-4	Lab	LCS, RPD	1/18/2017	Organic	Fluoranthene	n/a	=	6	%	EPA 8270C	-88	-88	0	30	
2016/17-4	Lab	method blank	1/24/2017	Organic	Fluoranthene	n/a	<	0.22	µg/L	EPA 625	0.22	1			
2016/17-4	Lab	LCS	1/24/2017	Organic	Fluoranthene	n/a	=	22.8	µg/L	EPA 625	0.22	1			
2016/17-4	Lab	LCS, rec	1/24/2017	Organic	Fluoranthene	n/a	=	91	%	EPA 625	-88	-88	26	137	
2016/17-4	Lab	LCS dup	1/24/2017	Organic	Fluoranthene	n/a	=	22.3	µg/L	EPA 625	0.22	1			
2016/17-4	Lab	LCS dup, rec	1/24/2017	Organic	Fluoranthene	n/a	=	89	%	EPA 625	-88	-88	26	137	
2016/17-4	Lab	LCS, RPD	1/24/2017	Organic	Fluoranthene	n/a	=	2	%	EPA 625	-88	-88	0	30	
2016/17-4	Lab	method blank	1/13/2017	Organic	Fluorene	n/a	<	0.35	µg/L	EPA 625	0.35	1			
2016/17-4	Lab	LCS	1/13/2017	Organic	Fluorene	n/a	=	19	µg/L	EPA 625	0.35	1			
2016/17-4	Lab	LCS, rec	1/13/2017	Organic	Fluorene	n/a	=	76	%	EPA 625	-88	-88	59	121	
2016/17-4	Lab	LCS dup	1/13/2017	Organic	Fluorene	n/a	=	19	µg/L	EPA 625	0.35	1			
2016/17-4	Lab	LCS dup, rec	1/13/2017	Organic	Fluorene	n/a	=	76	%	EPA 625	-88	-88	59	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	
2016/17-4	Lab	LCS, RPD	1/13/2017	Organic	Fluorene	n/a	=	0	%	EPA 625	-88	-88	0	30	
2016/17-4	Lab	method blank	1/18/2017	Organic	Fluorene	n/a	<	0.1	µg/L	EPA 8270C	0.1	0.1			
2016/17-4	Lab	LCS	1/18/2017	Organic	Fluorene	n/a	=	8.18	µg/L	EPA 8270C	0.1	0.1			
2016/17-4	Lab	LCS, rec	1/18/2017	Organic	Fluorene	n/a	=	82	%	EPA 8270C	-88	-88	19	122	
2016/17-4	Lab	LCS dup	1/18/2017	Organic	Fluorene	n/a	=	7.85	µg/L	EPA 8270C	0.1	0.1			
2016/17-4	Lab	LCS dup, rec	1/18/2017	Organic	Fluorene	n/a	=	79	%	EPA 8270C	-88	-88	19	122	
2016/17-4	Lab	LCS, RPD	1/18/2017	Organic	Fluorene	n/a	=	4	%	EPA 8270C	-88	-88	0	30	
2016/17-4	Lab	method blank	1/24/2017	Organic	Fluorene	n/a	<	0.35	µg/L	EPA 625	0.35	1			
2016/17-4	Lab	LCS	1/24/2017	Organic	Fluorene	n/a	=	20.4	µg/L	EPA 625	0.35	1			
2016/17-4	Lab	LCS, rec	1/24/2017	Organic	Fluorene	n/a	=	82	%	EPA 625	-88	-88	59	121	
2016/17-4	Lab	LCS dup	1/24/2017	Organic	Fluorene	n/a	=	20.7	µg/L	EPA 625	0.35	1			
2016/17-4	Lab	LCS dup, rec	1/24/2017	Organic	Fluorene	n/a	=	83	%	EPA 625	-88	-88	59	121	
2016/17-4	Lab	LCS, RPD	1/24/2017	Organic	Fluorene	n/a	=	1	%	EPA 625	-88	-88	0	30	
2016/17-4	Lab	method blank	1/13/2017	Organic	Hexachlorobenzene	n/a	<	0.49	µg/L	EPA 625	0.49	1			
2016/17-4	Lab	LCS	1/13/2017	Organic	Hexachlorobenzene	n/a	=	16.1	µg/L	EPA 625	0.49	1			
2016/17-4	Lab	LCS, rec	1/13/2017	Organic	Hexachlorobenzene	n/a	=	64	%	EPA 625	-88	-88	0.1	152	
2016/17-4	Lab	LCS dup	1/13/2017	Organic	Hexachlorobenzene	n/a	=	15.4	µg/L	EPA 625	0.49	1			
2016/17-4	Lab	LCS dup, rec	1/13/2017	Organic	Hexachlorobenzene	n/a	=	61	%	EPA 625	-88	-88	0.1	152	
2016/17-4	Lab	LCS, RPD	1/13/2017	Organic	Hexachlorobenzene	n/a	=	5	%	EPA 625	-88	-88	0	30	
2016/17-4	Lab	method blank	1/24/2017	Organic	Hexachlorobenzene	n/a	<	0.49	µg/L	EPA 625	0.49	1			
2016/17-4	Lab	LCS	1/24/2017	Organic	Hexachlorobenzene	n/a	=	17.7	µg/L	EPA 625	0.49	1			
2016/17-4	Lab	LCS, rec	1/24/2017	Organic	Hexachlorobenzene	n/a	=	71	%	EPA 625	-88	-88	0.1	152	
2016/17-4	Lab	LCS dup	1/24/2017	Organic	Hexachlorobenzene	n/a	=	17.4	µg/L	EPA 625	0.49	1			
2016/17-4	Lab	LCS dup, rec	1/24/2017	Organic	Hexachlorobenzene	n/a	=	69	%	EPA 625	-88	-88	0.1	152	
2016/17-4	Lab	LCS, RPD	1/24/2017	Organic	Hexachlorobenzene	n/a	=	2	%	EPA 625	-88	-88	0	30	
2016/17-4	Lab	method blank	1/13/2017	Organic	Hexachlorobutadiene	n/a	<	0.47	µg/L	EPA 625	0.47	1			
2016/17-4	Lab	LCS	1/13/2017	Organic	Hexachlorobutadiene	n/a	=	19.7	µg/L	EPA 625	0.47	1			
2016/17-4	Lab	LCS, rec	1/13/2017	Organic	Hexachlorobutadiene	n/a	=	79	%	EPA 625	-88	-88	24	116	
2016/17-4	Lab	LCS dup	1/13/2017	Organic	Hexachlorobutadiene	n/a	=	20.2	µg/L	EPA 625	0.47	1			
2016/17-4	Lab	LCS dup, rec	1/13/2017	Organic	Hexachlorobutadiene	n/a	=	81	%	EPA 625	-88	-88	24	116	
2016/17-4	Lab	LCS, RPD	1/13/2017	Organic	Hexachlorobutadiene	n/a	=	3	%	EPA 625	-88	-88	0	30	
2016/17-4	Lab	method blank	1/24/2017	Organic	Hexachlorobutadiene	n/a	<	0.47	µg/L	EPA 625	0.47	1			
2016/17-4	Lab	LCS	1/24/2017	Organic	Hexachlorobutadiene	n/a	=	18.3	µg/L	EPA 625	0.47	1			
2016/17-4	Lab	LCS, rec	1/24/2017	Organic	Hexachlorobutadiene	n/a	=	73	%	EPA 625	-88	-88	24	116	
2016/17-4	Lab	LCS dup	1/24/2017	Organic	Hexachlorobutadiene	n/a	=	18.5	µg/L	EPA 625	0.47	1			
2016/17-4	Lab	LCS dup, rec	1/24/2017	Organic	Hexachlorobutadiene	n/a	=	74	%	EPA 625	-88	-88	24	116	
2016/17-4	Lab	LCS, RPD	1/24/2017	Organic	Hexachlorobutadiene	n/a	=	2	%	EPA 625	-88	-88	0	30	
2016/17-4	Lab	method blank	1/13/2017	Organic	Hexachlorocyclopentadiene	n/a	<	1.5	µg/L	EPA 625	1.5	5			
2016/17-4	Lab	LCS	1/13/2017	Organic	Hexachlorocyclopentadiene	n/a	=	12.1	µg/L	EPA 625	1.5	5			
2016/17-4	Lab	LCS, rec	1/13/2017	Organic	Hexachlorocyclopentadiene	n/a	=	48	%	EPA 625	-88	-88	0.1	81	
2016/17-4	Lab	LCS dup	1/13/2017	Organic	Hexachlorocyclopentadiene	n/a	=	13.4	µg/L	EPA 625	1.5	5			
2016/17-4	Lab	LCS dup, rec	1/13/2017	Organic	Hexachlorocyclopentadiene	n/a	=	54	%	EPA 625	-88	-88	0.1	81	
2016/17-4	Lab	LCS, RPD	1/13/2017	Organic	Hexachlorocyclopentadiene	n/a	=	11	%	EPA 625	-88	-88	0	30	
2016/17-4	Lab	method blank	1/24/2017	Organic	Hexachlorocyclopentadiene	n/a	<	1.5	µg/L	EPA 625	1.5	5			
2016/17-4	Lab	LCS	1/24/2017	Organic	Hexachlorocyclopentadiene	n/a	=	11.9	µg/L	EPA 625	1.5	5			
2016/17-4	Lab	LCS, rec	1/24/2017	Organic	Hexachlorocyclopentadiene	n/a	=	48	%	EPA 625	-88	-88	0.1	81	
2016/17-4	Lab	LCS dup	1/24/2017	Organic	Hexachlorocyclopentadiene	n/a	=	13.6	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	
2016/17-4	Lab	LCS dup, rec	1/24/2017	Organic	Hexachlorocyclopentadiene	n/a	=	54	%	EPA 625	-88	-88	0.1	81	
2016/17-4	Lab	LCS, RPD	1/24/2017	Organic	Hexachlorocyclopentadiene	n/a	=	13	%	EPA 625	-88	-88	0	30	
2016/17-4	Lab	method blank	1/13/2017	Organic	Hexachloroethane	n/a	<	0.52	µg/L	EPA 625	0.52	1			
2016/17-4	Lab	LCS	1/13/2017	Organic	Hexachloroethane	n/a	=	18.8	µg/L	EPA 625	0.52	1			
2016/17-4	Lab	LCS, rec	1/13/2017	Organic	Hexachloroethane	n/a	=	75	%	EPA 625	-88	-88	40	113	
2016/17-4	Lab	LCS dup	1/13/2017	Organic	Hexachloroethane	n/a	=	19.6	µg/L	EPA 625	0.52	1			
2016/17-4	Lab	LCS dup, rec	1/13/2017	Organic	Hexachloroethane	n/a	=	78	%	EPA 625	-88	-88	40	113	
2016/17-4	Lab	LCS, RPD	1/13/2017	Organic	Hexachloroethane	n/a	=	4	%	EPA 625	-88	-88	0	30	
2016/17-4	Lab	method blank	1/24/2017	Organic	Hexachloroethane	n/a	<	0.52	µg/L	EPA 625	0.52	1			
2016/17-4	Lab	LCS	1/24/2017	Organic	Hexachloroethane	n/a	=	19.1	µg/L	EPA 625	0.52	1			
2016/17-4	Lab	LCS, rec	1/24/2017	Organic	Hexachloroethane	n/a	=	76	%	EPA 625	-88	-88	40	113	
2016/17-4	Lab	LCS dup	1/24/2017	Organic	Hexachloroethane	n/a	=	19.2	µg/L	EPA 625	0.52	1			
2016/17-4	Lab	LCS dup, rec	1/24/2017	Organic	Hexachloroethane	n/a	=	77	%	EPA 625	-88	-88	40	113	
2016/17-4	Lab	LCS, RPD	1/24/2017	Organic	Hexachloroethane	n/a	=	0.6	%	EPA 625	-88	-88	0	30	
2016/17-4	Lab	method blank	1/13/2017	Organic	Indeno(1,2,3-cd)pyrene	n/a	<	0.12	µg/L	EPA 625	0.12	2			
2016/17-4	Lab	LCS	1/13/2017	Organic	Indeno(1,2,3-cd)pyrene	n/a	=	17.2	µg/L	EPA 625	0.12	2			
2016/17-4	Lab	LCS, rec	1/13/2017	Organic	Indeno(1,2,3-cd)pyrene	n/a	=	69	%	EPA 625	-88	-88	0.1	171	
2016/17-4	Lab	LCS dup	1/13/2017	Organic	Indeno(1,2,3-cd)pyrene	n/a	=	16.6	µg/L	EPA 625	0.12	2			
2016/17-4	Lab	LCS dup, rec	1/13/2017	Organic	Indeno(1,2,3-cd)pyrene	n/a	=	67	%	EPA 625	-88	-88	0.1	171	
2016/17-4	Lab	LCS, RPD	1/13/2017	Organic	Indeno(1,2,3-cd)pyrene	n/a	=	4	%	EPA 625	-88	-88	0	30	
2016/17-4	Lab	method blank	1/18/2017	Organic	Indeno(1,2,3-cd)pyrene	n/a	<	0.1	µg/L	EPA 8270C	0.1	0.1			
2016/17-4	Lab	LCS	1/18/2017	Organic	Indeno(1,2,3-cd)pyrene	n/a	=	12.7	µg/L	EPA 8270C	0.1	0.1			
2016/17-4	Lab	LCS, rec	1/18/2017	Organic	Indeno(1,2,3-cd)pyrene	n/a	=	127	%	EPA 8270C	-88	-88	12	136	
2016/17-4	Lab	LCS dup	1/18/2017	Organic	Indeno(1,2,3-cd)pyrene	n/a	=	12.4	µg/L	EPA 8270C	0.1	0.1			
2016/17-4	Lab	LCS dup, rec	1/18/2017	Organic	Indeno(1,2,3-cd)pyrene	n/a	=	124	%	EPA 8270C	-88	-88	12	136	
2016/17-4	Lab	LCS, RPD	1/18/2017	Organic	Indeno(1,2,3-cd)pyrene	n/a	=	2	%	EPA 8270C	-88	-88	0	30	
2016/17-4	Lab	method blank	1/24/2017	Organic	Indeno(1,2,3-cd)pyrene	n/a	<	0.12	µg/L	EPA 625	0.12	2			
2016/17-4	Lab	LCS	1/24/2017	Organic	Indeno(1,2,3-cd)pyrene	n/a	=	24.2	µg/L	EPA 625	0.12	2			
2016/17-4	Lab	LCS, rec	1/24/2017	Organic	Indeno(1,2,3-cd)pyrene	n/a	=	97	%	EPA 625	-88	-88	0.1	171	
2016/17-4	Lab	LCS dup	1/24/2017	Organic	Indeno(1,2,3-cd)pyrene	n/a	=	22.8	µg/L	EPA 625	0.12	2			
2016/17-4	Lab	LCS dup, rec	1/24/2017	Organic	Indeno(1,2,3-cd)pyrene	n/a	=	91	%	EPA 625	-88	-88	0.1	171	
2016/17-4	Lab	LCS, RPD	1/24/2017	Organic	Indeno(1,2,3-cd)pyrene	n/a	=	6	%	EPA 625	-88	-88	0	30	
2016/17-4	Lab	method blank	1/13/2017	Organic	Isophorone	n/a	<	0.21	µg/L	EPA 625	0.21	1			
2016/17-4	Lab	LCS	1/13/2017	Organic	Isophorone	n/a	=	21.5	µg/L	EPA 625	0.21	1			
2016/17-4	Lab	LCS, rec	1/13/2017	Organic	Isophorone	n/a	=	86	%	EPA 625	-88	-88	21	196	
2016/17-4	Lab	LCS dup	1/13/2017	Organic	Isophorone	n/a	=	21.7	µg/L	EPA 625	0.21	1			
2016/17-4	Lab	LCS dup, rec	1/13/2017	Organic	Isophorone	n/a	=	87	%	EPA 625	-88	-88	21	196	
2016/17-4	Lab	LCS, RPD	1/13/2017	Organic	Isophorone	n/a	=	1	%	EPA 625	-88	-88	0	30	
2016/17-4	Lab	method blank	1/24/2017	Organic	Isophorone	n/a	<	0.21	µg/L	EPA 625	0.21	1			
2016/17-4	Lab	LCS	1/24/2017	Organic	Isophorone	n/a	=	22.9	µg/L	EPA 625	0.21	1			
2016/17-4	Lab	LCS, rec	1/24/2017	Organic	Isophorone	n/a	=	92	%	EPA 625	-88	-88	21	196	
2016/17-4	Lab	LCS dup	1/24/2017	Organic	Isophorone	n/a	=	23.4	µg/L	EPA 625	0.21	1			
2016/17-4	Lab	LCS dup, rec	1/24/2017	Organic	Isophorone	n/a	=	93	%	EPA 625	-88	-88	21	196	
2016/17-4	Lab	LCS, RPD	1/24/2017	Organic	Isophorone	n/a	=	2	%	EPA 625	-88	-88	0	30	
2016/17-4	Lab	LCS	1/9/2017	Organic	Methyl tert-butyl ether (MTBE)	n/a	=	54.6	µg/L	EPA 624	0.25	1			
2016/17-4	Lab	LCS, rec	1/9/2017	Organic	Methyl tert-butyl ether (MTBE)	n/a	=	109	%	EPA 624	-88	-88	80	128	
2016/17-4	Lab	LCS dup	1/9/2017	Organic	Methyl tert-butyl ether (MTBE)	n/a	=	54.5	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	
2016/17-4	Lab	LCS dup, rec	1/9/2017	Organic	Methyl tert-butyl ether (MTBE)	n/a	=	109	%	EPA 624	-88	-88	80	128	
2016/17-4	Lab	LCS, RPD	1/9/2017	Organic	Methyl tert-butyl ether (MTBE)	n/a	=	0.1	%	EPA 624	-88	-88	0	25	
2016/17-4	Lab	method blank	1/9/2017	Organic	Methyl tert-butyl ether (MTBE)	n/a	<	0.25	µg/L	EPA 624	0.25	1			
2016/17-4	Lab	method blank	1/13/2017	Organic	Naphthalene	n/a	<	0.49	µg/L	EPA 625	0.49	1			
2016/17-4	Lab	LCS	1/13/2017	Organic	Naphthalene	n/a	=	19.7	µg/L	EPA 625	0.49	1			
2016/17-4	Lab	LCS, rec	1/13/2017	Organic	Naphthalene	n/a	=	79	%	EPA 625	-88	-88	21	133	
2016/17-4	Lab	LCS dup	1/13/2017	Organic	Naphthalene	n/a	=	20.6	µg/L	EPA 625	0.49	1			
2016/17-4	Lab	LCS dup, rec	1/13/2017	Organic	Naphthalene	n/a	=	82	%	EPA 625	-88	-88	21	133	
2016/17-4	Lab	LCS, RPD	1/13/2017	Organic	Naphthalene	n/a	=	5	%	EPA 625	-88	-88	0	30	
2016/17-4	Lab	method blank	1/18/2017	Organic	Naphthalene	n/a	<	0.1	µg/L	EPA 8270C	0.1	0.1			
2016/17-4	Lab	LCS	1/18/2017	Organic	Naphthalene	n/a	=	8.71	µg/L	EPA 8270C	0.1	0.1			
2016/17-4	Lab	LCS, rec	1/18/2017	Organic	Naphthalene	n/a	=	87	%	EPA 8270C	-88	-88	12	136	
2016/17-4	Lab	LCS dup	1/18/2017	Organic	Naphthalene	n/a	=	8.35	µg/L	EPA 8270C	0.1	0.1			
2016/17-4	Lab	LCS dup, rec	1/18/2017	Organic	Naphthalene	n/a	=	83	%	EPA 8270C	-88	-88	12	136	
2016/17-4	Lab	LCS, RPD	1/18/2017	Organic	Naphthalene	n/a	=	4	%	EPA 8270C	-88	-88	0	30	
2016/17-4	Lab	method blank	1/24/2017	Organic	Naphthalene	n/a	<	0.49	µg/L	EPA 625	0.49	1			
2016/17-4	Lab	LCS	1/24/2017	Organic	Naphthalene	n/a	=	19.4	µg/L	EPA 625	0.49	1			
2016/17-4	Lab	LCS, rec	1/24/2017	Organic	Naphthalene	n/a	=	77	%	EPA 625	-88	-88	21	133	
2016/17-4	Lab	LCS dup	1/24/2017	Organic	Naphthalene	n/a	=	19.8	µg/L	EPA 625	0.49	1			
2016/17-4	Lab	LCS dup, rec	1/24/2017	Organic	Naphthalene	n/a	=	79	%	EPA 625	-88	-88	21	133	
2016/17-4	Lab	LCS, RPD	1/24/2017	Organic	Naphthalene	n/a	=	3	%	EPA 625	-88	-88	0	30	
2016/17-4	Lab	method blank	1/25/2017	Organic	Naphthalene	n/a	<	0.042	µg/L	EPA 525.2	0.042	-88			
2016/17-4	Lab	LCS	1/25/2017	Organic	Naphthalene	n/a	=	3.88	µg/L	EPA 525.2	0.042	-88			
2016/17-4	Lab	LCS, rec	1/25/2017	Organic	Naphthalene	n/a	=	78	%	EPA 525.2	-88	-88	75	116	
2016/17-4	Lab	LCS dup	1/25/2017	Organic	Naphthalene	n/a	=	4.18	µg/L	EPA 525.2	0.042	-88			
2016/17-4	Lab	LCS dup, rec	1/25/2017	Organic	Naphthalene	n/a	=	84	%	EPA 525.2	-88	-88	75	116	
2016/17-4	Lab	LCS, RPD	1/25/2017	Organic	Naphthalene	n/a	=	7	%	EPA 525.2	-88	-88	0	30	
2016/17-4	Lab	method blank	1/13/2017	Organic	Nitrobenzene	n/a	<	0.36	µg/L	EPA 625	0.36	1			
2016/17-4	Lab	LCS	1/13/2017	Organic	Nitrobenzene	n/a	=	19.2	µg/L	EPA 625	0.36	1			
2016/17-4	Lab	LCS, rec	1/13/2017	Organic	Nitrobenzene	n/a	=	77	%	EPA 625	-88	-88	35	180	
2016/17-4	Lab	LCS dup	1/13/2017	Organic	Nitrobenzene	n/a	=	20	µg/L	EPA 625	0.36	1			
2016/17-4	Lab	LCS dup, rec	1/13/2017	Organic	Nitrobenzene	n/a	=	80	%	EPA 625	-88	-88	35	180	
2016/17-4	Lab	LCS, RPD	1/13/2017	Organic	Nitrobenzene	n/a	=	4	%	EPA 625	-88	-88	0	30	
2016/17-4	Lab	method blank	1/24/2017	Organic	Nitrobenzene	n/a	<	0.36	µg/L	EPA 625	0.36	1			
2016/17-4	Lab	LCS	1/24/2017	Organic	Nitrobenzene	n/a	=	21.1	µg/L	EPA 625	0.36	1			
2016/17-4	Lab	LCS, rec	1/24/2017	Organic	Nitrobenzene	n/a	=	84	%	EPA 625	-88	-88	35	180	
2016/17-4	Lab	LCS dup	1/24/2017	Organic	Nitrobenzene	n/a	=	21	µg/L	EPA 625	0.36	1			
2016/17-4	Lab	LCS dup, rec	1/24/2017	Organic	Nitrobenzene	n/a	=	84	%	EPA 625	-88	-88	35	180	
2016/17-4	Lab	LCS, RPD	1/24/2017	Organic	Nitrobenzene	n/a	=	0.3	%	EPA 625	-88	-88	0	30	
2016/17-4	Lab	srgt method blank	1/13/2017	Organic	Nitrobenzene-d5	n/a	=	18.5	µg/L	EPA 625	-88	-88			
2016/17-4	Lab	srgt method blank, rec	1/13/2017	Organic	Nitrobenzene-d5	n/a	=	74	%	EPA 625	-88	-88	27	111	
2016/17-4	Lab	srgt LCS	1/13/2017	Organic	Nitrobenzene-d5	n/a	=	18	µg/L	EPA 625	-88	-88			
2016/17-4	Lab	srgt LCS, rec	1/13/2017	Organic	Nitrobenzene-d5	n/a	=	72	%	EPA 625	-88	-88	27	111	
2016/17-4	Lab	srgt LCS dup	1/13/2017	Organic	Nitrobenzene-d5	n/a	=	18.8	µg/L	EPA 625	-88	-88			
2016/17-4	Lab	srgt LCS dup, rec	1/13/2017	Organic	Nitrobenzene-d5	n/a	=	75	%	EPA 625	-88	-88	27	111	
2016/17-4	Lab	srgt method blank	1/18/2017	Organic	Nitrobenzene-d5	n/a	=	3.79	µg/L	EPA 8270C	-88	-88			
2016/17-4	Lab	srgt method blank, rec	1/18/2017	Organic	Nitrobenzene-d5	n/a	=	76	%	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	
2016/17-4	Lab	srgt LCS	1/18/2017	Organic	Nitrobenzene-d5	n/a	=	3.68	µg/L	EPA 8270C	-88	-88			
2016/17-4	Lab	srgt LCS, rec	1/18/2017	Organic	Nitrobenzene-d5	n/a	=	74	%	EPA 8270C	-88	-88	51	143	
2016/17-4	Lab	srgt LCS dup	1/18/2017	Organic	Nitrobenzene-d5	n/a	=	3.62	µg/L	EPA 8270C	-88	-88			
2016/17-4	Lab	srgt LCS dup, rec	1/18/2017	Organic	Nitrobenzene-d5	n/a	=	72	%	EPA 8270C	-88	-88	51	143	
2016/17-4	Lab	srgt method blank	1/24/2017	Organic	Nitrobenzene-d5	n/a	=	20.1	µg/L	EPA 625	-88	-88			
2016/17-4	Lab	srgt method blank, rec	1/24/2017	Organic	Nitrobenzene-d5	n/a	=	80	%	EPA 625	-88	-88	27	111	
2016/17-4	Lab	srgt LCS	1/24/2017	Organic	Nitrobenzene-d5	n/a	=	19.5	µg/L	EPA 625	-88	-88			
2016/17-4	Lab	srgt LCS, rec	1/24/2017	Organic	Nitrobenzene-d5	n/a	=	78	%	EPA 625	-88	-88	27	111	
2016/17-4	Lab	srgt LCS dup	1/24/2017	Organic	Nitrobenzene-d5	n/a	=	19.8	µg/L	EPA 625	-88	-88			
2016/17-4	Lab	srgt LCS dup, rec	1/24/2017	Organic	Nitrobenzene-d5	n/a	=	79	%	EPA 625	-88	-88	27	111	
2016/17-4	ME-SCR	srgt environ	1/13/2017	Organic	Nitrobenzene-d5	n/a	=	13.4	µg/L	EPA 625	-88	-88			
2016/17-4	ME-SCR	srgt environ, rec	1/13/2017	Organic	Nitrobenzene-d5	n/a	=	54	%	EPA 625	-88	-88	27	111	
2016/17-4	ME-SCR	srgt environ	1/18/2017	Organic	Nitrobenzene-d5	n/a	=	3.62	µg/L	EPA 8270C	-88	-88			
2016/17-4	ME-SCR	srgt environ, rec	1/18/2017	Organic	Nitrobenzene-d5	n/a	=	72	%	EPA 8270C	-88	-88	51	143	
2016/17-4	Lab	method blank	1/13/2017	Organic	N-Nitrosodimethylamine	n/a	<	0.14	µg/L	EPA 625	0.14	1			
2016/17-4	Lab	LCS	1/13/2017	Organic	N-Nitrosodimethylamine	n/a	=	18.1	µg/L	EPA 625	0.14	1			
2016/17-4	Lab	LCS, rec	1/13/2017	Organic	N-Nitrosodimethylamine	n/a	=	72	%	EPA 625	-88	-88	28	75	
2016/17-4	Lab	LCS dup	1/13/2017	Organic	N-Nitrosodimethylamine	n/a	=	18.8	µg/L	EPA 625	0.14	1			
2016/17-4	Lab	LCS dup, rec	1/13/2017	Organic	N-Nitrosodimethylamine	n/a	=	75	%	EPA 625	-88	-88	28	75	
2016/17-4	Lab	LCS, RPD	1/13/2017	Organic	N-Nitrosodimethylamine	n/a	=	4	%	EPA 625	-88	-88	0	30	
2016/17-4	Lab	method blank	1/24/2017	Organic	N-Nitrosodimethylamine	n/a	<	0.14	µg/L	EPA 625	0.14	1			
2016/17-4	Lab	LCS	1/24/2017	Organic	N-Nitrosodimethylamine	n/a	=	13.5	µg/L	EPA 625	0.14	1			
2016/17-4	Lab	LCS, rec	1/24/2017	Organic	N-Nitrosodimethylamine	n/a	=	54	%	EPA 625	-88	-88	28	75	
2016/17-4	Lab	LCS dup	1/24/2017	Organic	N-Nitrosodimethylamine	n/a	=	13.5	µg/L	EPA 625	0.14	1			
2016/17-4	Lab	LCS dup, rec	1/24/2017	Organic	N-Nitrosodimethylamine	n/a	=	54	%	EPA 625	-88	-88	28	75	
2016/17-4	Lab	LCS, RPD	1/24/2017	Organic	N-Nitrosodimethylamine	n/a	=	0.07	%	EPA 625	-88	-88	0	30	
2016/17-4	Lab	method blank	1/13/2017	Organic	N-Nitrosodi-N-propylamine	n/a	<	0.26	µg/L	EPA 625	0.26	1			
2016/17-4	Lab	LCS	1/13/2017	Organic	N-Nitrosodi-N-propylamine	n/a	=	24.2	µg/L	EPA 625	0.26	1			
2016/17-4	Lab	LCS, rec	1/13/2017	Organic	N-Nitrosodi-N-propylamine	n/a	=	97	%	EPA 625	-88	-88	0.1	230	
2016/17-4	Lab	LCS dup	1/13/2017	Organic	N-Nitrosodi-N-propylamine	n/a	=	24.1	µg/L	EPA 625	0.26	1			
2016/17-4	Lab	LCS dup, rec	1/13/2017	Organic	N-Nitrosodi-N-propylamine	n/a	=	96	%	EPA 625	-88	-88	0.1	230	
2016/17-4	Lab	LCS, RPD	1/13/2017	Organic	N-Nitrosodi-N-propylamine	n/a	=	0.5	%	EPA 625	-88	-88	0	30	
2016/17-4	Lab	method blank	1/24/2017	Organic	N-Nitrosodi-N-propylamine	n/a	<	0.26	µg/L	EPA 625	0.26	1			
2016/17-4	Lab	LCS	1/24/2017	Organic	N-Nitrosodi-N-propylamine	n/a	=	19.4	µg/L	EPA 625	0.26	1			
2016/17-4	Lab	LCS, rec	1/24/2017	Organic	N-Nitrosodi-N-propylamine	n/a	=	78	%	EPA 625	-88	-88	0.1	230	
2016/17-4	Lab	LCS dup	1/24/2017	Organic	N-Nitrosodi-N-propylamine	n/a	=	13.8	µg/L	EPA 625	0.26	1			IL
2016/17-4	Lab	LCS dup, rec	1/24/2017	Organic	N-Nitrosodi-N-propylamine	n/a	=	55	%	EPA 625	-88	-88	0.1	230	IL
2016/17-4	Lab	LCS, RPD	1/24/2017	Organic	N-Nitrosodi-N-propylamine	n/a	=	34	%	EPA 625	-88	-88	0	30	IL
2016/17-4	Lab	method blank	1/13/2017	Organic	N-Nitrosodiphenylamine	n/a	<	0.19	µg/L	EPA 625	0.19	1			
2016/17-4	Lab	LCS	1/13/2017	Organic	N-Nitrosodiphenylamine	n/a	=	17.3	µg/L	EPA 625	0.19	1			
2016/17-4	Lab	LCS, rec	1/13/2017	Organic	N-Nitrosodiphenylamine	n/a	=	69	%	EPA 625	-88	-88	42	90	
2016/17-4	Lab	LCS dup	1/13/2017	Organic	N-Nitrosodiphenylamine	n/a	=	16.5	µg/L	EPA 625	0.19	1			
2016/17-4	Lab	LCS dup, rec	1/13/2017	Organic	N-Nitrosodiphenylamine	n/a	=	66	%	EPA 625	-88	-88	42	90	
2016/17-4	Lab	LCS, RPD	1/13/2017	Organic	N-Nitrosodiphenylamine	n/a	=	5	%	EPA 625	-88	-88	0	30	
2016/17-4	Lab	method blank	1/24/2017	Organic	N-Nitrosodiphenylamine	n/a	<	0.19	µg/L	EPA 625	0.19	1			
2016/17-4	Lab	LCS	1/24/2017	Organic	N-Nitrosodiphenylamine	n/a	=	19.3	µg/L	EPA 625	0.19	1			
2016/17-4	Lab	LCS, rec	1/24/2017	Organic	N-Nitrosodiphenylamine	n/a	=	77	%	EPA 625	-88	-88	42	90	

Appendix F
Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2016/17-4	Lab	LCS dup	1/24/2017	Organic	N-Nitrosodiphenylamine	n/a	=	18.9	µg/L	EPA 625	0.19	1			
2016/17-4	Lab	LCS dup, rec	1/24/2017	Organic	N-Nitrosodiphenylamine	n/a	=	76	%	EPA 625	-88	-88	42	90	
2016/17-4	Lab	LCS, RPD	1/24/2017	Organic	N-Nitrosodiphenylamine	n/a	=	2	%	EPA 625	-88	-88	0	30	
2016/17-4	Lab	srgt method blank	1/23/2017	Organic	Perylene-d12	n/a	=	4.85	µg/L	EPA 525.2	-88	-88			
2016/17-4	Lab	srgt method blank, rec	1/23/2017	Organic	Perylene-d12	n/a	=	97	%	EPA 525.2	-88	-88	30	118	
2016/17-4	Lab	srgt LCS	1/23/2017	Organic	Perylene-d12	n/a	=	4.47	µg/L	EPA 525.2	-88	-88			
2016/17-4	Lab	srgt LCS, rec	1/23/2017	Organic	Perylene-d12	n/a	=	89	%	EPA 525.2	-88	-88	30	118	
2016/17-4	Lab	srgt LCS dup	1/24/2017	Organic	Perylene-d12	n/a	=	3.98	µg/L	EPA 525.2	-88	-88			
2016/17-4	Lab	srgt LCS dup, rec	1/24/2017	Organic	Perylene-d12	n/a	=	80	%	EPA 525.2	-88	-88	30	118	
2016/17-4	Lab	srgt method blank	1/25/2017	Organic	Perylene-d12	n/a	=	4.62	µg/L	EPA 525.2	-88	-88			
2016/17-4	Lab	srgt method blank, rec	1/25/2017	Organic	Perylene-d12	n/a	=	92	%	EPA 525.2	-88	-88	30	118	
2016/17-4	Lab	srgt LCS	1/25/2017	Organic	Perylene-d12	n/a	=	4.13	µg/L	EPA 525.2	-88	-88			
2016/17-4	Lab	srgt LCS, rec	1/25/2017	Organic	Perylene-d12	n/a	=	83	%	EPA 525.2	-88	-88	30	118	
2016/17-4	Lab	srgt LCS dup	1/25/2017	Organic	Perylene-d12	n/a	=	3.78	µg/L	EPA 525.2	-88	-88			
2016/17-4	Lab	srgt LCS dup, rec	1/25/2017	Organic	Perylene-d12	n/a	=	76	%	EPA 525.2	-88	-88	30	118	
2016/17-4	ME-SCR	srgt environ	1/24/2017	Organic	Perylene-d12	n/a	=	1.1	µg/L	EPA 525.2	-88	-88			GN
2016/17-4	ME-SCR	srgt environ, rec	1/24/2017	Organic	Perylene-d12	n/a	=	22	%	EPA 525.2	-88	-88	30	118	GN
2016/17-4	Lab	method blank	1/13/2017	Organic	Phenanthrene	n/a	<	0.32	µg/L	EPA 625	0.32	1			
2016/17-4	Lab	LCS	1/13/2017	Organic	Phenanthrene	n/a	=	21	µg/L	EPA 625	0.32	1			
2016/17-4	Lab	LCS, rec	1/13/2017	Organic	Phenanthrene	n/a	=	84	%	EPA 625	-88	-88	54	120	
2016/17-4	Lab	LCS dup	1/13/2017	Organic	Phenanthrene	n/a	=	20.7	µg/L	EPA 625	0.32	1			
2016/17-4	Lab	LCS dup, rec	1/13/2017	Organic	Phenanthrene	n/a	=	83	%	EPA 625	-88	-88	54	120	
2016/17-4	Lab	LCS, RPD	1/13/2017	Organic	Phenanthrene	n/a	=	1	%	EPA 625	-88	-88	0	30	
2016/17-4	Lab	method blank	1/18/2017	Organic	Phenanthrene	n/a	<	0.1	µg/L	EPA 8270C	0.1	0.1			
2016/17-4	Lab	LCS	1/18/2017	Organic	Phenanthrene	n/a	=	8.39	µg/L	EPA 8270C	0.1	0.1			
2016/17-4	Lab	LCS, rec	1/18/2017	Organic	Phenanthrene	n/a	=	84	%	EPA 8270C	-88	-88	21	131	
2016/17-4	Lab	LCS dup	1/18/2017	Organic	Phenanthrene	n/a	=	8.28	µg/L	EPA 8270C	0.1	0.1			
2016/17-4	Lab	LCS dup, rec	1/18/2017	Organic	Phenanthrene	n/a	=	83	%	EPA 8270C	-88	-88	21	131	
2016/17-4	Lab	LCS, RPD	1/18/2017	Organic	Phenanthrene	n/a	=	1	%	EPA 8270C	-88	-88	0	30	
2016/17-4	Lab	method blank	1/24/2017	Organic	Phenanthrene	n/a	<	0.32	µg/L	EPA 625	0.32	1			
2016/17-4	Lab	LCS	1/24/2017	Organic	Phenanthrene	n/a	=	21.2	µg/L	EPA 625	0.32	1			
2016/17-4	Lab	LCS, rec	1/24/2017	Organic	Phenanthrene	n/a	=	85	%	EPA 625	-88	-88	54	120	
2016/17-4	Lab	LCS dup	1/24/2017	Organic	Phenanthrene	n/a	=	20.8	µg/L	EPA 625	0.32	1			
2016/17-4	Lab	LCS dup, rec	1/24/2017	Organic	Phenanthrene	n/a	=	83	%	EPA 625	-88	-88	54	120	
2016/17-4	Lab	LCS, RPD	1/24/2017	Organic	Phenanthrene	n/a	=	2	%	EPA 625	-88	-88	0	30	
2016/17-4	Lab	method blank	1/13/2017	Organic	Phenol	n/a	<	0.16	µg/L	EPA 625	0.16	1			
2016/17-4	Lab	LCS	1/13/2017	Organic	Phenol	n/a	=	7.42	µg/L	EPA 625	0.16	1			
2016/17-4	Lab	LCS, rec	1/13/2017	Organic	Phenol	n/a	=	30	%	EPA 625	-88	-88	5	112	
2016/17-4	Lab	LCS dup	1/13/2017	Organic	Phenol	n/a	=	8.08	µg/L	EPA 625	0.16	1			
2016/17-4	Lab	LCS dup, rec	1/13/2017	Organic	Phenol	n/a	=	32	%	EPA 625	-88	-88	5	112	
2016/17-4	Lab	LCS, RPD	1/13/2017	Organic	Phenol	n/a	=	9	%	EPA 625	-88	-88	0	30	
2016/17-4	Lab	method blank	1/19/2017	Organic	Phenol	n/a	<	0.35	µg/L	EPA 8270C	0.35	1			
2016/17-4	Lab	LCS	1/19/2017	Organic	Phenol	n/a	=	3.02	µg/L	EPA 8270C	0.35	1			
2016/17-4	Lab	LCS, rec	1/19/2017	Organic	Phenol	n/a	=	30	%	EPA 8270C	-88	-88	6	43	
2016/17-4	Lab	LCS dup	1/19/2017	Organic	Phenol	n/a	=	3.16	µg/L	EPA 8270C	0.35	1			
2016/17-4	Lab	LCS dup, rec	1/19/2017	Organic	Phenol	n/a	=	32	%	EPA 8270C	-88	-88	6	43	
2016/17-4	Lab	LCS, RPD	1/19/2017	Organic	Phenol	n/a	=	5	%	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	
2016/17-4	Lab	method blank	1/24/2017	Organic	Phenol	n/a	<	0.16	µg/L	EPA 625	0.16	1			
2016/17-4	Lab	LCS	1/24/2017	Organic	Phenol	n/a	=	7.73	µg/L	EPA 625	0.16	1			
2016/17-4	Lab	LCS, rec	1/24/2017	Organic	Phenol	n/a	=	31	%	EPA 625	-88	-88	5	112	
2016/17-4	Lab	LCS dup	1/24/2017	Organic	Phenol	n/a	=	8.33	µg/L	EPA 625	0.16	1			
2016/17-4	Lab	LCS dup, rec	1/24/2017	Organic	Phenol	n/a	=	33	%	EPA 625	-88	-88	5	112	
2016/17-4	Lab	LCS, RPD	1/24/2017	Organic	Phenol	n/a	=	7	%	EPA 625	-88	-88	0	30	
2016/17-4	Lab	srgt method blank	1/13/2017	Organic	Phenol-d5	n/a	=	16.7	µg/L	EPA 625	-88	-88			
2016/17-4	Lab	srgt method blank, rec	1/13/2017	Organic	Phenol-d5	n/a	=	33	%	EPA 625	-88	-88	0.1	53	
2016/17-4	Lab	srgt LCS	1/13/2017	Organic	Phenol-d5	n/a	=	15.1	µg/L	EPA 625	-88	-88			
2016/17-4	Lab	srgt LCS, rec	1/13/2017	Organic	Phenol-d5	n/a	=	30	%	EPA 625	-88	-88	0.1	53	
2016/17-4	Lab	srgt LCS dup	1/13/2017	Organic	Phenol-d5	n/a	=	16.2	µg/L	EPA 625	-88	-88			
2016/17-4	Lab	srgt LCS dup, rec	1/13/2017	Organic	Phenol-d5	n/a	=	32	%	EPA 625	-88	-88	0.1	53	
2016/17-4	Lab	srgt method blank	1/19/2017	Organic	Phenol-d5	n/a	=	3.5	µg/L	EPA 8270C	-88	-88			
2016/17-4	Lab	srgt method blank, rec	1/19/2017	Organic	Phenol-d5	n/a	=	35	%	EPA 8270C	-88	-88	5	46	
2016/17-4	Lab	srgt LCS	1/19/2017	Organic	Phenol-d5	n/a	=	3.07	µg/L	EPA 8270C	-88	-88			
2016/17-4	Lab	srgt LCS, rec	1/19/2017	Organic	Phenol-d5	n/a	=	31	%	EPA 8270C	-88	-88	5	46	
2016/17-4	Lab	srgt LCS dup	1/19/2017	Organic	Phenol-d5	n/a	=	3.14	µg/L	EPA 8270C	-88	-88			
2016/17-4	Lab	srgt LCS dup, rec	1/19/2017	Organic	Phenol-d5	n/a	=	31	%	EPA 8270C	-88	-88	5	46	
2016/17-4	Lab	srgt method blank	1/24/2017	Organic	Phenol-d5	n/a	=	18.1	µg/L	EPA 625	-88	-88			
2016/17-4	Lab	srgt method blank, rec	1/24/2017	Organic	Phenol-d5	n/a	=	36	%	EPA 625	-88	-88	0.1	53	
2016/17-4	Lab	srgt LCS	1/24/2017	Organic	Phenol-d5	n/a	=	16.2	µg/L	EPA 625	-88	-88			
2016/17-4	Lab	srgt LCS, rec	1/24/2017	Organic	Phenol-d5	n/a	=	32	%	EPA 625	-88	-88	0.1	53	
2016/17-4	Lab	srgt LCS dup	1/24/2017	Organic	Phenol-d5	n/a	=	17	µg/L	EPA 625	-88	-88			
2016/17-4	Lab	srgt LCS dup, rec	1/24/2017	Organic	Phenol-d5	n/a	=	34	%	EPA 625	-88	-88	0.1	53	
2016/17-4	ME-SCR	srgt environ	1/13/2017	Organic	Phenol-d5	n/a	=	9.78	µg/L	EPA 625	-88	-88			
2016/17-4	ME-SCR	srgt environ, rec	1/13/2017	Organic	Phenol-d5	n/a	=	20	%	EPA 625	-88	-88	0.1	53	
2016/17-4	ME-SCR	srgt environ	1/19/2017	Organic	Phenol-d5	n/a	=	2.73	µg/L	EPA 8270C	-88	-88			
2016/17-4	ME-SCR	srgt environ, rec	1/19/2017	Organic	Phenol-d5	n/a	=	27	%	EPA 8270C	-88	-88	5	46	
2016/17-4	Lab	srgt method blank	1/13/2017	Organic	p-Terphenyl-d14	n/a	=	18.4	µg/L	EPA 625	-88	-88			
2016/17-4	Lab	srgt method blank, rec	1/13/2017	Organic	p-Terphenyl-d14	n/a	=	74	%	EPA 625	-88	-88	28	113	
2016/17-4	Lab	srgt LCS	1/13/2017	Organic	p-Terphenyl-d14	n/a	=	18.2	µg/L	EPA 625	-88	-88			
2016/17-4	Lab	srgt LCS, rec	1/13/2017	Organic	p-Terphenyl-d14	n/a	=	73	%	EPA 625	-88	-88	28	113	
2016/17-4	Lab	srgt LCS dup	1/13/2017	Organic	p-Terphenyl-d14	n/a	=	17.4	µg/L	EPA 625	-88	-88			
2016/17-4	Lab	srgt LCS dup, rec	1/13/2017	Organic	p-Terphenyl-d14	n/a	=	70	%	EPA 625	-88	-88	28	113	
2016/17-4	Lab	srgt method blank	1/18/2017	Organic	p-Terphenyl-d14	n/a	=	3.56	µg/L	EPA 8270C	-88	-88			
2016/17-4	Lab	srgt method blank, rec	1/18/2017	Organic	p-Terphenyl-d14	n/a	=	71	%	EPA 8270C	-88	-88	19	134	
2016/17-4	Lab	srgt LCS	1/18/2017	Organic	p-Terphenyl-d14	n/a	=	2.69	µg/L	EPA 8270C	-88	-88			
2016/17-4	Lab	srgt LCS, rec	1/18/2017	Organic	p-Terphenyl-d14	n/a	=	54	%	EPA 8270C	-88	-88	19	134	
2016/17-4	Lab	srgt LCS dup	1/18/2017	Organic	p-Terphenyl-d14	n/a	=	2.91	µg/L	EPA 8270C	-88	-88			
2016/17-4	Lab	srgt LCS dup, rec	1/18/2017	Organic	p-Terphenyl-d14	n/a	=	58	%	EPA 8270C	-88	-88	19	134	
2016/17-4	Lab	srgt method blank	1/24/2017	Organic	p-Terphenyl-d14	n/a	=	20.7	µg/L	EPA 625	-88	-88			
2016/17-4	Lab	srgt method blank, rec	1/24/2017	Organic	p-Terphenyl-d14	n/a	=	83	%	EPA 625	-88	-88	28	113	
2016/17-4	Lab	srgt LCS	1/24/2017	Organic	p-Terphenyl-d14	n/a	=	20	µg/L	EPA 625	-88	-88			
2016/17-4	Lab	srgt LCS, rec	1/24/2017	Organic	p-Terphenyl-d14	n/a	=	80	%	EPA 625	-88	-88	28	113	
2016/17-4	Lab	srgt LCS dup	1/24/2017	Organic	p-Terphenyl-d14	n/a	=	19	µg/L	EPA 625	-88	-88			
2016/17-4	Lab	srgt LCS dup, rec	1/24/2017	Organic	p-Terphenyl-d14	n/a	=	76	%	EPA 625	-88	-88	28	113	
2016/17-4	ME-SCR	srgt environ	1/13/2017	Organic	p-Terphenyl-d14	n/a	=	12.2	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	
2016/17-4	ME-SCR	srgt environ, rec	1/13/2017	Organic	p-Terphenyl-d14	n/a	=	49	%	EPA 625	-88	-88	28	113	
2016/17-4	ME-SCR	srgt environ	1/18/2017	Organic	p-Terphenyl-d14	n/a	=	3.23	µg/L	EPA 8270C	-88	-88			
2016/17-4	ME-SCR	srgt environ, rec	1/18/2017	Organic	p-Terphenyl-d14	n/a	=	65	%	EPA 8270C	-88	-88	19	134	
2016/17-4	Lab	method blank	1/13/2017	Organic	Pyrene	n/a	<	0.25	µg/L	EPA 625	0.25	1			
2016/17-4	Lab	LCS	1/13/2017	Organic	Pyrene	n/a	=	21	µg/L	EPA 625	0.25	1			
2016/17-4	Lab	LCS, rec	1/13/2017	Organic	Pyrene	n/a	=	84	%	EPA 625	-88	-88	52	115	
2016/17-4	Lab	LCS dup	1/13/2017	Organic	Pyrene	n/a	=	20.4	µg/L	EPA 625	0.25	1			
2016/17-4	Lab	LCS dup, rec	1/13/2017	Organic	Pyrene	n/a	=	82	%	EPA 625	-88	-88	52	115	
2016/17-4	Lab	LCS, RPD	1/13/2017	Organic	Pyrene	n/a	=	3	%	EPA 625	-88	-88	0	30	
2016/17-4	Lab	method blank	1/18/2017	Organic	Pyrene	n/a	<	0.1	µg/L	EPA 8270C	0.1	0.1			
2016/17-4	Lab	LCS	1/18/2017	Organic	Pyrene	n/a	=	6.87	µg/L	EPA 8270C	0.1	0.1			
2016/17-4	Lab	LCS, rec	1/18/2017	Organic	Pyrene	n/a	=	69	%	EPA 8270C	-88	-88	26	128	
2016/17-4	Lab	LCS dup	1/18/2017	Organic	Pyrene	n/a	=	7.38	µg/L	EPA 8270C	0.1	0.1			
2016/17-4	Lab	LCS dup, rec	1/18/2017	Organic	Pyrene	n/a	=	74	%	EPA 8270C	-88	-88	26	128	
2016/17-4	Lab	LCS, RPD	1/18/2017	Organic	Pyrene	n/a	=	7	%	EPA 8270C	-88	-88	0	30	
2016/17-4	Lab	method blank	1/24/2017	Organic	Pyrene	n/a	<	0.25	µg/L	EPA 625	0.25	1			
2016/17-4	Lab	LCS	1/24/2017	Organic	Pyrene	n/a	=	23.4	µg/L	EPA 625	0.25	1			
2016/17-4	Lab	LCS, rec	1/24/2017	Organic	Pyrene	n/a	=	93	%	EPA 625	-88	-88	52	115	
2016/17-4	Lab	LCS dup	1/24/2017	Organic	Pyrene	n/a	=	22.5	µg/L	EPA 625	0.25	1			
2016/17-4	Lab	LCS dup, rec	1/24/2017	Organic	Pyrene	n/a	=	90	%	EPA 625	-88	-88	52	115	
2016/17-4	Lab	LCS, RPD	1/24/2017	Organic	Pyrene	n/a	=	4	%	EPA 625	-88	-88	0	30	
2016/17-4	Lab	srgt method blank	1/19/2017	Organic	Tetrachloro-m-xylene (TCMX)	n/a	=	0.0568	µg/L	EPA 608	-88	-88			
2016/17-4	Lab	srgt method blank, rec	1/19/2017	Organic	Tetrachloro-m-xylene (TCMX)	n/a	=	57	%	EPA 608	-88	-88	12	117	
2016/17-4	Lab	srgt LCS	1/19/2017	Organic	Tetrachloro-m-xylene (TCMX)	n/a	=	0.0692	µg/L	EPA 608	-88	-88			
2016/17-4	Lab	srgt LCS, rec	1/19/2017	Organic	Tetrachloro-m-xylene (TCMX)	n/a	=	69	%	EPA 608	-88	-88	12	117	
2016/17-4	Lab	srgt LCS dup	1/19/2017	Organic	Tetrachloro-m-xylene (TCMX)	n/a	=	0.0804	µg/L	EPA 608	-88	-88			
2016/17-4	Lab	srgt LCS dup, rec	1/19/2017	Organic	Tetrachloro-m-xylene (TCMX)	n/a	=	80	%	EPA 608	-88	-88	12	117	
2016/17-4	ME-SCR	srgt environ	1/20/2017	Organic	Tetrachloro-m-xylene (TCMX)	n/a	=	0.0479	µg/L	EPA 608	-88	-88			
2016/17-4	ME-SCR	srgt environ, rec	1/20/2017	Organic	Tetrachloro-m-xylene (TCMX)	n/a	=	48	%	EPA 608	-88	-88	12	117	
2016/17-4	000NONPJ	srgt matrix spike	1/10/2017	Organic	Toluene-d8	n/a	=	49.6	µg/L	EPA 624	-88	-88			
2016/17-4	000NONPJ	srgt matrix spike, rec	1/10/2017	Organic	Toluene-d8	n/a	=	99	%	EPA 624	-88	-88	92	112	
2016/17-4	000NONPJ	srgt matrix spike dup	1/10/2017	Organic	Toluene-d8	n/a	=	49.9	µg/L	EPA 624	-88	-88			
2016/17-4	000NONPJ	srgt matrix spike dup, rec	1/10/2017	Organic	Toluene-d8	n/a	=	100	%	EPA 624	-88	-88	92	112	
2016/17-4	Lab	srgt LCS	1/9/2017	Organic	Toluene-d8	n/a	=	50.1	µg/L	EPA 624	-88	-88			
2016/17-4	Lab	srgt LCS, rec	1/9/2017	Organic	Toluene-d8	n/a	=	100	%	EPA 624	-88	-88	92	112	
2016/17-4	Lab	srgt LCS dup	1/9/2017	Organic	Toluene-d8	n/a	=	49.8	µg/L	EPA 624	-88	-88			
2016/17-4	Lab	srgt LCS dup, rec	1/9/2017	Organic	Toluene-d8	n/a	=	100	%	EPA 624	-88	-88	92	112	
2016/17-4	Lab	srgt method blank	1/9/2017	Organic	Toluene-d8	n/a	=	49.3	µg/L	EPA 624	-88	-88			
2016/17-4	Lab	srgt method blank, rec	1/9/2017	Organic	Toluene-d8	n/a	=	99	%	EPA 624	-88	-88	92	112	
2016/17-4	ME-SCR	srgt environ	1/10/2017	Organic	Toluene-d8	n/a	=	50.2	µg/L	EPA 624	-88	-88			
2016/17-4	ME-SCR	srgt environ, rec	1/10/2017	Organic	Toluene-d8	n/a	=	100	%	EPA 624	-88	-88	92	112	
2016/17-4	Lab	srgt method blank	1/19/2017	Organic	Triphenylphosphate	n/a	=	0.393	µg/L	EPA 525.2m	-88	-88			
2016/17-4	Lab	srgt method blank, rec	1/19/2017	Organic	Triphenylphosphate	n/a	=	79	%	EPA 525.2m	-88	-88	40	163	
2016/17-4	Lab	srgt LCS	1/19/2017	Organic	Triphenylphosphate	n/a	=	0.396	µg/L	EPA 525.2m	-88	-88			
2016/17-4	Lab	srgt LCS, rec	1/19/2017	Organic	Triphenylphosphate	n/a	=	79	%	EPA 525.2m	-88	-88	40	163	
2016/17-4	Lab	srgt method blank	1/23/2017	Organic	Triphenylphosphate	n/a	=	5.16	µg/L	EPA 525.2	-88	-88			
2016/17-4	Lab	srgt method blank, rec	1/23/2017	Organic	Triphenylphosphate	n/a	=	103	%	EPA 525.2	-88	-88	70	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	
2016/17-4	Lab	srgt LCS	1/23/2017	Organic	Triphenylphosphate	n/a	=	5.55	µg/L	EPA 525.2	-88	-88			
2016/17-4	Lab	srgt LCS, rec	1/23/2017	Organic	Triphenylphosphate	n/a	=	111	%	EPA 525.2	-88	-88	70	149	
2016/17-4	Lab	srgt LCS dup	1/24/2017	Organic	Triphenylphosphate	n/a	=	6.88	µg/L	EPA 525.2	-88	-88			
2016/17-4	Lab	srgt LCS dup, rec	1/24/2017	Organic	Triphenylphosphate	n/a	=	138	%	EPA 525.2	-88	-88	70	149	
2016/17-4	Lab	srgt method blank	1/25/2017	Organic	Triphenylphosphate	n/a	=	5.23	µg/L	EPA 525.2	-88	-88			
2016/17-4	Lab	srgt method blank, rec	1/25/2017	Organic	Triphenylphosphate	n/a	=	105	%	EPA 525.2	-88	-88	70	149	
2016/17-4	Lab	srgt LCS	1/25/2017	Organic	Triphenylphosphate	n/a	=	5.89	µg/L	EPA 525.2	-88	-88			
2016/17-4	Lab	srgt LCS, rec	1/25/2017	Organic	Triphenylphosphate	n/a	=	118	%	EPA 525.2	-88	-88	70	149	
2016/17-4	Lab	srgt LCS dup	1/25/2017	Organic	Triphenylphosphate	n/a	=	7.6	µg/L	EPA 525.2	-88	-88			GN
2016/17-4	Lab	srgt LCS dup, rec	1/25/2017	Organic	Triphenylphosphate	n/a	=	152	%	EPA 525.2	-88	-88	70	149	GN
2016/17-4	ME-SCR	srgt matrix spike	1/19/2017	Organic	Triphenylphosphate	n/a	=	0.911	µg/L	EPA 525.2m	-88	-88			GN
2016/17-4	ME-SCR	srgt matrix spike, rec	1/19/2017	Organic	Triphenylphosphate	n/a	=	182	%	EPA 525.2m	-88	-88	40	163	GN
2016/17-4	ME-SCR	srgt matrix spike dup	1/19/2017	Organic	Triphenylphosphate	n/a	=	1.1	µg/L	EPA 525.2m	-88	-88			GN
2016/17-4	ME-SCR	srgt matrix spike dup, rec	1/19/2017	Organic	Triphenylphosphate	n/a	=	220	%	EPA 525.2m	-88	-88	40	163	GN
2016/17-4	ME-SCR	srgt environ	1/19/2017	Organic	Triphenylphosphate	n/a	=	1.28	µg/L	EPA 525.2m	-88	-88			GN
2016/17-4	ME-SCR	srgt environ, rec	1/19/2017	Organic	Triphenylphosphate	n/a	=	257	%	EPA 525.2m	-88	-88	40	163	GN
2016/17-4	ME-SCR	srgt environ	1/24/2017	Organic	Triphenylphosphate	n/a	=	4.46	µg/L	EPA 525.2	-88	-88			
2016/17-4	ME-SCR	srgt environ, rec	1/24/2017	Organic	Triphenylphosphate	n/a	=	89	%	EPA 525.2	-88	-88	70	149	
2016/17-4	Lab	srgt method blank	1/19/2017	PCB	PCB 209	n/a	=	0.0666	µg/L	EPA 608	-88	-88			
2016/17-4	Lab	srgt method blank, rec	1/19/2017	PCB	PCB 209	n/a	=	67	%	EPA 608	-88	-88	0.1	118	
2016/17-4	Lab	srgt LCS	1/19/2017	PCB	PCB 209	n/a	=	0.0683	µg/L	EPA 608	-88	-88			
2016/17-4	Lab	srgt LCS, rec	1/19/2017	PCB	PCB 209	n/a	=	68	%	EPA 608	-88	-88	0.1	118	
2016/17-4	Lab	srgt LCS dup	1/19/2017	PCB	PCB 209	n/a	=	0.0755	µg/L	EPA 608	-88	-88			
2016/17-4	Lab	srgt LCS dup, rec	1/19/2017	PCB	PCB 209	n/a	=	76	%	EPA 608	-88	-88	0.1	118	
2016/17-4	ME-SCR	srgt environ	1/20/2017	PCB	PCB 209	n/a	=	0.0393	µg/L	EPA 608	-88	-88			
2016/17-4	ME-SCR	srgt environ, rec	1/20/2017	PCB	PCB 209	n/a	=	39	%	EPA 608	-88	-88	0.1	118	
2016/17-4	Lab	method blank	1/19/2017	PCB	PCB Aroclor 1016	n/a	<	0.05	µg/L	EPA 608	0.05	0.5			
2016/17-4	Lab	method blank	1/19/2017	PCB	PCB Aroclor 1221	n/a	<	0.06	µg/L	EPA 608	0.06	0.5			
2016/17-4	Lab	method blank	1/19/2017	PCB	PCB Aroclor 1232	n/a	<	0.15	µg/L	EPA 608	0.15	0.5			
2016/17-4	Lab	method blank	1/19/2017	PCB	PCB Aroclor 1242	n/a	<	0.07	µg/L	EPA 608	0.07	0.5			
2016/17-4	Lab	method blank	1/19/2017	PCB	PCB Aroclor 1248	n/a	<	0.06	µg/L	EPA 608	0.06	0.5			
2016/17-4	Lab	method blank	1/19/2017	PCB	PCB Aroclor 1254	n/a	<	0.04	µg/L	EPA 608	0.04	0.5			
2016/17-4	Lab	method blank	1/19/2017	PCB	PCB Aroclor 1260	n/a	<	0.04	µg/L	EPA 608	0.04	0.5			
2016/17-4	000NONPJ	matrix spike	1/11/2017	Pesticide	2,4,5-T	n/a	=	4.36	µg/L	EPA 515.3	0.07	0.2			
2016/17-4	000NONPJ	matrix spike, rec	1/11/2017	Pesticide	2,4,5-T	n/a	=	109	%	EPA 515.3	-88	-88	70	130	
2016/17-4	000NONPJ	matrix spike dup	1/11/2017	Pesticide	2,4,5-T	n/a	=	3.99	µg/L	EPA 515.3	0.07	0.2			
2016/17-4	000NONPJ	matrix spike dup, rec	1/11/2017	Pesticide	2,4,5-T	n/a	=	100	%	EPA 515.3	-88	-88	70	130	
2016/17-4	000NONPJ	matrix spike, RPD	1/11/2017	Pesticide	2,4,5-T	n/a	=	9	%	EPA 515.3	-88	-88	0	30	
2016/17-4	Lab	method blank	1/11/2017	Pesticide	2,4,5-T	n/a	<	0.07	µg/L	EPA 515.3	0.07	0.2			
2016/17-4	Lab	LCS	1/11/2017	Pesticide	2,4,5-T	n/a	=	3.85	µg/L	EPA 515.3	0.07	0.2			
2016/17-4	Lab	LCS, rec	1/11/2017	Pesticide	2,4,5-T	n/a	=	96	%	EPA 515.3	-88	-88	70	130	
2016/17-4	000NONPJ	matrix spike	1/11/2017	Pesticide	2,4,5-TP	n/a	=	3.95	µg/L	EPA 515.3	0.09	0.2			
2016/17-4	000NONPJ	matrix spike, rec	1/11/2017	Pesticide	2,4,5-TP	n/a	=	99	%	EPA 515.3	-88	-88	70	130	
2016/17-4	000NONPJ	matrix spike dup	1/11/2017	Pesticide	2,4,5-TP	n/a	=	3.59	µg/L	EPA 515.3	0.09	0.2			
2016/17-4	000NONPJ	matrix spike dup, rec	1/11/2017	Pesticide	2,4,5-TP	n/a	=	90	%	EPA 515.3	-88	-88	70	130	
2016/17-4	000NONPJ	matrix spike, RPD	1/11/2017	Pesticide	2,4,5-TP	n/a	=	10	%	EPA 515.3	-88	-88	0	30	
2016/17-4	Lab	method blank	1/11/2017	Pesticide	2,4,5-TP	n/a	<	0.09	µg/L	EPA 515.3	0.09	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	
2016/17-4	Lab	LCS	1/11/2017	Pesticide	2,4,5-TP	n/a	=	3.79	µg/L	EPA 515.3	0.09	0.2			
2016/17-4	Lab	LCS, rec	1/11/2017	Pesticide	2,4,5-TP	n/a	=	95	%	EPA 515.3	-88	-88	70	130	
2016/17-4	000NONPJ	matrix spike	1/11/2017	Pesticide	2,4-D	n/a	=	11.5	µg/L	EPA 515.3	0.07	0.4			GB
2016/17-4	000NONPJ	matrix spike, rec	1/11/2017	Pesticide	2,4-D	n/a	=	143	%	EPA 515.3	-88	-88	70	130	GB
2016/17-4	000NONPJ	matrix spike dup	1/11/2017	Pesticide	2,4-D	n/a	=	11	µg/L	EPA 515.3	0.07	0.4			GB
2016/17-4	000NONPJ	matrix spike dup, rec	1/11/2017	Pesticide	2,4-D	n/a	=	137	%	EPA 515.3	-88	-88	70	130	GB
2016/17-4	000NONPJ	matrix spike, RPD	1/11/2017	Pesticide	2,4-D	n/a	=	4	%	EPA 515.3	-88	-88	0	30	GB
2016/17-4	Lab	method blank	1/11/2017	Pesticide	2,4-D	n/a	<	0.07	µg/L	EPA 515.3	0.07	0.4			
2016/17-4	Lab	LCS	1/11/2017	Pesticide	2,4-D	n/a	=	8.54	µg/L	EPA 515.3	0.07	0.4			
2016/17-4	Lab	LCS, rec	1/11/2017	Pesticide	2,4-D	n/a	=	107	%	EPA 515.3	-88	-88	70	130	
2016/17-4	000NONPJ	matrix spike	1/11/2017	Pesticide	2,4-DB	n/a	=	16.2	µg/L	EPA 515.3	0.07	2			
2016/17-4	000NONPJ	matrix spike, rec	1/11/2017	Pesticide	2,4-DB	n/a	=	101	%	EPA 515.3	-88	-88	70	130	
2016/17-4	000NONPJ	matrix spike dup	1/11/2017	Pesticide	2,4-DB	n/a	=	15.9	µg/L	EPA 515.3	0.07	2			
2016/17-4	000NONPJ	matrix spike dup, rec	1/11/2017	Pesticide	2,4-DB	n/a	=	100	%	EPA 515.3	-88	-88	70	130	
2016/17-4	000NONPJ	matrix spike, RPD	1/11/2017	Pesticide	2,4-DB	n/a	=	2	%	EPA 515.3	-88	-88	0	30	
2016/17-4	Lab	method blank	1/11/2017	Pesticide	2,4-DB	n/a	<	0.07	µg/L	EPA 515.3	0.07	2			
2016/17-4	Lab	LCS	1/11/2017	Pesticide	2,4-DB	n/a	=	15.4	µg/L	EPA 515.3	0.07	2			
2016/17-4	Lab	LCS, rec	1/11/2017	Pesticide	2,4-DB	n/a	=	96	%	EPA 515.3	-88	-88	70	130	
2016/17-4	000NONPJ	matrix spike	1/11/2017	Pesticide	3,5-Dichlorobenzoic acid	n/a	=	9.99	µg/L	EPA 515.3	0.09	1			
2016/17-4	000NONPJ	matrix spike, rec	1/11/2017	Pesticide	3,5-Dichlorobenzoic acid	n/a	=	125	%	EPA 515.3	-88	-88	70	130	
2016/17-4	000NONPJ	matrix spike dup	1/11/2017	Pesticide	3,5-Dichlorobenzoic acid	n/a	=	9.92	µg/L	EPA 515.3	0.09	1			
2016/17-4	000NONPJ	matrix spike dup, rec	1/11/2017	Pesticide	3,5-Dichlorobenzoic acid	n/a	=	124	%	EPA 515.3	-88	-88	70	130	
2016/17-4	000NONPJ	matrix spike, RPD	1/11/2017	Pesticide	3,5-Dichlorobenzoic acid	n/a	=	0.7	%	EPA 515.3	-88	-88	0	30	
2016/17-4	Lab	method blank	1/11/2017	Pesticide	3,5-Dichlorobenzoic acid	n/a	<	0.09	µg/L	EPA 515.3	0.09	1			
2016/17-4	Lab	LCS	1/11/2017	Pesticide	3,5-Dichlorobenzoic acid	n/a	=	7.82	µg/L	EPA 515.3	0.09	1			
2016/17-4	Lab	LCS, rec	1/11/2017	Pesticide	3,5-Dichlorobenzoic acid	n/a	=	98	%	EPA 515.3	-88	-88	70	130	
2016/17-4	Lab	method blank	1/19/2017	Pesticide	4,4'-DDD	n/a	<	0.003	µg/L	EPA 608	0.003	0.05			
2016/17-4	Lab	LCS	1/19/2017	Pesticide	4,4'-DDD	n/a	=	0.0753	µg/L	EPA 608	0.003	0.05			
2016/17-4	Lab	LCS, rec	1/19/2017	Pesticide	4,4'-DDD	n/a	=	75	%	EPA 608	-88	-88	42	133	
2016/17-4	Lab	LCS dup	1/19/2017	Pesticide	4,4'-DDD	n/a	=	0.082	µg/L	EPA 608	0.003	0.05			
2016/17-4	Lab	LCS dup, rec	1/19/2017	Pesticide	4,4'-DDD	n/a	=	82	%	EPA 608	-88	-88	42	133	
2016/17-4	Lab	LCS, RPD	1/19/2017	Pesticide	4,4'-DDD	n/a	=	9	%	EPA 608	-88	-88	0	30	
2016/17-4	Lab	method blank	1/19/2017	Pesticide	4,4'-DDE	n/a	<	0.0025	µg/L	EPA 608	0.0025	0.05			
2016/17-4	Lab	LCS	1/19/2017	Pesticide	4,4'-DDE	n/a	=	0.0723	µg/L	EPA 608	0.0025	0.05			
2016/17-4	Lab	LCS, rec	1/19/2017	Pesticide	4,4'-DDE	n/a	=	72	%	EPA 608	-88	-88	33	126	
2016/17-4	Lab	LCS dup	1/19/2017	Pesticide	4,4'-DDE	n/a	=	0.0846	µg/L	EPA 608	0.0025	0.05			
2016/17-4	Lab	LCS dup, rec	1/19/2017	Pesticide	4,4'-DDE	n/a	=	85	%	EPA 608	-88	-88	33	126	
2016/17-4	Lab	LCS, RPD	1/19/2017	Pesticide	4,4'-DDE	n/a	=	16	%	EPA 608	-88	-88	0	30	
2016/17-4	Lab	method blank	1/19/2017	Pesticide	4,4'-DDT	n/a	<	0.0031	µg/L	EPA 608	0.0031	0.01			
2016/17-4	Lab	LCS	1/19/2017	Pesticide	4,4'-DDT	n/a	=	0.084	µg/L	EPA 608	0.0031	0.01			
2016/17-4	Lab	LCS, rec	1/19/2017	Pesticide	4,4'-DDT	n/a	=	84	%	EPA 608	-88	-88	35	147	
2016/17-4	Lab	LCS dup	1/19/2017	Pesticide	4,4'-DDT	n/a	=	0.0927	µg/L	EPA 608	0.0031	0.01			
2016/17-4	Lab	LCS dup, rec	1/19/2017	Pesticide	4,4'-DDT	n/a	=	93	%	EPA 608	-88	-88	35	147	
2016/17-4	Lab	LCS, RPD	1/19/2017	Pesticide	4,4'-DDT	n/a	=	10	%	EPA 608	-88	-88	0	30	
2016/17-4	000NONPJ	matrix spike	1/11/2017	Pesticide	Acifluorfen	n/a	=	4.61	µg/L	EPA 515.3	0.06	0.4			
2016/17-4	000NONPJ	matrix spike, rec	1/11/2017	Pesticide	Acifluorfen	n/a	=	115	%	EPA 515.3	-88	-88	70	130	
2016/17-4	000NONPJ	matrix spike dup	1/11/2017	Pesticide	Acifluorfen	n/a	=	4.22	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	
2016/17-4	000NONPJ	matrix spike dup, rec	1/11/2017	Pesticide	Acifluorfen	n/a	=	105	%	EPA 515.3	-88	-88	70	130	
2016/17-4	000NONPJ	matrix spike, RPD	1/11/2017	Pesticide	Acifluorfen	n/a	=	9	%	EPA 515.3	-88	-88	0	30	
2016/17-4	Lab	method blank	1/11/2017	Pesticide	Acifluorfen	n/a	<	0.06	µg/L	EPA 515.3	0.06	0.4			
2016/17-4	Lab	LCS	1/11/2017	Pesticide	Acifluorfen	n/a	=	4	µg/L	EPA 515.3	0.06	0.4			
2016/17-4	Lab	LCS, rec	1/11/2017	Pesticide	Acifluorfen	n/a	=	100	%	EPA 515.3	-88	-88	70	130	
2016/17-4	Lab	method blank	1/23/2017	Pesticide	Alachlor	n/a	<	0.022	µg/L	EPA 525.2	0.022	0.1			
2016/17-4	Lab	LCS	1/23/2017	Pesticide	Alachlor	n/a	=	4.03	µg/L	EPA 525.2	0.022	0.1			
2016/17-4	Lab	LCS, rec	1/23/2017	Pesticide	Alachlor	n/a	=	81	%	EPA 525.2	-88	-88	55	124	
2016/17-4	Lab	LCS dup	1/24/2017	Pesticide	Alachlor	n/a	=	4	µg/L	EPA 525.2	0.022	0.1			
2016/17-4	Lab	LCS dup, rec	1/24/2017	Pesticide	Alachlor	n/a	=	80	%	EPA 525.2	-88	-88	55	124	
2016/17-4	Lab	LCS, RPD	1/24/2017	Pesticide	Alachlor	n/a	=	0.7	%	EPA 525.2	-88	-88	0	30	
2016/17-4	Lab	method blank	1/25/2017	Pesticide	Alachlor	n/a	<	0.022	µg/L	EPA 525.2	0.022	0.1			
2016/17-4	Lab	LCS	1/25/2017	Pesticide	Alachlor	n/a	=	3.57	µg/L	EPA 525.2	0.022	0.1			
2016/17-4	Lab	LCS, rec	1/25/2017	Pesticide	Alachlor	n/a	=	71	%	EPA 525.2	-88	-88	55	124	
2016/17-4	Lab	LCS dup	1/25/2017	Pesticide	Alachlor	n/a	=	3.49	µg/L	EPA 525.2	0.022	0.1			
2016/17-4	Lab	LCS dup, rec	1/25/2017	Pesticide	Alachlor	n/a	=	70	%	EPA 525.2	-88	-88	55	124	
2016/17-4	Lab	LCS, RPD	1/25/2017	Pesticide	Alachlor	n/a	=	2	%	EPA 525.2	-88	-88	0	30	
2016/17-4	Lab	method blank	1/19/2017	Pesticide	Aldrin	n/a	<	0.0015	µg/L	EPA 608	0.0015	0.005			
2016/17-4	Lab	LCS	1/19/2017	Pesticide	Aldrin	n/a	=	0.08	µg/L	EPA 608	0.0015	0.005			
2016/17-4	Lab	LCS, rec	1/19/2017	Pesticide	Aldrin	n/a	=	80	%	EPA 608	-88	-88	18	117	
2016/17-4	Lab	LCS dup	1/19/2017	Pesticide	Aldrin	n/a	=	0.0968	µg/L	EPA 608	0.0015	0.005			
2016/17-4	Lab	LCS dup, rec	1/19/2017	Pesticide	Aldrin	n/a	=	97	%	EPA 608	-88	-88	18	117	
2016/17-4	Lab	LCS, RPD	1/19/2017	Pesticide	Aldrin	n/a	=	19	%	EPA 608	-88	-88	0	30	
2016/17-4	Lab	method blank	1/23/2017	Pesticide	Aldrin	n/a	<	0.05	µg/L	EPA 525.2	0.05	-88			
2016/17-4	Lab	method blank	1/19/2017	Pesticide	alpha-BHC	n/a	<	0.0018	µg/L	EPA 608	0.0018	0.01			
2016/17-4	Lab	LCS	1/19/2017	Pesticide	alpha-BHC	n/a	=	0.0727	µg/L	EPA 608	0.0018	0.01			
2016/17-4	Lab	LCS, rec	1/19/2017	Pesticide	alpha-BHC	n/a	=	73	%	EPA 608	-88	-88	47	119	
2016/17-4	Lab	LCS dup	1/19/2017	Pesticide	alpha-BHC	n/a	=	0.0793	µg/L	EPA 608	0.0018	0.01			
2016/17-4	Lab	LCS dup, rec	1/19/2017	Pesticide	alpha-BHC	n/a	=	79	%	EPA 608	-88	-88	47	119	
2016/17-4	Lab	LCS, RPD	1/19/2017	Pesticide	alpha-BHC	n/a	=	9	%	EPA 608	-88	-88	0	30	
2016/17-4	Lab	method blank	1/19/2017	Pesticide	alpha-Chlordane	n/a	<	0.0041	µg/L	EPA 608	0.0041	0.01			
2016/17-4	Lab	method blank	1/23/2017	Pesticide	Atrazine	n/a	<	0.034	µg/L	EPA 525.2	0.034	0.1			
2016/17-4	Lab	LCS	1/23/2017	Pesticide	Atrazine	n/a	=	5.55	µg/L	EPA 525.2	0.034	0.1			
2016/17-4	Lab	LCS, rec	1/23/2017	Pesticide	Atrazine	n/a	=	111	%	EPA 525.2	-88	-88	67	131	
2016/17-4	Lab	LCS dup	1/24/2017	Pesticide	Atrazine	n/a	=	6.21	µg/L	EPA 525.2	0.034	0.1			
2016/17-4	Lab	LCS dup, rec	1/24/2017	Pesticide	Atrazine	n/a	=	124	%	EPA 525.2	-88	-88	67	131	
2016/17-4	Lab	LCS, RPD	1/24/2017	Pesticide	Atrazine	n/a	=	11	%	EPA 525.2	-88	-88	0	30	
2016/17-4	Lab	method blank	1/25/2017	Pesticide	Atrazine	n/a	<	0.034	µg/L	EPA 525.2	0.034	0.1			
2016/17-4	Lab	LCS	1/25/2017	Pesticide	Atrazine	n/a	=	5.49	µg/L	EPA 525.2	0.034	0.1			
2016/17-4	Lab	LCS, rec	1/25/2017	Pesticide	Atrazine	n/a	=	110	%	EPA 525.2	-88	-88	67	131	
2016/17-4	Lab	LCS dup	1/25/2017	Pesticide	Atrazine	n/a	=	6.49	µg/L	EPA 525.2	0.034	0.1			
2016/17-4	Lab	LCS dup, rec	1/25/2017	Pesticide	Atrazine	n/a	=	130	%	EPA 525.2	-88	-88	67	131	
2016/17-4	Lab	LCS, RPD	1/25/2017	Pesticide	Atrazine	n/a	=	17	%	EPA 525.2	-88	-88	0	30	
2016/17-4	Lab	method blank	1/19/2017	Pesticide	Azinphos methyl	n/a	<	0.0055	µg/L	EPA 525.2m	0.0055	0.01			
2016/17-4	Lab	LCS	1/19/2017	Pesticide	Azinphos methyl	n/a	=	0.034	µg/L	EPA 525.2m	0.0055	0.01			
2016/17-4	Lab	LCS, rec	1/19/2017	Pesticide	Azinphos methyl	n/a	=	68	%	EPA 525.2m	-88	-88	0.1	188	
2016/17-4	ME-SCR	matrix spike	1/19/2017	Pesticide	Azinphos methyl	n/a	=	0.132	µg/L	EPA 525.2m	0.0055	0.01			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	
2016/17-4	ME-SCR	matrix spike, rec	1/19/2017	Pesticide	Azinphos methyl	n/a	=	265	%	EPA 525.2m	-88	-88	0.1	154	GB
2016/17-4	ME-SCR	matrix spike dup	1/19/2017	Pesticide	Azinphos methyl	n/a	=	0.164	µg/L	EPA 525.2m	0.0055	0.01			GB
2016/17-4	ME-SCR	matrix spike dup, rec	1/19/2017	Pesticide	Azinphos methyl	n/a	=	329	%	EPA 525.2m	-88	-88	0.1	154	GB
2016/17-4	ME-SCR	matrix spike, RPD	1/19/2017	Pesticide	Azinphos methyl	n/a	=	22	%	EPA 525.2m	-88	-88	0	30	GB
2016/17-4	000NONPJ	matrix spike	1/11/2017	Pesticide	Bentazon	n/a	=	17.4	µg/L	EPA 515.3	0.11	2			
2016/17-4	000NONPJ	matrix spike, rec	1/11/2017	Pesticide	Bentazon	n/a	=	109	%	EPA 515.3	-88	-88	70	130	
2016/17-4	000NONPJ	matrix spike dup	1/11/2017	Pesticide	Bentazon	n/a	=	16.9	µg/L	EPA 515.3	0.11	2			
2016/17-4	000NONPJ	matrix spike dup, rec	1/11/2017	Pesticide	Bentazon	n/a	=	106	%	EPA 515.3	-88	-88	70	130	
2016/17-4	000NONPJ	matrix spike, RPD	1/11/2017	Pesticide	Bentazon	n/a	=	3	%	EPA 515.3	-88	-88	0	30	
2016/17-4	Lab	method blank	1/11/2017	Pesticide	Bentazon	n/a	<	0.11	µg/L	EPA 515.3	0.11	2			
2016/17-4	Lab	LCS	1/11/2017	Pesticide	Bentazon	n/a	=	15.7	µg/L	EPA 515.3	0.11	2			
2016/17-4	Lab	LCS, rec	1/11/2017	Pesticide	Bentazon	n/a	=	98	%	EPA 515.3	-88	-88	70	130	
2016/17-4	Lab	method blank	1/19/2017	Pesticide	beta-BHC	n/a	<	0.0031	µg/L	EPA 608	0.0031	0.005			
2016/17-4	Lab	LCS	1/19/2017	Pesticide	beta-BHC	n/a	=	0.0784	µg/L	EPA 608	0.0031	0.005			
2016/17-4	Lab	LCS, rec	1/19/2017	Pesticide	beta-BHC	n/a	=	78	%	EPA 608	-88	-88	53	123	
2016/17-4	Lab	LCS dup	1/19/2017	Pesticide	beta-BHC	n/a	=	0.0869	µg/L	EPA 608	0.0031	0.005			
2016/17-4	Lab	LCS dup, rec	1/19/2017	Pesticide	beta-BHC	n/a	=	87	%	EPA 608	-88	-88	53	123	
2016/17-4	Lab	LCS, RPD	1/19/2017	Pesticide	beta-BHC	n/a	=	10	%	EPA 608	-88	-88	0	30	
2016/17-4	Lab	method blank	1/19/2017	Pesticide	Bolstar	n/a	<	0.0046	µg/L	EPA 525.2m	0.0046	0.01			
2016/17-4	Lab	LCS	1/19/2017	Pesticide	Bolstar	n/a	=	0.036	µg/L	EPA 525.2m	0.0046	0.01			
2016/17-4	Lab	LCS, rec	1/19/2017	Pesticide	Bolstar	n/a	=	72	%	EPA 525.2m	-88	-88	11	166	
2016/17-4	ME-SCR	matrix spike	1/19/2017	Pesticide	Bolstar	n/a	=	0.0731	µg/L	EPA 525.2m	0.0046	0.01			
2016/17-4	ME-SCR	matrix spike, rec	1/19/2017	Pesticide	Bolstar	n/a	=	146	%	EPA 525.2m	-88	-88	4	184	
2016/17-4	ME-SCR	matrix spike dup	1/19/2017	Pesticide	Bolstar	n/a	=	0.0834	µg/L	EPA 525.2m	0.0046	0.01			
2016/17-4	ME-SCR	matrix spike dup, rec	1/19/2017	Pesticide	Bolstar	n/a	=	167	%	EPA 525.2m	-88	-88	4	184	
2016/17-4	ME-SCR	matrix spike, RPD	1/19/2017	Pesticide	Bolstar	n/a	=	13	%	EPA 525.2m	-88	-88	0	30	
2016/17-4	Lab	method blank	1/23/2017	Pesticide	Bromacil	n/a	<	0.038	µg/L	EPA 525.2	0.038	1			
2016/17-4	Lab	LCS	1/23/2017	Pesticide	Bromacil	n/a	=	3.7	µg/L	EPA 525.2	0.038	1			
2016/17-4	Lab	LCS, rec	1/23/2017	Pesticide	Bromacil	n/a	=	74	%	EPA 525.2	-88	-88	62	139	
2016/17-4	Lab	LCS dup	1/24/2017	Pesticide	Bromacil	n/a	=	3.71	µg/L	EPA 525.2	0.038	1			
2016/17-4	Lab	LCS dup, rec	1/24/2017	Pesticide	Bromacil	n/a	=	74	%	EPA 525.2	-88	-88	62	139	
2016/17-4	Lab	LCS, RPD	1/24/2017	Pesticide	Bromacil	n/a	=	0.3	%	EPA 525.2	-88	-88	0	30	
2016/17-4	Lab	method blank	1/25/2017	Pesticide	Bromacil	n/a	<	0.038	µg/L	EPA 525.2	0.038	1			
2016/17-4	Lab	LCS	1/25/2017	Pesticide	Bromacil	n/a	=	3.71	µg/L	EPA 525.2	0.038	1			
2016/17-4	Lab	LCS, rec	1/25/2017	Pesticide	Bromacil	n/a	=	74	%	EPA 525.2	-88	-88	62	139	
2016/17-4	Lab	LCS dup	1/25/2017	Pesticide	Bromacil	n/a	=	3.52	µg/L	EPA 525.2	0.038	1			
2016/17-4	Lab	LCS dup, rec	1/25/2017	Pesticide	Bromacil	n/a	=	70	%	EPA 525.2	-88	-88	62	139	
2016/17-4	Lab	LCS, RPD	1/25/2017	Pesticide	Bromacil	n/a	=	5	%	EPA 525.2	-88	-88	0	30	
2016/17-4	Lab	method blank	1/23/2017	Pesticide	Butachlor	n/a	<	0.017	µg/L	EPA 525.2	0.017	0.2			
2016/17-4	Lab	LCS	1/23/2017	Pesticide	Butachlor	n/a	=	4.08	µg/L	EPA 525.2	0.017	0.2			
2016/17-4	Lab	LCS, rec	1/23/2017	Pesticide	Butachlor	n/a	=	82	%	EPA 525.2	-88	-88	61	127	
2016/17-4	Lab	LCS dup	1/24/2017	Pesticide	Butachlor	n/a	=	4.13	µg/L	EPA 525.2	0.017	0.2			
2016/17-4	Lab	LCS dup, rec	1/24/2017	Pesticide	Butachlor	n/a	=	83	%	EPA 525.2	-88	-88	61	127	
2016/17-4	Lab	LCS, RPD	1/24/2017	Pesticide	Butachlor	n/a	=	1	%	EPA 525.2	-88	-88	0	30	
2016/17-4	Lab	method blank	1/25/2017	Pesticide	Butachlor	n/a	<	0.017	µg/L	EPA 525.2	0.017	0.2			
2016/17-4	Lab	LCS	1/25/2017	Pesticide	Butachlor	n/a	=	3.69	µg/L	EPA 525.2	0.017	0.2			
2016/17-4	Lab	LCS, rec	1/25/2017	Pesticide	Butachlor	n/a	=	74	%	EPA 525.2	-88	-88	61	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	
2016/17-4	Lab	LCS dup	1/25/2017	Pesticide	Butachlor	n/a	=	3.8	µg/L	EPA 525.2	0.017	0.2			
2016/17-4	Lab	LCS dup, rec	1/25/2017	Pesticide	Butachlor	n/a	=	76	%	EPA 525.2	-88	-88	61	127	
2016/17-4	Lab	LCS, RPD	1/25/2017	Pesticide	Butachlor	n/a	=	3	%	EPA 525.2	-88	-88	0	30	
2016/17-4	Lab	method blank	1/23/2017	Pesticide	Captan	n/a	<	0.86	µg/L	EPA 525.2	0.86	1			
2016/17-4	Lab	LCS	1/23/2017	Pesticide	Captan	n/a	=	3.86	µg/L	EPA 525.2	0.86	1			
2016/17-4	Lab	LCS, rec	1/23/2017	Pesticide	Captan	n/a	=	77	%	EPA 525.2	-88	-88	14	159	
2016/17-4	Lab	LCS dup	1/24/2017	Pesticide	Captan	n/a	=	5.79	µg/L	EPA 525.2	0.86	1			IL
2016/17-4	Lab	LCS dup, rec	1/24/2017	Pesticide	Captan	n/a	=	116	%	EPA 525.2	-88	-88	14	159	IL
2016/17-4	Lab	LCS, RPD	1/24/2017	Pesticide	Captan	n/a	=	40	%	EPA 525.2	-88	-88	0	30	IL
2016/17-4	Lab	method blank	1/25/2017	Pesticide	Captan	n/a	<	0.86	µg/L	EPA 525.2	0.86	1			
2016/17-4	Lab	LCS	1/25/2017	Pesticide	Captan	n/a	=	4.39	µg/L	EPA 525.2	0.86	1			
2016/17-4	Lab	LCS, rec	1/25/2017	Pesticide	Captan	n/a	=	88	%	EPA 525.2	-88	-88	14	159	
2016/17-4	Lab	LCS dup	1/25/2017	Pesticide	Captan	n/a	=	5.99	µg/L	EPA 525.2	0.86	1			IL
2016/17-4	Lab	LCS dup, rec	1/25/2017	Pesticide	Captan	n/a	=	120	%	EPA 525.2	-88	-88	14	159	IL
2016/17-4	Lab	LCS, RPD	1/25/2017	Pesticide	Captan	n/a	=	31	%	EPA 525.2	-88	-88	0	30	IL
2016/17-4	Lab	method blank	1/19/2017	Pesticide	Chlordane (technical)	n/a	<	0.08	µg/L	EPA 608	0.08	0.1			
2016/17-4	Lab	method blank	1/23/2017	Pesticide	Chloropropham	n/a	<	0.01	µg/L	EPA 525.2	0.01	0.1			
2016/17-4	Lab	LCS	1/23/2017	Pesticide	Chloropropham	n/a	=	5.09	µg/L	EPA 525.2	0.01	0.1			
2016/17-4	Lab	LCS, rec	1/23/2017	Pesticide	Chloropropham	n/a	=	102	%	EPA 525.2	-88	-88	77	143	
2016/17-4	Lab	LCS dup	1/24/2017	Pesticide	Chloropropham	n/a	=	5.69	µg/L	EPA 525.2	0.01	0.1			
2016/17-4	Lab	LCS dup, rec	1/24/2017	Pesticide	Chloropropham	n/a	=	114	%	EPA 525.2	-88	-88	77	143	
2016/17-4	Lab	LCS, RPD	1/24/2017	Pesticide	Chloropropham	n/a	=	11	%	EPA 525.2	-88	-88	0	30	
2016/17-4	Lab	method blank	1/25/2017	Pesticide	Chloropropham	n/a	<	0.01	µg/L	EPA 525.2	0.01	0.1			
2016/17-4	Lab	LCS	1/25/2017	Pesticide	Chloropropham	n/a	=	5.06	µg/L	EPA 525.2	0.01	0.1			
2016/17-4	Lab	LCS, rec	1/25/2017	Pesticide	Chloropropham	n/a	=	101	%	EPA 525.2	-88	-88	77	143	
2016/17-4	Lab	LCS dup	1/25/2017	Pesticide	Chloropropham	n/a	=	5.97	µg/L	EPA 525.2	0.01	0.1			
2016/17-4	Lab	LCS dup, rec	1/25/2017	Pesticide	Chloropropham	n/a	=	119	%	EPA 525.2	-88	-88	77	143	
2016/17-4	Lab	LCS, RPD	1/25/2017	Pesticide	Chloropropham	n/a	=	17	%	EPA 525.2	-88	-88	0	30	
2016/17-4	Lab	method blank	1/19/2017	Pesticide	Chlorpyrifos	n/a	<	0.0069	µg/L	EPA 525.2m	0.0069	0.01			
2016/17-4	Lab	LCS	1/19/2017	Pesticide	Chlorpyrifos	n/a	=	0.0466	µg/L	EPA 525.2m	0.0069	0.01			
2016/17-4	Lab	LCS, rec	1/19/2017	Pesticide	Chlorpyrifos	n/a	=	93	%	EPA 525.2m	-88	-88	37	169	
2016/17-4	ME-SCR	matrix spike	1/19/2017	Pesticide	Chlorpyrifos	n/a	=	0.0425	µg/L	EPA 525.2m	0.0069	0.01			
2016/17-4	ME-SCR	matrix spike, rec	1/19/2017	Pesticide	Chlorpyrifos	n/a	=	85	%	EPA 525.2m	-88	-88	37	168	
2016/17-4	ME-SCR	matrix spike dup	1/19/2017	Pesticide	Chlorpyrifos	n/a	=	0.0421	µg/L	EPA 525.2m	0.0069	0.01			
2016/17-4	ME-SCR	matrix spike dup, rec	1/19/2017	Pesticide	Chlorpyrifos	n/a	=	84	%	EPA 525.2m	-88	-88	37	168	
2016/17-4	ME-SCR	matrix spike, RPD	1/19/2017	Pesticide	Chlorpyrifos	n/a	=	0.9	%	EPA 525.2m	-88	-88	0	30	
2016/17-4	Lab	method blank	1/19/2017	Pesticide	Coumaphos	n/a	<	0.0051	µg/L	EPA 525.2m	0.0051	0.01			
2016/17-4	Lab	LCS	1/19/2017	Pesticide	Coumaphos	n/a	=	0.0334	µg/L	EPA 525.2m	0.0051	0.01			
2016/17-4	Lab	LCS, rec	1/19/2017	Pesticide	Coumaphos	n/a	=	67	%	EPA 525.2m	-88	-88	0.1	225	
2016/17-4	ME-SCR	matrix spike	1/19/2017	Pesticide	Coumaphos	n/a	=	0.0637	µg/L	EPA 525.2m	0.0051	0.01			
2016/17-4	ME-SCR	matrix spike, rec	1/19/2017	Pesticide	Coumaphos	n/a	=	127	%	EPA 525.2m	-88	-88	0.1	203	
2016/17-4	ME-SCR	matrix spike dup	1/19/2017	Pesticide	Coumaphos	n/a	=	0.0771	µg/L	EPA 525.2m	0.0051	0.01			
2016/17-4	ME-SCR	matrix spike dup, rec	1/19/2017	Pesticide	Coumaphos	n/a	=	154	%	EPA 525.2m	-88	-88	0.1	203	
2016/17-4	ME-SCR	matrix spike, RPD	1/19/2017	Pesticide	Coumaphos	n/a	=	19	%	EPA 525.2m	-88	-88	0	30	
2016/17-4	Lab	method blank	1/23/2017	Pesticide	Cyanazine	n/a	<	0.024	µg/L	EPA 525.2	0.024	0.1			
2016/17-4	Lab	LCS	1/23/2017	Pesticide	Cyanazine	n/a	=	4.71	µg/L	EPA 525.2	0.024	0.1			
2016/17-4	Lab	LCS, rec	1/23/2017	Pesticide	Cyanazine	n/a	=	94	%	EPA 525.2	-88	-88	61	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	
2016/17-4	Lab	LCS dup	1/24/2017	Pesticide	Cyanazine	n/a	=	6.39	µg/L	EPA 525.2	0.024	0.1			
2016/17-4	Lab	LCS dup, rec	1/24/2017	Pesticide	Cyanazine	n/a	=	128	%	EPA 525.2	-88	-88	61	129	
2016/17-4	Lab	LCS, RPD	1/24/2017	Pesticide	Cyanazine	n/a	=	30	%	EPA 525.2	-88	-88	0	30	
2016/17-4	Lab	method blank	1/25/2017	Pesticide	Cyanazine	n/a	<	0.024	µg/L	EPA 525.2	0.024	0.1			
2016/17-4	Lab	LCS	1/25/2017	Pesticide	Cyanazine	n/a	=	6.03	µg/L	EPA 525.2	0.024	0.1			
2016/17-4	Lab	LCS, rec	1/25/2017	Pesticide	Cyanazine	n/a	=	121	%	EPA 525.2	-88	-88	61	129	
2016/17-4	Lab	LCS dup	1/25/2017	Pesticide	Cyanazine	n/a	=	5.98	µg/L	EPA 525.2	0.024	0.1			
2016/17-4	Lab	LCS dup, rec	1/25/2017	Pesticide	Cyanazine	n/a	=	120	%	EPA 525.2	-88	-88	61	129	
2016/17-4	Lab	LCS, RPD	1/25/2017	Pesticide	Cyanazine	n/a	=	0.8	%	EPA 525.2	-88	-88	0	30	
2016/17-4	000NONPJ	matrix spike	1/11/2017	Pesticide	Dalapon	n/a	=	7.59	µg/L	EPA 515.3	0.1	0.4			
2016/17-4	000NONPJ	matrix spike, rec	1/11/2017	Pesticide	Dalapon	n/a	=	93	%	EPA 515.3	-88	-88	70	130	
2016/17-4	000NONPJ	matrix spike dup	1/11/2017	Pesticide	Dalapon	n/a	=	7.24	µg/L	EPA 515.3	0.1	0.4			
2016/17-4	000NONPJ	matrix spike dup, rec	1/11/2017	Pesticide	Dalapon	n/a	=	89	%	EPA 515.3	-88	-88	70	130	
2016/17-4	000NONPJ	matrix spike, RPD	1/11/2017	Pesticide	Dalapon	n/a	=	5	%	EPA 515.3	-88	-88	0	30	
2016/17-4	Lab	method blank	1/11/2017	Pesticide	Dalapon	n/a	<	0.1	µg/L	EPA 515.3	0.1	0.4			
2016/17-4	Lab	LCS	1/11/2017	Pesticide	Dalapon	n/a	=	7.39	µg/L	EPA 515.3	0.1	0.4			
2016/17-4	Lab	LCS, rec	1/11/2017	Pesticide	Dalapon	n/a	=	92	%	EPA 515.3	-88	-88	70	130	
2016/17-4	000NONPJ	matrix spike	1/11/2017	Pesticide	DCPA (Dacthal)	n/a	=	4.01	µg/L	EPA 515.3	0.07	0.1			
2016/17-4	000NONPJ	matrix spike, rec	1/11/2017	Pesticide	DCPA (Dacthal)	n/a	=	100	%	EPA 515.3	-88	-88	70	130	
2016/17-4	000NONPJ	matrix spike dup	1/11/2017	Pesticide	DCPA (Dacthal)	n/a	=	3.79	µg/L	EPA 515.3	0.07	0.1			
2016/17-4	000NONPJ	matrix spike dup, rec	1/11/2017	Pesticide	DCPA (Dacthal)	n/a	=	95	%	EPA 515.3	-88	-88	70	130	
2016/17-4	000NONPJ	matrix spike, RPD	1/11/2017	Pesticide	DCPA (Dacthal)	n/a	=	6	%	EPA 515.3	-88	-88	0	30	
2016/17-4	Lab	method blank	1/11/2017	Pesticide	DCPA (Dacthal)	n/a	<	0.07	µg/L	EPA 515.3	0.07	0.1			
2016/17-4	Lab	LCS	1/11/2017	Pesticide	DCPA (Dacthal)	n/a	=	3.81	µg/L	EPA 515.3	0.07	0.1			
2016/17-4	Lab	LCS, rec	1/11/2017	Pesticide	DCPA (Dacthal)	n/a	=	95	%	EPA 515.3	-88	-88	70	130	
2016/17-4	Lab	method blank	1/19/2017	Pesticide	delta-BHC	n/a	<	0.0025	µg/L	EPA 608	0.0025	0.005			
2016/17-4	Lab	LCS	1/19/2017	Pesticide	delta-BHC	n/a	=	0.0879	µg/L	EPA 608	0.0025	0.005			
2016/17-4	Lab	LCS, rec	1/19/2017	Pesticide	delta-BHC	n/a	=	88	%	EPA 608	-88	-88	51	123	
2016/17-4	Lab	LCS dup	1/19/2017	Pesticide	delta-BHC	n/a	=	0.0943	µg/L	EPA 608	0.0025	0.005			
2016/17-4	Lab	LCS dup, rec	1/19/2017	Pesticide	delta-BHC	n/a	=	94	%	EPA 608	-88	-88	51	123	
2016/17-4	Lab	LCS, RPD	1/19/2017	Pesticide	delta-BHC	n/a	=	7	%	EPA 608	-88	-88	0	30	
2016/17-4	Lab	method blank	1/19/2017	Pesticide	Demeton-O	n/a	<	0.01	µg/L	EPA 525.2m	0.01	0.01			
2016/17-4	Lab	LCS	1/19/2017	Pesticide	Demeton-O	n/a	=	0.0221	µg/L	EPA 525.2m	0.01	0.01			
2016/17-4	Lab	LCS, rec	1/19/2017	Pesticide	Demeton-O	n/a	=	44	%	EPA 525.2m	-88	-88	0.1	211	
2016/17-4	ME-SCR	matrix spike	1/19/2017	Pesticide	Demeton-O	n/a	=	0.037	µg/L	EPA 525.2m	0.01	0.01			
2016/17-4	ME-SCR	matrix spike, rec	1/19/2017	Pesticide	Demeton-O	n/a	=	74	%	EPA 525.2m	-88	-88	0.1	208	
2016/17-4	ME-SCR	matrix spike dup	1/19/2017	Pesticide	Demeton-O	n/a	=	0.0343	µg/L	EPA 525.2m	0.01	0.01			
2016/17-4	ME-SCR	matrix spike dup, rec	1/19/2017	Pesticide	Demeton-O	n/a	=	69	%	EPA 525.2m	-88	-88	0.1	208	
2016/17-4	ME-SCR	matrix spike, RPD	1/19/2017	Pesticide	Demeton-O	n/a	=	7	%	EPA 525.2m	-88	-88	0	30	
2016/17-4	Lab	method blank	1/19/2017	Pesticide	Demeton-S	n/a	<	0.01	µg/L	EPA 525.2m	0.01	0.01			
2016/17-4	Lab	LCS	1/19/2017	Pesticide	Demeton-S	n/a	=	0.0446	µg/L	EPA 525.2m	0.01	0.01			
2016/17-4	Lab	LCS, rec	1/19/2017	Pesticide	Demeton-S	n/a	=	89	%	EPA 525.2m	-88	-88	0.1	213	
2016/17-4	ME-SCR	matrix spike	1/19/2017	Pesticide	Demeton-S	n/a	=	0.0707	µg/L	EPA 525.2m	0.01	0.01			
2016/17-4	ME-SCR	matrix spike, rec	1/19/2017	Pesticide	Demeton-S	n/a	=	141	%	EPA 525.2m	-88	-88	0.1	207	
2016/17-4	ME-SCR	matrix spike dup	1/19/2017	Pesticide	Demeton-S	n/a	=	0.0777	µg/L	EPA 525.2m	0.01	0.01			
2016/17-4	ME-SCR	matrix spike dup, rec	1/19/2017	Pesticide	Demeton-S	n/a	=	155	%	EPA 525.2m	-88	-88	0.1	207	
2016/17-4	ME-SCR	matrix spike, RPD	1/19/2017	Pesticide	Demeton-S	n/a	=	9	%	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	
2016/17-4	Lab	method blank	1/19/2017	Pesticide	Diazinon	n/a	<	0.0052	µg/L	EPA 525.2m	0.0052	0.01			
2016/17-4	Lab	LCS	1/19/2017	Pesticide	Diazinon	n/a	=	0.0356	µg/L	EPA 525.2m	0.0052	0.01			
2016/17-4	Lab	LCS, rec	1/19/2017	Pesticide	Diazinon	n/a	=	71	%	EPA 525.2m	-88	-88	43	152	
2016/17-4	Lab	method blank	1/23/2017	Pesticide	Diazinon	n/a	<	0.096	µg/L	EPA 525.2	0.096	0.1			
2016/17-4	Lab	LCS	1/23/2017	Pesticide	Diazinon	n/a	=	1.95	µg/L	EPA 525.2	0.096	0.1			
2016/17-4	Lab	LCS, rec	1/23/2017	Pesticide	Diazinon	n/a	=	39	%	EPA 525.2	-88	-88	30	120	
2016/17-4	Lab	LCS dup	1/24/2017	Pesticide	Diazinon	n/a	=	2.56	µg/L	EPA 525.2	0.096	0.1			
2016/17-4	Lab	LCS dup, rec	1/24/2017	Pesticide	Diazinon	n/a	=	51	%	EPA 525.2	-88	-88	30	120	
2016/17-4	Lab	LCS, RPD	1/24/2017	Pesticide	Diazinon	n/a	=	27	%	EPA 525.2	-88	-88	0	30	
2016/17-4	Lab	method blank	1/25/2017	Pesticide	Diazinon	n/a	<	0.096	µg/L	EPA 525.2	0.096	0.1			
2016/17-4	Lab	LCS	1/25/2017	Pesticide	Diazinon	n/a	=	1.63	µg/L	EPA 525.2	0.096	0.1			
2016/17-4	Lab	LCS, rec	1/25/2017	Pesticide	Diazinon	n/a	=	33	%	EPA 525.2	-88	-88	30	120	
2016/17-4	Lab	LCS dup	1/25/2017	Pesticide	Diazinon	n/a	=	2.24	µg/L	EPA 525.2	0.096	0.1			IL
2016/17-4	Lab	LCS dup, rec	1/25/2017	Pesticide	Diazinon	n/a	=	45	%	EPA 525.2	-88	-88	30	120	IL
2016/17-4	Lab	LCS, RPD	1/25/2017	Pesticide	Diazinon	n/a	=	32	%	EPA 525.2	-88	-88	0	30	IL
2016/17-4	ME-SCR	matrix spike	1/19/2017	Pesticide	Diazinon	n/a	=	0.045	µg/L	EPA 525.2m	0.0052	0.01			
2016/17-4	ME-SCR	matrix spike, rec	1/19/2017	Pesticide	Diazinon	n/a	=	90	%	EPA 525.2m	-88	-88	36	153	
2016/17-4	ME-SCR	matrix spike dup	1/19/2017	Pesticide	Diazinon	n/a	=	0.045	µg/L	EPA 525.2m	0.0052	0.01			
2016/17-4	ME-SCR	matrix spike dup, rec	1/19/2017	Pesticide	Diazinon	n/a	=	90	%	EPA 525.2m	-88	-88	36	153	
2016/17-4	ME-SCR	matrix spike, RPD	1/19/2017	Pesticide	Diazinon	n/a	=	0.07	%	EPA 525.2m	-88	-88	0	30	
2016/17-4	000NONPJ	matrix spike	1/11/2017	Pesticide	Dicamba	n/a	=	7.84	µg/L	EPA 515.3	0.12	0.6			
2016/17-4	000NONPJ	matrix spike, rec	1/11/2017	Pesticide	Dicamba	n/a	=	98	%	EPA 515.3	-88	-88	70	130	
2016/17-4	000NONPJ	matrix spike dup	1/11/2017	Pesticide	Dicamba	n/a	=	7.28	µg/L	EPA 515.3	0.12	0.6			
2016/17-4	000NONPJ	matrix spike dup, rec	1/11/2017	Pesticide	Dicamba	n/a	=	91	%	EPA 515.3	-88	-88	70	130	
2016/17-4	000NONPJ	matrix spike, RPD	1/11/2017	Pesticide	Dicamba	n/a	=	7	%	EPA 515.3	-88	-88	0	30	
2016/17-4	Lab	method blank	1/11/2017	Pesticide	Dicamba	n/a	<	0.12	µg/L	EPA 515.3	0.12	0.6			
2016/17-4	Lab	LCS	1/11/2017	Pesticide	Dicamba	n/a	=	7.71	µg/L	EPA 515.3	0.12	0.6			
2016/17-4	Lab	LCS, rec	1/11/2017	Pesticide	Dicamba	n/a	=	96	%	EPA 515.3	-88	-88	70	130	
2016/17-4	000NONPJ	matrix spike	1/11/2017	Pesticide	Dichlorprop	n/a	=	8.86	µg/L	EPA 515.3	0.08	0.3			
2016/17-4	000NONPJ	matrix spike, rec	1/11/2017	Pesticide	Dichlorprop	n/a	=	111	%	EPA 515.3	-88	-88	70	130	
2016/17-4	000NONPJ	matrix spike dup	1/11/2017	Pesticide	Dichlorprop	n/a	=	9.04	µg/L	EPA 515.3	0.08	0.3			
2016/17-4	000NONPJ	matrix spike dup, rec	1/11/2017	Pesticide	Dichlorprop	n/a	=	113	%	EPA 515.3	-88	-88	70	130	
2016/17-4	000NONPJ	matrix spike, RPD	1/11/2017	Pesticide	Dichlorprop	n/a	=	2	%	EPA 515.3	-88	-88	0	30	
2016/17-4	Lab	method blank	1/11/2017	Pesticide	Dichlorprop	n/a	<	0.08	µg/L	EPA 515.3	0.08	0.3			
2016/17-4	Lab	LCS	1/11/2017	Pesticide	Dichlorprop	n/a	=	8.33	µg/L	EPA 515.3	0.08	0.3			
2016/17-4	Lab	LCS, rec	1/11/2017	Pesticide	Dichlorprop	n/a	=	104	%	EPA 515.3	-88	-88	70	130	
2016/17-4	Lab	method blank	1/19/2017	Pesticide	Dichlorvos	n/a	<	0.0029	µg/L	EPA 525.2m	0.0029	0.01			
2016/17-4	Lab	LCS	1/19/2017	Pesticide	Dichlorvos	n/a	=	0.0369	µg/L	EPA 525.2m	0.0029	0.01			
2016/17-4	Lab	LCS, rec	1/19/2017	Pesticide	Dichlorvos	n/a	=	74	%	EPA 525.2m	-88	-88	46	133	
2016/17-4	ME-SCR	matrix spike	1/19/2017	Pesticide	Dichlorvos	n/a	=	0.0633	µg/L	EPA 525.2m	0.0029	0.01			
2016/17-4	ME-SCR	matrix spike, rec	1/19/2017	Pesticide	Dichlorvos	n/a	=	127	%	EPA 525.2m	-88	-88	42	137	
2016/17-4	ME-SCR	matrix spike dup	1/19/2017	Pesticide	Dichlorvos	n/a	=	0.0536	µg/L	EPA 525.2m	0.0029	0.01			
2016/17-4	ME-SCR	matrix spike dup, rec	1/19/2017	Pesticide	Dichlorvos	n/a	=	107	%	EPA 525.2m	-88	-88	42	137	
2016/17-4	ME-SCR	matrix spike, RPD	1/19/2017	Pesticide	Dichlorvos	n/a	=	17	%	EPA 525.2m	-88	-88	0	30	
2016/17-4	Lab	method blank	1/19/2017	Pesticide	Dieldrin	n/a	<	0.0021	µg/L	EPA 608	0.0021	0.01			
2016/17-4	Lab	LCS	1/19/2017	Pesticide	Dieldrin	n/a	=	0.0835	µg/L	EPA 608	0.0021	0.01			
2016/17-4	Lab	LCS, rec	1/19/2017	Pesticide	Dieldrin	n/a	=	84	%	EPA 608	-88	-88	48	123	

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2016/17-4	Lab	LCS dup	1/19/2017	Pesticide	Dieldrin	n/a	=	0.095	µg/L	EPA 608	0.0021	0.01			
2016/17-4	Lab	LCS dup, rec	1/19/2017	Pesticide	Dieldrin	n/a	=	95	%	EPA 608	-88	-88	48	123	
2016/17-4	Lab	LCS, RPD	1/19/2017	Pesticide	Dieldrin	n/a	=	13	%	EPA 608	-88	-88	0	30	
2016/17-4	Lab	method blank	1/19/2017	Pesticide	Dimethoate	n/a	<	0.0062	µg/L	EPA 525.2m	0.0062	0.01			
2016/17-4	Lab	LCS	1/19/2017	Pesticide	Dimethoate	n/a	=	0.0211	µg/L	EPA 525.2m	0.0062	0.01			
2016/17-4	Lab	LCS, rec	1/19/2017	Pesticide	Dimethoate	n/a	=	42	%	EPA 525.2m	-88	-88	10	234	
2016/17-4	Lab	method blank	1/23/2017	Pesticide	Dimethoate	n/a	<	0.024	µg/L	EPA 525.2	0.024	0.2			
2016/17-4	Lab	LCS	1/23/2017	Pesticide	Dimethoate	n/a	=	3.21	µg/L	EPA 525.2	0.024	0.2			
2016/17-4	Lab	LCS, rec	1/23/2017	Pesticide	Dimethoate	n/a	=	64	%	EPA 525.2	-88	-88	38	102	
2016/17-4	Lab	LCS dup	1/24/2017	Pesticide	Dimethoate	n/a	=	4.83	µg/L	EPA 525.2	0.024	0.2			IL
2016/17-4	Lab	LCS dup, rec	1/24/2017	Pesticide	Dimethoate	n/a	=	97	%	EPA 525.2	-88	-88	38	102	IL
2016/17-4	Lab	LCS, RPD	1/24/2017	Pesticide	Dimethoate	n/a	=	40	%	EPA 525.2	-88	-88	0	30	IL
2016/17-4	Lab	method blank	1/25/2017	Pesticide	Dimethoate	n/a	<	0.024	µg/L	EPA 525.2	0.024	0.2			
2016/17-4	Lab	LCS	1/25/2017	Pesticide	Dimethoate	n/a	=	3.31	µg/L	EPA 525.2	0.024	0.2			
2016/17-4	Lab	LCS, rec	1/25/2017	Pesticide	Dimethoate	n/a	=	66	%	EPA 525.2	-88	-88	38	102	
2016/17-4	Lab	LCS dup	1/25/2017	Pesticide	Dimethoate	n/a	=	5.24	µg/L	EPA 525.2	0.024	0.2			EUM,IL
2016/17-4	Lab	LCS dup, rec	1/25/2017	Pesticide	Dimethoate	n/a	=	105	%	EPA 525.2	-88	-88	38	102	EUM,IL
2016/17-4	Lab	LCS, RPD	1/25/2017	Pesticide	Dimethoate	n/a	=	45	%	EPA 525.2	-88	-88	0	30	EUM,IL
2016/17-4	ME-SCR	matrix spike	1/19/2017	Pesticide	Dimethoate	n/a	=	0.0556	µg/L	EPA 525.2m	0.0062	0.01			
2016/17-4	ME-SCR	matrix spike, rec	1/19/2017	Pesticide	Dimethoate	n/a	=	111	%	EPA 525.2m	-88	-88	4	222	
2016/17-4	ME-SCR	matrix spike dup	1/19/2017	Pesticide	Dimethoate	n/a	=	0.0517	µg/L	EPA 525.2m	0.0062	0.01			
2016/17-4	ME-SCR	matrix spike dup, rec	1/19/2017	Pesticide	Dimethoate	n/a	=	103	%	EPA 525.2m	-88	-88	4	222	
2016/17-4	ME-SCR	matrix spike, RPD	1/19/2017	Pesticide	Dimethoate	n/a	=	7	%	EPA 525.2m	-88	-88	0	30	
2016/17-4	000NONPJ	matrix spike	1/11/2017	Pesticide	Dinoseb	n/a	=	4.1	µg/L	EPA 515.3	0.14	0.4			
2016/17-4	000NONPJ	matrix spike, rec	1/11/2017	Pesticide	Dinoseb	n/a	=	102	%	EPA 515.3	-88	-88	70	130	
2016/17-4	000NONPJ	matrix spike dup	1/11/2017	Pesticide	Dinoseb	n/a	=	4.01	µg/L	EPA 515.3	0.14	0.4			
2016/17-4	000NONPJ	matrix spike dup, rec	1/11/2017	Pesticide	Dinoseb	n/a	=	100	%	EPA 515.3	-88	-88	70	130	
2016/17-4	000NONPJ	matrix spike, RPD	1/11/2017	Pesticide	Dinoseb	n/a	=	2	%	EPA 515.3	-88	-88	0	30	
2016/17-4	Lab	method blank	1/11/2017	Pesticide	Dinoseb	n/a	<	0.14	µg/L	EPA 515.3	0.14	0.4			
2016/17-4	Lab	LCS	1/11/2017	Pesticide	Dinoseb	n/a	=	4.03	µg/L	EPA 515.3	0.14	0.4			
2016/17-4	Lab	LCS, rec	1/11/2017	Pesticide	Dinoseb	n/a	=	101	%	EPA 515.3	-88	-88	70	130	
2016/17-4	Lab	method blank	1/23/2017	Pesticide	Diphenamid	n/a	<	0.024	µg/L	EPA 525.2	0.024	0.1			
2016/17-4	Lab	LCS	1/23/2017	Pesticide	Diphenamid	n/a	=	5.1	µg/L	EPA 525.2	0.024	0.1			
2016/17-4	Lab	LCS, rec	1/23/2017	Pesticide	Diphenamid	n/a	=	102	%	EPA 525.2	-88	-88	77	124	
2016/17-4	Lab	LCS dup	1/24/2017	Pesticide	Diphenamid	n/a	=	6.62	µg/L	EPA 525.2	0.024	0.1			EUM
2016/17-4	Lab	LCS dup, rec	1/24/2017	Pesticide	Diphenamid	n/a	=	132	%	EPA 525.2	-88	-88	77	124	EUM
2016/17-4	Lab	LCS, RPD	1/24/2017	Pesticide	Diphenamid	n/a	=	26	%	EPA 525.2	-88	-88	0	30	EUM
2016/17-4	Lab	method blank	1/25/2017	Pesticide	Diphenamid	n/a	<	0.024	µg/L	EPA 525.2	0.024	0.1			
2016/17-4	Lab	LCS	1/25/2017	Pesticide	Diphenamid	n/a	=	5.29	µg/L	EPA 525.2	0.024	0.1			
2016/17-4	Lab	LCS, rec	1/25/2017	Pesticide	Diphenamid	n/a	=	106	%	EPA 525.2	-88	-88	77	124	
2016/17-4	Lab	LCS dup	1/25/2017	Pesticide	Diphenamid	n/a	=	6.67	µg/L	EPA 525.2	0.024	0.1			EUM
2016/17-4	Lab	LCS dup, rec	1/25/2017	Pesticide	Diphenamid	n/a	=	133	%	EPA 525.2	-88	-88	77	124	EUM
2016/17-4	Lab	LCS, RPD	1/25/2017	Pesticide	Diphenamid	n/a	=	23	%	EPA 525.2	-88	-88	0	30	EUM
2016/17-4	Lab	method blank	1/19/2017	Pesticide	Disulfoton	n/a	<	0.01	µg/L	EPA 525.2m	0.01	0.01			
2016/17-4	Lab	LCS	1/19/2017	Pesticide	Disulfoton	n/a	=	0.0343	µg/L	EPA 525.2m	0.01	0.01			
2016/17-4	Lab	LCS, rec	1/19/2017	Pesticide	Disulfoton	n/a	=	69	%	EPA 525.2m	-88	-88	0.1	212	
2016/17-4	Lab	method blank	1/23/2017	Pesticide	Disulfoton	n/a	<	0.031	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	
2016/17-4	Lab	LCS	1/23/2017	Pesticide	Disulfoton	n/a	=	4	µg/L	EPA 525.2	0.031	0.1			
2016/17-4	Lab	LCS, rec	1/23/2017	Pesticide	Disulfoton	n/a	=	80	%	EPA 525.2	-88	-88	54	156	
2016/17-4	Lab	LCS dup	1/24/2017	Pesticide	Disulfoton	n/a	=	4.68	µg/L	EPA 525.2	0.031	0.1			
2016/17-4	Lab	LCS dup, rec	1/24/2017	Pesticide	Disulfoton	n/a	=	94	%	EPA 525.2	-88	-88	54	156	
2016/17-4	Lab	LCS, RPD	1/24/2017	Pesticide	Disulfoton	n/a	=	16	%	EPA 525.2	-88	-88	0	30	
2016/17-4	Lab	method blank	1/25/2017	Pesticide	Disulfoton	n/a	<	0.031	µg/L	EPA 525.2	0.031	0.1			
2016/17-4	Lab	LCS	1/25/2017	Pesticide	Disulfoton	n/a	=	3.7	µg/L	EPA 525.2	0.031	0.1			
2016/17-4	Lab	LCS, rec	1/25/2017	Pesticide	Disulfoton	n/a	=	74	%	EPA 525.2	-88	-88	54	156	
2016/17-4	Lab	LCS dup	1/25/2017	Pesticide	Disulfoton	n/a	=	4.41	µg/L	EPA 525.2	0.031	0.1			
2016/17-4	Lab	LCS dup, rec	1/25/2017	Pesticide	Disulfoton	n/a	=	88	%	EPA 525.2	-88	-88	54	156	
2016/17-4	Lab	LCS, RPD	1/25/2017	Pesticide	Disulfoton	n/a	=	18	%	EPA 525.2	-88	-88	0	30	
2016/17-4	ME-SCR	matrix spike	1/19/2017	Pesticide	Disulfoton	n/a	=	0.0544	µg/L	EPA 525.2m	0.01	0.01			
2016/17-4	ME-SCR	matrix spike, rec	1/19/2017	Pesticide	Disulfoton	n/a	=	109	%	EPA 525.2m	-88	-88	12	199	
2016/17-4	ME-SCR	matrix spike dup	1/19/2017	Pesticide	Disulfoton	n/a	=	0.056	µg/L	EPA 525.2m	0.01	0.01			
2016/17-4	ME-SCR	matrix spike dup, rec	1/19/2017	Pesticide	Disulfoton	n/a	=	112	%	EPA 525.2m	-88	-88	12	199	
2016/17-4	ME-SCR	matrix spike, RPD	1/19/2017	Pesticide	Disulfoton	n/a	=	3	%	EPA 525.2m	-88	-88	0	30	
2016/17-4	Lab	method blank	1/19/2017	Pesticide	Endosulfan I	n/a	<	0.0017	µg/L	EPA 608	0.0017	0.02			
2016/17-4	Lab	LCS	1/19/2017	Pesticide	Endosulfan I	n/a	=	0.0822	µg/L	EPA 608	0.0017	0.02			
2016/17-4	Lab	LCS, rec	1/19/2017	Pesticide	Endosulfan I	n/a	=	82	%	EPA 608	-88	-88	14	131	
2016/17-4	Lab	LCS dup	1/19/2017	Pesticide	Endosulfan I	n/a	=	0.0927	µg/L	EPA 608	0.0017	0.02			
2016/17-4	Lab	LCS dup, rec	1/19/2017	Pesticide	Endosulfan I	n/a	=	93	%	EPA 608	-88	-88	14	131	
2016/17-4	Lab	LCS, RPD	1/19/2017	Pesticide	Endosulfan I	n/a	=	12	%	EPA 608	-88	-88	0	30	
2016/17-4	Lab	method blank	1/19/2017	Pesticide	Endosulfan II	n/a	<	0.0019	µg/L	EPA 608	0.0019	0.01			
2016/17-4	Lab	LCS	1/19/2017	Pesticide	Endosulfan II	n/a	=	0.0653	µg/L	EPA 608	0.0019	0.01			
2016/17-4	Lab	LCS, rec	1/19/2017	Pesticide	Endosulfan II	n/a	=	65	%	EPA 608	-88	-88	40	121	
2016/17-4	Lab	LCS dup	1/19/2017	Pesticide	Endosulfan II	n/a	=	0.0683	µg/L	EPA 608	0.0019	0.01			
2016/17-4	Lab	LCS dup, rec	1/19/2017	Pesticide	Endosulfan II	n/a	=	68	%	EPA 608	-88	-88	40	121	
2016/17-4	Lab	LCS, RPD	1/19/2017	Pesticide	Endosulfan II	n/a	=	4	%	EPA 608	-88	-88	0	30	
2016/17-4	Lab	method blank	1/19/2017	Pesticide	Endosulfan sulfate	n/a	<	0.008	µg/L	EPA 608	0.008	0.05			
2016/17-4	Lab	LCS	1/19/2017	Pesticide	Endosulfan sulfate	n/a	=	0.0742	µg/L	EPA 608	0.008	0.05			
2016/17-4	Lab	LCS, rec	1/19/2017	Pesticide	Endosulfan sulfate	n/a	=	74	%	EPA 608	-88	-88	44	140	
2016/17-4	Lab	LCS dup	1/19/2017	Pesticide	Endosulfan sulfate	n/a	=	0.082	µg/L	EPA 608	0.008	0.05			
2016/17-4	Lab	LCS dup, rec	1/19/2017	Pesticide	Endosulfan sulfate	n/a	=	82	%	EPA 608	-88	-88	44	140	
2016/17-4	Lab	LCS, RPD	1/19/2017	Pesticide	Endosulfan sulfate	n/a	=	10	%	EPA 608	-88	-88	0	30	
2016/17-4	Lab	method blank	1/19/2017	Pesticide	Endrin	n/a	<	0.0028	µg/L	EPA 608	0.0028	0.01			
2016/17-4	Lab	LCS	1/19/2017	Pesticide	Endrin	n/a	=	0.0997	µg/L	EPA 608	0.0028	0.01			
2016/17-4	Lab	LCS, rec	1/19/2017	Pesticide	Endrin	n/a	=	100	%	EPA 608	-88	-88	40	143	
2016/17-4	Lab	LCS dup	1/19/2017	Pesticide	Endrin	n/a	=	0.108	µg/L	EPA 608	0.0028	0.01			
2016/17-4	Lab	LCS dup, rec	1/19/2017	Pesticide	Endrin	n/a	=	108	%	EPA 608	-88	-88	40	143	
2016/17-4	Lab	LCS, RPD	1/19/2017	Pesticide	Endrin	n/a	=	8	%	EPA 608	-88	-88	0	30	
2016/17-4	Lab	method blank	1/19/2017	Pesticide	Endrin aldehyde	n/a	<	0.003	µg/L	EPA 608	0.003	0.01			
2016/17-4	Lab	LCS	1/19/2017	Pesticide	Endrin aldehyde	n/a	=	0.0684	µg/L	EPA 608	0.003	0.01			
2016/17-4	Lab	LCS, rec	1/19/2017	Pesticide	Endrin aldehyde	n/a	=	68	%	EPA 608	-88	-88	18	136	
2016/17-4	Lab	LCS dup	1/19/2017	Pesticide	Endrin aldehyde	n/a	=	0.0794	µg/L	EPA 608	0.003	0.01			
2016/17-4	Lab	LCS dup, rec	1/19/2017	Pesticide	Endrin aldehyde	n/a	=	79	%	EPA 608	-88	-88	18	136	
2016/17-4	Lab	LCS, RPD	1/19/2017	Pesticide	Endrin aldehyde	n/a	=	15	%	EPA 608	-88	-88	0	30	
2016/17-4	Lab	method blank	1/23/2017	Pesticide	EPTC	n/a	<	0.017	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	
2016/17-4	Lab	LCS	1/23/2017	Pesticide	EPTC	n/a	=	4.45	µg/L	EPA 525.2	0.017	1			
2016/17-4	Lab	LCS, rec	1/23/2017	Pesticide	EPTC	n/a	=	89	%	EPA 525.2	-88	-88	82	116	
2016/17-4	Lab	LCS dup	1/24/2017	Pesticide	EPTC	n/a	=	4.12	µg/L	EPA 525.2	0.017	1			
2016/17-4	Lab	LCS dup, rec	1/24/2017	Pesticide	EPTC	n/a	=	82	%	EPA 525.2	-88	-88	82	116	
2016/17-4	Lab	LCS, RPD	1/24/2017	Pesticide	EPTC	n/a	=	8	%	EPA 525.2	-88	-88	0	30	
2016/17-4	Lab	method blank	1/25/2017	Pesticide	EPTC	n/a	<	0.017	µg/L	EPA 525.2	0.017	1			
2016/17-4	Lab	LCS	1/25/2017	Pesticide	EPTC	n/a	=	4.34	µg/L	EPA 525.2	0.017	1			
2016/17-4	Lab	LCS, rec	1/25/2017	Pesticide	EPTC	n/a	=	87	%	EPA 525.2	-88	-88	82	116	
2016/17-4	Lab	LCS dup	1/25/2017	Pesticide	EPTC	n/a	=	4.2	µg/L	EPA 525.2	0.017	1			
2016/17-4	Lab	LCS dup, rec	1/25/2017	Pesticide	EPTC	n/a	=	84	%	EPA 525.2	-88	-88	82	116	
2016/17-4	Lab	LCS, RPD	1/25/2017	Pesticide	EPTC	n/a	=	3	%	EPA 525.2	-88	-88	0	30	
2016/17-4	Lab	method blank	1/19/2017	Pesticide	Ethoprop	n/a	<	0.0067	µg/L	EPA 525.2m	0.0067	0.01			
2016/17-4	Lab	LCS	1/19/2017	Pesticide	Ethoprop	n/a	=	0.0379	µg/L	EPA 525.2m	0.0067	0.01			
2016/17-4	Lab	LCS, rec	1/19/2017	Pesticide	Ethoprop	n/a	=	76	%	EPA 525.2m	-88	-88	53	163	
2016/17-4	ME-SCR	matrix spike	1/19/2017	Pesticide	Ethoprop	n/a	=	0.0534	µg/L	EPA 525.2m	0.0067	0.01			
2016/17-4	ME-SCR	matrix spike, rec	1/19/2017	Pesticide	Ethoprop	n/a	=	107	%	EPA 525.2m	-88	-88	51	167	
2016/17-4	ME-SCR	matrix spike dup	1/19/2017	Pesticide	Ethoprop	n/a	=	0.0535	µg/L	EPA 525.2m	0.0067	0.01			
2016/17-4	ME-SCR	matrix spike dup, rec	1/19/2017	Pesticide	Ethoprop	n/a	=	107	%	EPA 525.2m	-88	-88	51	167	
2016/17-4	ME-SCR	matrix spike, RPD	1/19/2017	Pesticide	Ethoprop	n/a	=	0.1	%	EPA 525.2m	-88	-88	0	30	
2016/17-4	Lab	method blank	1/19/2017	Pesticide	Ethyl parathion	n/a	<	0.0054	µg/L	EPA 525.2m	0.0054	0.01			
2016/17-4	Lab	LCS	1/19/2017	Pesticide	Ethyl parathion	n/a	=	0.0445	µg/L	EPA 525.2m	0.0054	0.01			
2016/17-4	Lab	LCS, rec	1/19/2017	Pesticide	Ethyl parathion	n/a	=	89	%	EPA 525.2m	-88	-88	7	230	
2016/17-4	ME-SCR	matrix spike	1/19/2017	Pesticide	Ethyl parathion	n/a	=	0.0499	µg/L	EPA 525.2m	0.0054	0.01			
2016/17-4	ME-SCR	matrix spike, rec	1/19/2017	Pesticide	Ethyl parathion	n/a	=	100	%	EPA 525.2m	-88	-88	5	229	
2016/17-4	ME-SCR	matrix spike dup	1/19/2017	Pesticide	Ethyl parathion	n/a	=	0.0495	µg/L	EPA 525.2m	0.0054	0.01			
2016/17-4	ME-SCR	matrix spike dup, rec	1/19/2017	Pesticide	Ethyl parathion	n/a	=	99	%	EPA 525.2m	-88	-88	5	229	
2016/17-4	ME-SCR	matrix spike, RPD	1/19/2017	Pesticide	Ethyl parathion	n/a	=	0.7	%	EPA 525.2m	-88	-88	0	30	
2016/17-4	Lab	method blank	1/19/2017	Pesticide	Fensulfothion	n/a	<	0.0029	µg/L	EPA 525.2m	0.0029	0.01			
2016/17-4	Lab	LCS	1/19/2017	Pesticide	Fensulfothion	n/a	=	0.023	µg/L	EPA 525.2m	0.0029	0.01			
2016/17-4	Lab	LCS, rec	1/19/2017	Pesticide	Fensulfothion	n/a	=	46	%	EPA 525.2m	-88	-88	0.1	265	
2016/17-4	ME-SCR	matrix spike	1/19/2017	Pesticide	Fensulfothion	n/a	=	0.113	µg/L	EPA 525.2m	0.0029	0.01			
2016/17-4	ME-SCR	matrix spike, rec	1/19/2017	Pesticide	Fensulfothion	n/a	=	225	%	EPA 525.2m	-88	-88	0.1	316	
2016/17-4	ME-SCR	matrix spike dup	1/19/2017	Pesticide	Fensulfothion	n/a	=	0.14	µg/L	EPA 525.2m	0.0029	0.01			
2016/17-4	ME-SCR	matrix spike dup, rec	1/19/2017	Pesticide	Fensulfothion	n/a	=	280	%	EPA 525.2m	-88	-88	0.1	316	
2016/17-4	ME-SCR	matrix spike, RPD	1/19/2017	Pesticide	Fensulfothion	n/a	=	22	%	EPA 525.2m	-88	-88	0	30	
2016/17-4	Lab	method blank	1/19/2017	Pesticide	Fenthion	n/a	<	0.0038	µg/L	EPA 525.2m	0.0038	0.01			
2016/17-4	Lab	LCS	1/19/2017	Pesticide	Fenthion	n/a	=	0.0389	µg/L	EPA 525.2m	0.0038	0.01			
2016/17-4	Lab	LCS, rec	1/19/2017	Pesticide	Fenthion	n/a	=	78	%	EPA 525.2m	-88	-88	20	177	
2016/17-4	ME-SCR	matrix spike	1/19/2017	Pesticide	Fenthion	n/a	=	0.0391	µg/L	EPA 525.2m	0.0038	0.01			
2016/17-4	ME-SCR	matrix spike, rec	1/19/2017	Pesticide	Fenthion	n/a	=	78	%	EPA 525.2m	-88	-88	23	169	
2016/17-4	ME-SCR	matrix spike dup	1/19/2017	Pesticide	Fenthion	n/a	=	0.0396	µg/L	EPA 525.2m	0.0038	0.01			
2016/17-4	ME-SCR	matrix spike dup, rec	1/19/2017	Pesticide	Fenthion	n/a	=	79	%	EPA 525.2m	-88	-88	23	169	
2016/17-4	ME-SCR	matrix spike, RPD	1/19/2017	Pesticide	Fenthion	n/a	=	1	%	EPA 525.2m	-88	-88	0	30	
2016/17-4	Lab	method blank	1/19/2017	Pesticide	gamma-BHC (Lindane)	n/a	<	0.0021	µg/L	EPA 608	0.0021	0.02			
2016/17-4	Lab	LCS	1/19/2017	Pesticide	gamma-BHC (Lindane)	n/a	=	0.0898	µg/L	EPA 608	0.0021	0.02			
2016/17-4	Lab	LCS, rec	1/19/2017	Pesticide	gamma-BHC (Lindane)	n/a	=	90	%	EPA 608	-88	-88	49	117	
2016/17-4	Lab	LCS dup	1/19/2017	Pesticide	gamma-BHC (Lindane)	n/a	=	0.0954	µg/L	EPA 608	0.0021	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	
2016/17-4	Lab	LCS dup, rec	1/19/2017	Pesticide	gamma-BHC (Lindane)	n/a	=	95	%	EPA 608	-88	-88	49	117	
2016/17-4	Lab	LCS, RPD	1/19/2017	Pesticide	gamma-BHC (Lindane)	n/a	=	6	%	EPA 608	-88	-88	0	30	
2016/17-4	Lab	method blank	1/19/2017	Pesticide	gamma-Chlordane	n/a	<	0.0044	µg/L	EPA 608	0.0044	0.01			
2016/17-4	000NONPJ	matrix spike	1/9/2017	Pesticide	Glyphosate	n/a	=	18.9	µg/L	EPA 547	1.8	5			
2016/17-4	000NONPJ	matrix spike, rec	1/9/2017	Pesticide	Glyphosate	n/a	=	76	%	EPA 547	-88	-88	41	149	
2016/17-4	000NONPJ	matrix spike dup	1/9/2017	Pesticide	Glyphosate	n/a	=	17.2	µg/L	EPA 547	1.8	5			
2016/17-4	000NONPJ	matrix spike dup, rec	1/9/2017	Pesticide	Glyphosate	n/a	=	69	%	EPA 547	-88	-88	41	149	
2016/17-4	000NONPJ	matrix spike, RPD	1/9/2017	Pesticide	Glyphosate	n/a	=	9	%	EPA 547	-88	-88	0	30	
2016/17-4	000NONPJ	matrix spike	1/9/2017	Pesticide	Glyphosate	n/a	=	21.6	µg/L	EPA 547	1.8	5			
2016/17-4	000NONPJ	matrix spike, rec	1/9/2017	Pesticide	Glyphosate	n/a	=	67	%	EPA 547	-88	-88	41	149	
2016/17-4	000NONPJ	matrix spike dup	1/9/2017	Pesticide	Glyphosate	n/a	=	24.5	µg/L	EPA 547	1.8	5			
2016/17-4	000NONPJ	matrix spike dup, rec	1/9/2017	Pesticide	Glyphosate	n/a	=	78	%	EPA 547	-88	-88	41	149	
2016/17-4	000NONPJ	matrix spike, RPD	1/9/2017	Pesticide	Glyphosate	n/a	=	12	%	EPA 547	-88	-88	0	30	
2016/17-4	Lab	method blank	1/9/2017	Pesticide	Glyphosate	n/a	<	1.8	µg/L	EPA 547	1.8	5			
2016/17-4	Lab	LCS	1/9/2017	Pesticide	Glyphosate	n/a	=	25	µg/L	EPA 547	1.8	5			
2016/17-4	Lab	LCS, rec	1/9/2017	Pesticide	Glyphosate	n/a	=	100	%	EPA 547	-88	-88	62	130	
2016/17-4	Lab	method blank	1/10/2017	Pesticide	Glyphosate	n/a	<	1.8	µg/L	EPA 547	1.8	5			
2016/17-4	Lab	LCS	1/10/2017	Pesticide	Glyphosate	n/a	=	19.1	µg/L	EPA 547	1.8	5			
2016/17-4	Lab	LCS, rec	1/10/2017	Pesticide	Glyphosate	n/a	=	76	%	EPA 547	-88	-88	62	130	
2016/17-4	Lab	method blank	1/19/2017	Pesticide	Heptachlor	n/a	<	0.0017	µg/L	EPA 608	0.0017	0.01			
2016/17-4	Lab	LCS	1/19/2017	Pesticide	Heptachlor	n/a	=	0.0894	µg/L	EPA 608	0.0017	0.01			
2016/17-4	Lab	LCS, rec	1/19/2017	Pesticide	Heptachlor	n/a	=	89	%	EPA 608	-88	-88	31	130	
2016/17-4	Lab	LCS dup	1/19/2017	Pesticide	Heptachlor	n/a	=	0.103	µg/L	EPA 608	0.0017	0.01			
2016/17-4	Lab	LCS dup, rec	1/19/2017	Pesticide	Heptachlor	n/a	=	103	%	EPA 608	-88	-88	31	130	
2016/17-4	Lab	LCS, RPD	1/19/2017	Pesticide	Heptachlor	n/a	=	14	%	EPA 608	-88	-88	0	30	
2016/17-4	Lab	method blank	1/19/2017	Pesticide	Heptachlor epoxide	n/a	<	0.0019	µg/L	EPA 608	0.0019	0.01			
2016/17-4	Lab	LCS	1/19/2017	Pesticide	Heptachlor epoxide	n/a	=	0.0917	µg/L	EPA 608	0.0019	0.01			
2016/17-4	Lab	LCS, rec	1/19/2017	Pesticide	Heptachlor epoxide	n/a	=	92	%	EPA 608	-88	-88	49	122	
2016/17-4	Lab	LCS dup	1/19/2017	Pesticide	Heptachlor epoxide	n/a	=	0.099	µg/L	EPA 608	0.0019	0.01			
2016/17-4	Lab	LCS dup, rec	1/19/2017	Pesticide	Heptachlor epoxide	n/a	=	99	%	EPA 608	-88	-88	49	122	
2016/17-4	Lab	LCS, RPD	1/19/2017	Pesticide	Heptachlor epoxide	n/a	=	8	%	EPA 608	-88	-88	0	30	
2016/17-4	Lab	method blank	1/19/2017	Pesticide	Malathion	n/a	<	0.0076	µg/L	EPA 525.2m	0.0076	0.01			
2016/17-4	Lab	LCS	1/19/2017	Pesticide	Malathion	n/a	=	0.0484	µg/L	EPA 525.2m	0.0076	0.01			
2016/17-4	Lab	LCS, rec	1/19/2017	Pesticide	Malathion	n/a	=	97	%	EPA 525.2m	-88	-88	14	175	
2016/17-4	ME-SCR	matrix spike	1/19/2017	Pesticide	Malathion	n/a	=	0.0735	µg/L	EPA 525.2m	0.0076	0.01			
2016/17-4	ME-SCR	matrix spike, rec	1/19/2017	Pesticide	Malathion	n/a	=	147	%	EPA 525.2m	-88	-88	6	184	
2016/17-4	ME-SCR	matrix spike dup	1/19/2017	Pesticide	Malathion	n/a	=	0.0699	µg/L	EPA 525.2m	0.0076	0.01			
2016/17-4	ME-SCR	matrix spike dup, rec	1/19/2017	Pesticide	Malathion	n/a	=	140	%	EPA 525.2m	-88	-88	6	184	
2016/17-4	ME-SCR	matrix spike, RPD	1/19/2017	Pesticide	Malathion	n/a	=	5	%	EPA 525.2m	-88	-88	0	30	
2016/17-4	Lab	method blank	1/19/2017	Pesticide	Merphos	n/a	<	0.0058	µg/L	EPA 525.2m	0.0058	0.01			
2016/17-4	Lab	LCS	1/19/2017	Pesticide	Merphos	n/a	=	0.0367	µg/L	EPA 525.2m	0.0058	0.01			
2016/17-4	Lab	LCS, rec	1/19/2017	Pesticide	Merphos	n/a	=	73	%	EPA 525.2m	-88	-88	28	181	
2016/17-4	ME-SCR	matrix spike	1/19/2017	Pesticide	Merphos	n/a	=	0.115	µg/L	EPA 525.2m	0.0058	0.01			GB
2016/17-4	ME-SCR	matrix spike, rec	1/19/2017	Pesticide	Merphos	n/a	=	229	%	EPA 525.2m	-88	-88	3	210	GB
2016/17-4	ME-SCR	matrix spike dup	1/19/2017	Pesticide	Merphos	n/a	=	0.137	µg/L	EPA 525.2m	0.0058	0.01			GB
2016/17-4	ME-SCR	matrix spike dup, rec	1/19/2017	Pesticide	Merphos	n/a	=	273	%	EPA 525.2m	-88	-88	3	210	GB
2016/17-4	ME-SCR	matrix spike, RPD	1/19/2017	Pesticide	Merphos	n/a	=	18	%	EPA 525.2m	-88	-88	0	30	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	
2016/17-4	Lab	method blank	1/19/2017	Pesticide	Methoxychlor	n/a	<	0.0054	µg/L	EPA 608	0.0054	0.02			
2016/17-4	Lab	method blank	1/19/2017	Pesticide	Methyl parathion	n/a	<	0.0063	µg/L	EPA 525.2m	0.0063	0.01			
2016/17-4	Lab	LCS	1/19/2017	Pesticide	Methyl parathion	n/a	=	0.0437	µg/L	EPA 525.2m	0.0063	0.01			
2016/17-4	Lab	LCS, rec	1/19/2017	Pesticide	Methyl parathion	n/a	=	87	%	EPA 525.2m	-88	-88	0.1	252	
2016/17-4	ME-SCR	matrix spike	1/19/2017	Pesticide	Methyl parathion	n/a	=	0.0553	µg/L	EPA 525.2m	0.0063	0.01			
2016/17-4	ME-SCR	matrix spike, rec	1/19/2017	Pesticide	Methyl parathion	n/a	=	111	%	EPA 525.2m	-88	-88	0.1	249	
2016/17-4	ME-SCR	matrix spike dup	1/19/2017	Pesticide	Methyl parathion	n/a	=	0.0557	µg/L	EPA 525.2m	0.0063	0.01			
2016/17-4	ME-SCR	matrix spike dup, rec	1/19/2017	Pesticide	Methyl parathion	n/a	=	111	%	EPA 525.2m	-88	-88	0.1	249	
2016/17-4	ME-SCR	matrix spike, RPD	1/19/2017	Pesticide	Methyl parathion	n/a	=	0.6	%	EPA 525.2m	-88	-88	0	30	
2016/17-4	Lab	method blank	1/23/2017	Pesticide	Metolachlor	n/a	<	0.012	µg/L	EPA 525.2	0.012	0.1			
2016/17-4	Lab	LCS	1/23/2017	Pesticide	Metolachlor	n/a	=	4.04	µg/L	EPA 525.2	0.012	0.1			
2016/17-4	Lab	LCS, rec	1/23/2017	Pesticide	Metolachlor	n/a	=	81	%	EPA 525.2	-88	-88	61	123	
2016/17-4	Lab	LCS dup	1/24/2017	Pesticide	Metolachlor	n/a	=	3.99	µg/L	EPA 525.2	0.012	0.1			
2016/17-4	Lab	LCS dup, rec	1/24/2017	Pesticide	Metolachlor	n/a	=	80	%	EPA 525.2	-88	-88	61	123	
2016/17-4	Lab	LCS, RPD	1/24/2017	Pesticide	Metolachlor	n/a	=	1	%	EPA 525.2	-88	-88	0	30	
2016/17-4	Lab	method blank	1/25/2017	Pesticide	Metolachlor	n/a	<	0.012	µg/L	EPA 525.2	0.012	0.1			
2016/17-4	Lab	LCS	1/25/2017	Pesticide	Metolachlor	n/a	=	3.69	µg/L	EPA 525.2	0.012	0.1			
2016/17-4	Lab	LCS, rec	1/25/2017	Pesticide	Metolachlor	n/a	=	74	%	EPA 525.2	-88	-88	61	123	
2016/17-4	Lab	LCS dup	1/25/2017	Pesticide	Metolachlor	n/a	=	3.56	µg/L	EPA 525.2	0.012	0.1			
2016/17-4	Lab	LCS dup, rec	1/25/2017	Pesticide	Metolachlor	n/a	=	71	%	EPA 525.2	-88	-88	61	123	
2016/17-4	Lab	LCS, RPD	1/25/2017	Pesticide	Metolachlor	n/a	=	4	%	EPA 525.2	-88	-88	0	30	
2016/17-4	Lab	method blank	1/23/2017	Pesticide	Metribuzin	n/a	<	0.015	µg/L	EPA 525.2	0.015	0.1			
2016/17-4	Lab	LCS	1/23/2017	Pesticide	Metribuzin	n/a	=	3.37	µg/L	EPA 525.2	0.015	0.1			
2016/17-4	Lab	LCS, rec	1/23/2017	Pesticide	Metribuzin	n/a	=	67	%	EPA 525.2	-88	-88	50	121	
2016/17-4	Lab	LCS dup	1/24/2017	Pesticide	Metribuzin	n/a	=	3.83	µg/L	EPA 525.2	0.015	0.1			
2016/17-4	Lab	LCS dup, rec	1/24/2017	Pesticide	Metribuzin	n/a	=	77	%	EPA 525.2	-88	-88	50	121	
2016/17-4	Lab	LCS, RPD	1/24/2017	Pesticide	Metribuzin	n/a	=	13	%	EPA 525.2	-88	-88	0	30	
2016/17-4	Lab	method blank	1/25/2017	Pesticide	Metribuzin	n/a	<	0.015	µg/L	EPA 525.2	0.015	0.1			
2016/17-4	Lab	LCS	1/25/2017	Pesticide	Metribuzin	n/a	=	3.21	µg/L	EPA 525.2	0.015	0.1			
2016/17-4	Lab	LCS, rec	1/25/2017	Pesticide	Metribuzin	n/a	=	64	%	EPA 525.2	-88	-88	50	121	
2016/17-4	Lab	LCS dup	1/25/2017	Pesticide	Metribuzin	n/a	=	3.51	µg/L	EPA 525.2	0.015	0.1			
2016/17-4	Lab	LCS dup, rec	1/25/2017	Pesticide	Metribuzin	n/a	=	70	%	EPA 525.2	-88	-88	50	121	
2016/17-4	Lab	LCS, RPD	1/25/2017	Pesticide	Metribuzin	n/a	=	9	%	EPA 525.2	-88	-88	0	30	
2016/17-4	Lab	method blank	1/19/2017	Pesticide	Mevinphos	n/a	<	0.0042	µg/L	EPA 525.2m	0.0042	0.01			
2016/17-4	Lab	LCS	1/19/2017	Pesticide	Mevinphos	n/a	=	0.028	µg/L	EPA 525.2m	0.0042	0.01			
2016/17-4	Lab	LCS, rec	1/19/2017	Pesticide	Mevinphos	n/a	=	56	%	EPA 525.2m	-88	-88	14	202	
2016/17-4	ME-SCR	matrix spike	1/19/2017	Pesticide	Mevinphos	n/a	=	0.0511	µg/L	EPA 525.2m	0.0042	0.01			
2016/17-4	ME-SCR	matrix spike, rec	1/19/2017	Pesticide	Mevinphos	n/a	=	102	%	EPA 525.2m	-88	-88	25	189	
2016/17-4	ME-SCR	matrix spike dup	1/19/2017	Pesticide	Mevinphos	n/a	=	0.0494	µg/L	EPA 525.2m	0.0042	0.01			
2016/17-4	ME-SCR	matrix spike dup, rec	1/19/2017	Pesticide	Mevinphos	n/a	=	99	%	EPA 525.2m	-88	-88	25	189	
2016/17-4	ME-SCR	matrix spike, RPD	1/19/2017	Pesticide	Mevinphos	n/a	=	3	%	EPA 525.2m	-88	-88	0	30	
2016/17-4	Lab	method blank	1/23/2017	Pesticide	Molinate	n/a	<	0.039	µg/L	EPA 525.2	0.039	0.1			
2016/17-4	Lab	LCS	1/23/2017	Pesticide	Molinate	n/a	=	4.83	µg/L	EPA 525.2	0.039	0.1			
2016/17-4	Lab	LCS, rec	1/23/2017	Pesticide	Molinate	n/a	=	97	%	EPA 525.2	-88	-88	82	117	
2016/17-4	Lab	LCS dup	1/24/2017	Pesticide	Molinate	n/a	=	4.73	µg/L	EPA 525.2	0.039	0.1			
2016/17-4	Lab	LCS dup, rec	1/24/2017	Pesticide	Molinate	n/a	=	95	%	EPA 525.2	-88	-88	82	117	
2016/17-4	Lab	LCS, RPD	1/24/2017	Pesticide	Molinate	n/a	=	2	%	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	
2016/17-4	Lab	method blank	1/25/2017	Pesticide	Molinate	n/a	<	0.039	µg/L	EPA 525.2	0.039	0.1			
2016/17-4	Lab	LCS	1/25/2017	Pesticide	Molinate	n/a	=	4.59	µg/L	EPA 525.2	0.039	0.1			
2016/17-4	Lab	LCS, rec	1/25/2017	Pesticide	Molinate	n/a	=	92	%	EPA 525.2	-88	-88	82	117	
2016/17-4	Lab	LCS dup	1/25/2017	Pesticide	Molinate	n/a	=	4.69	µg/L	EPA 525.2	0.039	0.1			
2016/17-4	Lab	LCS dup, rec	1/25/2017	Pesticide	Molinate	n/a	=	94	%	EPA 525.2	-88	-88	82	117	
2016/17-4	Lab	LCS, RPD	1/25/2017	Pesticide	Molinate	n/a	=	2	%	EPA 525.2	-88	-88	0	30	
2016/17-4	Lab	method blank	1/19/2017	Pesticide	Naled	n/a	<	0.0076	µg/L	EPA 525.2m	0.0076	0.01			
2016/17-4	Lab	LCS	1/19/2017	Pesticide	Naled	n/a	=	0.0522	µg/L	EPA 525.2m	0.0076	0.01			
2016/17-4	Lab	LCS, rec	1/19/2017	Pesticide	Naled	n/a	=	104	%	EPA 525.2m	-88	-88	0.1	240	
2016/17-4	ME-SCR	matrix spike	1/19/2017	Pesticide	Naled	n/a	=	0.0572	µg/L	EPA 525.2m	0.0076	0.01			
2016/17-4	ME-SCR	matrix spike, rec	1/19/2017	Pesticide	Naled	n/a	=	114	%	EPA 525.2m	-88	-88	0.1	242	
2016/17-4	ME-SCR	matrix spike dup	1/19/2017	Pesticide	Naled	n/a	=	0.0758	µg/L	EPA 525.2m	0.0076	0.01			
2016/17-4	ME-SCR	matrix spike dup, rec	1/19/2017	Pesticide	Naled	n/a	=	152	%	EPA 525.2m	-88	-88	0.1	242	
2016/17-4	ME-SCR	matrix spike, RPD	1/19/2017	Pesticide	Naled	n/a	=	28	%	EPA 525.2m	-88	-88	0	30	
2016/17-4	000NONPJ	matrix spike	1/11/2017	Pesticide	Pentachlorophenol	n/a	=	3.7	µg/L	EPA 515.3	0.04	0.2			
2016/17-4	000NONPJ	matrix spike, rec	1/11/2017	Pesticide	Pentachlorophenol	n/a	=	93	%	EPA 515.3	-88	-88	70	130	
2016/17-4	000NONPJ	matrix spike dup	1/11/2017	Pesticide	Pentachlorophenol	n/a	=	3.44	µg/L	EPA 515.3	0.04	0.2			
2016/17-4	000NONPJ	matrix spike dup, rec	1/11/2017	Pesticide	Pentachlorophenol	n/a	=	86	%	EPA 515.3	-88	-88	70	130	
2016/17-4	000NONPJ	matrix spike, RPD	1/11/2017	Pesticide	Pentachlorophenol	n/a	=	7	%	EPA 515.3	-88	-88	0	30	
2016/17-4	Lab	method blank	1/11/2017	Pesticide	Pentachlorophenol	n/a	<	0.04	µg/L	EPA 515.3	0.04	0.2			
2016/17-4	Lab	LCS	1/11/2017	Pesticide	Pentachlorophenol	n/a	=	4	µg/L	EPA 515.3	0.04	0.2			
2016/17-4	Lab	LCS, rec	1/11/2017	Pesticide	Pentachlorophenol	n/a	=	100	%	EPA 515.3	-88	-88	70	130	
2016/17-4	Lab	method blank	1/13/2017	Pesticide	Pentachlorophenol	n/a	<	0.19	µg/L	EPA 625	0.19	1			
2016/17-4	Lab	LCS	1/13/2017	Pesticide	Pentachlorophenol	n/a	=	16.6	µg/L	EPA 625	0.19	1			
2016/17-4	Lab	LCS, rec	1/13/2017	Pesticide	Pentachlorophenol	n/a	=	66	%	EPA 625	-88	-88	14	176	
2016/17-4	Lab	LCS dup	1/13/2017	Pesticide	Pentachlorophenol	n/a	=	15.1	µg/L	EPA 625	0.19	1			
2016/17-4	Lab	LCS dup, rec	1/13/2017	Pesticide	Pentachlorophenol	n/a	=	60	%	EPA 625	-88	-88	14	176	
2016/17-4	Lab	LCS, RPD	1/13/2017	Pesticide	Pentachlorophenol	n/a	=	9	%	EPA 625	-88	-88	0	30	
2016/17-4	Lab	method blank	1/19/2017	Pesticide	Pentachlorophenol	n/a	<	0.15	µg/L	EPA 8270C	0.15	1			
2016/17-4	Lab	LCS	1/19/2017	Pesticide	Pentachlorophenol	n/a	=	7.31	µg/L	EPA 8270C	0.15	1			
2016/17-4	Lab	LCS, rec	1/19/2017	Pesticide	Pentachlorophenol	n/a	=	73	%	EPA 8270C	-88	-88	29	106	
2016/17-4	Lab	LCS dup	1/19/2017	Pesticide	Pentachlorophenol	n/a	=	8.01	µg/L	EPA 8270C	0.15	1			
2016/17-4	Lab	LCS dup, rec	1/19/2017	Pesticide	Pentachlorophenol	n/a	=	80	%	EPA 8270C	-88	-88	29	106	
2016/17-4	Lab	LCS, RPD	1/19/2017	Pesticide	Pentachlorophenol	n/a	=	9	%	EPA 8270C	-88	-88	0	30	
2016/17-4	Lab	method blank	1/24/2017	Pesticide	Pentachlorophenol	n/a	<	0.19	µg/L	EPA 625	0.19	1			
2016/17-4	Lab	LCS	1/24/2017	Pesticide	Pentachlorophenol	n/a	=	24.3	µg/L	EPA 625	0.19	1			
2016/17-4	Lab	LCS, rec	1/24/2017	Pesticide	Pentachlorophenol	n/a	=	97	%	EPA 625	-88	-88	14	176	
2016/17-4	Lab	LCS dup	1/24/2017	Pesticide	Pentachlorophenol	n/a	=	23.6	µg/L	EPA 625	0.19	1			
2016/17-4	Lab	LCS dup, rec	1/24/2017	Pesticide	Pentachlorophenol	n/a	=	95	%	EPA 625	-88	-88	14	176	
2016/17-4	Lab	LCS, RPD	1/24/2017	Pesticide	Pentachlorophenol	n/a	=	3	%	EPA 625	-88	-88	0	30	
2016/17-4	Lab	method blank	1/19/2017	Pesticide	Phorate	n/a	<	0.003	µg/L	EPA 525.2m	0.003	0.01			
2016/17-4	Lab	LCS	1/19/2017	Pesticide	Phorate	n/a	=	0.0459	µg/L	EPA 525.2m	0.003	0.01			
2016/17-4	Lab	LCS, rec	1/19/2017	Pesticide	Phorate	n/a	=	92	%	EPA 525.2m	-88	-88	26	180	
2016/17-4	ME-SCR	matrix spike	1/19/2017	Pesticide	Phorate	n/a	=	0.0581	µg/L	EPA 525.2m	0.003	0.01			
2016/17-4	ME-SCR	matrix spike, rec	1/19/2017	Pesticide	Phorate	n/a	=	116	%	EPA 525.2m	-88	-88	31	181	
2016/17-4	ME-SCR	matrix spike dup	1/19/2017	Pesticide	Phorate	n/a	=	0.0633	µg/L	EPA 525.2m	0.003	0.01			
2016/17-4	ME-SCR	matrix spike dup, rec	1/19/2017	Pesticide	Phorate	n/a	=	127	%	EPA 525.2m	-88	-88	31	181	

Appendix F
Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2016/17-4	ME-SCR	matrix spike, RPD	1/19/2017	Pesticide	Phorate	n/a	=	9	%	EPA 525.2m	-88	-88	0	30	
2016/17-4	000NONPJ	matrix spike	1/11/2017	Pesticide	Picloram	n/a	=	4.56	µg/L	EPA 515.3	0.05	0.6			
2016/17-4	000NONPJ	matrix spike, rec	1/11/2017	Pesticide	Picloram	n/a	=	114	%	EPA 515.3	-88	-88	70	130	
2016/17-4	000NONPJ	matrix spike dup	1/11/2017	Pesticide	Picloram	n/a	=	4.24	µg/L	EPA 515.3	0.05	0.6			
2016/17-4	000NONPJ	matrix spike dup, rec	1/11/2017	Pesticide	Picloram	n/a	=	106	%	EPA 515.3	-88	-88	70	130	
2016/17-4	000NONPJ	matrix spike, RPD	1/11/2017	Pesticide	Picloram	n/a	=	7	%	EPA 515.3	-88	-88	0	30	
2016/17-4	Lab	method blank	1/11/2017	Pesticide	Picloram	n/a	<	0.05	µg/L	EPA 515.3	0.05	0.6			
2016/17-4	Lab	LCS	1/11/2017	Pesticide	Picloram	n/a	=	4.01	µg/L	EPA 515.3	0.05	0.6			
2016/17-4	Lab	LCS, rec	1/11/2017	Pesticide	Picloram	n/a	=	100	%	EPA 515.3	-88	-88	70	130	
2016/17-4	Lab	method blank	1/23/2017	Pesticide	Prometon	n/a	<	0.024	µg/L	EPA 525.2	0.024	0.2			
2016/17-4	Lab	LCS	1/23/2017	Pesticide	Prometon	n/a	=	1.76	µg/L	EPA 525.2	0.024	0.2			
2016/17-4	Lab	LCS, rec	1/23/2017	Pesticide	Prometon	n/a	=	35	%	EPA 525.2	-88	-88	17	101	
2016/17-4	Lab	LCS dup	1/24/2017	Pesticide	Prometon	n/a	DNQ	0.06	µg/L	EPA 525.2	0.024	0.2			EUM,IL
2016/17-4	Lab	LCS dup, rec	1/24/2017	Pesticide	Prometon	n/a	=	1	%	EPA 525.2	-88	-88	17	101	EUM,IL
2016/17-4	Lab	LCS, RPD	1/24/2017	Pesticide	Prometon	n/a	=	187	%	EPA 525.2	-88	-88	0	30	EUM,IL
2016/17-4	Lab	method blank	1/25/2017	Pesticide	Prometon	n/a	<	0.024	µg/L	EPA 525.2	0.024	0.2			
2016/17-4	Lab	LCS	1/25/2017	Pesticide	Prometon	n/a	=	1.58	µg/L	EPA 525.2	0.024	0.2			
2016/17-4	Lab	LCS, rec	1/25/2017	Pesticide	Prometon	n/a	=	32	%	EPA 525.2	-88	-88	17	101	
2016/17-4	Lab	LCS dup	1/25/2017	Pesticide	Prometon	n/a	DNQ	0.06	µg/L	EPA 525.2	0.024	0.2			EUM,IL
2016/17-4	Lab	LCS dup, rec	1/25/2017	Pesticide	Prometon	n/a	=	1	%	EPA 525.2	-88	-88	17	101	EUM,IL
2016/17-4	Lab	LCS, RPD	1/25/2017	Pesticide	Prometon	n/a	=	185	%	EPA 525.2	-88	-88	0	30	EUM,IL
2016/17-4	Lab	method blank	1/23/2017	Pesticide	Prometryn	n/a	<	0.036	µg/L	EPA 525.2	0.036	0.1			
2016/17-4	Lab	LCS	1/23/2017	Pesticide	Prometryn	n/a	=	3.05	µg/L	EPA 525.2	0.036	0.1			
2016/17-4	Lab	LCS, rec	1/23/2017	Pesticide	Prometryn	n/a	=	61	%	EPA 525.2	-88	-88	57	122	
2016/17-4	Lab	LCS dup	1/24/2017	Pesticide	Prometryn	n/a	=	0.31	µg/L	EPA 525.2	0.036	0.1			EUM,IL
2016/17-4	Lab	LCS dup, rec	1/24/2017	Pesticide	Prometryn	n/a	=	6	%	EPA 525.2	-88	-88	57	122	EUM,IL
2016/17-4	Lab	LCS, RPD	1/24/2017	Pesticide	Prometryn	n/a	=	163	%	EPA 525.2	-88	-88	0	30	EUM,IL
2016/17-4	Lab	method blank	1/25/2017	Pesticide	Prometryn	n/a	<	0.036	µg/L	EPA 525.2	0.036	0.1			
2016/17-4	Lab	LCS	1/25/2017	Pesticide	Prometryn	n/a	=	2.78	µg/L	EPA 525.2	0.036	0.1			EUM
2016/17-4	Lab	LCS, rec	1/25/2017	Pesticide	Prometryn	n/a	=	56	%	EPA 525.2	-88	-88	57	122	EUM
2016/17-4	Lab	LCS dup	1/25/2017	Pesticide	Prometryn	n/a	=	0.28	µg/L	EPA 525.2	0.036	0.1			IL
2016/17-4	Lab	LCS dup, rec	1/25/2017	Pesticide	Prometryn	n/a	=	6	%	EPA 525.2	-88	-88	57	122	IL
2016/17-4	Lab	LCS, RPD	1/25/2017	Pesticide	Prometryn	n/a	=	163	%	EPA 525.2	-88	-88	0	30	IL
2016/17-4	Lab	method blank	1/19/2017	Pesticide	Ronnel (Fenchlorphos)	n/a	<	0.0041	µg/L	EPA 525.2m	0.0041	0.01			
2016/17-4	Lab	LCS	1/19/2017	Pesticide	Ronnel (Fenchlorphos)	n/a	=	0.049	µg/L	EPA 525.2m	0.0041	0.01			
2016/17-4	Lab	LCS, rec	1/19/2017	Pesticide	Ronnel (Fenchlorphos)	n/a	=	98	%	EPA 525.2m	-88	-88	34	154	
2016/17-4	ME-SCR	matrix spike	1/19/2017	Pesticide	Ronnel (Fenchlorphos)	n/a	=	0.0393	µg/L	EPA 525.2m	0.0041	0.01			
2016/17-4	ME-SCR	matrix spike, rec	1/19/2017	Pesticide	Ronnel (Fenchlorphos)	n/a	=	79	%	EPA 525.2m	-88	-88	29	153	
2016/17-4	ME-SCR	matrix spike dup	1/19/2017	Pesticide	Ronnel (Fenchlorphos)	n/a	=	0.0384	µg/L	EPA 525.2m	0.0041	0.01			
2016/17-4	ME-SCR	matrix spike dup, rec	1/19/2017	Pesticide	Ronnel (Fenchlorphos)	n/a	=	77	%	EPA 525.2m	-88	-88	29	153	
2016/17-4	ME-SCR	matrix spike, RPD	1/19/2017	Pesticide	Ronnel (Fenchlorphos)	n/a	=	2	%	EPA 525.2m	-88	-88	0	30	
2016/17-4	Lab	method blank	1/23/2017	Pesticide	Simazine	n/a	<	0.015	µg/L	EPA 525.2	0.015	0.1			
2016/17-4	Lab	LCS	1/23/2017	Pesticide	Simazine	n/a	=	3.68	µg/L	EPA 525.2	0.015	0.1			
2016/17-4	Lab	LCS, rec	1/23/2017	Pesticide	Simazine	n/a	=	74	%	EPA 525.2	-88	-88	53	116	
2016/17-4	Lab	LCS dup	1/24/2017	Pesticide	Simazine	n/a	=	2.97	µg/L	EPA 525.2	0.015	0.1			
2016/17-4	Lab	LCS dup, rec	1/24/2017	Pesticide	Simazine	n/a	=	59	%	EPA 525.2	-88	-88	53	116	
2016/17-4	Lab	LCS, RPD	1/24/2017	Pesticide	Simazine	n/a	=	21	%	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	
2016/17-4	Lab	method blank	1/25/2017	Pesticide	Simazine	n/a	<	0.015	µg/L	EPA 525.2	0.015	0.1			
2016/17-4	Lab	LCS	1/25/2017	Pesticide	Simazine	n/a	=	3.39	µg/L	EPA 525.2	0.015	0.1			
2016/17-4	Lab	LCS, rec	1/25/2017	Pesticide	Simazine	n/a	=	68	%	EPA 525.2	-88	-88	53	116	
2016/17-4	Lab	LCS dup	1/25/2017	Pesticide	Simazine	n/a	=	2.77	µg/L	EPA 525.2	0.015	0.1			
2016/17-4	Lab	LCS dup, rec	1/25/2017	Pesticide	Simazine	n/a	=	55	%	EPA 525.2	-88	-88	53	116	
2016/17-4	Lab	LCS, RPD	1/25/2017	Pesticide	Simazine	n/a	=	20	%	EPA 525.2	-88	-88	0	30	
2016/17-4	Lab	method blank	1/19/2017	Pesticide	Stirophos (Tetrachlorvinphos)	n/a	<	0.0031	µg/L	EPA 525.2m	0.0031	0.01			
2016/17-4	Lab	LCS	1/19/2017	Pesticide	Stirophos (Tetrachlorvinphos)	n/a	=	0.0484	µg/L	EPA 525.2m	0.0031	0.01			
2016/17-4	Lab	LCS, rec	1/19/2017	Pesticide	Stirophos (Tetrachlorvinphos)	n/a	=	97	%	EPA 525.2m	-88	-88	0.1	188	
2016/17-4	ME-SCR	matrix spike	1/19/2017	Pesticide	Stirophos (Tetrachlorvinphos)	n/a	=	0.0643	µg/L	EPA 525.2m	0.0031	0.01			
2016/17-4	ME-SCR	matrix spike, rec	1/19/2017	Pesticide	Stirophos (Tetrachlorvinphos)	n/a	=	129	%	EPA 525.2m	-88	-88	0.1	167	
2016/17-4	ME-SCR	matrix spike dup	1/19/2017	Pesticide	Stirophos (Tetrachlorvinphos)	n/a	=	0.0649	µg/L	EPA 525.2m	0.0031	0.01			
2016/17-4	ME-SCR	matrix spike dup, rec	1/19/2017	Pesticide	Stirophos (Tetrachlorvinphos)	n/a	=	130	%	EPA 525.2m	-88	-88	0.1	167	
2016/17-4	ME-SCR	matrix spike, RPD	1/19/2017	Pesticide	Stirophos (Tetrachlorvinphos)	n/a	=	0.9	%	EPA 525.2m	-88	-88	0	30	
2016/17-4	Lab	method blank	1/23/2017	Pesticide	Terbacil	n/a	<	0.55	µg/L	EPA 525.2	0.55	2			
2016/17-4	Lab	LCS	1/23/2017	Pesticide	Terbacil	n/a	=	4.45	µg/L	EPA 525.2	0.55	2			
2016/17-4	Lab	LCS, rec	1/23/2017	Pesticide	Terbacil	n/a	=	89	%	EPA 525.2	-88	-88	70	135	
2016/17-4	Lab	LCS dup	1/24/2017	Pesticide	Terbacil	n/a	=	5.78	µg/L	EPA 525.2	0.55	2			
2016/17-4	Lab	LCS dup, rec	1/24/2017	Pesticide	Terbacil	n/a	=	116	%	EPA 525.2	-88	-88	70	135	
2016/17-4	Lab	LCS, RPD	1/24/2017	Pesticide	Terbacil	n/a	=	26	%	EPA 525.2	-88	-88	0	30	
2016/17-4	Lab	method blank	1/25/2017	Pesticide	Terbacil	n/a	<	0.55	µg/L	EPA 525.2	0.55	2			
2016/17-4	Lab	LCS	1/25/2017	Pesticide	Terbacil	n/a	=	4.86	µg/L	EPA 525.2	0.55	2			
2016/17-4	Lab	LCS, rec	1/25/2017	Pesticide	Terbacil	n/a	=	97	%	EPA 525.2	-88	-88	70	135	
2016/17-4	Lab	LCS dup	1/25/2017	Pesticide	Terbacil	n/a	=	5.94	µg/L	EPA 525.2	0.55	2			
2016/17-4	Lab	LCS dup, rec	1/25/2017	Pesticide	Terbacil	n/a	=	119	%	EPA 525.2	-88	-88	70	135	
2016/17-4	Lab	LCS, RPD	1/25/2017	Pesticide	Terbacil	n/a	=	20	%	EPA 525.2	-88	-88	0	30	
2016/17-4	Lab	method blank	1/23/2017	Pesticide	Thiobencarb	n/a	<	0.025	µg/L	EPA 525.2	0.025	0.2			
2016/17-4	Lab	LCS	1/23/2017	Pesticide	Thiobencarb	n/a	=	3.97	µg/L	EPA 525.2	0.025	0.2			
2016/17-4	Lab	LCS, rec	1/23/2017	Pesticide	Thiobencarb	n/a	=	79	%	EPA 525.2	-88	-88	56	125	
2016/17-4	Lab	LCS dup	1/24/2017	Pesticide	Thiobencarb	n/a	=	4.02	µg/L	EPA 525.2	0.025	0.2			
2016/17-4	Lab	LCS dup, rec	1/24/2017	Pesticide	Thiobencarb	n/a	=	80	%	EPA 525.2	-88	-88	56	125	
2016/17-4	Lab	LCS, RPD	1/24/2017	Pesticide	Thiobencarb	n/a	=	1	%	EPA 525.2	-88	-88	0	30	
2016/17-4	Lab	method blank	1/25/2017	Pesticide	Thiobencarb	n/a	<	0.025	µg/L	EPA 525.2	0.025	0.2			
2016/17-4	Lab	LCS	1/25/2017	Pesticide	Thiobencarb	n/a	=	3.68	µg/L	EPA 525.2	0.025	0.2			
2016/17-4	Lab	LCS, rec	1/25/2017	Pesticide	Thiobencarb	n/a	=	74	%	EPA 525.2	-88	-88	56	125	
2016/17-4	Lab	LCS dup	1/25/2017	Pesticide	Thiobencarb	n/a	=	3.59	µg/L	EPA 525.2	0.025	0.2			
2016/17-4	Lab	LCS dup, rec	1/25/2017	Pesticide	Thiobencarb	n/a	=	72	%	EPA 525.2	-88	-88	56	125	
2016/17-4	Lab	LCS, RPD	1/25/2017	Pesticide	Thiobencarb	n/a	=	2	%	EPA 525.2	-88	-88	0	30	
2016/17-4	Lab	method blank	1/19/2017	Pesticide	Tokuthion	n/a	<	0.0078	µg/L	EPA 525.2m	0.0078	0.01			
2016/17-4	Lab	LCS	1/19/2017	Pesticide	Tokuthion	n/a	=	0.0391	µg/L	EPA 525.2m	0.0078	0.01			
2016/17-4	Lab	LCS, rec	1/19/2017	Pesticide	Tokuthion	n/a	=	78	%	EPA 525.2m	-88	-88	23	159	
2016/17-4	ME-SCR	matrix spike	1/19/2017	Pesticide	Tokuthion	n/a	=	0.0619	µg/L	EPA 525.2m	0.0078	0.01			
2016/17-4	ME-SCR	matrix spike, rec	1/19/2017	Pesticide	Tokuthion	n/a	=	124	%	EPA 525.2m	-88	-88	27	160	
2016/17-4	ME-SCR	matrix spike dup	1/19/2017	Pesticide	Tokuthion	n/a	=	0.0694	µg/L	EPA 525.2m	0.0078	0.01			
2016/17-4	ME-SCR	matrix spike dup, rec	1/19/2017	Pesticide	Tokuthion	n/a	=	139	%	EPA 525.2m	-88	-88	27	160	
2016/17-4	ME-SCR	matrix spike, RPD	1/19/2017	Pesticide	Tokuthion	n/a	=	11	%	EPA 525.2m	-88	-88	0	30	
2016/17-4	Lab	method blank	1/19/2017	Pesticide	Toxaphene	n/a	<	0.12	µg/L	EPA 608	0.12	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	
2016/17-4	Lab	method blank	1/19/2017	Pesticide	Trichloronate	n/a	<	0.0067	µg/L	EPA 525.2m	0.0067	0.01			
2016/17-4	Lab	LCS	1/19/2017	Pesticide	Trichloronate	n/a	=	0.0609	µg/L	EPA 525.2m	0.0067	0.01			
2016/17-4	Lab	LCS, rec	1/19/2017	Pesticide	Trichloronate	n/a	=	122	%	EPA 525.2m	-88	-88	34	153	
2016/17-4	ME-SCR	matrix spike	1/19/2017	Pesticide	Trichloronate	n/a	=	0.0415	µg/L	EPA 525.2m	0.0067	0.01			
2016/17-4	ME-SCR	matrix spike, rec	1/19/2017	Pesticide	Trichloronate	n/a	=	83	%	EPA 525.2m	-88	-88	40	150	
2016/17-4	ME-SCR	matrix spike dup	1/19/2017	Pesticide	Trichloronate	n/a	=	0.0404	µg/L	EPA 525.2m	0.0067	0.01			
2016/17-4	ME-SCR	matrix spike dup, rec	1/19/2017	Pesticide	Trichloronate	n/a	=	81	%	EPA 525.2m	-88	-88	40	150	
2016/17-4	ME-SCR	matrix spike, RPD	1/19/2017	Pesticide	Trichloronate	n/a	=	3	%	EPA 525.2m	-88	-88	0	30	
2016/17-4	Lab	method blank	1/23/2017	Pesticide	Trithion	n/a	<	0.012	µg/L	EPA 525.2	0.012	0.1			
2016/17-4	Lab	LCS	1/23/2017	Pesticide	Trithion	n/a	=	3.92	µg/L	EPA 525.2	0.012	0.1			
2016/17-4	Lab	LCS, rec	1/23/2017	Pesticide	Trithion	n/a	=	78	%	EPA 525.2	-88	-88	60	124	
2016/17-4	Lab	LCS dup	1/24/2017	Pesticide	Trithion	n/a	=	4.15	µg/L	EPA 525.2	0.012	0.1			
2016/17-4	Lab	LCS dup, rec	1/24/2017	Pesticide	Trithion	n/a	=	83	%	EPA 525.2	-88	-88	60	124	
2016/17-4	Lab	LCS, RPD	1/24/2017	Pesticide	Trithion	n/a	=	6	%	EPA 525.2	-88	-88	0	30	
2016/17-4	Lab	method blank	1/25/2017	Pesticide	Trithion	n/a	<	0.012	µg/L	EPA 525.2	0.012	0.1			
2016/17-4	Lab	LCS	1/25/2017	Pesticide	Trithion	n/a	=	3.89	µg/L	EPA 525.2	0.012	0.1			
2016/17-4	Lab	LCS, rec	1/25/2017	Pesticide	Trithion	n/a	=	78	%	EPA 525.2	-88	-88	60	124	
2016/17-4	Lab	LCS dup	1/25/2017	Pesticide	Trithion	n/a	=	3.91	µg/L	EPA 525.2	0.012	0.1			
2016/17-4	Lab	LCS dup, rec	1/25/2017	Pesticide	Trithion	n/a	=	78	%	EPA 525.2	-88	-88	60	124	
2016/17-4	Lab	LCS, RPD	1/25/2017	Pesticide	Trithion	n/a	=	0.5	%	EPA 525.2	-88	-88	0	30	
2016/17-5	000NONPJ	matrix spike	1/23/2017	Anion	Chloride	n/a	=	114	mg/L	EPA 300.0	1	5			
2016/17-5	000NONPJ	matrix spike	1/23/2017	Anion	Chloride	n/a	=	130	mg/L	EPA 300.0	1	5			
2016/17-5	000NONPJ	matrix spike dup	1/23/2017	Anion	Chloride	n/a	=	130	mg/L	EPA 300.0	1	5			
2016/17-5	000NONPJ	matrix spike dup	1/23/2017	Anion	Chloride	n/a	=	114	mg/L	EPA 300.0	1	5			
2016/17-5	000NONPJ	matrix spike dup, rec	1/23/2017	Anion	Chloride	n/a	=	101	%	EPA 300.0	-88	-88	76	118	
2016/17-5	000NONPJ	matrix spike dup, rec	1/23/2017	Anion	Chloride	n/a	=	102	%	EPA 300.0	-88	-88	76	118	
2016/17-5	000NONPJ	matrix spike, rec	1/23/2017	Anion	Chloride	n/a	=	102	%	EPA 300.0	-88	-88	76	118	
2016/17-5	000NONPJ	matrix spike, rec	1/23/2017	Anion	Chloride	n/a	=	101	%	EPA 300.0	-88	-88	76	118	
2016/17-5	000NONPJ	matrix spike, RPD	1/23/2017	Anion	Chloride	n/a	=	0.09	%	EPA 300.0	-88	-88	0	20	
2016/17-5	000NONPJ	matrix spike, RPD	1/23/2017	Anion	Chloride	n/a	=	0.05	%	EPA 300.0	-88	-88	0	20	
2016/17-5	Lab	LCS	1/23/2017	Anion	Chloride	n/a	=	10.2	mg/L	EPA 300.0	0.1	0.5			
2016/17-5	Lab	LCS, rec	1/23/2017	Anion	Chloride	n/a	=	102	%	EPA 300.0	-88	-88	90	110	
2016/17-5	Lab	method blank	1/23/2017	Anion	Chloride	n/a	<	0.1	mg/L	EPA 300.0	0.1	0.5			
2016/17-5	000NONPJ	matrix spike	1/23/2017	Anion	Fluoride	n/a	=	5.56	mg/L	EPA 300.0	0.2	1			
2016/17-5	000NONPJ	matrix spike	1/23/2017	Anion	Fluoride	n/a	=	5.22	mg/L	EPA 300.0	0.2	1			
2016/17-5	000NONPJ	matrix spike dup	1/23/2017	Anion	Fluoride	n/a	=	5.22	mg/L	EPA 300.0	0.2	1			
2016/17-5	000NONPJ	matrix spike dup	1/23/2017	Anion	Fluoride	n/a	=	5.52	mg/L	EPA 300.0	0.2	1			
2016/17-5	000NONPJ	matrix spike dup, rec	1/23/2017	Anion	Fluoride	n/a	=	100	%	EPA 300.0	-88	-88	86	107	
2016/17-5	000NONPJ	matrix spike dup, rec	1/23/2017	Anion	Fluoride	n/a	=	96	%	EPA 300.0	-88	-88	86	107	
2016/17-5	000NONPJ	matrix spike, rec	1/23/2017	Anion	Fluoride	n/a	=	101	%	EPA 300.0	-88	-88	86	107	
2016/17-5	000NONPJ	matrix spike, rec	1/23/2017	Anion	Fluoride	n/a	=	96	%	EPA 300.0	-88	-88	86	107	
2016/17-5	000NONPJ	matrix spike, RPD	1/23/2017	Anion	Fluoride	n/a	=	0	%	EPA 300.0	-88	-88	0	20	
2016/17-5	000NONPJ	matrix spike, RPD	1/23/2017	Anion	Fluoride	n/a	=	0.7	%	EPA 300.0	-88	-88	0	20	
2016/17-5	Lab	LCS	1/23/2017	Anion	Fluoride	n/a	=	0.495	mg/L	EPA 300.0	0.02	0.1			
2016/17-5	Lab	LCS, rec	1/23/2017	Anion	Fluoride	n/a	=	99	%	EPA 300.0	-88	-88	90	110	
2016/17-5	Lab	method blank	1/23/2017	Anion	Fluoride	n/a	<	0.02	mg/L	EPA 300.0	0.02	0.1			
2016/17-5	000NONPJ	matrix spike	1/26/2017	Anion	Perchlorate	n/a	=	8.41	µg/L	EPA 314.0	0.95	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	
2016/17-5	000NONPJ	matrix spike, rec	1/26/2017	Anion	Perchlorate	n/a	=	84	%	EPA 314.0	-88	-88	80	120	
2016/17-5	000NONPJ	matrix spike dup	1/26/2017	Anion	Perchlorate	n/a	=	9.01	µg/L	EPA 314.0	0.95	2			
2016/17-5	000NONPJ	matrix spike dup, rec	1/26/2017	Anion	Perchlorate	n/a	=	90	%	EPA 314.0	-88	-88	80	120	
2016/17-5	000NONPJ	matrix spike, RPD	1/26/2017	Anion	Perchlorate	n/a	=	7	%	EPA 314.0	-88	-88	0	15	
2016/17-5	Lab	method blank	1/26/2017	Anion	Perchlorate	n/a	<	0.95	µg/L	EPA 314.0	0.95	2			
2016/17-5	Lab	LCS	1/26/2017	Anion	Perchlorate	n/a	=	9.4	µg/L	EPA 314.0	0.95	2			
2016/17-5	Lab	LCS, rec	1/26/2017	Anion	Perchlorate	n/a	=	94	%	EPA 314.0	-88	-88	85	115	
2016/17-5	000NONPJ	matrix spike	1/23/2017	Anion	Sulfate	Total	=	144	mg/L	EPA 300.0	1	5			
2016/17-5	000NONPJ	matrix spike	1/23/2017	Anion	Sulfate	Total	=	137	mg/L	EPA 300.0	1	5			
2016/17-5	000NONPJ	matrix spike dup	1/23/2017	Anion	Sulfate	Total	=	144	mg/L	EPA 300.0	1	5			
2016/17-5	000NONPJ	matrix spike dup	1/23/2017	Anion	Sulfate	Total	=	137	mg/L	EPA 300.0	1	5			
2016/17-5	000NONPJ	matrix spike dup, rec	1/23/2017	Anion	Sulfate	Total	=	99	%	EPA 300.0	-88	-88	78	111	
2016/17-5	000NONPJ	matrix spike dup, rec	1/23/2017	Anion	Sulfate	Total	=	101	%	EPA 300.0	-88	-88	78	111	
2016/17-5	000NONPJ	matrix spike, rec	1/23/2017	Anion	Sulfate	Total	=	100	%	EPA 300.0	-88	-88	78	111	
2016/17-5	000NONPJ	matrix spike, rec	1/23/2017	Anion	Sulfate	Total	=	99	%	EPA 300.0	-88	-88	78	111	
2016/17-5	000NONPJ	matrix spike, RPD	1/23/2017	Anion	Sulfate	Total	=	0.3	%	EPA 300.0	-88	-88	0	20	
2016/17-5	000NONPJ	matrix spike, RPD	1/23/2017	Anion	Sulfate	Total	=	0.007	%	EPA 300.0	-88	-88	0	20	
2016/17-5	Lab	LCS	1/23/2017	Anion	Sulfate	Total	=	10.1	mg/L	EPA 300.0	0.1	0.5			
2016/17-5	Lab	LCS, rec	1/23/2017	Anion	Sulfate	Total	=	100	%	EPA 300.0	-88	-88	90	110	
2016/17-5	Lab	method blank	1/23/2017	Anion	Sulfate	Total	<	0.1	mg/L	EPA 300.0	0.1	0.5			
2016/17-5	Lab	method blank	1/30/2017	Cation	Calcium	Total	<	0.016	mg/L	EPA 200.7	0.016	0.1			
2016/17-5	Lab	LCS	1/30/2017	Cation	Calcium	Total	=	49.5	mg/L	EPA 200.7	0.016	0.1			
2016/17-5	Lab	LCS, rec	1/30/2017	Cation	Calcium	Total	=	99	%	EPA 200.7	-88	-88	85	115	
2016/17-5	MO-CAM	matrix spike	1/30/2017	Cation	Calcium	Total	=	54	mg/L	EPA 200.7	0.016	0.1			
2016/17-5	MO-CAM	matrix spike, rec	1/30/2017	Cation	Calcium	Total	=	96	%	EPA 200.7	-88	-88	70	130	
2016/17-5	MO-CAM	matrix spike dup	1/30/2017	Cation	Calcium	Total	=	53.8	mg/L	EPA 200.7	0.016	0.1			
2016/17-5	MO-CAM	matrix spike dup, rec	1/30/2017	Cation	Calcium	Total	=	95	%	EPA 200.7	-88	-88	70	130	
2016/17-5	MO-CAM	matrix spike, RPD	1/30/2017	Cation	Calcium	Total	=	0.4	%	EPA 200.7	-88	-88	0	30	
2016/17-5	Lab	method blank	1/30/2017	Cation	Magnesium	Total	<	0.012	mg/L	EPA 200.7	0.012	0.1			
2016/17-5	Lab	LCS	1/30/2017	Cation	Magnesium	Total	=	50.7	mg/L	EPA 200.7	0.012	0.1			
2016/17-5	Lab	LCS, rec	1/30/2017	Cation	Magnesium	Total	=	101	%	EPA 200.7	-88	-88	85	115	
2016/17-5	MO-CAM	matrix spike	1/30/2017	Cation	Magnesium	Total	=	50.7	mg/L	EPA 200.7	0.012	0.1			
2016/17-5	MO-CAM	matrix spike, rec	1/30/2017	Cation	Magnesium	Total	=	98	%	EPA 200.7	-88	-88	70	130	
2016/17-5	MO-CAM	matrix spike dup	1/30/2017	Cation	Magnesium	Total	=	50.6	mg/L	EPA 200.7	0.012	0.1			
2016/17-5	MO-CAM	matrix spike dup, rec	1/30/2017	Cation	Magnesium	Total	=	98	%	EPA 200.7	-88	-88	70	130	
2016/17-5	MO-CAM	matrix spike, RPD	1/30/2017	Cation	Magnesium	Total	=	0.1	%	EPA 200.7	-88	-88	0	30	
2016/17-5	Lab	method blank	1/30/2017	Cation	Potassium	Total	<	0.081	mg/L	EPA 200.7	0.081	0.1			
2016/17-5	Lab	LCS	1/30/2017	Cation	Potassium	Total	=	50.9	mg/L	EPA 200.7	0.081	0.1			
2016/17-5	Lab	LCS, rec	1/30/2017	Cation	Potassium	Total	=	101	%	EPA 200.7	-88	-88	85	115	
2016/17-5	MO-CAM	matrix spike	1/30/2017	Cation	Potassium	Total	=	51.4	mg/L	EPA 200.7	0.081	0.1			
2016/17-5	MO-CAM	matrix spike, rec	1/30/2017	Cation	Potassium	Total	=	99	%	EPA 200.7	-88	-88	70	130	
2016/17-5	MO-CAM	matrix spike dup	1/30/2017	Cation	Potassium	Total	=	51.4	mg/L	EPA 200.7	0.081	0.1			
2016/17-5	MO-CAM	matrix spike dup, rec	1/30/2017	Cation	Potassium	Total	=	99	%	EPA 200.7	-88	-88	70	130	
2016/17-5	MO-CAM	matrix spike, RPD	1/30/2017	Cation	Potassium	Total	=	0.06	%	EPA 200.7	-88	-88	0	30	
2016/17-5	Lab	method blank	1/30/2017	Cation	Sodium	Total	<	0.015	mg/L	EPA 200.7	0.015	0.5			
2016/17-5	Lab	LCS	1/30/2017	Cation	Sodium	Total	=	48.8	mg/L	EPA 200.7	0.015	0.5			
2016/17-5	Lab	LCS, rec	1/30/2017	Cation	Sodium	Total	=	97	%	EPA 200.7	-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	
2016/17-5	MO-CAM	matrix spike	1/30/2017	Cation	Sodium	Total	=	52.2	mg/L	EPA 200.7	0.015	0.5			
2016/17-5	MO-CAM	matrix spike, rec	1/30/2017	Cation	Sodium	Total	=	95	%	EPA 200.7	-88	-88	70	130	
2016/17-5	MO-CAM	matrix spike dup	1/30/2017	Cation	Sodium	Total	=	52	mg/L	EPA 200.7	0.015	0.5			
2016/17-5	MO-CAM	matrix spike dup, rec	1/30/2017	Cation	Sodium	Total	=	95	%	EPA 200.7	-88	-88	70	130	
2016/17-5	MO-CAM	matrix spike, RPD	1/30/2017	Cation	Sodium	Total	=	0.5	%	EPA 200.7	-88	-88	0	30	
2016/17-5	000NONPJ	lab duplicate	2/1/2017	Conventional	Alkalinity as CaCO3	n/a	=	22.8	mg/L	SM 2320 B	0.56	2		15	
2016/17-5	Lab	LCS	1/29/2017	Conventional	Alkalinity as CaCO3	n/a	=	251	mg/L	SM 2320 B	0.56	10			
2016/17-5	Lab	LCS, rec	1/29/2017	Conventional	Alkalinity as CaCO3	n/a	=	100	%	SM 2320 B	-88	-88	94	108	
2016/17-5	Lab	method blank	1/29/2017	Conventional	Alkalinity as CaCO3	n/a	DNQ	3.37	mg/L	SM 2320 B	0.56	10			IP
2016/17-5	Lab	LCS	2/1/2017	Conventional	Alkalinity as CaCO3	n/a	=	249	mg/L	SM 2320 B	0.56	2			
2016/17-5	Lab	LCS, rec	2/1/2017	Conventional	Alkalinity as CaCO3	n/a	=	100	%	SM 2320 B	-88	-88	94	108	
2016/17-5	Lab	method blank	2/1/2017	Conventional	Alkalinity as CaCO3	n/a	DNQ	1.03	mg/L	SM 2320 B	0.56	2			IP
2016/17-5	ME-VR2	lab duplicate	1/29/2017	Conventional	Alkalinity as CaCO3	n/a	=	295	mg/L	SM 2320 B	0.56	10		15	
2016/17-5	000NONPJ	lab duplicate	1/31/2017	Conventional	BOD	n/a	<	2	mg/L	SM 5210 B	2	2		20	
2016/17-5	Lab	LCS	1/31/2017	Conventional	BOD	n/a	=	202	mg/L	SM 5210 B	2	2			
2016/17-5	Lab	LCS, rec	1/31/2017	Conventional	BOD	n/a	=	102	%	SM 5210 B	-88	-88	85	115	
2016/17-5	000NONPJ	lab duplicate	1/26/2017	Conventional	COD	n/a	=	618	mg/L	EPA 410.4	1.5	10		15	
2016/17-5	Lab	LCS	1/26/2017	Conventional	COD	n/a	=	108	mg/L	EPA 410.4	0.73	5			
2016/17-5	Lab	LCS, rec	1/26/2017	Conventional	COD	n/a	=	108	%	EPA 410.4	-88	-88	90	110	
2016/17-5	Lab	method blank	1/26/2017	Conventional	COD	n/a	DNQ	2.88	mg/L	EPA 410.4	0.73	5			IP
2016/17-5	ME-VR2	matrix spike	1/26/2017	Conventional	COD	n/a	=	236	mg/L	EPA 410.4	1.5	10			
2016/17-5	ME-VR2	matrix spike dup	1/26/2017	Conventional	COD	n/a	=	231	mg/L	EPA 410.4	1.5	10			
2016/17-5	ME-VR2	matrix spike dup, rec	1/26/2017	Conventional	COD	n/a	=	103	%	EPA 410.4	-88	-88	90	110	
2016/17-5	ME-VR2	matrix spike, rec	1/26/2017	Conventional	COD	n/a	=	106	%	EPA 410.4	-88	-88	90	110	
2016/17-5	ME-VR2	matrix spike, RPD	1/26/2017	Conventional	COD	n/a	=	2	%	EPA 410.4	-88	-88	0	15	
2016/17-5	000NONPJ	matrix spike	1/31/2017	Conventional	Cyanide	Total	=	0.0552	mg/L	ASTM D7511	0.0005	0.002			
2016/17-5	000NONPJ	matrix spike dup	1/31/2017	Conventional	Cyanide	Total	=	0.0563	mg/L	ASTM D7511	0.0005	0.002			
2016/17-5	000NONPJ	matrix spike dup, rec	1/31/2017	Conventional	Cyanide	Total	=	105	%	ASTM D7511	-88	-88	64	136	
2016/17-5	000NONPJ	matrix spike, rec	1/31/2017	Conventional	Cyanide	Total	=	103	%	ASTM D7511	-88	-88	64	136	
2016/17-5	000NONPJ	matrix spike, RPD	1/31/2017	Conventional	Cyanide	Total	=	2	%	ASTM D7511	-88	-88	0	47	
2016/17-5	000NONPJ	matrix spike	2/2/2017	Conventional	Cyanide	Total	=	0.0494	mg/L	ASTM D7511	0.0005	0.002			
2016/17-5	000NONPJ	matrix spike	2/2/2017	Conventional	Cyanide	Total	=	0.0525	mg/L	ASTM D7511	0.0005	0.002			
2016/17-5	000NONPJ	matrix spike dup	2/2/2017	Conventional	Cyanide	Total	=	0.0532	mg/L	ASTM D7511	0.0005	0.002			
2016/17-5	000NONPJ	matrix spike dup	2/2/2017	Conventional	Cyanide	Total	=	0.0499	mg/L	ASTM D7511	0.0005	0.002			
2016/17-5	000NONPJ	matrix spike dup, rec	2/2/2017	Conventional	Cyanide	Total	=	99	%	ASTM D7511	-88	-88	64	136	
2016/17-5	000NONPJ	matrix spike dup, rec	2/2/2017	Conventional	Cyanide	Total	=	104	%	ASTM D7511	-88	-88	64	136	
2016/17-5	000NONPJ	matrix spike, rec	2/2/2017	Conventional	Cyanide	Total	=	103	%	ASTM D7511	-88	-88	64	136	
2016/17-5	000NONPJ	matrix spike, rec	2/2/2017	Conventional	Cyanide	Total	=	98	%	ASTM D7511	-88	-88	64	136	
2016/17-5	000NONPJ	matrix spike, RPD	2/2/2017	Conventional	Cyanide	Total	=	0.8	%	ASTM D7511	-88	-88	0	47	
2016/17-5	000NONPJ	matrix spike, RPD	2/2/2017	Conventional	Cyanide	Total	=	1	%	ASTM D7511	-88	-88	0	47	
2016/17-5	Lab	LCS	1/31/2017	Conventional	Cyanide	Total	=	0.05	mg/L	ASTM D7511	0.0005	0.002			
2016/17-5	Lab	LCS, rec	1/31/2017	Conventional	Cyanide	Total	=	100	%	ASTM D7511	-88	-88	84	116	
2016/17-5	Lab	method blank	1/31/2017	Conventional	Cyanide	Total	<	0.0005	mg/L	ASTM D7511	0.0005	0.002			
2016/17-5	Lab	LCS	2/2/2017	Conventional	Cyanide	Total	=	0.0517	mg/L	ASTM D7511	0.0005	0.002			
2016/17-5	Lab	LCS, rec	2/2/2017	Conventional	Cyanide	Total	=	103	%	ASTM D7511	-88	-88	84	116	
2016/17-5	Lab	method blank	2/2/2017	Conventional	Cyanide	Total	<	0.0005	mg/L	ASTM D7511	0.0005	0.002			
2016/17-5	Lab	LCS	1/31/2017	Conventional	Dissolved Inorganic Carbon	Dissolved	=	5.14	mg/L	SM 5310 C	0.5	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	
2016/17-5	Lab	LCS, rec	1/31/2017	Conventional	Dissolved Inorganic Carbon	Dissolved	=	103	%	SM 5310 C	-88	-88	85	115	
2016/17-5	Lab	method blank	1/31/2017	Conventional	Dissolved Inorganic Carbon	Dissolved	<	0.5	mg/L	SM 5310 C	0.5	0.5			
2016/17-5	MO-OJA	matrix spike	1/31/2017	Conventional	Dissolved Inorganic Carbon	Dissolved	=	8.96	mg/L	SM 5310 C	0.5	0.5			
2016/17-5	MO-OJA	matrix spike dup	1/31/2017	Conventional	Dissolved Inorganic Carbon	Dissolved	=	10.3	mg/L	SM 5310 C	0.5	0.5			GB
2016/17-5	MO-OJA	matrix spike dup, rec	1/31/2017	Conventional	Dissolved Inorganic Carbon	Dissolved	=	127	%	SM 5310 C	-88	-88	80	116	GB
2016/17-5	MO-OJA	matrix spike, rec	1/31/2017	Conventional	Dissolved Inorganic Carbon	Dissolved	=	100	%	SM 5310 C	-88	-88	80	116	
2016/17-5	MO-OJA	matrix spike, RPD	1/31/2017	Conventional	Dissolved Inorganic Carbon	Dissolved	=	14	%	SM 5310 C	-88	-88	0	20	GB
2016/17-5	Lab	LCS	1/30/2017	Conventional	Dissolved Organic Carbon	Dissolved	=	4.89	mg/L	SM 5310 C	0.013	0.3			
2016/17-5	Lab	LCS, rec	1/30/2017	Conventional	Dissolved Organic Carbon	Dissolved	=	98	%	SM 5310 C	-88	-88	85	115	
2016/17-5	Lab	method blank	1/30/2017	Conventional	Dissolved Organic Carbon	Dissolved	DNQ	0.043	mg/L	SM 5310 C	0.013	0.3			IP
2016/17-5	Lab	LCS	2/1/2017	Conventional	Dissolved Organic Carbon	Dissolved	=	10.1	mg/L	SM 5310 C	0.013	0.3			
2016/17-5	Lab	LCS, rec	2/1/2017	Conventional	Dissolved Organic Carbon	Dissolved	=	101	%	SM 5310 C	-88	-88	85	115	
2016/17-5	Lab	method blank	2/1/2017	Conventional	Dissolved Organic Carbon	Dissolved	DNQ	0.0823	mg/L	SM 5310 C	0.013	0.3			IP
2016/17-5	ME-SCR	matrix spike	1/30/2017	Conventional	Dissolved Organic Carbon	Dissolved	=	11	mg/L	SM 5310 C	0.013	0.3			
2016/17-5	ME-SCR	matrix spike dup	1/30/2017	Conventional	Dissolved Organic Carbon	Dissolved	=	10.7	mg/L	SM 5310 C	0.013	0.3			
2016/17-5	ME-SCR	matrix spike dup, rec	1/30/2017	Conventional	Dissolved Organic Carbon	Dissolved	=	97	%	SM 5310 C	-88	-88	75	113	
2016/17-5	ME-SCR	matrix spike, rec	1/30/2017	Conventional	Dissolved Organic Carbon	Dissolved	=	103	%	SM 5310 C	-88	-88	75	113	
2016/17-5	ME-SCR	matrix spike, RPD	1/30/2017	Conventional	Dissolved Organic Carbon	Dissolved	=	3	%	SM 5310 C	-88	-88	0	20	
2016/17-5	000NONPJ	matrix spike	1/20/2017	Conventional	MBAS	n/a	=	0.286	mg/L	SM 5540 C	0.019	0.05			
2016/17-5	000NONPJ	matrix spike dup	1/20/2017	Conventional	MBAS	n/a	=	0.309	mg/L	SM 5540 C	0.019	0.05			
2016/17-5	000NONPJ	matrix spike dup, rec	1/20/2017	Conventional	MBAS	n/a	=	109	%	SM 5540 C	-88	-88	74	123	
2016/17-5	000NONPJ	matrix spike, rec	1/20/2017	Conventional	MBAS	n/a	=	98	%	SM 5540 C	-88	-88	74	123	
2016/17-5	000NONPJ	matrix spike, RPD	1/20/2017	Conventional	MBAS	n/a	=	8	%	SM 5540 C	-88	-88	0	20	
2016/17-5	Lab	LCS	1/20/2017	Conventional	MBAS	n/a	=	0.188	mg/L	SM 5540 C	0.019	0.05			
2016/17-5	Lab	LCS, rec	1/20/2017	Conventional	MBAS	n/a	=	94	%	SM 5540 C	-88	-88	82	115	
2016/17-5	Lab	method blank	1/20/2017	Conventional	MBAS	n/a	<	0.019	mg/L	SM 5540 C	0.019	0.05			
2016/17-5	Lab	method blank	1/27/2017	Conventional	Phenolics	n/a	<	0.0042	mg/L	EPA 420.4	0.0042	0.01			
2016/17-5	Lab	LCS	1/27/2017	Conventional	Phenolics	n/a	=	0.098	mg/L	EPA 420.4	0.0042	0.01			
2016/17-5	Lab	LCS, rec	1/27/2017	Conventional	Phenolics	n/a	=	98	%	EPA 420.4	-88	-88	90	110	
2016/17-5	ME-VR2	matrix spike	1/27/2017	Conventional	Phenolics	n/a	=	0.245	mg/L	EPA 420.4	0.0042	0.01			
2016/17-5	ME-VR2	matrix spike, rec	1/27/2017	Conventional	Phenolics	n/a	=	98	%	EPA 420.4	-88	-88	90	110	
2016/17-5	ME-VR2	matrix spike dup	1/27/2017	Conventional	Phenolics	n/a	=	0.248	mg/L	EPA 420.4	0.0042	0.01			
2016/17-5	ME-VR2	matrix spike dup, rec	1/27/2017	Conventional	Phenolics	n/a	=	99	%	EPA 420.4	-88	-88	90	110	
2016/17-5	ME-VR2	matrix spike, RPD	1/27/2017	Conventional	Phenolics	n/a	=	1	%	EPA 420.4	-88	-88	0	20	
2016/17-5	000NONPJ	lab duplicate	1/23/2017	Conventional	Specific Conductance	n/a	=	67.6	µmhos/cm	SM 2510 B	0.23	2		4.28	
2016/17-5	000NONPJ	lab duplicate	1/28/2017	Conventional	Specific Conductance	n/a	=	29.8	µmhos/cm	SM 2510 B	0.23	2		4.28	
2016/17-5	Lab	LCS	1/23/2017	Conventional	Specific Conductance	n/a	=	195	µmhos/cm	SM 2510 B	0.23	2			
2016/17-5	Lab	LCS, rec	1/23/2017	Conventional	Specific Conductance	n/a	=	98	%	SM 2510 B	-88	-88	95	105	
2016/17-5	Lab	method blank	1/23/2017	Conventional	Specific Conductance	n/a	DNQ	0.59	µmhos/cm	SM 2510 B	0.23	2			IP
2016/17-5	Lab	LCS	1/28/2017	Conventional	Specific Conductance	n/a	=	204	µmhos/cm	SM 2510 B	0.23	2			
2016/17-5	Lab	LCS, rec	1/28/2017	Conventional	Specific Conductance	n/a	=	102	%	SM 2510 B	-88	-88	95	105	
2016/17-5	Lab	method blank	1/28/2017	Conventional	Specific Conductance	n/a	DNQ	0.92	µmhos/cm	SM 2510 B	0.23	2			IP
2016/17-5	000NONPJ	lab duplicate	1/24/2017	Conventional	Total Dissolved Solids	n/a	=	846	mg/L	SM 2540 C	4	10		10	
2016/17-5	000NONPJ	lab duplicate	1/25/2017	Conventional	Total Dissolved Solids	n/a	=	63	mg/L	SM 2540 C	4	10		10	
2016/17-5	000NONPJ	lab duplicate	1/25/2017	Conventional	Total Dissolved Solids	n/a	=	288	mg/L	SM 2540 C	4	10		10	
2016/17-5	Lab	LCS	1/24/2017	Conventional	Total Dissolved Solids	n/a	=	797	mg/L	SM 2540 C	4	10			
2016/17-5	Lab	LCS, rec	1/24/2017	Conventional	Total Dissolved Solids	n/a	=	97	%	SM 2540 C	-88	-88	96	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	
2016/17-5	Lab	method blank	1/24/2017	Conventional	Total Dissolved Solids	n/a	<	4	mg/L	SM 2540 C	4	10			
2016/17-5	Lab	LCS	1/25/2017	Conventional	Total Dissolved Solids	n/a	=	815	mg/L	SM 2540 C	4	10			
2016/17-5	Lab	LCS, rec	1/25/2017	Conventional	Total Dissolved Solids	n/a	=	99	%	SM 2540 C	-88	-88	96	102	
2016/17-5	Lab	method blank	1/25/2017	Conventional	Total Dissolved Solids	n/a	<	4	mg/L	SM 2540 C	4	10			
2016/17-5	ME-VR2	lab duplicate	1/24/2017	Conventional	Total Dissolved Solids	n/a	=	1100	mg/L	SM 2540 C	4	10		10	
2016/17-5	000NONPJ	matrix spike	1/24/2017	Conventional	Total Organic Carbon	n/a	=	8.5	mg/L	SM 5310 C	0.009	0.3			
2016/17-5	000NONPJ	matrix spike dup	1/24/2017	Conventional	Total Organic Carbon	n/a	=	9.18	mg/L	SM 5310 C	0.009	0.3			
2016/17-5	000NONPJ	matrix spike dup, rec	1/24/2017	Conventional	Total Organic Carbon	n/a	=	111	%	SM 5310 C	-88	-88	80	116	
2016/17-5	000NONPJ	matrix spike, rec	1/24/2017	Conventional	Total Organic Carbon	n/a	=	97	%	SM 5310 C	-88	-88	80	116	
2016/17-5	000NONPJ	matrix spike, RPD	1/24/2017	Conventional	Total Organic Carbon	n/a	=	8	%	SM 5310 C	-88	-88	0	20	
2016/17-5	Lab	LCS	1/24/2017	Conventional	Total Organic Carbon	n/a	=	5.06	mg/L	SM 5310 C	0.009	0.3			
2016/17-5	Lab	LCS	1/24/2017	Conventional	Total Organic Carbon	n/a	=	10.5	mg/L	SM 5310 C	0.009	0.3			
2016/17-5	Lab	LCS, rec	1/24/2017	Conventional	Total Organic Carbon	n/a	=	105	%	SM 5310 C	-88	-88	85	115	
2016/17-5	Lab	LCS, rec	1/24/2017	Conventional	Total Organic Carbon	n/a	=	101	%	SM 5310 C	-88	-88	85	115	
2016/17-5	Lab	method blank	1/24/2017	Conventional	Total Organic Carbon	n/a	DNQ	0.0571	mg/L	SM 5310 C	0.009	0.3			IP
2016/17-5	Lab	method blank	1/24/2017	Conventional	Total Organic Carbon	n/a	DNQ	0.0985	mg/L	SM 5310 C	0.009	0.3			IP
2016/17-5	000NONPJ	lab duplicate	1/20/2017	Conventional	Total Suspended Solids	n/a	=	62	mg/L	SM 2540 D	-88	5		20	
2016/17-5	000NONPJ	lab duplicate	1/20/2017	Conventional	Total Suspended Solids	n/a	=	354	mg/L	SM 2540 D	-88	5		20	
2016/17-5	Lab	LCS	1/20/2017	Conventional	Total Suspended Solids	n/a	=	248	mg/L	SM 2540 D	-88	5			
2016/17-5	Lab	LCS, rec	1/20/2017	Conventional	Total Suspended Solids	n/a	=	104	%	SM 2540 D	-88	-88	90	110	
2016/17-5	Lab	method blank	1/20/2017	Conventional	Total Suspended Solids	n/a	<	5	mg/L	SM 2540 D	-88	5			
2016/17-5	Lab	LCS	1/20/2017	Conventional	Turbidity	n/a	=	7.32	NTU	EPA 180.1	0.024	0.1			
2016/17-5	Lab	LCS, rec	1/20/2017	Conventional	Turbidity	n/a	=	99	%	EPA 180.1	-88	-88	90	110	
2016/17-5	Lab	method blank	1/20/2017	Conventional	Turbidity	n/a	<	0.024	NTU	EPA 180.1	0.024	0.1			
2016/17-5	MO-CAM	lab duplicate	1/20/2017	Conventional	Turbidity	n/a	=	17.2	NTU	EPA 180.1	0.024	0.1		10	
2016/17-5	000NONPJ	lab duplicate	1/20/2017	Conventional	Volatile Suspended Solids	n/a	=	62	mg/L	EPA 160.4	3.1	5		15	
2016/17-5	000NONPJ	lab duplicate	1/20/2017	Conventional	Volatile Suspended Solids	n/a	=	66	mg/L	EPA 160.4	3.1	5		15	
2016/17-5	Lab	method blank	1/20/2017	Conventional	Volatile Suspended Solids	n/a	<	3.1	mg/L	EPA 160.4	3.1	5			
2016/17-5	Lab	method blank	1/30/2017	Hydrocarbon	Diesel Range Organics	n/a	DNQ	0.0456	mg/L	EPA 8015D	0.024	0.1			IP
2016/17-5	Lab	LCS	1/30/2017	Hydrocarbon	Diesel Range Organics	n/a	=	0.458	mg/L	EPA 8015D	0.024	0.1			
2016/17-5	Lab	LCS, rec	1/30/2017	Hydrocarbon	Diesel Range Organics	n/a	=	92	%	EPA 8015D	-88	-88	56	136	
2016/17-5	Lab	method blank	2/1/2017	Hydrocarbon	Diesel Range Organics	n/a	DNQ	0.0547	mg/L	EPA 8015D	0.024	0.1			IP
2016/17-5	Lab	LCS	2/1/2017	Hydrocarbon	Diesel Range Organics	n/a	=	0.489	mg/L	EPA 8015D	0.024	0.1			
2016/17-5	Lab	LCS, rec	2/1/2017	Hydrocarbon	Diesel Range Organics	n/a	=	98	%	EPA 8015D	-88	-88	56	136	
2016/17-5	Lab	LCS dup	2/1/2017	Hydrocarbon	Diesel Range Organics	n/a	=	0.496	mg/L	EPA 8015D	0.024	0.1			
2016/17-5	Lab	LCS dup, rec	2/1/2017	Hydrocarbon	Diesel Range Organics	n/a	=	99	%	EPA 8015D	-88	-88	56	136	
2016/17-5	Lab	LCS, RPD	2/1/2017	Hydrocarbon	Diesel Range Organics	n/a	=	1	%	EPA 8015D	-88	-88	0	25	
2016/17-5	Lab	LCS	1/20/2017	Hydrocarbon	Gasoline Range Organics	n/a	=	1.11	mg/L	EPA 8015D	0.044	0.1			
2016/17-5	Lab	LCS, rec	1/20/2017	Hydrocarbon	Gasoline Range Organics	n/a	=	111	%	EPA 8015D	-88	-88	75	123	
2016/17-5	Lab	LCS dup	1/20/2017	Hydrocarbon	Gasoline Range Organics	n/a	=	1.14	mg/L	EPA 8015D	0.044	0.1			
2016/17-5	Lab	LCS dup, rec	1/20/2017	Hydrocarbon	Gasoline Range Organics	n/a	=	114	%	EPA 8015D	-88	-88	75	123	
2016/17-5	Lab	LCS, RPD	1/20/2017	Hydrocarbon	Gasoline Range Organics	n/a	=	3	%	EPA 8015D	-88	-88	0	25	
2016/17-5	Lab	method blank	1/20/2017	Hydrocarbon	Gasoline Range Organics	n/a	<	0.044	mg/L	EPA 8015D	0.044	0.1			
2016/17-5	Lab	srgt method blank	1/30/2017	Hydrocarbon	n-Tetracosane	n/a	=	0.286	mg/L	EPA 8015D	-88	-88			
2016/17-5	Lab	srgt method blank, rec	1/30/2017	Hydrocarbon	n-Tetracosane	n/a	=	114	%	EPA 8015D	-88	-88	64	155	
2016/17-5	Lab	srgt LCS	1/30/2017	Hydrocarbon	n-Tetracosane	n/a	=	0.29	mg/L	EPA 8015D	-88	-88			
2016/17-5	Lab	srgt LCS, rec	1/30/2017	Hydrocarbon	n-Tetracosane	n/a	=	116	%	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	
2016/17-5	Lab	srgt method blank	2/1/2017	Hydrocarbon	n-Tetracosane	n/a	=	0.236	mg/L	EPA 8015D	-88	-88			
2016/17-5	Lab	srgt method blank, rec	2/1/2017	Hydrocarbon	n-Tetracosane	n/a	=	94	%	EPA 8015D	-88	-88	64	155	
2016/17-5	Lab	srgt LCS	2/1/2017	Hydrocarbon	n-Tetracosane	n/a	=	0.262	mg/L	EPA 8015D	-88	-88			
2016/17-5	Lab	srgt LCS, rec	2/1/2017	Hydrocarbon	n-Tetracosane	n/a	=	105	%	EPA 8015D	-88	-88	64	155	
2016/17-5	Lab	srgt LCS dup	2/1/2017	Hydrocarbon	n-Tetracosane	n/a	=	0.269	mg/L	EPA 8015D	-88	-88			
2016/17-5	Lab	srgt LCS dup, rec	2/1/2017	Hydrocarbon	n-Tetracosane	n/a	=	108	%	EPA 8015D	-88	-88	64	155	
2016/17-5	ME-SCR	srgt environ	2/2/2017	Hydrocarbon	n-Tetracosane	n/a	=	2.69	mg/L	EPA 8015D	-88	-88			
2016/17-5	ME-SCR	srgt environ, rec	2/2/2017	Hydrocarbon	n-Tetracosane	n/a	=	108	%	EPA 8015D	-88	-88	64	155	
2016/17-5	ME-VR2	srgt environ	1/30/2017	Hydrocarbon	n-Tetracosane	n/a	=	0.316	mg/L	EPA 8015D	-88	-88			
2016/17-5	ME-VR2	srgt environ, rec	1/30/2017	Hydrocarbon	n-Tetracosane	n/a	=	126	%	EPA 8015D	-88	-88	64	155	
2016/17-5	MO-CAM	srgt environ	1/30/2017	Hydrocarbon	n-Tetracosane	n/a	=	0.314	mg/L	EPA 8015D	-88	-88			
2016/17-5	MO-CAM	srgt environ, rec	1/30/2017	Hydrocarbon	n-Tetracosane	n/a	=	125	%	EPA 8015D	-88	-88	64	155	
2016/17-5	MO-HUE	srgt environ	1/30/2017	Hydrocarbon	n-Tetracosane	n/a	=	0.316	mg/L	EPA 8015D	-88	-88			
2016/17-5	MO-HUE	srgt environ, rec	1/30/2017	Hydrocarbon	n-Tetracosane	n/a	=	126	%	EPA 8015D	-88	-88	64	155	
2016/17-5	MO-MEI	srgt environ	1/30/2017	Hydrocarbon	n-Tetracosane	n/a	=	0.304	mg/L	EPA 8015D	-88	-88			
2016/17-5	MO-MEI	srgt environ, rec	1/30/2017	Hydrocarbon	n-Tetracosane	n/a	=	122	%	EPA 8015D	-88	-88	64	155	
2016/17-5	MO-OJA	srgt environ	1/30/2017	Hydrocarbon	n-Tetracosane	n/a	=	0.312	mg/L	EPA 8015D	-88	-88			
2016/17-5	MO-OJA	srgt environ, rec	1/30/2017	Hydrocarbon	n-Tetracosane	n/a	=	125	%	EPA 8015D	-88	-88	64	155	
2016/17-5	MO-VEN	srgt environ	1/30/2017	Hydrocarbon	n-Tetracosane	n/a	=	0.324	mg/L	EPA 8015D	-88	-88			
2016/17-5	MO-VEN	srgt environ, rec	1/30/2017	Hydrocarbon	n-Tetracosane	n/a	=	130	%	EPA 8015D	-88	-88	64	155	
2016/17-5	Lab	LCS	1/24/2017	Hydrocarbon	Oil and Grease	n/a	=	18.5	mg/L	EPA 1664A	1.3	5			
2016/17-5	Lab	LCS	1/24/2017	Hydrocarbon	Oil and Grease	n/a	DNQ	4.5	mg/L	EPA 1664A	1.3	5			
2016/17-5	Lab	LCS dup	1/24/2017	Hydrocarbon	Oil and Grease	n/a	=	18.9	mg/L	EPA 1664A	1.3	5			
2016/17-5	Lab	LCS dup, rec	1/24/2017	Hydrocarbon	Oil and Grease	n/a	=	94	%	EPA 1664A	-88	-88	78	114	
2016/17-5	Lab	LCS, rec	1/24/2017	Hydrocarbon	Oil and Grease	n/a	=	90	%	EPA 1664A	-88	-88	78	114	
2016/17-5	Lab	LCS, rec	1/24/2017	Hydrocarbon	Oil and Grease	n/a	=	92	%	EPA 1664A	-88	-88	78	114	
2016/17-5	Lab	LCS, RPD	1/24/2017	Hydrocarbon	Oil and Grease	n/a	=	2	%	EPA 1664A	-88	-88	0	18	
2016/17-5	Lab	method blank	1/24/2017	Hydrocarbon	Oil and Grease	n/a	<	1.3	mg/L	EPA 1664A	1.3	5			
2016/17-5	Lab	LCS	1/26/2017	Hydrocarbon	Oil and Grease	n/a	DNQ	4.6	mg/L	EPA 1664A	1.3	5			
2016/17-5	Lab	LCS	1/26/2017	Hydrocarbon	Oil and Grease	n/a	=	17.2	mg/L	EPA 1664A	1.3	5			
2016/17-5	Lab	LCS dup	1/26/2017	Hydrocarbon	Oil and Grease	n/a	=	17.7	mg/L	EPA 1664A	1.3	5			
2016/17-5	Lab	LCS dup, rec	1/26/2017	Hydrocarbon	Oil and Grease	n/a	=	88	%	EPA 1664A	-88	-88	78	114	
2016/17-5	Lab	LCS, rec	1/26/2017	Hydrocarbon	Oil and Grease	n/a	=	92	%	EPA 1664A	-88	-88	78	114	
2016/17-5	Lab	LCS, rec	1/26/2017	Hydrocarbon	Oil and Grease	n/a	=	86	%	EPA 1664A	-88	-88	78	114	
2016/17-5	Lab	LCS, RPD	1/26/2017	Hydrocarbon	Oil and Grease	n/a	=	3	%	EPA 1664A	-88	-88	0	18	
2016/17-5	Lab	method blank	1/26/2017	Hydrocarbon	Oil and Grease	n/a	<	1.3	mg/L	EPA 1664A	1.3	5			
2016/17-5	Lab	LCS	1/31/2017	Hydrocarbon	Oil and Grease	n/a	=	17.7	mg/L	EPA 1664A	1.3	5			
2016/17-5	Lab	LCS	1/31/2017	Hydrocarbon	Oil and Grease	n/a	DNQ	4.9	mg/L	EPA 1664A	1.3	5			
2016/17-5	Lab	LCS dup	1/31/2017	Hydrocarbon	Oil and Grease	n/a	=	17.1	mg/L	EPA 1664A	1.3	5			
2016/17-5	Lab	LCS dup, rec	1/31/2017	Hydrocarbon	Oil and Grease	n/a	=	86	%	EPA 1664A	-88	-88	78	114	
2016/17-5	Lab	LCS, rec	1/31/2017	Hydrocarbon	Oil and Grease	n/a	=	88	%	EPA 1664A	-88	-88	78	114	
2016/17-5	Lab	LCS, rec	1/31/2017	Hydrocarbon	Oil and Grease	n/a	=	98	%	EPA 1664A	-88	-88	78	114	
2016/17-5	Lab	LCS, RPD	1/31/2017	Hydrocarbon	Oil and Grease	n/a	=	3	%	EPA 1664A	-88	-88	0	18	
2016/17-5	Lab	method blank	1/31/2017	Hydrocarbon	Oil and Grease	n/a	<	1.3	mg/L	EPA 1664A	1.3	5			
2016/17-5	Lab	LCS	2/2/2017	Hydrocarbon	Oil and Grease	n/a	=	19.2	mg/L	EPA 1664A	1.3	5			
2016/17-5	Lab	LCS	2/2/2017	Hydrocarbon	Oil and Grease	n/a	DNQ	4.7	mg/L	EPA 1664A	1.3	5			
2016/17-5	Lab	LCS dup	2/2/2017	Hydrocarbon	Oil and Grease	n/a	=	18.8	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	
2016/17-5	Lab	LCS dup, rec	2/2/2017	Hydrocarbon	Oil and Grease	n/a	=	94	%	EPA 1664A	-88	-88	78	114	
2016/17-5	Lab	LCS, rec	2/2/2017	Hydrocarbon	Oil and Grease	n/a	=	94	%	EPA 1664A	-88	-88	78	114	
2016/17-5	Lab	LCS, rec	2/2/2017	Hydrocarbon	Oil and Grease	n/a	=	96	%	EPA 1664A	-88	-88	78	114	
2016/17-5	Lab	LCS, RPD	2/2/2017	Hydrocarbon	Oil and Grease	n/a	=	2	%	EPA 1664A	-88	-88	0	18	
2016/17-5	Lab	method blank	2/2/2017	Hydrocarbon	Oil and Grease	n/a	<	1.3	mg/L	EPA 1664A	1.3	5			
2016/17-5	ME-SCR	matrix spike	2/2/2017	Hydrocarbon	Oil and Grease	n/a	=	20.9	mg/L	EPA 1664A	1.3	5			
2016/17-5	ME-SCR	matrix spike, rec	2/2/2017	Hydrocarbon	Oil and Grease	n/a	=	94	%	EPA 1664A	-88	-88	78	114	
2016/17-5	ME-VR2	matrix spike	1/24/2017	Hydrocarbon	Oil and Grease	n/a	=	18.7	mg/L	EPA 1664A	1.3	5			
2016/17-5	ME-VR2	matrix spike, rec	1/24/2017	Hydrocarbon	Oil and Grease	n/a	=	80	%	EPA 1664A	-88	-88	78	114	
2016/17-5	MO-MEI	matrix spike	1/31/2017	Hydrocarbon	Oil and Grease	n/a	=	21.4	mg/L	EPA 1664A	1.3	5			
2016/17-5	MO-MEI	matrix spike, rec	1/31/2017	Hydrocarbon	Oil and Grease	n/a	=	82	%	EPA 1664A	-88	-88	78	114	
2016/17-5	MO-OJA	matrix spike	1/26/2017	Hydrocarbon	Oil and Grease	n/a	=	22.7	mg/L	EPA 1664A	1.3	5			
2016/17-5	MO-OJA	matrix spike, rec	1/26/2017	Hydrocarbon	Oil and Grease	n/a	=	81	%	EPA 1664A	-88	-88	78	114	
2016/17-5	Lab	method blank	1/30/2017	Hydrocarbon	Oil Range Organics	n/a	<	0.33	mg/L	EPA 8015D	0.33	0.5			
2016/17-5	Lab	method blank	2/1/2017	Hydrocarbon	Oil Range Organics	n/a	<	0.33	mg/L	EPA 8015D	0.33	0.5			
2016/17-5	Lab	method blank	2/6/2017	Metal	Aluminum	Dissolved	DNQ	1.58	µg/L	EPA 200.8	1.3	5			IP
2016/17-5	Lab	LCS	2/6/2017	Metal	Aluminum	Dissolved	=	53.9	µg/L	EPA 200.8	1.3	5			
2016/17-5	Lab	LCS, rec	2/6/2017	Metal	Aluminum	Dissolved	=	108	%	EPA 200.8	-88	-88	85	115	
2016/17-5	Lab	method blank	2/6/2017	Metal	Aluminum	Dissolved	DNQ	1.82	µg/L	EPA 200.8	1.3	5			IP
2016/17-5	Lab	LCS	2/6/2017	Metal	Aluminum	Dissolved	=	53.8	µg/L	EPA 200.8	1.3	5			
2016/17-5	Lab	LCS, rec	2/6/2017	Metal	Aluminum	Dissolved	=	108	%	EPA 200.8	-88	-88	85	115	
2016/17-5	Lab	method blank	2/6/2017	Metal	Aluminum	Total	DNQ	1.43	µg/L	EPA 200.8	1.3	5			IP
2016/17-5	Lab	LCS	2/6/2017	Metal	Aluminum	Total	=	53.9	µg/L	EPA 200.8	1.3	5			
2016/17-5	Lab	LCS, rec	2/6/2017	Metal	Aluminum	Total	=	108	%	EPA 200.8	-88	-88	85	115	
2016/17-5	Lab	method blank	2/6/2017	Metal	Aluminum	Total	DNQ	1.6	µg/L	EPA 200.8	1.3	5			IP
2016/17-5	Lab	LCS	2/6/2017	Metal	Aluminum	Total	=	53.8	µg/L	EPA 200.8	1.3	5			
2016/17-5	Lab	LCS, rec	2/6/2017	Metal	Aluminum	Total	=	108	%	EPA 200.8	-88	-88	85	115	
2016/17-5	ME-VR2	matrix spike	2/6/2017	Metal	Aluminum	Total	=	807	µg/L	EPA 200.8	1.3	5			GB
2016/17-5	ME-VR2	matrix spike, rec	2/6/2017	Metal	Aluminum	Total	=	235	%	EPA 200.8	-88	-88	70	130	GB
2016/17-5	ME-VR2	matrix spike dup	2/6/2017	Metal	Aluminum	Total	=	816	µg/L	EPA 200.8	1.3	5			GB
2016/17-5	ME-VR2	matrix spike dup, rec	2/6/2017	Metal	Aluminum	Total	=	253	%	EPA 200.8	-88	-88	70	130	GB
2016/17-5	ME-VR2	matrix spike, RPD	2/6/2017	Metal	Aluminum	Total	=	1	%	EPA 200.8	-88	-88	0	30	GB
2016/17-5	MO-VEN	matrix spike	2/6/2017	Metal	Aluminum	Total	=	2030	µg/L	EPA 200.8	1.3	5			GB
2016/17-5	MO-VEN	matrix spike, rec	2/6/2017	Metal	Aluminum	Total	=	-32	%	EPA 200.8	-88	-88	70	130	GB
2016/17-5	MO-VEN	matrix spike dup	2/6/2017	Metal	Aluminum	Total	=	1990	µg/L	EPA 200.8	1.3	5			GB
2016/17-5	MO-VEN	matrix spike dup, rec	2/6/2017	Metal	Aluminum	Total	=	-12	%	EPA 200.8	-88	-88	70	130	GB
2016/17-5	MO-VEN	matrix spike, RPD	2/6/2017	Metal	Aluminum	Total	=	2	%	EPA 200.8	-88	-88	0	30	GB
2016/17-5	Lab	method blank	2/6/2017	Metal	Antimony	Dissolved	DNQ	0.167	µg/L	EPA 200.8	0.045	0.5			IP
2016/17-5	Lab	LCS	2/6/2017	Metal	Antimony	Dissolved	=	48.7	µg/L	EPA 200.8	0.045	0.5			
2016/17-5	Lab	LCS, rec	2/6/2017	Metal	Antimony	Dissolved	=	97	%	EPA 200.8	-88	-88	85	115	
2016/17-5	Lab	method blank	2/6/2017	Metal	Antimony	Dissolved	<	0.045	µg/L	EPA 200.8	0.045	0.5			
2016/17-5	Lab	LCS	2/6/2017	Metal	Antimony	Dissolved	=	48.4	µg/L	EPA 200.8	0.045	0.5			
2016/17-5	Lab	LCS, rec	2/6/2017	Metal	Antimony	Dissolved	=	97	%	EPA 200.8	-88	-88	85	115	
2016/17-5	Lab	method blank	2/6/2017	Metal	Antimony	Total	DNQ	0.0869	µg/L	EPA 200.8	0.045	0.5			IP
2016/17-5	Lab	LCS	2/6/2017	Metal	Antimony	Total	=	48.7	µg/L	EPA 200.8	0.045	0.5			
2016/17-5	Lab	LCS, rec	2/6/2017	Metal	Antimony	Total	=	97	%	EPA 200.8	-88	-88	85	115	
2016/17-5	Lab	method blank	2/6/2017	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	
2016/17-5	Lab	LCS	2/6/2017	Metal	Antimony	Total	=	48.4	µg/L	EPA 200.8	0.045	0.5			
2016/17-5	Lab	LCS, rec	2/6/2017	Metal	Antimony	Total	=	97	%	EPA 200.8	-88	-88	85	115	
2016/17-5	ME-VR2	matrix spike	2/6/2017	Metal	Antimony	Total	=	45.3	µg/L	EPA 200.8	0.045	0.5			
2016/17-5	ME-VR2	matrix spike, rec	2/6/2017	Metal	Antimony	Total	=	90	%	EPA 200.8	-88	-88	70	130	
2016/17-5	ME-VR2	matrix spike dup	2/6/2017	Metal	Antimony	Total	=	44.8	µg/L	EPA 200.8	0.045	0.5			
2016/17-5	ME-VR2	matrix spike dup, rec	2/6/2017	Metal	Antimony	Total	=	89	%	EPA 200.8	-88	-88	70	130	
2016/17-5	ME-VR2	matrix spike, RPD	2/6/2017	Metal	Antimony	Total	=	1	%	EPA 200.8	-88	-88	0	30	
2016/17-5	MO-VEN	matrix spike	2/6/2017	Metal	Antimony	Total	=	46	µg/L	EPA 200.8	0.045	0.5			
2016/17-5	MO-VEN	matrix spike, rec	2/6/2017	Metal	Antimony	Total	=	90	%	EPA 200.8	-88	-88	70	130	
2016/17-5	MO-VEN	matrix spike dup	2/6/2017	Metal	Antimony	Total	=	44	µg/L	EPA 200.8	0.045	0.5			
2016/17-5	MO-VEN	matrix spike dup, rec	2/6/2017	Metal	Antimony	Total	=	86	%	EPA 200.8	-88	-88	70	130	
2016/17-5	MO-VEN	matrix spike, RPD	2/6/2017	Metal	Antimony	Total	=	4	%	EPA 200.8	-88	-88	0	30	
2016/17-5	Lab	method blank	2/6/2017	Metal	Arsenic	Dissolved	<	0.074	µg/L	EPA 200.8	0.074	0.4			
2016/17-5	Lab	LCS	2/6/2017	Metal	Arsenic	Dissolved	=	49.7	µg/L	EPA 200.8	0.074	0.4			
2016/17-5	Lab	LCS, rec	2/6/2017	Metal	Arsenic	Dissolved	=	99	%	EPA 200.8	-88	-88	85	115	
2016/17-5	Lab	method blank	2/6/2017	Metal	Arsenic	Dissolved	<	0.074	µg/L	EPA 200.8	0.074	0.4			
2016/17-5	Lab	LCS	2/6/2017	Metal	Arsenic	Dissolved	=	50	µg/L	EPA 200.8	0.074	0.4			
2016/17-5	Lab	LCS, rec	2/6/2017	Metal	Arsenic	Dissolved	=	100	%	EPA 200.8	-88	-88	85	115	
2016/17-5	Lab	method blank	2/6/2017	Metal	Arsenic	Total	<	0.074	µg/L	EPA 200.8	0.074	0.4			
2016/17-5	Lab	LCS	2/6/2017	Metal	Arsenic	Total	=	49.7	µg/L	EPA 200.8	0.074	0.4			
2016/17-5	Lab	LCS, rec	2/6/2017	Metal	Arsenic	Total	=	99	%	EPA 200.8	-88	-88	85	115	
2016/17-5	Lab	method blank	2/6/2017	Metal	Arsenic	Total	<	0.074	µg/L	EPA 200.8	0.074	0.4			
2016/17-5	Lab	LCS	2/6/2017	Metal	Arsenic	Total	=	50	µg/L	EPA 200.8	0.074	0.4			
2016/17-5	Lab	LCS, rec	2/6/2017	Metal	Arsenic	Total	=	100	%	EPA 200.8	-88	-88	85	115	
2016/17-5	ME-VR2	matrix spike	2/6/2017	Metal	Arsenic	Total	=	48.8	µg/L	EPA 200.8	0.074	0.4			
2016/17-5	ME-VR2	matrix spike, rec	2/6/2017	Metal	Arsenic	Total	=	96	%	EPA 200.8	-88	-88	70	130	
2016/17-5	ME-VR2	matrix spike dup	2/6/2017	Metal	Arsenic	Total	=	48.9	µg/L	EPA 200.8	0.074	0.4			
2016/17-5	ME-VR2	matrix spike dup, rec	2/6/2017	Metal	Arsenic	Total	=	96	%	EPA 200.8	-88	-88	70	130	
2016/17-5	ME-VR2	matrix spike, RPD	2/6/2017	Metal	Arsenic	Total	=	0.09	%	EPA 200.8	-88	-88	0	30	
2016/17-5	MO-VEN	matrix spike	2/6/2017	Metal	Arsenic	Total	=	49.6	µg/L	EPA 200.8	0.074	0.4			
2016/17-5	MO-VEN	matrix spike, rec	2/6/2017	Metal	Arsenic	Total	=	96	%	EPA 200.8	-88	-88	70	130	
2016/17-5	MO-VEN	matrix spike dup	2/6/2017	Metal	Arsenic	Total	=	46.5	µg/L	EPA 200.8	0.074	0.4			
2016/17-5	MO-VEN	matrix spike dup, rec	2/6/2017	Metal	Arsenic	Total	=	90	%	EPA 200.8	-88	-88	70	130	
2016/17-5	MO-VEN	matrix spike, RPD	2/6/2017	Metal	Arsenic	Total	=	6	%	EPA 200.8	-88	-88	0	30	
2016/17-5	Lab	method blank	2/6/2017	Metal	Barium	Total	<	0.071	µg/L	EPA 200.8	0.071	0.5			
2016/17-5	Lab	LCS	2/6/2017	Metal	Barium	Total	=	49.3	µg/L	EPA 200.8	0.071	0.5			
2016/17-5	Lab	LCS, rec	2/6/2017	Metal	Barium	Total	=	99	%	EPA 200.8	-88	-88	85	115	
2016/17-5	Lab	method blank	2/6/2017	Metal	Barium	Total	DNQ	0.28	µg/L	EPA 200.8	0.071	0.5			IP
2016/17-5	Lab	LCS	2/6/2017	Metal	Barium	Total	=	49.5	µg/L	EPA 200.8	0.071	0.5			
2016/17-5	Lab	LCS, rec	2/6/2017	Metal	Barium	Total	=	99	%	EPA 200.8	-88	-88	85	115	
2016/17-5	ME-VR2	matrix spike	2/6/2017	Metal	Barium	Total	=	117	µg/L	EPA 200.8	0.071	0.5			
2016/17-5	ME-VR2	matrix spike, rec	2/6/2017	Metal	Barium	Total	=	101	%	EPA 200.8	-88	-88	70	130	
2016/17-5	ME-VR2	matrix spike dup	2/6/2017	Metal	Barium	Total	=	117	µg/L	EPA 200.8	0.071	0.5			
2016/17-5	ME-VR2	matrix spike dup, rec	2/6/2017	Metal	Barium	Total	=	101	%	EPA 200.8	-88	-88	70	130	
2016/17-5	ME-VR2	matrix spike, RPD	2/6/2017	Metal	Barium	Total	=	0.1	%	EPA 200.8	-88	-88	0	30	
2016/17-5	MO-VEN	matrix spike	2/6/2017	Metal	Barium	Total	=	88.5	µg/L	EPA 200.8	0.071	0.5			
2016/17-5	MO-VEN	matrix spike, rec	2/6/2017	Metal	Barium	Total	=	107	%	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	
2016/17-5	MO-VEN	matrix spike dup	2/6/2017	Metal	Barium	Total	=	82.1	µg/L	EPA 200.8	0.071	0.5			
2016/17-5	MO-VEN	matrix spike dup, rec	2/6/2017	Metal	Barium	Total	=	94	%	EPA 200.8	-88	-88	70	130	
2016/17-5	MO-VEN	matrix spike, RPD	2/6/2017	Metal	Barium	Total	=	8	%	EPA 200.8	-88	-88	0	30	
2016/17-5	Lab	method blank	2/6/2017	Metal	Beryllium	Dissolved	<	0.033	µg/L	EPA 200.8	0.033	0.1			
2016/17-5	Lab	LCS	2/6/2017	Metal	Beryllium	Dissolved	=	48.9	µg/L	EPA 200.8	0.033	0.1			
2016/17-5	Lab	LCS, rec	2/6/2017	Metal	Beryllium	Dissolved	=	98	%	EPA 200.8	-88	-88	85	115	
2016/17-5	Lab	method blank	2/6/2017	Metal	Beryllium	Dissolved	<	0.033	µg/L	EPA 200.8	0.033	0.1			
2016/17-5	Lab	LCS	2/6/2017	Metal	Beryllium	Dissolved	=	49.2	µg/L	EPA 200.8	0.033	0.1			
2016/17-5	Lab	LCS, rec	2/6/2017	Metal	Beryllium	Dissolved	=	98	%	EPA 200.8	-88	-88	85	115	
2016/17-5	Lab	method blank	2/6/2017	Metal	Beryllium	Total	<	0.033	µg/L	EPA 200.8	0.033	0.1			
2016/17-5	Lab	LCS	2/6/2017	Metal	Beryllium	Total	=	48.9	µg/L	EPA 200.8	0.033	0.1			
2016/17-5	Lab	LCS, rec	2/6/2017	Metal	Beryllium	Total	=	98	%	EPA 200.8	-88	-88	85	115	
2016/17-5	Lab	method blank	2/6/2017	Metal	Beryllium	Total	<	0.033	µg/L	EPA 200.8	0.033	0.1			
2016/17-5	Lab	LCS	2/6/2017	Metal	Beryllium	Total	=	49.2	µg/L	EPA 200.8	0.033	0.1			
2016/17-5	Lab	LCS, rec	2/6/2017	Metal	Beryllium	Total	=	98	%	EPA 200.8	-88	-88	85	115	
2016/17-5	ME-VR2	matrix spike	2/6/2017	Metal	Beryllium	Total	=	53.2	µg/L	EPA 200.8	0.033	0.1			
2016/17-5	ME-VR2	matrix spike, rec	2/6/2017	Metal	Beryllium	Total	=	106	%	EPA 200.8	-88	-88	70	130	
2016/17-5	ME-VR2	matrix spike dup	2/6/2017	Metal	Beryllium	Total	=	51.4	µg/L	EPA 200.8	0.033	0.1			
2016/17-5	ME-VR2	matrix spike dup, rec	2/6/2017	Metal	Beryllium	Total	=	103	%	EPA 200.8	-88	-88	70	130	
2016/17-5	ME-VR2	matrix spike, RPD	2/6/2017	Metal	Beryllium	Total	=	3	%	EPA 200.8	-88	-88	0	30	
2016/17-5	MO-VEN	matrix spike	2/6/2017	Metal	Beryllium	Total	=	51.2	µg/L	EPA 200.8	0.033	0.1			
2016/17-5	MO-VEN	matrix spike, rec	2/6/2017	Metal	Beryllium	Total	=	102	%	EPA 200.8	-88	-88	70	130	
2016/17-5	MO-VEN	matrix spike dup	2/6/2017	Metal	Beryllium	Total	=	47.6	µg/L	EPA 200.8	0.033	0.1			
2016/17-5	MO-VEN	matrix spike dup, rec	2/6/2017	Metal	Beryllium	Total	=	95	%	EPA 200.8	-88	-88	70	130	
2016/17-5	MO-VEN	matrix spike, RPD	2/6/2017	Metal	Beryllium	Total	=	7	%	EPA 200.8	-88	-88	0	30	
2016/17-5	Lab	method blank	2/6/2017	Metal	Cadmium	Dissolved	<	0.041	µg/L	EPA 200.8	0.041	0.1			
2016/17-5	Lab	LCS	2/6/2017	Metal	Cadmium	Dissolved	=	49.3	µg/L	EPA 200.8	0.041	0.1			
2016/17-5	Lab	LCS, rec	2/6/2017	Metal	Cadmium	Dissolved	=	99	%	EPA 200.8	-88	-88	85	115	
2016/17-5	Lab	method blank	2/6/2017	Metal	Cadmium	Dissolved	<	0.041	µg/L	EPA 200.8	0.041	0.1			
2016/17-5	Lab	LCS	2/6/2017	Metal	Cadmium	Dissolved	=	49	µg/L	EPA 200.8	0.041	0.1			
2016/17-5	Lab	LCS, rec	2/6/2017	Metal	Cadmium	Dissolved	=	98	%	EPA 200.8	-88	-88	85	115	
2016/17-5	Lab	method blank	2/6/2017	Metal	Cadmium	Total	<	0.041	µg/L	EPA 200.8	0.041	0.1			
2016/17-5	Lab	LCS	2/6/2017	Metal	Cadmium	Total	=	49.3	µg/L	EPA 200.8	0.041	0.1			
2016/17-5	Lab	LCS, rec	2/6/2017	Metal	Cadmium	Total	=	99	%	EPA 200.8	-88	-88	85	115	
2016/17-5	Lab	method blank	2/6/2017	Metal	Cadmium	Total	<	0.041	µg/L	EPA 200.8	0.041	0.1			
2016/17-5	Lab	LCS	2/6/2017	Metal	Cadmium	Total	=	49	µg/L	EPA 200.8	0.041	0.1			
2016/17-5	Lab	LCS, rec	2/6/2017	Metal	Cadmium	Total	=	98	%	EPA 200.8	-88	-88	85	115	
2016/17-5	ME-VR2	matrix spike	2/6/2017	Metal	Cadmium	Total	=	44.3	µg/L	EPA 200.8	0.041	0.1			
2016/17-5	ME-VR2	matrix spike, rec	2/6/2017	Metal	Cadmium	Total	=	88	%	EPA 200.8	-88	-88	70	130	
2016/17-5	ME-VR2	matrix spike dup	2/6/2017	Metal	Cadmium	Total	=	45	µg/L	EPA 200.8	0.041	0.1			
2016/17-5	ME-VR2	matrix spike dup, rec	2/6/2017	Metal	Cadmium	Total	=	90	%	EPA 200.8	-88	-88	70	130	
2016/17-5	ME-VR2	matrix spike, RPD	2/6/2017	Metal	Cadmium	Total	=	2	%	EPA 200.8	-88	-88	0	30	
2016/17-5	MO-VEN	matrix spike	2/6/2017	Metal	Cadmium	Total	=	49.9	µg/L	EPA 200.8	0.041	0.1			
2016/17-5	MO-VEN	matrix spike, rec	2/6/2017	Metal	Cadmium	Total	=	99	%	EPA 200.8	-88	-88	70	130	
2016/17-5	MO-VEN	matrix spike dup	2/6/2017	Metal	Cadmium	Total	=	46.6	µg/L	EPA 200.8	0.041	0.1			
2016/17-5	MO-VEN	matrix spike dup, rec	2/6/2017	Metal	Cadmium	Total	=	93	%	EPA 200.8	-88	-88	70	130	
2016/17-5	MO-VEN	matrix spike, RPD	2/6/2017	Metal	Cadmium	Total	=	7	%	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	
2016/17-5	Lab	method blank	2/6/2017	Metal	Chromium	Dissolved	DNQ	0.127	µg/L	EPA 200.8	0.035	0.2			IP
2016/17-5	Lab	LCS	2/6/2017	Metal	Chromium	Dissolved	=	49.4	µg/L	EPA 200.8	0.035	0.2			
2016/17-5	Lab	LCS, rec	2/6/2017	Metal	Chromium	Dissolved	=	99	%	EPA 200.8	-88	-88	85	115	
2016/17-5	Lab	method blank	2/6/2017	Metal	Chromium	Dissolved	DNQ	0.139	µg/L	EPA 200.8	0.035	0.2			IP
2016/17-5	Lab	LCS	2/6/2017	Metal	Chromium	Dissolved	=	49.1	µg/L	EPA 200.8	0.035	0.2			
2016/17-5	Lab	LCS, rec	2/6/2017	Metal	Chromium	Dissolved	=	98	%	EPA 200.8	-88	-88	85	115	
2016/17-5	Lab	method blank	2/6/2017	Metal	Chromium	Total	<	0.035	µg/L	EPA 200.8	0.035	0.2			
2016/17-5	Lab	LCS	2/6/2017	Metal	Chromium	Total	=	49.4	µg/L	EPA 200.8	0.035	0.2			
2016/17-5	Lab	LCS, rec	2/6/2017	Metal	Chromium	Total	=	99	%	EPA 200.8	-88	-88	85	115	
2016/17-5	Lab	method blank	2/6/2017	Metal	Chromium	Total	DNQ	0.0365	µg/L	EPA 200.8	0.035	0.2			IP
2016/17-5	Lab	LCS	2/6/2017	Metal	Chromium	Total	=	49.1	µg/L	EPA 200.8	0.035	0.2			
2016/17-5	Lab	LCS, rec	2/6/2017	Metal	Chromium	Total	=	98	%	EPA 200.8	-88	-88	85	115	
2016/17-5	ME-VR2	matrix spike	2/6/2017	Metal	Chromium	Total	=	49	µg/L	EPA 200.8	0.035	0.2			
2016/17-5	ME-VR2	matrix spike, rec	2/6/2017	Metal	Chromium	Total	=	94	%	EPA 200.8	-88	-88	70	130	
2016/17-5	ME-VR2	matrix spike dup	2/6/2017	Metal	Chromium	Total	=	49.3	µg/L	EPA 200.8	0.035	0.2			
2016/17-5	ME-VR2	matrix spike dup, rec	2/6/2017	Metal	Chromium	Total	=	95	%	EPA 200.8	-88	-88	70	130	
2016/17-5	ME-VR2	matrix spike, RPD	2/6/2017	Metal	Chromium	Total	=	0.7	%	EPA 200.8	-88	-88	0	30	
2016/17-5	MO-VEN	matrix spike	2/6/2017	Metal	Chromium	Total	=	53.1	µg/L	EPA 200.8	0.035	0.2			
2016/17-5	MO-VEN	matrix spike, rec	2/6/2017	Metal	Chromium	Total	=	97	%	EPA 200.8	-88	-88	70	130	
2016/17-5	MO-VEN	matrix spike dup	2/6/2017	Metal	Chromium	Total	=	49.9	µg/L	EPA 200.8	0.035	0.2			
2016/17-5	MO-VEN	matrix spike dup, rec	2/6/2017	Metal	Chromium	Total	=	91	%	EPA 200.8	-88	-88	70	130	
2016/17-5	MO-VEN	matrix spike, RPD	2/6/2017	Metal	Chromium	Total	=	6	%	EPA 200.8	-88	-88	0	30	
2016/17-5	000NONPJ	matrix spike	2/2/2017	Metal	Chromium VI	n/a	=	9.07	µg/L	EPA 218.6	0.0048	0.02			
2016/17-5	000NONPJ	matrix spike dup	2/2/2017	Metal	Chromium VI	n/a	=	8.8	µg/L	EPA 218.6	0.0048	0.02			
2016/17-5	000NONPJ	matrix spike dup, rec	2/2/2017	Metal	Chromium VI	n/a	=	102	%	EPA 218.6	-88	-88	88	112	
2016/17-5	000NONPJ	matrix spike, rec	2/2/2017	Metal	Chromium VI	n/a	=	108	%	EPA 218.6	-88	-88	88	112	
2016/17-5	000NONPJ	matrix spike, RPD	2/2/2017	Metal	Chromium VI	n/a	=	3	%	EPA 218.6	-88	-88	0	10	
2016/17-5	Lab	method blank	2/2/2017	Metal	Chromium VI	n/a	<	0.0048	µg/L	EPA 218.6	0.0048	0.02			
2016/17-5	Lab	LCS	2/2/2017	Metal	Chromium VI	n/a	=	5.3	µg/L	EPA 218.6	0.0048	0.02			
2016/17-5	Lab	LCS, rec	2/2/2017	Metal	Chromium VI	n/a	=	106	%	EPA 218.6	-88	-88	90	110	
2016/17-5	Lab	method blank	2/6/2017	Metal	Copper	Dissolved	DNQ	0.317	µg/L	EPA 200.8	0.13	0.5			IP
2016/17-5	Lab	LCS	2/6/2017	Metal	Copper	Dissolved	=	49.9	µg/L	EPA 200.8	0.13	0.5			
2016/17-5	Lab	LCS, rec	2/6/2017	Metal	Copper	Dissolved	=	100	%	EPA 200.8	-88	-88	85	115	
2016/17-5	Lab	method blank	2/6/2017	Metal	Copper	Dissolved	DNQ	0.283	µg/L	EPA 200.8	0.13	0.5			IP
2016/17-5	Lab	LCS	2/6/2017	Metal	Copper	Dissolved	=	49.4	µg/L	EPA 200.8	0.13	0.5			
2016/17-5	Lab	LCS, rec	2/6/2017	Metal	Copper	Dissolved	=	99	%	EPA 200.8	-88	-88	85	115	
2016/17-5	Lab	method blank	2/6/2017	Metal	Copper	Total	<	0.13	µg/L	EPA 200.8	0.13	0.5			
2016/17-5	Lab	LCS	2/6/2017	Metal	Copper	Total	=	49.9	µg/L	EPA 200.8	0.13	0.5			
2016/17-5	Lab	LCS, rec	2/6/2017	Metal	Copper	Total	=	100	%	EPA 200.8	-88	-88	85	115	
2016/17-5	Lab	method blank	2/6/2017	Metal	Copper	Total	DNQ	0.424	µg/L	EPA 200.8	0.13	0.5			IP
2016/17-5	Lab	LCS	2/6/2017	Metal	Copper	Total	=	49.4	µg/L	EPA 200.8	0.13	0.5			
2016/17-5	Lab	LCS, rec	2/6/2017	Metal	Copper	Total	=	99	%	EPA 200.8	-88	-88	85	115	
2016/17-5	ME-VR2	matrix spike	2/6/2017	Metal	Copper	Total	=	46.8	µg/L	EPA 200.8	0.13	0.5			
2016/17-5	ME-VR2	matrix spike, rec	2/6/2017	Metal	Copper	Total	=	89	%	EPA 200.8	-88	-88	70	130	
2016/17-5	ME-VR2	matrix spike dup	2/6/2017	Metal	Copper	Total	=	46.9	µg/L	EPA 200.8	0.13	0.5			
2016/17-5	ME-VR2	matrix spike dup, rec	2/6/2017	Metal	Copper	Total	=	89	%	EPA 200.8	-88	-88	70	130	
2016/17-5	ME-VR2	matrix spike, RPD	2/6/2017	Metal	Copper	Total	=	0.2	%	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	
2016/17-5	MO-VEN	matrix spike	2/6/2017	Metal	Copper	Total	=	61.1	µg/L	EPA 200.8	0.13	0.5			
2016/17-5	MO-VEN	matrix spike, rec	2/6/2017	Metal	Copper	Total	=	96	%	EPA 200.8	-88	-88	70	130	
2016/17-5	MO-VEN	matrix spike dup	2/6/2017	Metal	Copper	Total	=	58.2	µg/L	EPA 200.8	0.13	0.5			
2016/17-5	MO-VEN	matrix spike dup, rec	2/6/2017	Metal	Copper	Total	=	90	%	EPA 200.8	-88	-88	70	130	
2016/17-5	MO-VEN	matrix spike, RPD	2/6/2017	Metal	Copper	Total	=	5	%	EPA 200.8	-88	-88	0	30	
2016/17-5	Lab	method blank	1/30/2017	Metal	Iron	Dissolved	DNQ	2.71	µg/L	EPA 200.7	1.1	10			IP
2016/17-5	Lab	LCS	1/30/2017	Metal	Iron	Dissolved	=	199	µg/L	EPA 200.7	1.1	10			
2016/17-5	Lab	LCS, rec	1/30/2017	Metal	Iron	Dissolved	=	100	%	EPA 200.7	-88	-88	85	115	
2016/17-5	Lab	method blank	1/30/2017	Metal	Iron	Dissolved	DNQ	2.22	µg/L	EPA 200.7	1.1	10			IP
2016/17-5	Lab	LCS	1/30/2017	Metal	Iron	Dissolved	=	197	µg/L	EPA 200.7	1.1	10			
2016/17-5	Lab	LCS, rec	1/30/2017	Metal	Iron	Dissolved	=	98	%	EPA 200.7	-88	-88	85	115	
2016/17-5	Lab	method blank	1/30/2017	Metal	Iron	Total	DNQ	3	µg/L	EPA 200.7	1.1	10			IP
2016/17-5	Lab	LCS	1/30/2017	Metal	Iron	Total	=	199	µg/L	EPA 200.7	1.1	10			
2016/17-5	Lab	LCS, rec	1/30/2017	Metal	Iron	Total	=	100	%	EPA 200.7	-88	-88	85	115	
2016/17-5	MO-CAM	matrix spike	1/30/2017	Metal	Iron	Total	=	1640	µg/L	EPA 200.7	1.1	10			
2016/17-5	MO-CAM	matrix spike, rec	1/30/2017	Metal	Iron	Total	=	100	%	EPA 200.7	-88	-88	70	130	
2016/17-5	MO-CAM	matrix spike dup	1/30/2017	Metal	Iron	Total	=	1680	µg/L	EPA 200.7	1.1	10			
2016/17-5	MO-CAM	matrix spike dup, rec	1/30/2017	Metal	Iron	Total	=	121	%	EPA 200.7	-88	-88	70	130	
2016/17-5	MO-CAM	matrix spike, RPD	1/30/2017	Metal	Iron	Total	=	2	%	EPA 200.7	-88	-88	0	30	
2016/17-5	Lab	method blank	2/6/2017	Metal	Lead	Dissolved	<	0.031	µg/L	EPA 200.8	0.031	0.2			
2016/17-5	Lab	LCS	2/6/2017	Metal	Lead	Dissolved	=	49.6	µg/L	EPA 200.8	0.031	0.2			
2016/17-5	Lab	LCS, rec	2/6/2017	Metal	Lead	Dissolved	=	99	%	EPA 200.8	-88	-88	85	115	
2016/17-5	Lab	method blank	2/6/2017	Metal	Lead	Dissolved	DNQ	0.0332	µg/L	EPA 200.8	0.031	0.2			IP
2016/17-5	Lab	LCS	2/6/2017	Metal	Lead	Dissolved	=	48.2	µg/L	EPA 200.8	0.031	0.2			
2016/17-5	Lab	LCS, rec	2/6/2017	Metal	Lead	Dissolved	=	96	%	EPA 200.8	-88	-88	85	115	
2016/17-5	Lab	method blank	2/6/2017	Metal	Lead	Total	<	0.031	µg/L	EPA 200.8	0.031	0.2			
2016/17-5	Lab	LCS	2/6/2017	Metal	Lead	Total	=	49.6	µg/L	EPA 200.8	0.031	0.2			
2016/17-5	Lab	LCS, rec	2/6/2017	Metal	Lead	Total	=	99	%	EPA 200.8	-88	-88	85	115	
2016/17-5	Lab	method blank	2/6/2017	Metal	Lead	Total	<	0.031	µg/L	EPA 200.8	0.031	0.2			
2016/17-5	Lab	LCS	2/6/2017	Metal	Lead	Total	=	48.2	µg/L	EPA 200.8	0.031	0.2			
2016/17-5	Lab	LCS, rec	2/6/2017	Metal	Lead	Total	=	96	%	EPA 200.8	-88	-88	85	115	
2016/17-5	ME-VR2	matrix spike	2/6/2017	Metal	Lead	Total	=	47.1	µg/L	EPA 200.8	0.031	0.2			
2016/17-5	ME-VR2	matrix spike, rec	2/6/2017	Metal	Lead	Total	=	93	%	EPA 200.8	-88	-88	70	130	
2016/17-5	ME-VR2	matrix spike dup	2/6/2017	Metal	Lead	Total	=	47.7	µg/L	EPA 200.8	0.031	0.2			
2016/17-5	ME-VR2	matrix spike dup, rec	2/6/2017	Metal	Lead	Total	=	94	%	EPA 200.8	-88	-88	70	130	
2016/17-5	ME-VR2	matrix spike, RPD	2/6/2017	Metal	Lead	Total	=	1	%	EPA 200.8	-88	-88	0	30	
2016/17-5	MO-VEN	matrix spike	2/6/2017	Metal	Lead	Total	=	57.4	µg/L	EPA 200.8	0.031	0.2			
2016/17-5	MO-VEN	matrix spike, rec	2/6/2017	Metal	Lead	Total	=	101	%	EPA 200.8	-88	-88	70	130	
2016/17-5	MO-VEN	matrix spike dup	2/6/2017	Metal	Lead	Total	=	53.3	µg/L	EPA 200.8	0.031	0.2			
2016/17-5	MO-VEN	matrix spike dup, rec	2/6/2017	Metal	Lead	Total	=	93	%	EPA 200.8	-88	-88	70	130	
2016/17-5	MO-VEN	matrix spike, RPD	2/6/2017	Metal	Lead	Total	=	7	%	EPA 200.8	-88	-88	0	30	
2016/17-5	000NONPJ	matrix spike	1/26/2017	Metal	Mercury	Dissolved	=	929	ng/L	EPA 245.1	17	50			
2016/17-5	000NONPJ	matrix spike, rec	1/26/2017	Metal	Mercury	Dissolved	=	91	%	EPA 245.1	-88	-88	70	130	
2016/17-5	000NONPJ	matrix spike dup	1/26/2017	Metal	Mercury	Dissolved	=	961	ng/L	EPA 245.1	17	50			
2016/17-5	000NONPJ	matrix spike dup, rec	1/26/2017	Metal	Mercury	Dissolved	=	94	%	EPA 245.1	-88	-88	70	130	
2016/17-5	000NONPJ	matrix spike, RPD	1/26/2017	Metal	Mercury	Dissolved	=	3	%	EPA 245.1	-88	-88	0	20	
2016/17-5	Lab	method blank	1/26/2017	Metal	Mercury	Dissolved	<	17	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	
2016/17-5	Lab	LCS	1/26/2017	Metal	Mercury	Dissolved	=	997	ng/L	EPA 245.1	17	50			
2016/17-5	Lab	LCS, rec	1/26/2017	Metal	Mercury	Dissolved	=	100	%	EPA 245.1	-88	-88	85	115	
2016/17-5	MO-OJA	matrix spike dup	1/26/2017	Metal	Mercury	Dissolved	=	912	ng/L	EPA 245.1	17	50			
2016/17-5	MO-OJA	matrix spike dup, rec	1/26/2017	Metal	Mercury	Dissolved	=	91	%	EPA 245.1	-88	-88	70	130	
2016/17-5	MO-OJA	matrix spike, RPD	1/26/2017	Metal	Mercury	Dissolved	=	0.7	%	EPA 245.1	-88	-88	0	20	
2016/17-5	MO-OJA	matrix spike	1/26/2017	Metal	Mercury	Dissolved	=	906	ng/L	EPA 245.1	17	50			
2016/17-5	MO-OJA	matrix spike, rec	1/26/2017	Metal	Mercury	Dissolved	=	91	%	EPA 245.1	-88	-88	70	130	
2016/17-5	000NONPJ	matrix spike	1/26/2017	Metal	Mercury	Total	=	929	ng/L	EPA 245.1	17	50			
2016/17-5	000NONPJ	matrix spike, rec	1/26/2017	Metal	Mercury	Total	=	91	%	EPA 245.1	-88	-88	70	130	
2016/17-5	000NONPJ	matrix spike dup	1/26/2017	Metal	Mercury	Total	=	961	ng/L	EPA 245.1	17	50			
2016/17-5	000NONPJ	matrix spike dup, rec	1/26/2017	Metal	Mercury	Total	=	94	%	EPA 245.1	-88	-88	70	130	
2016/17-5	000NONPJ	matrix spike, RPD	1/26/2017	Metal	Mercury	Total	=	3	%	EPA 245.1	-88	-88	0	20	
2016/17-5	Lab	method blank	1/26/2017	Metal	Mercury	Total	<	17	ng/L	EPA 245.1	17	50			
2016/17-5	Lab	LCS	1/26/2017	Metal	Mercury	Total	=	997	ng/L	EPA 245.1	17	50			
2016/17-5	Lab	LCS, rec	1/26/2017	Metal	Mercury	Total	=	100	%	EPA 245.1	-88	-88	85	115	
2016/17-5	MO-OJA	matrix spike dup	1/26/2017	Metal	Mercury	Total	=	912	ng/L	EPA 245.1	17	50			
2016/17-5	MO-OJA	matrix spike dup, rec	1/26/2017	Metal	Mercury	Total	=	87	%	EPA 245.1	-88	-88	70	130	
2016/17-5	MO-OJA	matrix spike, RPD	1/26/2017	Metal	Mercury	Total	=	0.7	%	EPA 245.1	-88	-88	0	20	
2016/17-5	MO-OJA	matrix spike	1/26/2017	Metal	Mercury	Total	=	906	ng/L	EPA 245.1	17	50			
2016/17-5	MO-OJA	matrix spike, rec	1/26/2017	Metal	Mercury	Total	=	86	%	EPA 245.1	-88	-88	70	130	
2016/17-5	Lab	method blank	2/6/2017	Metal	Nickel	Dissolved	DNQ	0.149	µg/L	EPA 200.8	0.045	0.8			IP
2016/17-5	Lab	LCS	2/6/2017	Metal	Nickel	Dissolved	=	49.5	µg/L	EPA 200.8	0.045	0.8			
2016/17-5	Lab	LCS, rec	2/6/2017	Metal	Nickel	Dissolved	=	99	%	EPA 200.8	-88	-88	85	115	
2016/17-5	Lab	method blank	2/6/2017	Metal	Nickel	Dissolved	DNQ	0.0669	µg/L	EPA 200.8	0.045	0.8			IP
2016/17-5	Lab	LCS	2/6/2017	Metal	Nickel	Dissolved	=	49.1	µg/L	EPA 200.8	0.045	0.8			
2016/17-5	Lab	LCS, rec	2/6/2017	Metal	Nickel	Dissolved	=	98	%	EPA 200.8	-88	-88	85	115	
2016/17-5	Lab	method blank	2/6/2017	Metal	Nickel	Total	DNQ	0.0491	µg/L	EPA 200.8	0.045	0.8			IP
2016/17-5	Lab	LCS	2/6/2017	Metal	Nickel	Total	=	49.5	µg/L	EPA 200.8	0.045	0.8			
2016/17-5	Lab	LCS, rec	2/6/2017	Metal	Nickel	Total	=	99	%	EPA 200.8	-88	-88	85	115	
2016/17-5	Lab	method blank	2/6/2017	Metal	Nickel	Total	<	0.045	µg/L	EPA 200.8	0.045	0.8			
2016/17-5	Lab	LCS	2/6/2017	Metal	Nickel	Total	=	49.1	µg/L	EPA 200.8	0.045	0.8			
2016/17-5	Lab	LCS, rec	2/6/2017	Metal	Nickel	Total	=	98	%	EPA 200.8	-88	-88	85	115	
2016/17-5	ME-VR2	matrix spike	2/6/2017	Metal	Nickel	Total	=	48.6	µg/L	EPA 200.8	0.045	0.8			
2016/17-5	ME-VR2	matrix spike, rec	2/6/2017	Metal	Nickel	Total	=	89	%	EPA 200.8	-88	-88	70	130	
2016/17-5	ME-VR2	matrix spike dup	2/6/2017	Metal	Nickel	Total	=	48.8	µg/L	EPA 200.8	0.045	0.8			
2016/17-5	ME-VR2	matrix spike dup, rec	2/6/2017	Metal	Nickel	Total	=	90	%	EPA 200.8	-88	-88	70	130	
2016/17-5	ME-VR2	matrix spike, RPD	2/6/2017	Metal	Nickel	Total	=	0.4	%	EPA 200.8	-88	-88	0	30	
2016/17-5	MO-VEN	matrix spike	2/6/2017	Metal	Nickel	Total	=	52.9	µg/L	EPA 200.8	0.045	0.8			
2016/17-5	MO-VEN	matrix spike, rec	2/6/2017	Metal	Nickel	Total	=	96	%	EPA 200.8	-88	-88	70	130	
2016/17-5	MO-VEN	matrix spike dup	2/6/2017	Metal	Nickel	Total	=	50.4	µg/L	EPA 200.8	0.045	0.8			
2016/17-5	MO-VEN	matrix spike dup, rec	2/6/2017	Metal	Nickel	Total	=	91	%	EPA 200.8	-88	-88	70	130	
2016/17-5	MO-VEN	matrix spike, RPD	2/6/2017	Metal	Nickel	Total	=	5	%	EPA 200.8	-88	-88	0	30	
2016/17-5	Lab	method blank	2/6/2017	Metal	Selenium	Dissolved	<	0.14	µg/L	EPA 200.8	0.14	0.4			
2016/17-5	Lab	LCS	2/6/2017	Metal	Selenium	Dissolved	=	47.9	µg/L	EPA 200.8	0.14	0.4			
2016/17-5	Lab	LCS, rec	2/6/2017	Metal	Selenium	Dissolved	=	96	%	EPA 200.8	-88	-88	85	115	
2016/17-5	Lab	method blank	2/6/2017	Metal	Selenium	Dissolved	<	0.14	µg/L	EPA 200.8	0.14	0.4			
2016/17-5	Lab	LCS	2/6/2017	Metal	Selenium	Dissolved	=	47.6	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	
2016/17-5	Lab	LCS, rec	2/6/2017	Metal	Selenium	Dissolved	=	95	%	EPA 200.8	-88	-88	85	115	
2016/17-5	Lab	method blank	2/6/2017	Metal	Selenium	Total	<	0.14	µg/L	EPA 200.8	0.14	0.4			
2016/17-5	Lab	LCS	2/6/2017	Metal	Selenium	Total	=	47.9	µg/L	EPA 200.8	0.14	0.4			
2016/17-5	Lab	LCS, rec	2/6/2017	Metal	Selenium	Total	=	96	%	EPA 200.8	-88	-88	85	115	
2016/17-5	Lab	method blank	2/6/2017	Metal	Selenium	Total	<	0.14	µg/L	EPA 200.8	0.14	0.4			
2016/17-5	Lab	LCS	2/6/2017	Metal	Selenium	Total	=	47.6	µg/L	EPA 200.8	0.14	0.4			
2016/17-5	Lab	LCS, rec	2/6/2017	Metal	Selenium	Total	=	95	%	EPA 200.8	-88	-88	85	115	
2016/17-5	ME-VR2	matrix spike	2/6/2017	Metal	Selenium	Total	=	47.5	µg/L	EPA 200.8	0.14	0.4			
2016/17-5	ME-VR2	matrix spike, rec	2/6/2017	Metal	Selenium	Total	=	93	%	EPA 200.8	-88	-88	70	130	
2016/17-5	ME-VR2	matrix spike dup	2/6/2017	Metal	Selenium	Total	=	46.6	µg/L	EPA 200.8	0.14	0.4			
2016/17-5	ME-VR2	matrix spike dup, rec	2/6/2017	Metal	Selenium	Total	=	91	%	EPA 200.8	-88	-88	70	130	
2016/17-5	ME-VR2	matrix spike, RPD	2/6/2017	Metal	Selenium	Total	=	2	%	EPA 200.8	-88	-88	0	30	
2016/17-5	MO-VEN	matrix spike	2/6/2017	Metal	Selenium	Total	=	47.2	µg/L	EPA 200.8	0.14	0.4			
2016/17-5	MO-VEN	matrix spike, rec	2/6/2017	Metal	Selenium	Total	=	93	%	EPA 200.8	-88	-88	70	130	
2016/17-5	MO-VEN	matrix spike dup	2/6/2017	Metal	Selenium	Total	=	44.4	µg/L	EPA 200.8	0.14	0.4			
2016/17-5	MO-VEN	matrix spike dup, rec	2/6/2017	Metal	Selenium	Total	=	88	%	EPA 200.8	-88	-88	70	130	
2016/17-5	MO-VEN	matrix spike, RPD	2/6/2017	Metal	Selenium	Total	=	6	%	EPA 200.8	-88	-88	0	30	
2016/17-5	Lab	method blank	2/6/2017	Metal	Silver	Dissolved	<	0.062	µg/L	EPA 200.8	0.062	0.2			
2016/17-5	Lab	LCS	2/6/2017	Metal	Silver	Dissolved	=	49.3	µg/L	EPA 200.8	0.062	0.2			
2016/17-5	Lab	LCS, rec	2/6/2017	Metal	Silver	Dissolved	=	99	%	EPA 200.8	-88	-88	85	115	
2016/17-5	Lab	method blank	2/6/2017	Metal	Silver	Dissolved	<	0.062	µg/L	EPA 200.8	0.062	0.2			
2016/17-5	Lab	LCS	2/6/2017	Metal	Silver	Dissolved	=	47.3	µg/L	EPA 200.8	0.062	0.2			
2016/17-5	Lab	LCS, rec	2/6/2017	Metal	Silver	Dissolved	=	95	%	EPA 200.8	-88	-88	85	115	
2016/17-5	Lab	method blank	2/6/2017	Metal	Silver	Total	<	0.062	µg/L	EPA 200.8	0.062	0.2			
2016/17-5	Lab	LCS	2/6/2017	Metal	Silver	Total	=	49.3	µg/L	EPA 200.8	0.062	0.2			
2016/17-5	Lab	LCS, rec	2/6/2017	Metal	Silver	Total	=	99	%	EPA 200.8	-88	-88	85	115	
2016/17-5	Lab	method blank	2/6/2017	Metal	Silver	Total	<	0.062	µg/L	EPA 200.8	0.062	0.2			
2016/17-5	Lab	LCS	2/6/2017	Metal	Silver	Total	=	47.3	µg/L	EPA 200.8	0.062	0.2			
2016/17-5	Lab	LCS, rec	2/6/2017	Metal	Silver	Total	=	95	%	EPA 200.8	-88	-88	85	115	
2016/17-5	ME-VR2	matrix spike	2/6/2017	Metal	Silver	Total	=	42.7	µg/L	EPA 200.8	0.062	0.2			
2016/17-5	ME-VR2	matrix spike, rec	2/6/2017	Metal	Silver	Total	=	85	%	EPA 200.8	-88	-88	70	130	
2016/17-5	ME-VR2	matrix spike dup	2/6/2017	Metal	Silver	Total	=	42.7	µg/L	EPA 200.8	0.062	0.2			
2016/17-5	ME-VR2	matrix spike dup, rec	2/6/2017	Metal	Silver	Total	=	85	%	EPA 200.8	-88	-88	70	130	
2016/17-5	ME-VR2	matrix spike, RPD	2/6/2017	Metal	Silver	Total	=	0.1	%	EPA 200.8	-88	-88	0	30	
2016/17-5	MO-VEN	matrix spike	2/6/2017	Metal	Silver	Total	=	47.7	µg/L	EPA 200.8	0.062	0.2			
2016/17-5	MO-VEN	matrix spike, rec	2/6/2017	Metal	Silver	Total	=	95	%	EPA 200.8	-88	-88	70	130	
2016/17-5	MO-VEN	matrix spike dup	2/6/2017	Metal	Silver	Total	=	45.9	µg/L	EPA 200.8	0.062	0.2			
2016/17-5	MO-VEN	matrix spike dup, rec	2/6/2017	Metal	Silver	Total	=	92	%	EPA 200.8	-88	-88	70	130	
2016/17-5	MO-VEN	matrix spike, RPD	2/6/2017	Metal	Silver	Total	=	4	%	EPA 200.8	-88	-88	0	30	
2016/17-5	Lab	method blank	2/6/2017	Metal	Thallium	Dissolved	<	0.014	µg/L	EPA 200.8	0.014	0.2			
2016/17-5	Lab	LCS	2/6/2017	Metal	Thallium	Dissolved	=	50.4	µg/L	EPA 200.8	0.014	0.2			
2016/17-5	Lab	LCS, rec	2/6/2017	Metal	Thallium	Dissolved	=	101	%	EPA 200.8	-88	-88	85	115	
2016/17-5	Lab	method blank	2/6/2017	Metal	Thallium	Dissolved	<	0.014	µg/L	EPA 200.8	0.014	0.2			
2016/17-5	Lab	LCS	2/6/2017	Metal	Thallium	Dissolved	=	49.4	µg/L	EPA 200.8	0.014	0.2			
2016/17-5	Lab	LCS, rec	2/6/2017	Metal	Thallium	Dissolved	=	99	%	EPA 200.8	-88	-88	85	115	
2016/17-5	Lab	method blank	2/6/2017	Metal	Thallium	Total	<	0.014	µg/L	EPA 200.8	0.014	0.2			
2016/17-5	Lab	LCS	2/6/2017	Metal	Thallium	Total	=	50.4	µg/L	EPA 200.8	0.014	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	
2016/17-5	Lab	LCS, rec	2/6/2017	Metal	Thallium	Total	=	101	%	EPA 200.8	-88	-88	85	115	
2016/17-5	Lab	method blank	2/6/2017	Metal	Thallium	Total	<	0.014	µg/L	EPA 200.8	0.014	0.2			
2016/17-5	Lab	LCS	2/6/2017	Metal	Thallium	Total	=	49.4	µg/L	EPA 200.8	0.014	0.2			
2016/17-5	Lab	LCS, rec	2/6/2017	Metal	Thallium	Total	=	99	%	EPA 200.8	-88	-88	85	115	
2016/17-5	ME-VR2	matrix spike	2/6/2017	Metal	Thallium	Total	=	48	µg/L	EPA 200.8	0.014	0.2			
2016/17-5	ME-VR2	matrix spike, rec	2/6/2017	Metal	Thallium	Total	=	96	%	EPA 200.8	-88	-88	70	130	
2016/17-5	ME-VR2	matrix spike dup	2/6/2017	Metal	Thallium	Total	=	48.3	µg/L	EPA 200.8	0.014	0.2			
2016/17-5	ME-VR2	matrix spike dup, rec	2/6/2017	Metal	Thallium	Total	=	97	%	EPA 200.8	-88	-88	70	130	
2016/17-5	ME-VR2	matrix spike, RPD	2/6/2017	Metal	Thallium	Total	=	0.6	%	EPA 200.8	-88	-88	0	30	
2016/17-5	MO-VEN	matrix spike	2/6/2017	Metal	Thallium	Total	=	50.2	µg/L	EPA 200.8	0.014	0.2			
2016/17-5	MO-VEN	matrix spike, rec	2/6/2017	Metal	Thallium	Total	=	100	%	EPA 200.8	-88	-88	70	130	
2016/17-5	MO-VEN	matrix spike dup	2/6/2017	Metal	Thallium	Total	=	47.6	µg/L	EPA 200.8	0.014	0.2			
2016/17-5	MO-VEN	matrix spike dup, rec	2/6/2017	Metal	Thallium	Total	=	95	%	EPA 200.8	-88	-88	70	130	
2016/17-5	MO-VEN	matrix spike, RPD	2/6/2017	Metal	Thallium	Total	=	5	%	EPA 200.8	-88	-88	0	30	
2016/17-5	Lab	method blank	2/6/2017	Metal	Zinc	Dissolved	DNQ	1.67	µg/L	EPA 200.8	0.94	5			IP
2016/17-5	Lab	LCS	2/6/2017	Metal	Zinc	Dissolved	=	53.2	µg/L	EPA 200.8	0.94	5			
2016/17-5	Lab	LCS, rec	2/6/2017	Metal	Zinc	Dissolved	=	106	%	EPA 200.8	-88	-88	85	115	
2016/17-5	Lab	method blank	2/6/2017	Metal	Zinc	Dissolved	DNQ	0.992	µg/L	EPA 200.8	0.94	5			IP
2016/17-5	Lab	LCS	2/6/2017	Metal	Zinc	Dissolved	=	53.8	µg/L	EPA 200.8	0.94	5			
2016/17-5	Lab	LCS, rec	2/6/2017	Metal	Zinc	Dissolved	=	108	%	EPA 200.8	-88	-88	85	115	
2016/17-5	Lab	method blank	2/6/2017	Metal	Zinc	Total	<	0.94	µg/L	EPA 200.8	0.94	5			
2016/17-5	Lab	LCS	2/6/2017	Metal	Zinc	Total	=	53.2	µg/L	EPA 200.8	0.94	5			
2016/17-5	Lab	LCS, rec	2/6/2017	Metal	Zinc	Total	=	106	%	EPA 200.8	-88	-88	85	115	
2016/17-5	Lab	method blank	2/6/2017	Metal	Zinc	Total	<	0.94	µg/L	EPA 200.8	0.94	5			
2016/17-5	Lab	LCS	2/6/2017	Metal	Zinc	Total	=	53.8	µg/L	EPA 200.8	0.94	5			
2016/17-5	Lab	LCS, rec	2/6/2017	Metal	Zinc	Total	=	108	%	EPA 200.8	-88	-88	85	115	
2016/17-5	ME-VR2	matrix spike	2/6/2017	Metal	Zinc	Total	=	50.8	µg/L	EPA 200.8	0.94	5			
2016/17-5	ME-VR2	matrix spike, rec	2/6/2017	Metal	Zinc	Total	=	93	%	EPA 200.8	-88	-88	70	130	
2016/17-5	ME-VR2	matrix spike dup	2/6/2017	Metal	Zinc	Total	=	50.9	µg/L	EPA 200.8	0.94	5			
2016/17-5	ME-VR2	matrix spike dup, rec	2/6/2017	Metal	Zinc	Total	=	93	%	EPA 200.8	-88	-88	70	130	
2016/17-5	ME-VR2	matrix spike, RPD	2/6/2017	Metal	Zinc	Total	=	0.2	%	EPA 200.8	-88	-88	0	30	
2016/17-5	MO-VEN	matrix spike	2/6/2017	Metal	Zinc	Total	=	154	µg/L	EPA 200.8	0.94	5			
2016/17-5	MO-VEN	matrix spike, rec	2/6/2017	Metal	Zinc	Total	=	104	%	EPA 200.8	-88	-88	70	130	
2016/17-5	MO-VEN	matrix spike dup	2/6/2017	Metal	Zinc	Total	=	145	µg/L	EPA 200.8	0.94	5			
2016/17-5	MO-VEN	matrix spike dup, rec	2/6/2017	Metal	Zinc	Total	=	85	%	EPA 200.8	-88	-88	70	130	
2016/17-5	MO-VEN	matrix spike, RPD	2/6/2017	Metal	Zinc	Total	=	6	%	EPA 200.8	-88	-88	0	30	
2016/17-5	000NONPJ	matrix spike	1/31/2017	Nutrient	Ammonia as N	n/a	=	0.461	mg/L	EPA 350.1	0.048	0.1			
2016/17-5	000NONPJ	matrix spike	1/31/2017	Nutrient	Ammonia as N	n/a	=	0.359	mg/L	EPA 350.1	0.048	0.1			
2016/17-5	000NONPJ	matrix spike dup	1/31/2017	Nutrient	Ammonia as N	n/a	=	0.369	mg/L	EPA 350.1	0.048	0.1			
2016/17-5	000NONPJ	matrix spike dup	1/31/2017	Nutrient	Ammonia as N	n/a	=	0.467	mg/L	EPA 350.1	0.048	0.1			
2016/17-5	000NONPJ	matrix spike dup, rec	1/31/2017	Nutrient	Ammonia as N	n/a	=	100	%	EPA 350.1	-88	-88	90	110	
2016/17-5	000NONPJ	matrix spike dup, rec	1/31/2017	Nutrient	Ammonia as N	n/a	=	100	%	EPA 350.1	-88	-88	90	110	
2016/17-5	000NONPJ	matrix spike, rec	1/31/2017	Nutrient	Ammonia as N	n/a	=	97	%	EPA 350.1	-88	-88	90	110	
2016/17-5	000NONPJ	matrix spike, rec	1/31/2017	Nutrient	Ammonia as N	n/a	=	96	%	EPA 350.1	-88	-88	90	110	
2016/17-5	000NONPJ	matrix spike, RPD	1/31/2017	Nutrient	Ammonia as N	n/a	=	1	%	EPA 350.1	-88	-88	0	15	
2016/17-5	000NONPJ	matrix spike, RPD	1/31/2017	Nutrient	Ammonia as N	n/a	=	3	%	EPA 350.1	-88	-88	0	15	
2016/17-5	Lab	LCS	1/31/2017	Nutrient	Ammonia as N	n/a	=	0.255	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	
2016/17-5	Lab	LCS	1/31/2017	Nutrient	Ammonia as N	n/a	=	0.252	mg/L	EPA 350.1	0.048	0.1			
2016/17-5	Lab	LCS, rec	1/31/2017	Nutrient	Ammonia as N	n/a	=	102	%	EPA 350.1	-88	-88	90	110	
2016/17-5	Lab	LCS, rec	1/31/2017	Nutrient	Ammonia as N	n/a	=	101	%	EPA 350.1	-88	-88	90	110	
2016/17-5	Lab	method blank	1/31/2017	Nutrient	Ammonia as N	n/a	<	0.048	mg/L	EPA 350.1	0.048	0.1			
2016/17-5	Lab	method blank	1/31/2017	Nutrient	Ammonia as N	n/a	<	0.048	mg/L	EPA 350.1	0.048	0.1			
2016/17-5	000NONPJ	matrix spike	1/20/2017	Nutrient	Nitrate + Nitrite as N	n/a	=	2.2	mg/L	EPA 353.2	0.041	0.1			
2016/17-5	000NONPJ	matrix spike, rec	1/20/2017	Nutrient	Nitrate + Nitrite as N	n/a	=	95	%	EPA 353.2	-88	-88	90	110	
2016/17-5	000NONPJ	matrix spike dup	1/20/2017	Nutrient	Nitrate + Nitrite as N	n/a	=	2.2	mg/L	EPA 353.2	0.041	0.1			
2016/17-5	000NONPJ	matrix spike dup, rec	1/20/2017	Nutrient	Nitrate + Nitrite as N	n/a	=	95	%	EPA 353.2	-88	-88	90	110	
2016/17-5	000NONPJ	matrix spike, RPD	1/20/2017	Nutrient	Nitrate + Nitrite as N	n/a	=	0.3	%	EPA 353.2	-88	-88	0	20	
2016/17-5	000NONPJ	matrix spike	1/20/2017	Nutrient	Nitrate + Nitrite as N	n/a	=	2.16	mg/L	EPA 353.2	0.041	0.1			
2016/17-5	000NONPJ	matrix spike, rec	1/20/2017	Nutrient	Nitrate + Nitrite as N	n/a	=	91	%	EPA 353.2	-88	-88	90	110	
2016/17-5	000NONPJ	matrix spike dup	1/20/2017	Nutrient	Nitrate + Nitrite as N	n/a	=	2.18	mg/L	EPA 353.2	0.041	0.1			
2016/17-5	000NONPJ	matrix spike dup, rec	1/20/2017	Nutrient	Nitrate + Nitrite as N	n/a	=	92	%	EPA 353.2	-88	-88	90	110	
2016/17-5	000NONPJ	matrix spike, RPD	1/20/2017	Nutrient	Nitrate + Nitrite as N	n/a	=	1	%	EPA 353.2	-88	-88	0	20	
2016/17-5	Lab	method blank	1/20/2017	Nutrient	Nitrate + Nitrite as N	n/a	<	0.041	mg/L	EPA 353.2	0.041	0.1			
2016/17-5	Lab	LCS	1/20/2017	Nutrient	Nitrate + Nitrite as N	n/a	=	0.992	mg/L	EPA 353.2	0.041	0.1			
2016/17-5	Lab	LCS, rec	1/20/2017	Nutrient	Nitrate + Nitrite as N	n/a	=	99	%	EPA 353.2	-88	-88	90	110	
2016/17-5	000NONPJ	matrix spike	2/1/2017	Nutrient	Phosphorus as P	Dissolved	=	0.175	mg/L	EPA 365.1	0.0014	0.01			
2016/17-5	000NONPJ	matrix spike, rec	2/1/2017	Nutrient	Phosphorus as P	Dissolved	=	104	%	EPA 365.1	-88	-88	90	110	
2016/17-5	000NONPJ	matrix spike dup	2/1/2017	Nutrient	Phosphorus as P	Dissolved	=	0.174	mg/L	EPA 365.1	0.0014	0.01			
2016/17-5	000NONPJ	matrix spike dup, rec	2/1/2017	Nutrient	Phosphorus as P	Dissolved	=	102	%	EPA 365.1	-88	-88	90	110	
2016/17-5	000NONPJ	matrix spike, RPD	2/1/2017	Nutrient	Phosphorus as P	Dissolved	=	0.6	%	EPA 365.1	-88	-88	0	20	
2016/17-5	000NONPJ	matrix spike	2/1/2017	Nutrient	Phosphorus as P	Dissolved	=	0.44	mg/L	EPA 365.1	0.0028	0.02			
2016/17-5	000NONPJ	matrix spike, rec	2/1/2017	Nutrient	Phosphorus as P	Dissolved	=	92	%	EPA 365.1	-88	-88	90	110	
2016/17-5	000NONPJ	matrix spike dup	2/1/2017	Nutrient	Phosphorus as P	Dissolved	=	0.452	mg/L	EPA 365.1	0.0028	0.02			
2016/17-5	000NONPJ	matrix spike dup, rec	2/1/2017	Nutrient	Phosphorus as P	Dissolved	=	104	%	EPA 365.1	-88	-88	90	110	
2016/17-5	000NONPJ	matrix spike, RPD	2/1/2017	Nutrient	Phosphorus as P	Dissolved	=	3	%	EPA 365.1	-88	-88	0	20	
2016/17-5	000NONPJ	lab duplicate	2/1/2017	Nutrient	Phosphorus as P	Dissolved	<	0.0014	mg/L	EPA 365.1	0.0014	0.01		20	
2016/17-5	Lab	method blank	2/1/2017	Nutrient	Phosphorus as P	Dissolved	<	0.0014	mg/L	EPA 365.1	0.0014	0.01			
2016/17-5	Lab	LCS	2/1/2017	Nutrient	Phosphorus as P	Dissolved	=	0.0499	mg/L	EPA 365.1	0.0014	0.01			
2016/17-5	Lab	LCS, rec	2/1/2017	Nutrient	Phosphorus as P	Dissolved	=	100	%	EPA 365.1	-88	-88	90	110	
2016/17-5	000NONPJ	matrix spike	2/1/2017	Nutrient	Phosphorus as P	Total	=	0.472	mg/L	EPA 365.1	0.0056	0.04			
2016/17-5	000NONPJ	matrix spike, rec	2/1/2017	Nutrient	Phosphorus as P	Total	=	102	%	EPA 365.1	-88	-88	90	110	
2016/17-5	000NONPJ	matrix spike dup	2/1/2017	Nutrient	Phosphorus as P	Total	=	0.476	mg/L	EPA 365.1	0.0056	0.04			
2016/17-5	000NONPJ	matrix spike dup, rec	2/1/2017	Nutrient	Phosphorus as P	Total	=	106	%	EPA 365.1	-88	-88	90	110	
2016/17-5	000NONPJ	matrix spike, RPD	2/1/2017	Nutrient	Phosphorus as P	Total	=	0.8	%	EPA 365.1	-88	-88	0	20	
2016/17-5	Lab	method blank	2/1/2017	Nutrient	Phosphorus as P	Total	<	0.0014	mg/L	EPA 365.1	0.0014	0.01			
2016/17-5	Lab	LCS	2/1/2017	Nutrient	Phosphorus as P	Total	=	0.0496	mg/L	EPA 365.1	0.0014	0.01			
2016/17-5	Lab	LCS, rec	2/1/2017	Nutrient	Phosphorus as P	Total	=	99	%	EPA 365.1	-88	-88	90	110	
2016/17-5	ME-VR2	lab duplicate	2/1/2017	Nutrient	Phosphorus as P	Total	=	0.0956	mg/L	EPA 365.1	0.0014	0.01		20	
2016/17-5	ME-VR2	matrix spike	2/1/2017	Nutrient	Phosphorus as P	Total	=	0.147	mg/L	EPA 365.1	0.0014	0.01			
2016/17-5	ME-VR2	matrix spike, rec	2/1/2017	Nutrient	Phosphorus as P	Total	=	104	%	EPA 365.1	-88	-88	90	110	
2016/17-5	ME-VR2	matrix spike dup	2/1/2017	Nutrient	Phosphorus as P	Total	=	0.148	mg/L	EPA 365.1	0.0014	0.01			
2016/17-5	ME-VR2	matrix spike dup, rec	2/1/2017	Nutrient	Phosphorus as P	Total	=	106	%	EPA 365.1	-88	-88	90	110	
2016/17-5	ME-VR2	matrix spike, RPD	2/1/2017	Nutrient	Phosphorus as P	Total	=	0.7	%	EPA 365.1	-88	-88	0	20	
2016/17-5	000NONPJ	matrix spike	1/25/2017	Nutrient	TKN	n/a	=	1.32	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	
2016/17-5	000NONPJ	matrix spike	1/25/2017	Nutrient	TKN	n/a	=	1.23	mg/L	EPA 351.2	0.05	0.1			
2016/17-5	000NONPJ	matrix spike dup	1/25/2017	Nutrient	TKN	n/a	=	1.38	mg/L	EPA 351.2	0.05	0.1			GB
2016/17-5	000NONPJ	matrix spike dup	1/25/2017	Nutrient	TKN	n/a	=	1.21	mg/L	EPA 351.2	0.05	0.1			
2016/17-5	000NONPJ	matrix spike dup, rec	1/25/2017	Nutrient	TKN	n/a	=	101	%	EPA 351.2	-88	-88	90	110	
2016/17-5	000NONPJ	matrix spike dup, rec	1/25/2017	Nutrient	TKN	n/a	=	114	%	EPA 351.2	-88	-88	90	110	GB
2016/17-5	000NONPJ	matrix spike, rec	1/25/2017	Nutrient	TKN	n/a	=	103	%	EPA 351.2	-88	-88	90	110	
2016/17-5	000NONPJ	matrix spike, rec	1/25/2017	Nutrient	TKN	n/a	=	108	%	EPA 351.2	-88	-88	90	110	
2016/17-5	000NONPJ	matrix spike, RPD	1/25/2017	Nutrient	TKN	n/a	=	2	%	EPA 351.2	-88	-88	0	10	
2016/17-5	000NONPJ	matrix spike, RPD	1/25/2017	Nutrient	TKN	n/a	=	5	%	EPA 351.2	-88	-88	0	10	GB
2016/17-5	Lab	LCS	1/25/2017	Nutrient	TKN	n/a	=	1.01	mg/L	EPA 351.2	0.05	0.1			
2016/17-5	Lab	LCS	1/25/2017	Nutrient	TKN	n/a	=	1.03	mg/L	EPA 351.2	0.05	0.1			
2016/17-5	Lab	LCS, rec	1/25/2017	Nutrient	TKN	n/a	=	103	%	EPA 351.2	-88	-88	90	110	
2016/17-5	Lab	LCS, rec	1/25/2017	Nutrient	TKN	n/a	=	101	%	EPA 351.2	-88	-88	90	110	
2016/17-5	Lab	method blank	1/25/2017	Nutrient	TKN	n/a	<	0.05	mg/L	EPA 351.2	0.05	0.1			
2016/17-5	Lab	method blank	1/25/2017	Nutrient	TKN	n/a	<	0.05	mg/L	EPA 351.2	0.05	0.1			
2016/17-5	Lab	method blank	2/11/2017	Organic	1,2,4-Trichlorobenzene	n/a	<	0.55	µg/L	EPA 625	0.55	1			
2016/17-5	Lab	LCS	2/11/2017	Organic	1,2,4-Trichlorobenzene	n/a	=	20.9	µg/L	EPA 625	0.55	1			
2016/17-5	Lab	LCS, rec	2/11/2017	Organic	1,2,4-Trichlorobenzene	n/a	=	84	%	EPA 625	-88	-88	44	142	
2016/17-5	Lab	LCS dup	2/11/2017	Organic	1,2,4-Trichlorobenzene	n/a	=	20.6	µg/L	EPA 625	0.55	1			
2016/17-5	Lab	LCS dup, rec	2/11/2017	Organic	1,2,4-Trichlorobenzene	n/a	=	83	%	EPA 625	-88	-88	44	142	
2016/17-5	Lab	LCS, RPD	2/11/2017	Organic	1,2,4-Trichlorobenzene	n/a	=	1	%	EPA 625	-88	-88	0	30	
2016/17-5	Lab	method blank	2/11/2017	Organic	1,2-Dichlorobenzene	n/a	<	0.57	µg/L	EPA 625	0.57	1			
2016/17-5	Lab	LCS	2/11/2017	Organic	1,2-Dichlorobenzene	n/a	=	21.4	µg/L	EPA 625	0.57	1			
2016/17-5	Lab	LCS, rec	2/11/2017	Organic	1,2-Dichlorobenzene	n/a	=	86	%	EPA 625	-88	-88	32	129	
2016/17-5	Lab	LCS dup	2/11/2017	Organic	1,2-Dichlorobenzene	n/a	=	20.8	µg/L	EPA 625	0.57	1			
2016/17-5	Lab	LCS dup, rec	2/11/2017	Organic	1,2-Dichlorobenzene	n/a	=	83	%	EPA 625	-88	-88	32	129	
2016/17-5	Lab	LCS, RPD	2/11/2017	Organic	1,2-Dichlorobenzene	n/a	=	3	%	EPA 625	-88	-88	0	30	
2016/17-5	Lab	srgt LCS	1/20/2017	Organic	1,2-Dichloroethane-d4	n/a	=	50.6	µg/L	EPA 624	-88	-88			
2016/17-5	Lab	srgt LCS, rec	1/20/2017	Organic	1,2-Dichloroethane-d4	n/a	=	101	%	EPA 624	-88	-88	82	125	
2016/17-5	Lab	srgt LCS dup	1/20/2017	Organic	1,2-Dichloroethane-d4	n/a	=	51	µg/L	EPA 624	-88	-88			
2016/17-5	Lab	srgt LCS dup, rec	1/20/2017	Organic	1,2-Dichloroethane-d4	n/a	=	102	%	EPA 624	-88	-88	82	125	
2016/17-5	Lab	srgt method blank	1/20/2017	Organic	1,2-Dichloroethane-d4	n/a	=	51.8	µg/L	EPA 624	-88	-88			
2016/17-5	Lab	srgt method blank, rec	1/20/2017	Organic	1,2-Dichloroethane-d4	n/a	=	104	%	EPA 624	-88	-88	82	125	
2016/17-5	ME-SCR	srgt environ	1/20/2017	Organic	1,2-Dichloroethane-d4	n/a	=	50.4	µg/L	EPA 624	-88	-88			
2016/17-5	ME-SCR	srgt environ, rec	1/20/2017	Organic	1,2-Dichloroethane-d4	n/a	=	101	%	EPA 624	-88	-88	82	125	
2016/17-5	ME-SCR	srgt matrix spike	1/21/2017	Organic	1,2-Dichloroethane-d4	n/a	=	52.6	µg/L	EPA 624	-88	-88			
2016/17-5	ME-SCR	srgt matrix spike, rec	1/21/2017	Organic	1,2-Dichloroethane-d4	n/a	=	105	%	EPA 624	-88	-88	82	125	
2016/17-5	ME-SCR	srgt matrix spike dup	1/21/2017	Organic	1,2-Dichloroethane-d4	n/a	=	50	µg/L	EPA 624	-88	-88			
2016/17-5	ME-SCR	srgt matrix spike dup, rec	1/21/2017	Organic	1,2-Dichloroethane-d4	n/a	=	100	%	EPA 624	-88	-88	82	125	
2016/17-5	ME-VR2	srgt environ	1/20/2017	Organic	1,2-Dichloroethane-d4	n/a	=	50	µg/L	EPA 624	-88	-88			
2016/17-5	ME-VR2	srgt environ, rec	1/20/2017	Organic	1,2-Dichloroethane-d4	n/a	=	100	%	EPA 624	-88	-88	82	125	
2016/17-5	MO-CAM	srgt environ	1/20/2017	Organic	1,2-Dichloroethane-d4	n/a	=	49.8	µg/L	EPA 624	-88	-88			
2016/17-5	MO-CAM	srgt environ, rec	1/20/2017	Organic	1,2-Dichloroethane-d4	n/a	=	100	%	EPA 624	-88	-88	82	125	
2016/17-5	MO-HUE	srgt environ	1/20/2017	Organic	1,2-Dichloroethane-d4	n/a	=	53.2	µg/L	EPA 624	-88	-88			
2016/17-5	MO-HUE	srgt environ, rec	1/20/2017	Organic	1,2-Dichloroethane-d4	n/a	=	106	%	EPA 624	-88	-88	82	125	
2016/17-5	MO-MEI	srgt environ	1/20/2017	Organic	1,2-Dichloroethane-d4	n/a	=	52.6	µg/L	EPA 624	-88	-88			
2016/17-5	MO-MEI	srgt environ, rec	1/20/2017	Organic	1,2-Dichloroethane-d4	n/a	=	105	%	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	
2016/17-5	MO-OJA	srgt environ	1/20/2017	Organic	1,2-Dichloroethane-d4	n/a	=	51.2	µg/L	EPA 624	-88	-88			
2016/17-5	MO-OJA	srgt environ, rec	1/20/2017	Organic	1,2-Dichloroethane-d4	n/a	=	102	%	EPA 624	-88	-88	82	125	
2016/17-5	MO-VEN	srgt environ	1/20/2017	Organic	1,2-Dichloroethane-d4	n/a	=	51.8	µg/L	EPA 624	-88	-88			
2016/17-5	MO-VEN	srgt environ, rec	1/20/2017	Organic	1,2-Dichloroethane-d4	n/a	=	104	%	EPA 624	-88	-88	82	125	
2016/17-5	Lab	method blank	2/11/2017	Organic	1,2-Diphenylhydrazine	n/a	<	0.25	µg/L	EPA 625	0.25	1			
2016/17-5	Lab	method blank	2/11/2017	Organic	1,3-Dichlorobenzene	n/a	<	0.53	µg/L	EPA 625	0.53	1			
2016/17-5	Lab	LCS	2/11/2017	Organic	1,3-Dichlorobenzene	n/a	=	20.9	µg/L	EPA 625	0.53	1			
2016/17-5	Lab	LCS, rec	2/11/2017	Organic	1,3-Dichlorobenzene	n/a	=	84	%	EPA 625	-88	-88	0.1	172	
2016/17-5	Lab	LCS dup	2/11/2017	Organic	1,3-Dichlorobenzene	n/a	=	20.4	µg/L	EPA 625	0.53	1			
2016/17-5	Lab	LCS dup, rec	2/11/2017	Organic	1,3-Dichlorobenzene	n/a	=	81	%	EPA 625	-88	-88	0.1	172	
2016/17-5	Lab	LCS, RPD	2/11/2017	Organic	1,3-Dichlorobenzene	n/a	=	3	%	EPA 625	-88	-88	0	30	
2016/17-5	Lab	srgt method blank	1/27/2017	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	4.25	µg/L	EPA 525.2	-88	-88			
2016/17-5	Lab	srgt method blank, rec	1/27/2017	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	85	%	EPA 525.2	-88	-88	73	138	
2016/17-5	Lab	srgt LCS	1/27/2017	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	4.8	µg/L	EPA 525.2	-88	-88			
2016/17-5	Lab	srgt LCS, rec	1/27/2017	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	96	%	EPA 525.2	-88	-88	73	138	
2016/17-5	Lab	srgt LCS dup	1/27/2017	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	4.34	µg/L	EPA 525.2	-88	-88			
2016/17-5	Lab	srgt LCS dup, rec	1/27/2017	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	87	%	EPA 525.2	-88	-88	73	138	
2016/17-5	Lab	srgt method blank	1/30/2017	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	4.26	µg/L	EPA 525.2	-88	-88			
2016/17-5	Lab	srgt method blank, rec	1/30/2017	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	85	%	EPA 525.2	-88	-88	73	138	
2016/17-5	Lab	srgt LCS	1/30/2017	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	4.94	µg/L	EPA 525.2	-88	-88			
2016/17-5	Lab	srgt LCS, rec	1/30/2017	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	99	%	EPA 525.2	-88	-88	73	138	
2016/17-5	Lab	srgt LCS dup	1/30/2017	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	4.47	µg/L	EPA 525.2	-88	-88			
2016/17-5	Lab	srgt LCS dup, rec	1/30/2017	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	89	%	EPA 525.2	-88	-88	73	138	
2016/17-5	Lab	srgt method blank	2/6/2017	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	0.446	µg/L	EPA 525.2m	-88	-88			
2016/17-5	Lab	srgt method blank, rec	2/6/2017	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	89	%	EPA 525.2m	-88	-88	76	128	
2016/17-5	Lab	srgt LCS	2/6/2017	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	0.48	µg/L	EPA 525.2m	-88	-88			
2016/17-5	Lab	srgt LCS, rec	2/6/2017	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	96	%	EPA 525.2m	-88	-88	76	128	
2016/17-5	ME-SCR	srgt environ	1/30/2017	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	6.35	µg/L	EPA 525.2	-88	-88			
2016/17-5	ME-SCR	srgt environ, rec	1/30/2017	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	108	%	EPA 525.2	-88	-88	73	138	
2016/17-5	ME-SCR	srgt environ	2/6/2017	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	0.486	µg/L	EPA 525.2m	-88	-88			
2016/17-5	ME-SCR	srgt environ, rec	2/6/2017	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	97	%	EPA 525.2m	-88	-88	76	128	
2016/17-5	ME-VR2	srgt environ	1/27/2017	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	6.74	µg/L	EPA 525.2	-88	-88			
2016/17-5	ME-VR2	srgt environ, rec	1/27/2017	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	135	%	EPA 525.2	-88	-88	73	138	
2016/17-5	ME-VR2	srgt environ	2/6/2017	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	0.536	µg/L	EPA 525.2m	-88	-88			
2016/17-5	ME-VR2	srgt environ, rec	2/6/2017	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	107	%	EPA 525.2m	-88	-88	76	128	
2016/17-5	MO-CAM	srgt environ	1/27/2017	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	5.16	µg/L	EPA 525.2	-88	-88			
2016/17-5	MO-CAM	srgt environ, rec	1/27/2017	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	103	%	EPA 525.2	-88	-88	73	138	
2016/17-5	MO-CAM	srgt environ	2/6/2017	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	0.475	µg/L	EPA 525.2m	-88	-88			
2016/17-5	MO-CAM	srgt environ, rec	2/6/2017	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	95	%	EPA 525.2m	-88	-88	76	128	
2016/17-5	MO-HUE	srgt environ	1/27/2017	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	5.62	µg/L	EPA 525.2	-88	-88			
2016/17-5	MO-HUE	srgt environ, rec	1/27/2017	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	112	%	EPA 525.2	-88	-88	73	138	
2016/17-5	MO-HUE	srgt matrix spike	2/6/2017	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	0.569	µg/L	EPA 525.2m	-88	-88			
2016/17-5	MO-HUE	srgt matrix spike, rec	2/6/2017	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	114	%	EPA 525.2m	-88	-88	76	128	
2016/17-5	MO-HUE	srgt matrix spike dup	2/6/2017	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	0.579	µg/L	EPA 525.2m	-88	-88			
2016/17-5	MO-HUE	srgt matrix spike dup, rec	2/6/2017	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	116	%	EPA 525.2m	-88	-88	76	128	
2016/17-5	MO-HUE	srgt environ	2/6/2017	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	0.519	µg/L	EPA 525.2m	-88	-88			
2016/17-5	MO-HUE	srgt environ, rec	2/6/2017	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	104	%	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	
2016/17-5	MO-MEI	srgt environ	1/27/2017	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	4.96	µg/L	EPA 525.2	-88	-88			
2016/17-5	MO-MEI	srgt environ, rec	1/27/2017	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	99	%	EPA 525.2	-88	-88	73	138	
2016/17-5	MO-MEI	srgt environ	2/6/2017	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	0.497	µg/L	EPA 525.2m	-88	-88			
2016/17-5	MO-MEI	srgt environ, rec	2/6/2017	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	99	%	EPA 525.2m	-88	-88	76	128	
2016/17-5	MO-OJA	srgt environ	1/27/2017	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	4.49	µg/L	EPA 525.2	-88	-88			
2016/17-5	MO-OJA	srgt environ, rec	1/27/2017	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	90	%	EPA 525.2	-88	-88	73	138	
2016/17-5	MO-OJA	srgt environ	2/6/2017	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	0.532	µg/L	EPA 525.2m	-88	-88			
2016/17-5	MO-OJA	srgt environ, rec	2/6/2017	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	106	%	EPA 525.2m	-88	-88	76	128	
2016/17-5	MO-VEN	srgt environ	1/27/2017	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	5.32	µg/L	EPA 525.2	-88	-88			
2016/17-5	MO-VEN	srgt environ, rec	1/27/2017	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	106	%	EPA 525.2	-88	-88	73	138	
2016/17-5	MO-VEN	srgt environ	2/6/2017	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	0.51	µg/L	EPA 525.2m	-88	-88			
2016/17-5	MO-VEN	srgt environ, rec	2/6/2017	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	102	%	EPA 525.2m	-88	-88	76	128	
2016/17-5	Lab	method blank	2/11/2017	Organic	1,4-Dichlorobenzene	n/a	<	0.55	µg/L	EPA 625	0.55	1			
2016/17-5	Lab	LCS	2/11/2017	Organic	1,4-Dichlorobenzene	n/a	=	22	µg/L	EPA 625	0.55	1			
2016/17-5	Lab	LCS, rec	2/11/2017	Organic	1,4-Dichlorobenzene	n/a	=	88	%	EPA 625	-88	-88	20	124	
2016/17-5	Lab	LCS dup	2/11/2017	Organic	1,4-Dichlorobenzene	n/a	=	21.2	µg/L	EPA 625	0.55	1			
2016/17-5	Lab	LCS dup, rec	2/11/2017	Organic	1,4-Dichlorobenzene	n/a	=	85	%	EPA 625	-88	-88	20	124	
2016/17-5	Lab	LCS, RPD	2/11/2017	Organic	1,4-Dichlorobenzene	n/a	=	4	%	EPA 625	-88	-88	0	30	
2016/17-5	Lab	method blank	2/7/2017	Organic	1-Methylnaphthalene	n/a	<	0.1	µg/L	EPA 8270C	0.1	0.1			
2016/17-5	Lab	method blank	2/8/2017	Organic	2,4,5-Trichlorophenol	n/a	<	0.29	µg/L	EPA 8270C	0.29	1			
2016/17-5	Lab	srgt method blank	2/8/2017	Organic	2,4,6-Tribromophenol	n/a	=	6.64	µg/L	EPA 8270C	-88	-88			
2016/17-5	Lab	srgt method blank, rec	2/8/2017	Organic	2,4,6-Tribromophenol	n/a	=	66	%	EPA 8270C	-88	-88	26	117	
2016/17-5	Lab	srgt LCS	2/8/2017	Organic	2,4,6-Tribromophenol	n/a	=	7.71	µg/L	EPA 8270C	-88	-88			
2016/17-5	Lab	srgt LCS, rec	2/8/2017	Organic	2,4,6-Tribromophenol	n/a	=	77	%	EPA 8270C	-88	-88	26	117	
2016/17-5	Lab	srgt LCS dup	2/8/2017	Organic	2,4,6-Tribromophenol	n/a	=	8.07	µg/L	EPA 8270C	-88	-88			
2016/17-5	Lab	srgt LCS dup, rec	2/8/2017	Organic	2,4,6-Tribromophenol	n/a	=	81	%	EPA 8270C	-88	-88	26	117	
2016/17-5	Lab	srgt method blank	2/11/2017	Organic	2,4,6-Tribromophenol	n/a	=	21.7	µg/L	EPA 625	-88	-88			
2016/17-5	Lab	srgt method blank, rec	2/11/2017	Organic	2,4,6-Tribromophenol	n/a	=	43	%	EPA 625	-88	-88	25	102	
2016/17-5	Lab	srgt LCS	2/11/2017	Organic	2,4,6-Tribromophenol	n/a	=	39.9	µg/L	EPA 625	-88	-88			
2016/17-5	Lab	srgt LCS, rec	2/11/2017	Organic	2,4,6-Tribromophenol	n/a	=	80	%	EPA 625	-88	-88	25	102	
2016/17-5	Lab	srgt LCS dup	2/11/2017	Organic	2,4,6-Tribromophenol	n/a	=	37.6	µg/L	EPA 625	-88	-88			
2016/17-5	Lab	srgt LCS dup, rec	2/11/2017	Organic	2,4,6-Tribromophenol	n/a	=	75	%	EPA 625	-88	-88	25	102	
2016/17-5	ME-SCR	srgt environ	2/8/2017	Organic	2,4,6-Tribromophenol	n/a	=	34.2	µg/L	EPA 8270C	-88	-88			
2016/17-5	ME-SCR	srgt environ, rec	2/8/2017	Organic	2,4,6-Tribromophenol	n/a	=	34	%	EPA 8270C	-88	-88	26	117	
2016/17-5	ME-SCR	srgt environ	2/11/2017	Organic	2,4,6-Tribromophenol	n/a	=	39.4	µg/L	EPA 625	-88	-88			
2016/17-5	ME-SCR	srgt environ, rec	2/11/2017	Organic	2,4,6-Tribromophenol	n/a	=	71	%	EPA 625	-88	-88	25	102	
2016/17-5	ME-VR2	srgt environ	2/8/2017	Organic	2,4,6-Tribromophenol	n/a	=	8.3	µg/L	EPA 8270C	-88	-88			
2016/17-5	ME-VR2	srgt environ, rec	2/8/2017	Organic	2,4,6-Tribromophenol	n/a	=	83	%	EPA 8270C	-88	-88	26	117	
2016/17-5	ME-VR2	srgt environ	2/11/2017	Organic	2,4,6-Tribromophenol	n/a	=	31.2	µg/L	EPA 625	-88	-88			
2016/17-5	ME-VR2	srgt environ, rec	2/11/2017	Organic	2,4,6-Tribromophenol	n/a	=	62	%	EPA 625	-88	-88	25	102	
2016/17-5	MO-CAM	srgt environ	2/8/2017	Organic	2,4,6-Tribromophenol	n/a	=	5.85	µg/L	EPA 8270C	-88	-88			
2016/17-5	MO-CAM	srgt environ, rec	2/8/2017	Organic	2,4,6-Tribromophenol	n/a	=	58	%	EPA 8270C	-88	-88	26	117	
2016/17-5	MO-CAM	srgt environ	2/11/2017	Organic	2,4,6-Tribromophenol	n/a	=	31	µg/L	EPA 625	-88	-88			
2016/17-5	MO-CAM	srgt environ, rec	2/11/2017	Organic	2,4,6-Tribromophenol	n/a	=	62	%	EPA 625	-88	-88	25	102	
2016/17-5	MO-HUE	srgt environ	2/8/2017	Organic	2,4,6-Tribromophenol	n/a	=	7.82	µg/L	EPA 8270C	-88	-88			
2016/17-5	MO-HUE	srgt environ, rec	2/8/2017	Organic	2,4,6-Tribromophenol	n/a	=	78	%	EPA 8270C	-88	-88	26	117	
2016/17-5	MO-HUE	srgt environ	2/11/2017	Organic	2,4,6-Tribromophenol	n/a	=	32.9	µg/L	EPA 625	-88	-88			

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2016/17-5	MO-HUE	srgt environ, rec	2/11/2017	Organic	2,4,6-Tribromophenol	n/a	=	66	%	EPA 625	-88	-88	25	102	
2016/17-5	MO-MEI	srgt environ	2/8/2017	Organic	2,4,6-Tribromophenol	n/a	=	4.15	µg/L	EPA 8270C	-88	-88			
2016/17-5	MO-MEI	srgt environ, rec	2/8/2017	Organic	2,4,6-Tribromophenol	n/a	=	42	%	EPA 8270C	-88	-88	26	117	
2016/17-5	MO-MEI	srgt environ	2/11/2017	Organic	2,4,6-Tribromophenol	n/a	=	36.4	µg/L	EPA 625	-88	-88			
2016/17-5	MO-MEI	srgt environ, rec	2/11/2017	Organic	2,4,6-Tribromophenol	n/a	=	73	%	EPA 625	-88	-88	25	102	
2016/17-5	MO-OJA	srgt environ	2/8/2017	Organic	2,4,6-Tribromophenol	n/a	=	4.25	µg/L	EPA 8270C	-88	-88			
2016/17-5	MO-OJA	srgt environ, rec	2/8/2017	Organic	2,4,6-Tribromophenol	n/a	=	42	%	EPA 8270C	-88	-88	26	117	
2016/17-5	MO-OJA	srgt environ	2/11/2017	Organic	2,4,6-Tribromophenol	n/a	=	34.3	µg/L	EPA 625	-88	-88			
2016/17-5	MO-OJA	srgt environ, rec	2/11/2017	Organic	2,4,6-Tribromophenol	n/a	=	65	%	EPA 625	-88	-88	25	102	
2016/17-5	MO-VEN	srgt environ	2/8/2017	Organic	2,4,6-Tribromophenol	n/a	=	5.8	µg/L	EPA 8270C	-88	-88			
2016/17-5	MO-VEN	srgt environ, rec	2/8/2017	Organic	2,4,6-Tribromophenol	n/a	=	58	%	EPA 8270C	-88	-88	26	117	
2016/17-5	MO-VEN	srgt environ	2/11/2017	Organic	2,4,6-Tribromophenol	n/a	=	27	µg/L	EPA 625	-88	-88			
2016/17-5	MO-VEN	srgt environ, rec	2/11/2017	Organic	2,4,6-Tribromophenol	n/a	=	54	%	EPA 625	-88	-88	25	102	
2016/17-5	Lab	method blank	2/8/2017	Organic	2,4,6-Trichlorophenol	n/a	<	0.3	µg/L	EPA 8270C	0.3	1			
2016/17-5	Lab	LCS	2/8/2017	Organic	2,4,6-Trichlorophenol	n/a	=	8.6	µg/L	EPA 8270C	0.3	1			
2016/17-5	Lab	LCS, rec	2/8/2017	Organic	2,4,6-Trichlorophenol	n/a	=	86	%	EPA 8270C	-88	-88	30	115	
2016/17-5	Lab	LCS dup	2/8/2017	Organic	2,4,6-Trichlorophenol	n/a	=	9.64	µg/L	EPA 8270C	0.3	1			
2016/17-5	Lab	LCS dup, rec	2/8/2017	Organic	2,4,6-Trichlorophenol	n/a	=	96	%	EPA 8270C	-88	-88	30	115	
2016/17-5	Lab	LCS, RPD	2/8/2017	Organic	2,4,6-Trichlorophenol	n/a	=	11	%	EPA 8270C	-88	-88	0	30	
2016/17-5	Lab	method blank	2/11/2017	Organic	2,4,6-Trichlorophenol	n/a	<	0.22	µg/L	EPA 625	0.22	1			
2016/17-5	Lab	LCS	2/11/2017	Organic	2,4,6-Trichlorophenol	n/a	=	18.8	µg/L	EPA 625	0.22	1			
2016/17-5	Lab	LCS, rec	2/11/2017	Organic	2,4,6-Trichlorophenol	n/a	=	75	%	EPA 625	-88	-88	37	144	
2016/17-5	Lab	LCS dup	2/11/2017	Organic	2,4,6-Trichlorophenol	n/a	=	19	µg/L	EPA 625	0.22	1			
2016/17-5	Lab	LCS dup, rec	2/11/2017	Organic	2,4,6-Trichlorophenol	n/a	=	76	%	EPA 625	-88	-88	37	144	
2016/17-5	Lab	LCS, RPD	2/11/2017	Organic	2,4,6-Trichlorophenol	n/a	=	1	%	EPA 625	-88	-88	0	30	
2016/17-5	Lab	method blank	2/8/2017	Organic	2,4-Dichlorophenol	n/a	<	0.51	µg/L	EPA 8270C	0.51	1			
2016/17-5	Lab	LCS	2/8/2017	Organic	2,4-Dichlorophenol	n/a	=	7.85	µg/L	EPA 8270C	0.51	1			
2016/17-5	Lab	LCS, rec	2/8/2017	Organic	2,4-Dichlorophenol	n/a	=	78	%	EPA 8270C	-88	-88	32	105	
2016/17-5	Lab	LCS dup	2/8/2017	Organic	2,4-Dichlorophenol	n/a	=	8.57	µg/L	EPA 8270C	0.51	1			
2016/17-5	Lab	LCS dup, rec	2/8/2017	Organic	2,4-Dichlorophenol	n/a	=	86	%	EPA 8270C	-88	-88	32	105	
2016/17-5	Lab	LCS, RPD	2/8/2017	Organic	2,4-Dichlorophenol	n/a	=	9	%	EPA 8270C	-88	-88	0	30	
2016/17-5	Lab	method blank	2/11/2017	Organic	2,4-Dichlorophenol	n/a	<	0.26	µg/L	EPA 625	0.26	1			
2016/17-5	Lab	LCS	2/11/2017	Organic	2,4-Dichlorophenol	n/a	=	17.5	µg/L	EPA 625	0.26	1			
2016/17-5	Lab	LCS, rec	2/11/2017	Organic	2,4-Dichlorophenol	n/a	=	70	%	EPA 625	-88	-88	39	135	
2016/17-5	Lab	LCS dup	2/11/2017	Organic	2,4-Dichlorophenol	n/a	=	18.5	µg/L	EPA 625	0.26	1			
2016/17-5	Lab	LCS dup, rec	2/11/2017	Organic	2,4-Dichlorophenol	n/a	=	74	%	EPA 625	-88	-88	39	135	
2016/17-5	Lab	LCS, RPD	2/11/2017	Organic	2,4-Dichlorophenol	n/a	=	5	%	EPA 625	-88	-88	0	30	
2016/17-5	000NONPJ	srgt matrix spike	1/23/2017	Organic	2,4-Dichlorophenylacetic acid	n/a	=	11.1	µg/L	EPA 515.3	-88	-88			
2016/17-5	000NONPJ	srgt matrix spike, rec	1/23/2017	Organic	2,4-Dichlorophenylacetic acid	n/a	=	111	%	EPA 515.3	-88	-88	70	130	
2016/17-5	000NONPJ	srgt matrix spike dup	1/23/2017	Organic	2,4-Dichlorophenylacetic acid	n/a	=	10.9	µg/L	EPA 515.3	-88	-88			
2016/17-5	000NONPJ	srgt matrix spike dup, rec	1/23/2017	Organic	2,4-Dichlorophenylacetic acid	n/a	=	109	%	EPA 515.3	-88	-88	70	130	
2016/17-5	000NONPJ	srgt matrix spike	1/23/2017	Organic	2,4-Dichlorophenylacetic acid	n/a	=	11.3	µg/L	EPA 515.3	-88	-88			
2016/17-5	000NONPJ	srgt matrix spike, rec	1/23/2017	Organic	2,4-Dichlorophenylacetic acid	n/a	=	113	%	EPA 515.3	-88	-88	70	130	
2016/17-5	000NONPJ	srgt matrix spike dup	1/23/2017	Organic	2,4-Dichlorophenylacetic acid	n/a	=	11.4	µg/L	EPA 515.3	-88	-88			
2016/17-5	000NONPJ	srgt matrix spike dup, rec	1/23/2017	Organic	2,4-Dichlorophenylacetic acid	n/a	=	114	%	EPA 515.3	-88	-88	70	130	
2016/17-5	Lab	srgt method blank	1/23/2017	Organic	2,4-Dichlorophenylacetic acid	n/a	=	10.4	µg/L	EPA 515.3	-88	-88			
2016/17-5	Lab	srgt method blank, rec	1/23/2017	Organic	2,4-Dichlorophenylacetic acid	n/a	=	104	%	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	
2016/17-5	Lab	srgt LCS	1/23/2017	Organic	2,4-Dichlorophenylacetic acid	n/a	=	11.1	µg/L	EPA 515.3	-88	-88			
2016/17-5	Lab	srgt LCS, rec	1/23/2017	Organic	2,4-Dichlorophenylacetic acid	n/a	=	111	%	EPA 515.3	-88	-88	70	130	
2016/17-5	ME-SCR	srgt environ	1/24/2017	Organic	2,4-Dichlorophenylacetic acid	n/a	=	10.1	µg/L	EPA 515.3	-88	-88			
2016/17-5	ME-SCR	srgt environ, rec	1/24/2017	Organic	2,4-Dichlorophenylacetic acid	n/a	=	101	%	EPA 515.3	-88	-88	70	130	
2016/17-5	ME-VR2	srgt environ	1/24/2017	Organic	2,4-Dichlorophenylacetic acid	n/a	=	10.8	µg/L	EPA 515.3	-88	-88			
2016/17-5	ME-VR2	srgt environ, rec	1/24/2017	Organic	2,4-Dichlorophenylacetic acid	n/a	=	108	%	EPA 515.3	-88	-88	70	130	
2016/17-5	MO-CAM	srgt environ	1/24/2017	Organic	2,4-Dichlorophenylacetic acid	n/a	=	10.3	µg/L	EPA 515.3	-88	-88			
2016/17-5	MO-CAM	srgt environ, rec	1/24/2017	Organic	2,4-Dichlorophenylacetic acid	n/a	=	103	%	EPA 515.3	-88	-88	70	130	
2016/17-5	MO-HUE	srgt environ	1/24/2017	Organic	2,4-Dichlorophenylacetic acid	n/a	=	10.6	µg/L	EPA 515.3	-88	-88			
2016/17-5	MO-HUE	srgt environ, rec	1/24/2017	Organic	2,4-Dichlorophenylacetic acid	n/a	=	106	%	EPA 515.3	-88	-88	70	130	
2016/17-5	MO-MEI	srgt environ	1/24/2017	Organic	2,4-Dichlorophenylacetic acid	n/a	=	10.4	µg/L	EPA 515.3	-88	-88			
2016/17-5	MO-MEI	srgt environ, rec	1/24/2017	Organic	2,4-Dichlorophenylacetic acid	n/a	=	104	%	EPA 515.3	-88	-88	70	130	
2016/17-5	MO-OJA	srgt environ	1/24/2017	Organic	2,4-Dichlorophenylacetic acid	n/a	=	10.3	µg/L	EPA 515.3	-88	-88			
2016/17-5	MO-OJA	srgt environ, rec	1/24/2017	Organic	2,4-Dichlorophenylacetic acid	n/a	=	103	%	EPA 515.3	-88	-88	70	130	
2016/17-5	MO-VEN	srgt environ	1/24/2017	Organic	2,4-Dichlorophenylacetic acid	n/a	=	10.3	µg/L	EPA 515.3	-88	-88			
2016/17-5	MO-VEN	srgt environ, rec	1/24/2017	Organic	2,4-Dichlorophenylacetic acid	n/a	=	103	%	EPA 515.3	-88	-88	70	130	
2016/17-5	Lab	method blank	2/8/2017	Organic	2,4-Dimethylphenol	n/a	<	1	µg/L	EPA 8270C	1	2			
2016/17-5	Lab	LCS	2/8/2017	Organic	2,4-Dimethylphenol	n/a	=	5.88	µg/L	EPA 8270C	1	2			
2016/17-5	Lab	LCS, rec	2/8/2017	Organic	2,4-Dimethylphenol	n/a	=	59	%	EPA 8270C	-88	-88	31	97	
2016/17-5	Lab	LCS dup	2/8/2017	Organic	2,4-Dimethylphenol	n/a	=	7.28	µg/L	EPA 8270C	1	2			
2016/17-5	Lab	LCS dup, rec	2/8/2017	Organic	2,4-Dimethylphenol	n/a	=	73	%	EPA 8270C	-88	-88	31	97	
2016/17-5	Lab	LCS, RPD	2/8/2017	Organic	2,4-Dimethylphenol	n/a	=	21	%	EPA 8270C	-88	-88	0	30	
2016/17-5	Lab	method blank	2/11/2017	Organic	2,4-Dimethylphenol	n/a	<	0.3	µg/L	EPA 625	0.3	1			
2016/17-5	Lab	LCS	2/11/2017	Organic	2,4-Dimethylphenol	n/a	=	16.4	µg/L	EPA 625	0.3	1			
2016/17-5	Lab	LCS, rec	2/11/2017	Organic	2,4-Dimethylphenol	n/a	=	66	%	EPA 625	-88	-88	32	119	
2016/17-5	Lab	LCS dup	2/11/2017	Organic	2,4-Dimethylphenol	n/a	=	16.7	µg/L	EPA 625	0.3	1			
2016/17-5	Lab	LCS dup, rec	2/11/2017	Organic	2,4-Dimethylphenol	n/a	=	67	%	EPA 625	-88	-88	32	119	
2016/17-5	Lab	LCS, RPD	2/11/2017	Organic	2,4-Dimethylphenol	n/a	=	2	%	EPA 625	-88	-88	0	30	
2016/17-5	Lab	method blank	2/8/2017	Organic	2,4-Dinitrophenol	n/a	<	1	µg/L	EPA 8270C	1	2			
2016/17-5	Lab	LCS	2/8/2017	Organic	2,4-Dinitrophenol	n/a	=	9.51	µg/L	EPA 8270C	1	2			
2016/17-5	Lab	LCS, rec	2/8/2017	Organic	2,4-Dinitrophenol	n/a	=	95	%	EPA 8270C	-88	-88	7	155	
2016/17-5	Lab	LCS dup	2/8/2017	Organic	2,4-Dinitrophenol	n/a	=	11.7	µg/L	EPA 8270C	1	2			
2016/17-5	Lab	LCS dup, rec	2/8/2017	Organic	2,4-Dinitrophenol	n/a	=	117	%	EPA 8270C	-88	-88	7	155	
2016/17-5	Lab	LCS, RPD	2/8/2017	Organic	2,4-Dinitrophenol	n/a	=	20	%	EPA 8270C	-88	-88	0	30	
2016/17-5	Lab	method blank	2/11/2017	Organic	2,4-Dinitrophenol	n/a	<	1.6	µg/L	EPA 625	1.6	10			
2016/17-5	Lab	LCS	2/11/2017	Organic	2,4-Dinitrophenol	n/a	=	10.7	µg/L	EPA 625	1.6	10			
2016/17-5	Lab	LCS, rec	2/11/2017	Organic	2,4-Dinitrophenol	n/a	=	43	%	EPA 625	-88	-88	0.1	191	
2016/17-5	Lab	LCS dup	2/11/2017	Organic	2,4-Dinitrophenol	n/a	=	11.6	µg/L	EPA 625	1.6	10			
2016/17-5	Lab	LCS dup, rec	2/11/2017	Organic	2,4-Dinitrophenol	n/a	=	46	%	EPA 625	-88	-88	0.1	191	
2016/17-5	Lab	LCS, RPD	2/11/2017	Organic	2,4-Dinitrophenol	n/a	=	8	%	EPA 625	-88	-88	0	30	
2016/17-5	Lab	method blank	2/11/2017	Organic	2,4-Dinitrotoluene	n/a	<	0.18	µg/L	EPA 625	0.18	1			
2016/17-5	Lab	LCS	2/11/2017	Organic	2,4-Dinitrotoluene	n/a	=	19.8	µg/L	EPA 625	0.18	1			
2016/17-5	Lab	LCS, rec	2/11/2017	Organic	2,4-Dinitrotoluene	n/a	=	79	%	EPA 625	-88	-88	39	139	
2016/17-5	Lab	LCS dup	2/11/2017	Organic	2,4-Dinitrotoluene	n/a	=	18.9	µg/L	EPA 625	0.18	1			
2016/17-5	Lab	LCS dup, rec	2/11/2017	Organic	2,4-Dinitrotoluene	n/a	=	76	%	EPA 625	-88	-88	39	139	
2016/17-5	Lab	LCS, RPD	2/11/2017	Organic	2,4-Dinitrotoluene	n/a	=	4	%	EPA 625	-88	-88	0	30	
2016/17-5	Lab	method blank	2/11/2017	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	
2016/17-5	Lab	LCS	2/11/2017	Organic	2,6-Dinitrotoluene	n/a	=	17.9	µg/L	EPA 625	0.27	1			
2016/17-5	Lab	LCS, rec	2/11/2017	Organic	2,6-Dinitrotoluene	n/a	=	71	%	EPA 625	-88	-88	50	158	
2016/17-5	Lab	LCS dup	2/11/2017	Organic	2,6-Dinitrotoluene	n/a	=	17.3	µg/L	EPA 625	0.27	1			
2016/17-5	Lab	LCS dup, rec	2/11/2017	Organic	2,6-Dinitrotoluene	n/a	=	69	%	EPA 625	-88	-88	50	158	
2016/17-5	Lab	LCS, RPD	2/11/2017	Organic	2,6-Dinitrotoluene	n/a	=	3	%	EPA 625	-88	-88	0	30	
2016/17-5	Lab	LCS	1/20/2017	Organic	2-Chloroethyl vinyl ether	n/a	=	46.5	µg/L	EPA 624	0.28	1			
2016/17-5	Lab	LCS, rec	1/20/2017	Organic	2-Chloroethyl vinyl ether	n/a	=	93	%	EPA 624	-88	-88	0.1	305	
2016/17-5	Lab	LCS dup	1/20/2017	Organic	2-Chloroethyl vinyl ether	n/a	=	47.1	µg/L	EPA 624	0.28	1			
2016/17-5	Lab	LCS dup, rec	1/20/2017	Organic	2-Chloroethyl vinyl ether	n/a	=	94	%	EPA 624	-88	-88	0.1	305	
2016/17-5	Lab	LCS, RPD	1/20/2017	Organic	2-Chloroethyl vinyl ether	n/a	=	1	%	EPA 624	-88	-88	0	25	
2016/17-5	Lab	method blank	1/20/2017	Organic	2-Chloroethyl vinyl ether	n/a	<	0.28	µg/L	EPA 624	0.28	1			
2016/17-5	ME-SCR	matrix spike	1/21/2017	Organic	2-Chloroethyl vinyl ether	n/a	=	47.9	µg/L	EPA 624	0.28	1			
2016/17-5	ME-SCR	matrix spike, rec	1/21/2017	Organic	2-Chloroethyl vinyl ether	n/a	=	96	%	EPA 624	-88	-88	0.1	305	
2016/17-5	ME-SCR	matrix spike dup	1/21/2017	Organic	2-Chloroethyl vinyl ether	n/a	=	44.9	µg/L	EPA 624	0.28	1			
2016/17-5	ME-SCR	matrix spike dup, rec	1/21/2017	Organic	2-Chloroethyl vinyl ether	n/a	=	90	%	EPA 624	-88	-88	0.1	305	
2016/17-5	ME-SCR	matrix spike, RPD	1/21/2017	Organic	2-Chloroethyl vinyl ether	n/a	=	6	%	EPA 624	-88	-88	0	25	
2016/17-5	Lab	method blank	2/11/2017	Organic	2-Chloronaphthalene	n/a	<	0.45	µg/L	EPA 625	0.45	1			
2016/17-5	Lab	LCS	2/11/2017	Organic	2-Chloronaphthalene	n/a	=	22.7	µg/L	EPA 625	0.45	1			
2016/17-5	Lab	LCS, rec	2/11/2017	Organic	2-Chloronaphthalene	n/a	=	91	%	EPA 625	-88	-88	60	118	
2016/17-5	Lab	LCS dup	2/11/2017	Organic	2-Chloronaphthalene	n/a	=	22.7	µg/L	EPA 625	0.45	1			
2016/17-5	Lab	LCS dup, rec	2/11/2017	Organic	2-Chloronaphthalene	n/a	=	91	%	EPA 625	-88	-88	60	118	
2016/17-5	Lab	LCS, RPD	2/11/2017	Organic	2-Chloronaphthalene	n/a	=	0	%	EPA 625	-88	-88	0	30	
2016/17-5	Lab	method blank	2/8/2017	Organic	2-Chlorophenol	n/a	<	0.65	µg/L	EPA 8270C	0.65	1			
2016/17-5	Lab	LCS	2/8/2017	Organic	2-Chlorophenol	n/a	=	7.11	µg/L	EPA 8270C	0.65	1			
2016/17-5	Lab	LCS, rec	2/8/2017	Organic	2-Chlorophenol	n/a	=	71	%	EPA 8270C	-88	-88	27	90	
2016/17-5	Lab	LCS dup	2/8/2017	Organic	2-Chlorophenol	n/a	=	7.48	µg/L	EPA 8270C	0.65	1			
2016/17-5	Lab	LCS dup, rec	2/8/2017	Organic	2-Chlorophenol	n/a	=	75	%	EPA 8270C	-88	-88	27	90	
2016/17-5	Lab	LCS, RPD	2/8/2017	Organic	2-Chlorophenol	n/a	=	5	%	EPA 8270C	-88	-88	0	30	
2016/17-5	Lab	method blank	2/11/2017	Organic	2-Chlorophenol	n/a	<	0.28	µg/L	EPA 625	0.28	1			
2016/17-5	Lab	LCS	2/11/2017	Organic	2-Chlorophenol	n/a	=	19.4	µg/L	EPA 625	0.28	1			
2016/17-5	Lab	LCS, rec	2/11/2017	Organic	2-Chlorophenol	n/a	=	77	%	EPA 625	-88	-88	23	134	
2016/17-5	Lab	LCS dup	2/11/2017	Organic	2-Chlorophenol	n/a	=	19	µg/L	EPA 625	0.28	1			
2016/17-5	Lab	LCS dup, rec	2/11/2017	Organic	2-Chlorophenol	n/a	=	76	%	EPA 625	-88	-88	23	134	
2016/17-5	Lab	LCS, RPD	2/11/2017	Organic	2-Chlorophenol	n/a	=	2	%	EPA 625	-88	-88	0	30	
2016/17-5	Lab	srgt method blank	2/7/2017	Organic	2-Fluorobiphenyl	n/a	=	3.63	µg/L	EPA 8270C	-88	-88			
2016/17-5	Lab	srgt method blank, rec	2/7/2017	Organic	2-Fluorobiphenyl	n/a	=	73	%	EPA 8270C	-88	-88	51	139	
2016/17-5	Lab	srgt LCS	2/7/2017	Organic	2-Fluorobiphenyl	n/a	=	3.58	µg/L	EPA 8270C	-88	-88			
2016/17-5	Lab	srgt LCS, rec	2/7/2017	Organic	2-Fluorobiphenyl	n/a	=	72	%	EPA 8270C	-88	-88	51	139	
2016/17-5	Lab	srgt LCS dup	2/8/2017	Organic	2-Fluorobiphenyl	n/a	=	3.78	µg/L	EPA 8270C	-88	-88			
2016/17-5	Lab	srgt LCS dup, rec	2/8/2017	Organic	2-Fluorobiphenyl	n/a	=	76	%	EPA 8270C	-88	-88	51	139	
2016/17-5	Lab	srgt method blank	2/11/2017	Organic	2-Fluorobiphenyl	n/a	=	15	µg/L	EPA 625	-88	-88			
2016/17-5	Lab	srgt method blank, rec	2/11/2017	Organic	2-Fluorobiphenyl	n/a	=	60	%	EPA 625	-88	-88	22	107	
2016/17-5	Lab	srgt LCS	2/11/2017	Organic	2-Fluorobiphenyl	n/a	=	23.4	µg/L	EPA 625	-88	-88			
2016/17-5	Lab	srgt LCS, rec	2/11/2017	Organic	2-Fluorobiphenyl	n/a	=	93	%	EPA 625	-88	-88	22	107	
2016/17-5	Lab	srgt LCS dup	2/11/2017	Organic	2-Fluorobiphenyl	n/a	=	23	µg/L	EPA 625	-88	-88			
2016/17-5	Lab	srgt LCS dup, rec	2/11/2017	Organic	2-Fluorobiphenyl	n/a	=	92	%	EPA 625	-88	-88	22	107	
2016/17-5	ME-SCR	srgt environ	2/8/2017	Organic	2-Fluorobiphenyl	n/a	=	23.1	µg/L	EPA 8270C	-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	
2016/17-5	ME-SCR	srgt environ, rec	2/8/2017	Organic	2-Fluorobiphenyl	n/a	=	46	%	EPA 8270C	-88	-88	51	139	GN
2016/17-5	ME-SCR	srgt environ	2/11/2017	Organic	2-Fluorobiphenyl	n/a	=	23.3	µg/L	EPA 625	-88	-88			
2016/17-5	ME-SCR	srgt environ, rec	2/11/2017	Organic	2-Fluorobiphenyl	n/a	=	84	%	EPA 625	-88	-88	22	107	
2016/17-5	ME-VR2	srgt environ	2/8/2017	Organic	2-Fluorobiphenyl	n/a	=	3.92	µg/L	EPA 8270C	-88	-88			
2016/17-5	ME-VR2	srgt environ, rec	2/8/2017	Organic	2-Fluorobiphenyl	n/a	=	78	%	EPA 8270C	-88	-88	51	139	
2016/17-5	ME-VR2	srgt environ	2/11/2017	Organic	2-Fluorobiphenyl	n/a	=	22.7	µg/L	EPA 625	-88	-88			
2016/17-5	ME-VR2	srgt environ, rec	2/11/2017	Organic	2-Fluorobiphenyl	n/a	=	91	%	EPA 625	-88	-88	22	107	
2016/17-5	MO-CAM	srgt environ	2/8/2017	Organic	2-Fluorobiphenyl	n/a	=	3.43	µg/L	EPA 8270C	-88	-88			
2016/17-5	MO-CAM	srgt environ, rec	2/8/2017	Organic	2-Fluorobiphenyl	n/a	=	69	%	EPA 8270C	-88	-88	51	139	
2016/17-5	MO-CAM	srgt environ	2/11/2017	Organic	2-Fluorobiphenyl	n/a	=	18.4	µg/L	EPA 625	-88	-88			
2016/17-5	MO-CAM	srgt environ, rec	2/11/2017	Organic	2-Fluorobiphenyl	n/a	=	74	%	EPA 625	-88	-88	22	107	
2016/17-5	MO-HUE	srgt environ	2/8/2017	Organic	2-Fluorobiphenyl	n/a	=	3.45	µg/L	EPA 8270C	-88	-88			
2016/17-5	MO-HUE	srgt environ, rec	2/8/2017	Organic	2-Fluorobiphenyl	n/a	=	69	%	EPA 8270C	-88	-88	51	139	
2016/17-5	MO-HUE	srgt environ	2/11/2017	Organic	2-Fluorobiphenyl	n/a	=	21.8	µg/L	EPA 625	-88	-88			
2016/17-5	MO-HUE	srgt environ, rec	2/11/2017	Organic	2-Fluorobiphenyl	n/a	=	87	%	EPA 625	-88	-88	22	107	
2016/17-5	MO-MEI	srgt environ	2/8/2017	Organic	2-Fluorobiphenyl	n/a	=	3.18	µg/L	EPA 8270C	-88	-88			
2016/17-5	MO-MEI	srgt environ, rec	2/8/2017	Organic	2-Fluorobiphenyl	n/a	=	64	%	EPA 8270C	-88	-88	51	139	
2016/17-5	MO-MEI	srgt environ	2/11/2017	Organic	2-Fluorobiphenyl	n/a	=	22.7	µg/L	EPA 625	-88	-88			
2016/17-5	MO-MEI	srgt environ, rec	2/11/2017	Organic	2-Fluorobiphenyl	n/a	=	91	%	EPA 625	-88	-88	22	107	
2016/17-5	MO-OJA	srgt environ	2/8/2017	Organic	2-Fluorobiphenyl	n/a	=	3.68	µg/L	EPA 8270C	-88	-88			
2016/17-5	MO-OJA	srgt environ, rec	2/8/2017	Organic	2-Fluorobiphenyl	n/a	=	74	%	EPA 8270C	-88	-88	51	139	
2016/17-5	MO-OJA	srgt environ	2/11/2017	Organic	2-Fluorobiphenyl	n/a	=	21.4	µg/L	EPA 625	-88	-88			
2016/17-5	MO-OJA	srgt environ, rec	2/11/2017	Organic	2-Fluorobiphenyl	n/a	=	81	%	EPA 625	-88	-88	22	107	
2016/17-5	MO-VEN	srgt environ	2/8/2017	Organic	2-Fluorobiphenyl	n/a	=	3.48	µg/L	EPA 8270C	-88	-88			
2016/17-5	MO-VEN	srgt environ, rec	2/8/2017	Organic	2-Fluorobiphenyl	n/a	=	70	%	EPA 8270C	-88	-88	51	139	
2016/17-5	MO-VEN	srgt environ	2/11/2017	Organic	2-Fluorobiphenyl	n/a	=	17.6	µg/L	EPA 625	-88	-88			
2016/17-5	MO-VEN	srgt environ, rec	2/11/2017	Organic	2-Fluorobiphenyl	n/a	=	70	%	EPA 625	-88	-88	22	107	
2016/17-5	Lab	srgt method blank	2/8/2017	Organic	2-Fluorophenol	n/a	=	4.86	µg/L	EPA 8270C	-88	-88			
2016/17-5	Lab	srgt method blank, rec	2/8/2017	Organic	2-Fluorophenol	n/a	=	49	%	EPA 8270C	-88	-88	11	62	
2016/17-5	Lab	srgt LCS	2/8/2017	Organic	2-Fluorophenol	n/a	=	4.51	µg/L	EPA 8270C	-88	-88			
2016/17-5	Lab	srgt LCS, rec	2/8/2017	Organic	2-Fluorophenol	n/a	=	45	%	EPA 8270C	-88	-88	11	62	
2016/17-5	Lab	srgt LCS dup	2/8/2017	Organic	2-Fluorophenol	n/a	=	4.52	µg/L	EPA 8270C	-88	-88			
2016/17-5	Lab	srgt LCS dup, rec	2/8/2017	Organic	2-Fluorophenol	n/a	=	45	%	EPA 8270C	-88	-88	11	62	
2016/17-5	Lab	srgt method blank	2/11/2017	Organic	2-Fluorophenol	n/a	=	22	µg/L	EPA 625	-88	-88			
2016/17-5	Lab	srgt method blank, rec	2/11/2017	Organic	2-Fluorophenol	n/a	=	44	%	EPA 625	-88	-88	3	74	
2016/17-5	Lab	srgt LCS	2/11/2017	Organic	2-Fluorophenol	n/a	=	25.7	µg/L	EPA 625	-88	-88			
2016/17-5	Lab	srgt LCS, rec	2/11/2017	Organic	2-Fluorophenol	n/a	=	51	%	EPA 625	-88	-88	3	74	
2016/17-5	Lab	srgt LCS dup	2/11/2017	Organic	2-Fluorophenol	n/a	=	24	µg/L	EPA 625	-88	-88			
2016/17-5	Lab	srgt LCS dup, rec	2/11/2017	Organic	2-Fluorophenol	n/a	=	48	%	EPA 625	-88	-88	3	74	
2016/17-5	ME-SCR	srgt environ	2/8/2017	Organic	2-Fluorophenol	n/a	=	26.1	µg/L	EPA 8270C	-88	-88			
2016/17-5	ME-SCR	srgt environ, rec	2/8/2017	Organic	2-Fluorophenol	n/a	=	26	%	EPA 8270C	-88	-88	11	62	
2016/17-5	ME-SCR	srgt environ	2/11/2017	Organic	2-Fluorophenol	n/a	=	26.1	µg/L	EPA 625	-88	-88			
2016/17-5	ME-SCR	srgt environ, rec	2/11/2017	Organic	2-Fluorophenol	n/a	=	47	%	EPA 625	-88	-88	3	74	
2016/17-5	ME-VR2	srgt environ	2/8/2017	Organic	2-Fluorophenol	n/a	=	4.73	µg/L	EPA 8270C	-88	-88			
2016/17-5	ME-VR2	srgt environ, rec	2/8/2017	Organic	2-Fluorophenol	n/a	=	47	%	EPA 8270C	-88	-88	11	62	
2016/17-5	ME-VR2	srgt environ	2/11/2017	Organic	2-Fluorophenol	n/a	=	19.7	µg/L	EPA 625	-88	-88			
2016/17-5	ME-VR2	srgt environ, rec	2/11/2017	Organic	2-Fluorophenol	n/a	=	39	%	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	
2016/17-5	MO-CAM	srgt environ	2/8/2017	Organic	2-Fluorophenol	n/a	=	2.55	µg/L	EPA 8270C	-88	-88			
2016/17-5	MO-CAM	srgt environ, rec	2/8/2017	Organic	2-Fluorophenol	n/a	=	26	%	EPA 8270C	-88	-88	11	62	
2016/17-5	MO-CAM	srgt environ	2/11/2017	Organic	2-Fluorophenol	n/a	=	20.8	µg/L	EPA 625	-88	-88			
2016/17-5	MO-CAM	srgt environ, rec	2/11/2017	Organic	2-Fluorophenol	n/a	=	42	%	EPA 625	-88	-88	3	74	
2016/17-5	MO-HUE	srgt environ	2/8/2017	Organic	2-Fluorophenol	n/a	=	4.25	µg/L	EPA 8270C	-88	-88			
2016/17-5	MO-HUE	srgt environ, rec	2/8/2017	Organic	2-Fluorophenol	n/a	=	42	%	EPA 8270C	-88	-88	11	62	
2016/17-5	MO-HUE	srgt environ	2/11/2017	Organic	2-Fluorophenol	n/a	=	22.1	µg/L	EPA 625	-88	-88			
2016/17-5	MO-HUE	srgt environ, rec	2/11/2017	Organic	2-Fluorophenol	n/a	=	44	%	EPA 625	-88	-88	3	74	
2016/17-5	MO-MEI	srgt environ	2/8/2017	Organic	2-Fluorophenol	n/a	=	1.7	µg/L	EPA 8270C	-88	-88			
2016/17-5	MO-MEI	srgt environ, rec	2/8/2017	Organic	2-Fluorophenol	n/a	=	17	%	EPA 8270C	-88	-88	11	62	
2016/17-5	MO-MEI	srgt environ	2/11/2017	Organic	2-Fluorophenol	n/a	=	21.6	µg/L	EPA 625	-88	-88			
2016/17-5	MO-MEI	srgt environ, rec	2/11/2017	Organic	2-Fluorophenol	n/a	=	43	%	EPA 625	-88	-88	3	74	
2016/17-5	MO-OJA	srgt environ	2/8/2017	Organic	2-Fluorophenol	n/a	=	1.7	µg/L	EPA 8270C	-88	-88			
2016/17-5	MO-OJA	srgt environ, rec	2/8/2017	Organic	2-Fluorophenol	n/a	=	17	%	EPA 8270C	-88	-88	11	62	
2016/17-5	MO-OJA	srgt environ	2/11/2017	Organic	2-Fluorophenol	n/a	=	20.9	µg/L	EPA 625	-88	-88			
2016/17-5	MO-OJA	srgt environ, rec	2/11/2017	Organic	2-Fluorophenol	n/a	=	40	%	EPA 625	-88	-88	3	74	
2016/17-5	MO-VEN	srgt environ	2/8/2017	Organic	2-Fluorophenol	n/a	=	2.3	µg/L	EPA 8270C	-88	-88			
2016/17-5	MO-VEN	srgt environ, rec	2/8/2017	Organic	2-Fluorophenol	n/a	=	23	%	EPA 8270C	-88	-88	11	62	
2016/17-5	MO-VEN	srgt environ	2/11/2017	Organic	2-Fluorophenol	n/a	=	14.8	µg/L	EPA 625	-88	-88			
2016/17-5	MO-VEN	srgt environ, rec	2/11/2017	Organic	2-Fluorophenol	n/a	=	30	%	EPA 625	-88	-88	3	74	
2016/17-5	Lab	method blank	2/7/2017	Organic	2-Methylnaphthalene	n/a	<	0.1	µg/L	EPA 8270C	0.1	0.1			
2016/17-5	Lab	method blank	2/8/2017	Organic	2-Methylphenol	n/a	<	0.34	µg/L	EPA 8270C	0.34	1			
2016/17-5	Lab	method blank	2/8/2017	Organic	2-Nitrophenol	n/a	<	0.71	µg/L	EPA 8270C	0.71	1			
2016/17-5	Lab	LCS	2/8/2017	Organic	2-Nitrophenol	n/a	=	7.75	µg/L	EPA 8270C	0.71	1			
2016/17-5	Lab	LCS, rec	2/8/2017	Organic	2-Nitrophenol	n/a	=	78	%	EPA 8270C	-88	-88	33	103	
2016/17-5	Lab	LCS dup	2/8/2017	Organic	2-Nitrophenol	n/a	=	8.31	µg/L	EPA 8270C	0.71	1			
2016/17-5	Lab	LCS dup, rec	2/8/2017	Organic	2-Nitrophenol	n/a	=	83	%	EPA 8270C	-88	-88	33	103	
2016/17-5	Lab	LCS, RPD	2/8/2017	Organic	2-Nitrophenol	n/a	=	7	%	EPA 8270C	-88	-88	0	30	
2016/17-5	Lab	method blank	2/11/2017	Organic	2-Nitrophenol	n/a	<	0.26	µg/L	EPA 625	0.26	1			
2016/17-5	Lab	LCS	2/11/2017	Organic	2-Nitrophenol	n/a	=	18.6	µg/L	EPA 625	0.26	1			
2016/17-5	Lab	LCS, rec	2/11/2017	Organic	2-Nitrophenol	n/a	=	74	%	EPA 625	-88	-88	29	182	
2016/17-5	Lab	LCS dup	2/11/2017	Organic	2-Nitrophenol	n/a	=	18.8	µg/L	EPA 625	0.26	1			
2016/17-5	Lab	LCS dup, rec	2/11/2017	Organic	2-Nitrophenol	n/a	=	75	%	EPA 625	-88	-88	29	182	
2016/17-5	Lab	LCS, RPD	2/11/2017	Organic	2-Nitrophenol	n/a	=	0.9	%	EPA 625	-88	-88	0	30	
2016/17-5	Lab	method blank	2/11/2017	Organic	3,3'-Dichlorobenzidine	n/a	<	1.2	µg/L	EPA 625	1.2	5			
2016/17-5	Lab	LCS	2/11/2017	Organic	3,3'-Dichlorobenzidine	n/a	=	26.2	µg/L	EPA 625	1.2	5			
2016/17-5	Lab	LCS, rec	2/11/2017	Organic	3,3'-Dichlorobenzidine	n/a	=	105	%	EPA 625	-88	-88	0.1	262	
2016/17-5	Lab	LCS dup	2/11/2017	Organic	3,3'-Dichlorobenzidine	n/a	=	21.8	µg/L	EPA 625	1.2	5			
2016/17-5	Lab	LCS dup, rec	2/11/2017	Organic	3,3'-Dichlorobenzidine	n/a	=	87	%	EPA 625	-88	-88	0.1	262	
2016/17-5	Lab	LCS, RPD	2/11/2017	Organic	3,3'-Dichlorobenzidine	n/a	=	18	%	EPA 625	-88	-88	0	30	
2016/17-5	Lab	method blank	2/8/2017	Organic	3-/4-Methylphenol	n/a	<	0.3	µg/L	EPA 8270C	0.3	1			
2016/17-5	Lab	method blank	2/8/2017	Organic	4,6-Dinitro-2-methylphenol	n/a	<	0.14	µg/L	EPA 8270C	0.14	1			
2016/17-5	Lab	LCS	2/8/2017	Organic	4,6-Dinitro-2-methylphenol	n/a	=	9.11	µg/L	EPA 8270C	0.14	1			
2016/17-5	Lab	LCS, rec	2/8/2017	Organic	4,6-Dinitro-2-methylphenol	n/a	=	91	%	EPA 8270C	-88	-88	33	118	
2016/17-5	Lab	LCS dup	2/8/2017	Organic	4,6-Dinitro-2-methylphenol	n/a	=	10.2	µg/L	EPA 8270C	0.14	1			
2016/17-5	Lab	LCS dup, rec	2/8/2017	Organic	4,6-Dinitro-2-methylphenol	n/a	=	102	%	EPA 8270C	-88	-88	33	118	
2016/17-5	Lab	LCS, RPD	2/8/2017	Organic	4,6-Dinitro-2-methylphenol	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	
2016/17-5	Lab	method blank	2/11/2017	Organic	4,6-Dinitro-2-methylphenol	n/a	<	1.7	µg/L	EPA 625	1.7	5			
2016/17-5	Lab	LCS	2/11/2017	Organic	4,6-Dinitro-2-methylphenol	n/a	=	14.4	µg/L	EPA 625	1.7	5			
2016/17-5	Lab	LCS, rec	2/11/2017	Organic	4,6-Dinitro-2-methylphenol	n/a	=	58	%	EPA 625	-88	-88	0.1	181	
2016/17-5	Lab	LCS dup	2/11/2017	Organic	4,6-Dinitro-2-methylphenol	n/a	=	14.9	µg/L	EPA 625	1.7	5			
2016/17-5	Lab	LCS dup, rec	2/11/2017	Organic	4,6-Dinitro-2-methylphenol	n/a	=	60	%	EPA 625	-88	-88	0.1	181	
2016/17-5	Lab	LCS, RPD	2/11/2017	Organic	4,6-Dinitro-2-methylphenol	n/a	=	3	%	EPA 625	-88	-88	0	30	
2016/17-5	Lab	srgt LCS	1/20/2017	Organic	4-Bromofluorobenzene	n/a	=	50.2	µg/L	EPA 624	-88	-88			
2016/17-5	Lab	srgt LCS, rec	1/20/2017	Organic	4-Bromofluorobenzene	n/a	=	100	%	EPA 624	-88	-88	88	108	
2016/17-5	Lab	srgt LCS dup	1/20/2017	Organic	4-Bromofluorobenzene	n/a	=	49.1	µg/L	EPA 624	-88	-88			
2016/17-5	Lab	srgt LCS dup, rec	1/20/2017	Organic	4-Bromofluorobenzene	n/a	=	98	%	EPA 624	-88	-88	88	108	
2016/17-5	Lab	srgt method blank	1/20/2017	Organic	4-Bromofluorobenzene	n/a	=	49.4	µg/L	EPA 624	-88	-88			
2016/17-5	Lab	srgt method blank, rec	1/20/2017	Organic	4-Bromofluorobenzene	n/a	=	99	%	EPA 624	-88	-88	88	108	
2016/17-5	Lab	srgt LCS	1/20/2017	Organic	4-Bromofluorobenzene	n/a	=	44	µg/L	EPA 8015D	-88	-88			
2016/17-5	Lab	srgt LCS, rec	1/20/2017	Organic	4-Bromofluorobenzene	n/a	=	88	%	EPA 8015D	-88	-88	72	124	
2016/17-5	Lab	srgt LCS dup	1/20/2017	Organic	4-Bromofluorobenzene	n/a	=	50	µg/L	EPA 8015D	-88	-88			
2016/17-5	Lab	srgt LCS dup, rec	1/20/2017	Organic	4-Bromofluorobenzene	n/a	=	100	%	EPA 8015D	-88	-88	72	124	
2016/17-5	Lab	srgt method blank	1/20/2017	Organic	4-Bromofluorobenzene	n/a	=	47	µg/L	EPA 8015D	-88	-88			
2016/17-5	Lab	srgt method blank, rec	1/20/2017	Organic	4-Bromofluorobenzene	n/a	=	94	%	EPA 8015D	-88	-88	72	124	
2016/17-5	ME-SCR	srgt environ	1/20/2017	Organic	4-Bromofluorobenzene	n/a	=	49.6	µg/L	EPA 624	-88	-88			
2016/17-5	ME-SCR	srgt environ, rec	1/20/2017	Organic	4-Bromofluorobenzene	n/a	=	99	%	EPA 624	-88	-88	88	108	
2016/17-5	ME-SCR	srgt matrix spike	1/21/2017	Organic	4-Bromofluorobenzene	n/a	=	48.4	µg/L	EPA 624	-88	-88			
2016/17-5	ME-SCR	srgt matrix spike, rec	1/21/2017	Organic	4-Bromofluorobenzene	n/a	=	97	%	EPA 624	-88	-88	88	108	
2016/17-5	ME-SCR	srgt matrix spike dup	1/21/2017	Organic	4-Bromofluorobenzene	n/a	=	51	µg/L	EPA 624	-88	-88			
2016/17-5	ME-SCR	srgt matrix spike dup, rec	1/21/2017	Organic	4-Bromofluorobenzene	n/a	=	102	%	EPA 624	-88	-88	88	108	
2016/17-5	ME-SCR	srgt environ	1/23/2017	Organic	4-Bromofluorobenzene	n/a	=	38	µg/L	EPA 8015D	-88	-88			
2016/17-5	ME-SCR	srgt environ, rec	1/23/2017	Organic	4-Bromofluorobenzene	n/a	=	76	%	EPA 8015D	-88	-88	72	124	
2016/17-5	ME-VR2	srgt environ	1/20/2017	Organic	4-Bromofluorobenzene	n/a	=	49.6	µg/L	EPA 624	-88	-88			
2016/17-5	ME-VR2	srgt environ, rec	1/20/2017	Organic	4-Bromofluorobenzene	n/a	=	99	%	EPA 624	-88	-88	88	108	
2016/17-5	ME-VR2	srgt environ	1/20/2017	Organic	4-Bromofluorobenzene	n/a	=	40	µg/L	EPA 8015D	-88	-88			
2016/17-5	ME-VR2	srgt environ, rec	1/20/2017	Organic	4-Bromofluorobenzene	n/a	=	80	%	EPA 8015D	-88	-88	72	124	
2016/17-5	MO-CAM	srgt environ	1/20/2017	Organic	4-Bromofluorobenzene	n/a	=	49.3	µg/L	EPA 624	-88	-88			
2016/17-5	MO-CAM	srgt environ, rec	1/20/2017	Organic	4-Bromofluorobenzene	n/a	=	99	%	EPA 624	-88	-88	88	108	
2016/17-5	MO-CAM	srgt environ	1/21/2017	Organic	4-Bromofluorobenzene	n/a	=	37	µg/L	EPA 8015D	-88	-88			
2016/17-5	MO-CAM	srgt environ, rec	1/21/2017	Organic	4-Bromofluorobenzene	n/a	=	74	%	EPA 8015D	-88	-88	72	124	
2016/17-5	MO-HUE	srgt environ	1/20/2017	Organic	4-Bromofluorobenzene	n/a	=	46.8	µg/L	EPA 624	-88	-88			
2016/17-5	MO-HUE	srgt environ, rec	1/20/2017	Organic	4-Bromofluorobenzene	n/a	=	94	%	EPA 624	-88	-88	88	108	
2016/17-5	MO-HUE	srgt environ	1/21/2017	Organic	4-Bromofluorobenzene	n/a	=	25	µg/L	EPA 8015D	-88	-88			GN
2016/17-5	MO-HUE	srgt environ, rec	1/21/2017	Organic	4-Bromofluorobenzene	n/a	=	50	%	EPA 8015D	-88	-88	72	124	GN
2016/17-5	MO-MEI	srgt environ	1/20/2017	Organic	4-Bromofluorobenzene	n/a	=	48.2	µg/L	EPA 624	-88	-88			
2016/17-5	MO-MEI	srgt environ, rec	1/20/2017	Organic	4-Bromofluorobenzene	n/a	=	96	%	EPA 624	-88	-88	88	108	
2016/17-5	MO-MEI	srgt environ	1/21/2017	Organic	4-Bromofluorobenzene	n/a	=	36	µg/L	EPA 8015D	-88	-88			
2016/17-5	MO-MEI	srgt environ, rec	1/21/2017	Organic	4-Bromofluorobenzene	n/a	=	72	%	EPA 8015D	-88	-88	72	124	
2016/17-5	MO-OJA	srgt environ	1/20/2017	Organic	4-Bromofluorobenzene	n/a	=	49	µg/L	EPA 624	-88	-88			
2016/17-5	MO-OJA	srgt environ, rec	1/20/2017	Organic	4-Bromofluorobenzene	n/a	=	98	%	EPA 624	-88	-88	88	108	
2016/17-5	MO-OJA	srgt environ	1/20/2017	Organic	4-Bromofluorobenzene	n/a	=	37	µg/L	EPA 8015D	-88	-88			
2016/17-5	MO-OJA	srgt environ, rec	1/20/2017	Organic	4-Bromofluorobenzene	n/a	=	74	%	EPA 8015D	-88	-88	72	124	
2016/17-5	MO-VEN	srgt environ	1/20/2017	Organic	4-Bromofluorobenzene	n/a	=	48.1	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	
2016/17-5	MO-VEN	srgt environ, rec	1/20/2017	Organic	4-Bromofluorobenzene	n/a	=	96	%	EPA 624	-88	-88	88	108	
2016/17-5	MO-VEN	srgt environ	1/21/2017	Organic	4-Bromofluorobenzene	n/a	=	41	µg/L	EPA 8015D	-88	-88			
2016/17-5	MO-VEN	srgt environ, rec	1/21/2017	Organic	4-Bromofluorobenzene	n/a	=	82	%	EPA 8015D	-88	-88	72	124	
2016/17-5	Lab	method blank	2/11/2017	Organic	4-Bromophenyl phenyl ether	n/a	<	0.36	µg/L	EPA 625	0.36	1			
2016/17-5	Lab	LCS	2/11/2017	Organic	4-Bromophenyl phenyl ether	n/a	=	20	µg/L	EPA 625	0.36	1			
2016/17-5	Lab	LCS, rec	2/11/2017	Organic	4-Bromophenyl phenyl ether	n/a	=	80	%	EPA 625	-88	-88	53	127	
2016/17-5	Lab	LCS dup	2/11/2017	Organic	4-Bromophenyl phenyl ether	n/a	=	19.2	µg/L	EPA 625	0.36	1			
2016/17-5	Lab	LCS dup, rec	2/11/2017	Organic	4-Bromophenyl phenyl ether	n/a	=	77	%	EPA 625	-88	-88	53	127	
2016/17-5	Lab	LCS, RPD	2/11/2017	Organic	4-Bromophenyl phenyl ether	n/a	=	4	%	EPA 625	-88	-88	0	30	
2016/17-5	Lab	method blank	2/8/2017	Organic	4-Chloro-3-methylphenol	n/a	<	0.37	µg/L	EPA 8270C	0.37	1			
2016/17-5	Lab	LCS	2/8/2017	Organic	4-Chloro-3-methylphenol	n/a	=	7.92	µg/L	EPA 8270C	0.37	1			
2016/17-5	Lab	LCS, rec	2/8/2017	Organic	4-Chloro-3-methylphenol	n/a	=	79	%	EPA 8270C	-88	-88	29	108	
2016/17-5	Lab	LCS dup	2/8/2017	Organic	4-Chloro-3-methylphenol	n/a	=	8.87	µg/L	EPA 8270C	0.37	1			
2016/17-5	Lab	LCS dup, rec	2/8/2017	Organic	4-Chloro-3-methylphenol	n/a	=	89	%	EPA 8270C	-88	-88	29	108	
2016/17-5	Lab	LCS, RPD	2/8/2017	Organic	4-Chloro-3-methylphenol	n/a	=	11	%	EPA 8270C	-88	-88	0	30	
2016/17-5	Lab	method blank	2/11/2017	Organic	4-Chloro-3-methylphenol	n/a	<	0.23	µg/L	EPA 625	0.23	1			
2016/17-5	Lab	LCS	2/11/2017	Organic	4-Chloro-3-methylphenol	n/a	=	19.2	µg/L	EPA 625	0.23	1			
2016/17-5	Lab	LCS, rec	2/11/2017	Organic	4-Chloro-3-methylphenol	n/a	=	77	%	EPA 625	-88	-88	22	147	
2016/17-5	Lab	LCS dup	2/11/2017	Organic	4-Chloro-3-methylphenol	n/a	=	19.1	µg/L	EPA 625	0.23	1			
2016/17-5	Lab	LCS dup, rec	2/11/2017	Organic	4-Chloro-3-methylphenol	n/a	=	76	%	EPA 625	-88	-88	22	147	
2016/17-5	Lab	LCS, RPD	2/11/2017	Organic	4-Chloro-3-methylphenol	n/a	=	0.4	%	EPA 625	-88	-88	0	30	
2016/17-5	Lab	method blank	2/11/2017	Organic	4-Chlorophenyl phenyl ether	n/a	<	0.41	µg/L	EPA 625	0.41	1			
2016/17-5	Lab	LCS	2/11/2017	Organic	4-Chlorophenyl phenyl ether	n/a	=	22.6	µg/L	EPA 625	0.41	1			
2016/17-5	Lab	LCS, rec	2/11/2017	Organic	4-Chlorophenyl phenyl ether	n/a	=	90	%	EPA 625	-88	-88	25	158	
2016/17-5	Lab	LCS dup	2/11/2017	Organic	4-Chlorophenyl phenyl ether	n/a	=	22.4	µg/L	EPA 625	0.41	1			
2016/17-5	Lab	LCS dup, rec	2/11/2017	Organic	4-Chlorophenyl phenyl ether	n/a	=	89	%	EPA 625	-88	-88	25	158	
2016/17-5	Lab	LCS, RPD	2/11/2017	Organic	4-Chlorophenyl phenyl ether	n/a	=	1	%	EPA 625	-88	-88	0	30	
2016/17-5	Lab	method blank	2/8/2017	Organic	4-Nitrophenol	n/a	<	1	µg/L	EPA 8270C	1	2			
2016/17-5	Lab	LCS	2/8/2017	Organic	4-Nitrophenol	n/a	=	3.82	µg/L	EPA 8270C	1	2			
2016/17-5	Lab	LCS, rec	2/8/2017	Organic	4-Nitrophenol	n/a	=	38	%	EPA 8270C	-88	-88	6	46	
2016/17-5	Lab	LCS dup	2/8/2017	Organic	4-Nitrophenol	n/a	=	4.03	µg/L	EPA 8270C	1	2			
2016/17-5	Lab	LCS dup, rec	2/8/2017	Organic	4-Nitrophenol	n/a	=	40	%	EPA 8270C	-88	-88	6	46	
2016/17-5	Lab	LCS, RPD	2/8/2017	Organic	4-Nitrophenol	n/a	=	5	%	EPA 8270C	-88	-88	0	30	
2016/17-5	Lab	method blank	2/11/2017	Organic	4-Nitrophenol	n/a	<	0.45	µg/L	EPA 625	0.45	5			
2016/17-5	Lab	LCS	2/11/2017	Organic	4-Nitrophenol	n/a	=	7.27	µg/L	EPA 625	0.45	5			
2016/17-5	Lab	LCS, rec	2/11/2017	Organic	4-Nitrophenol	n/a	=	29	%	EPA 625	-88	-88	0.1	132	
2016/17-5	Lab	LCS dup	2/11/2017	Organic	4-Nitrophenol	n/a	=	6.83	µg/L	EPA 625	0.45	5			
2016/17-5	Lab	LCS dup, rec	2/11/2017	Organic	4-Nitrophenol	n/a	=	27	%	EPA 625	-88	-88	0.1	132	
2016/17-5	Lab	LCS, RPD	2/11/2017	Organic	4-Nitrophenol	n/a	=	6	%	EPA 625	-88	-88	0	30	
2016/17-5	Lab	method blank	2/7/2017	Organic	Acenaphthene	n/a	<	0.1	µg/L	EPA 8270C	0.1	0.1			
2016/17-5	Lab	LCS	2/7/2017	Organic	Acenaphthene	n/a	=	8.56	µg/L	EPA 8270C	0.1	0.1			
2016/17-5	Lab	LCS, rec	2/7/2017	Organic	Acenaphthene	n/a	=	86	%	EPA 8270C	-88	-88	11	122	
2016/17-5	Lab	LCS dup	2/8/2017	Organic	Acenaphthene	n/a	=	9.04	µg/L	EPA 8270C	0.1	0.1			
2016/17-5	Lab	LCS dup, rec	2/8/2017	Organic	Acenaphthene	n/a	=	90	%	EPA 8270C	-88	-88	11	122	
2016/17-5	Lab	LCS, RPD	2/8/2017	Organic	Acenaphthene	n/a	=	5	%	EPA 8270C	-88	-88	0	30	
2016/17-5	Lab	method blank	2/11/2017	Organic	Acenaphthene	n/a	<	0.38	µg/L	EPA 625	0.38	1			
2016/17-5	Lab	LCS	2/11/2017	Organic	Acenaphthene	n/a	=	21.9	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	
2016/17-5	Lab	LCS, rec	2/11/2017	Organic	Acenaphthene	n/a	=	88	%	EPA 625	-88	-88	47	145	
2016/17-5	Lab	LCS dup	2/11/2017	Organic	Acenaphthene	n/a	=	22.2	µg/L	EPA 625	0.38	1			
2016/17-5	Lab	LCS dup, rec	2/11/2017	Organic	Acenaphthene	n/a	=	89	%	EPA 625	-88	-88	47	145	
2016/17-5	Lab	LCS, RPD	2/11/2017	Organic	Acenaphthene	n/a	=	1	%	EPA 625	-88	-88	0	30	
2016/17-5	Lab	method blank	2/7/2017	Organic	Acenaphthylene	n/a	<	0.1	µg/L	EPA 8270C	0.1	0.1			
2016/17-5	Lab	LCS	2/7/2017	Organic	Acenaphthylene	n/a	=	8.8	µg/L	EPA 8270C	0.1	0.1			
2016/17-5	Lab	LCS, rec	2/7/2017	Organic	Acenaphthylene	n/a	=	88	%	EPA 8270C	-88	-88	4	135	
2016/17-5	Lab	LCS dup	2/8/2017	Organic	Acenaphthylene	n/a	=	9.86	µg/L	EPA 8270C	0.1	0.1			
2016/17-5	Lab	LCS dup, rec	2/8/2017	Organic	Acenaphthylene	n/a	=	99	%	EPA 8270C	-88	-88	4	135	
2016/17-5	Lab	LCS, RPD	2/8/2017	Organic	Acenaphthylene	n/a	=	11	%	EPA 8270C	-88	-88	0	30	
2016/17-5	Lab	method blank	2/11/2017	Organic	Acenaphthylene	n/a	<	0.4	µg/L	EPA 625	0.4	1			
2016/17-5	Lab	LCS	2/11/2017	Organic	Acenaphthylene	n/a	=	19.5	µg/L	EPA 625	0.4	1			
2016/17-5	Lab	LCS, rec	2/11/2017	Organic	Acenaphthylene	n/a	=	78	%	EPA 625	-88	-88	33	145	
2016/17-5	Lab	LCS dup	2/11/2017	Organic	Acenaphthylene	n/a	=	19.5	µg/L	EPA 625	0.4	1			
2016/17-5	Lab	LCS dup, rec	2/11/2017	Organic	Acenaphthylene	n/a	=	78	%	EPA 625	-88	-88	33	145	
2016/17-5	Lab	LCS, RPD	2/11/2017	Organic	Acenaphthylene	n/a	=	0.1	%	EPA 625	-88	-88	0	30	
2016/17-5	Lab	method blank	2/7/2017	Organic	Anthracene	n/a	<	0.1	µg/L	EPA 8270C	0.1	0.1			
2016/17-5	Lab	LCS	2/7/2017	Organic	Anthracene	n/a	=	8.17	µg/L	EPA 8270C	0.1	0.1			
2016/17-5	Lab	LCS, rec	2/7/2017	Organic	Anthracene	n/a	=	82	%	EPA 8270C	-88	-88	22	127	
2016/17-5	Lab	LCS dup	2/8/2017	Organic	Anthracene	n/a	=	8.83	µg/L	EPA 8270C	0.1	0.1			
2016/17-5	Lab	LCS dup, rec	2/8/2017	Organic	Anthracene	n/a	=	88	%	EPA 8270C	-88	-88	22	127	
2016/17-5	Lab	LCS, RPD	2/8/2017	Organic	Anthracene	n/a	=	8	%	EPA 8270C	-88	-88	0	30	
2016/17-5	Lab	method blank	2/11/2017	Organic	Anthracene	n/a	<	0.34	µg/L	EPA 625	0.34	1			
2016/17-5	Lab	LCS	2/11/2017	Organic	Anthracene	n/a	=	22.5	µg/L	EPA 625	0.34	1			
2016/17-5	Lab	LCS, rec	2/11/2017	Organic	Anthracene	n/a	=	90	%	EPA 625	-88	-88	27	133	
2016/17-5	Lab	LCS dup	2/11/2017	Organic	Anthracene	n/a	=	22.3	µg/L	EPA 625	0.34	1			
2016/17-5	Lab	LCS dup, rec	2/11/2017	Organic	Anthracene	n/a	=	89	%	EPA 625	-88	-88	27	133	
2016/17-5	Lab	LCS, RPD	2/11/2017	Organic	Anthracene	n/a	=	0.9	%	EPA 625	-88	-88	0	30	
2016/17-5	Lab	method blank	2/7/2017	Organic	Benz(a)anthracene	n/a	<	0.1	µg/L	EPA 8270C	0.1	0.1			
2016/17-5	Lab	LCS	2/7/2017	Organic	Benz(a)anthracene	n/a	=	8.23	µg/L	EPA 8270C	0.1	0.1			
2016/17-5	Lab	LCS, rec	2/7/2017	Organic	Benz(a)anthracene	n/a	=	82	%	EPA 8270C	-88	-88	17	131	
2016/17-5	Lab	LCS dup	2/8/2017	Organic	Benz(a)anthracene	n/a	=	9.74	µg/L	EPA 8270C	0.1	0.1			
2016/17-5	Lab	LCS dup, rec	2/8/2017	Organic	Benz(a)anthracene	n/a	=	97	%	EPA 8270C	-88	-88	17	131	
2016/17-5	Lab	LCS, RPD	2/8/2017	Organic	Benz(a)anthracene	n/a	=	17	%	EPA 8270C	-88	-88	0	30	
2016/17-5	Lab	method blank	2/11/2017	Organic	Benz(a)anthracene	n/a	<	0.19	µg/L	EPA 625	0.19	1			
2016/17-5	Lab	LCS	2/11/2017	Organic	Benz(a)anthracene	n/a	=	21.9	µg/L	EPA 625	0.19	1			
2016/17-5	Lab	LCS, rec	2/11/2017	Organic	Benz(a)anthracene	n/a	=	88	%	EPA 625	-88	-88	33	143	
2016/17-5	Lab	LCS dup	2/11/2017	Organic	Benz(a)anthracene	n/a	=	19	µg/L	EPA 625	0.19	1			
2016/17-5	Lab	LCS dup, rec	2/11/2017	Organic	Benz(a)anthracene	n/a	=	76	%	EPA 625	-88	-88	33	143	
2016/17-5	Lab	LCS, RPD	2/11/2017	Organic	Benz(a)anthracene	n/a	=	14	%	EPA 625	-88	-88	0	30	
2016/17-5	Lab	method blank	2/11/2017	Organic	Benzidine	n/a	<	3.7	µg/L	EPA 625	3.7	5			
2016/17-5	Lab	method blank	1/27/2017	Organic	Benzo(a)pyrene	n/a	<	0.07	µg/L	EPA 525.2	0.07	0.1			
2016/17-5	Lab	LCS	1/27/2017	Organic	Benzo(a)pyrene	n/a	=	3.6	µg/L	EPA 525.2	0.07	0.1			
2016/17-5	Lab	LCS, rec	1/27/2017	Organic	Benzo(a)pyrene	n/a	=	72	%	EPA 525.2	-88	-88	40	147	
2016/17-5	Lab	LCS dup	1/27/2017	Organic	Benzo(a)pyrene	n/a	=	3.6	µg/L	EPA 525.2	0.07	0.1			
2016/17-5	Lab	LCS dup, rec	1/27/2017	Organic	Benzo(a)pyrene	n/a	=	72	%	EPA 525.2	-88	-88	40	147	
2016/17-5	Lab	LCS, RPD	1/27/2017	Organic	Benzo(a)pyrene	n/a	=	0	%	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	
2016/17-5	Lab	method blank	1/30/2017	Organic	Benzo(a)pyrene	n/a	<	0.07	µg/L	EPA 525.2	0.07	0.1			
2016/17-5	Lab	LCS	1/30/2017	Organic	Benzo(a)pyrene	n/a	=	4.19	µg/L	EPA 525.2	0.07	0.1			
2016/17-5	Lab	LCS, rec	1/30/2017	Organic	Benzo(a)pyrene	n/a	=	84	%	EPA 525.2	-88	-88	40	147	
2016/17-5	Lab	LCS dup	1/30/2017	Organic	Benzo(a)pyrene	n/a	=	4.01	µg/L	EPA 525.2	0.07	0.1			
2016/17-5	Lab	LCS dup, rec	1/30/2017	Organic	Benzo(a)pyrene	n/a	=	80	%	EPA 525.2	-88	-88	40	147	
2016/17-5	Lab	LCS, RPD	1/30/2017	Organic	Benzo(a)pyrene	n/a	=	5	%	EPA 525.2	-88	-88	0	30	
2016/17-5	Lab	method blank	2/7/2017	Organic	Benzo(a)pyrene	n/a	<	0.1	µg/L	EPA 8270C	0.1	0.1			
2016/17-5	Lab	LCS	2/7/2017	Organic	Benzo(a)pyrene	n/a	=	8.77	µg/L	EPA 8270C	0.1	0.1			
2016/17-5	Lab	LCS, rec	2/7/2017	Organic	Benzo(a)pyrene	n/a	=	88	%	EPA 8270C	-88	-88	12	131	
2016/17-5	Lab	LCS dup	2/8/2017	Organic	Benzo(a)pyrene	n/a	=	9.71	µg/L	EPA 8270C	0.1	0.1			
2016/17-5	Lab	LCS dup, rec	2/8/2017	Organic	Benzo(a)pyrene	n/a	=	97	%	EPA 8270C	-88	-88	12	131	
2016/17-5	Lab	LCS, RPD	2/8/2017	Organic	Benzo(a)pyrene	n/a	=	10	%	EPA 8270C	-88	-88	0	30	
2016/17-5	Lab	method blank	2/11/2017	Organic	Benzo(a)pyrene	n/a	<	0.13	µg/L	EPA 625	0.13	1			
2016/17-5	Lab	LCS	2/11/2017	Organic	Benzo(a)pyrene	n/a	=	22.2	µg/L	EPA 625	0.13	1			
2016/17-5	Lab	LCS, rec	2/11/2017	Organic	Benzo(a)pyrene	n/a	=	89	%	EPA 625	-88	-88	17	163	
2016/17-5	Lab	LCS dup	2/11/2017	Organic	Benzo(a)pyrene	n/a	=	20.9	µg/L	EPA 625	0.13	1			
2016/17-5	Lab	LCS dup, rec	2/11/2017	Organic	Benzo(a)pyrene	n/a	=	83	%	EPA 625	-88	-88	17	163	
2016/17-5	Lab	LCS, RPD	2/11/2017	Organic	Benzo(a)pyrene	n/a	=	6	%	EPA 625	-88	-88	0	30	
2016/17-5	Lab	method blank	2/7/2017	Organic	Benzo(b)fluoranthene	n/a	<	0.1	µg/L	EPA 8270C	0.1	0.1			
2016/17-5	Lab	LCS	2/7/2017	Organic	Benzo(b)fluoranthene	n/a	=	8.94	µg/L	EPA 8270C	0.1	0.1			
2016/17-5	Lab	LCS, rec	2/7/2017	Organic	Benzo(b)fluoranthene	n/a	=	89	%	EPA 8270C	-88	-88	19	129	
2016/17-5	Lab	LCS dup	2/8/2017	Organic	Benzo(b)fluoranthene	n/a	=	10.3	µg/L	EPA 8270C	0.1	0.1			
2016/17-5	Lab	LCS dup, rec	2/8/2017	Organic	Benzo(b)fluoranthene	n/a	=	103	%	EPA 8270C	-88	-88	19	129	
2016/17-5	Lab	LCS, RPD	2/8/2017	Organic	Benzo(b)fluoranthene	n/a	=	14	%	EPA 8270C	-88	-88	0	30	
2016/17-5	Lab	method blank	2/11/2017	Organic	Benzo(b)fluoranthene	n/a	<	0.14	µg/L	EPA 625	0.14	1			
2016/17-5	Lab	LCS	2/11/2017	Organic	Benzo(b)fluoranthene	n/a	=	22.2	µg/L	EPA 625	0.14	1			
2016/17-5	Lab	LCS, rec	2/11/2017	Organic	Benzo(b)fluoranthene	n/a	=	89	%	EPA 625	-88	-88	24	159	
2016/17-5	Lab	LCS dup	2/11/2017	Organic	Benzo(b)fluoranthene	n/a	=	20.9	µg/L	EPA 625	0.14	1			
2016/17-5	Lab	LCS dup, rec	2/11/2017	Organic	Benzo(b)fluoranthene	n/a	=	84	%	EPA 625	-88	-88	24	159	
2016/17-5	Lab	LCS, RPD	2/11/2017	Organic	Benzo(b)fluoranthene	n/a	=	6	%	EPA 625	-88	-88	0	30	
2016/17-5	Lab	method blank	2/7/2017	Organic	Benzo(g,h,i)perylene	n/a	<	0.1	µg/L	EPA 8270C	0.1	0.1			
2016/17-5	Lab	LCS	2/7/2017	Organic	Benzo(g,h,i)perylene	n/a	=	7.48	µg/L	EPA 8270C	0.1	0.1			
2016/17-5	Lab	LCS, rec	2/7/2017	Organic	Benzo(g,h,i)perylene	n/a	=	75	%	EPA 8270C	-88	-88	14	139	
2016/17-5	Lab	LCS dup	2/8/2017	Organic	Benzo(g,h,i)perylene	n/a	=	8.7	µg/L	EPA 8270C	0.1	0.1			
2016/17-5	Lab	LCS dup, rec	2/8/2017	Organic	Benzo(g,h,i)perylene	n/a	=	87	%	EPA 8270C	-88	-88	14	139	
2016/17-5	Lab	LCS, RPD	2/8/2017	Organic	Benzo(g,h,i)perylene	n/a	=	15	%	EPA 8270C	-88	-88	0	30	
2016/17-5	Lab	method blank	2/11/2017	Organic	Benzo(g,h,i)perylene	n/a	<	0.1	µg/L	EPA 625	0.1	2			
2016/17-5	Lab	LCS	2/11/2017	Organic	Benzo(g,h,i)perylene	n/a	=	21	µg/L	EPA 625	0.1	2			
2016/17-5	Lab	LCS, rec	2/11/2017	Organic	Benzo(g,h,i)perylene	n/a	=	84	%	EPA 625	-88	-88	0.1	219	
2016/17-5	Lab	LCS dup	2/11/2017	Organic	Benzo(g,h,i)perylene	n/a	=	21.9	µg/L	EPA 625	0.1	2			
2016/17-5	Lab	LCS dup, rec	2/11/2017	Organic	Benzo(g,h,i)perylene	n/a	=	87	%	EPA 625	-88	-88	0.1	219	
2016/17-5	Lab	LCS, RPD	2/11/2017	Organic	Benzo(g,h,i)perylene	n/a	=	4	%	EPA 625	-88	-88	0	30	
2016/17-5	Lab	method blank	2/7/2017	Organic	Benzo(k)fluoranthene	n/a	<	0.1	µg/L	EPA 8270C	0.1	0.1			
2016/17-5	Lab	LCS	2/7/2017	Organic	Benzo(k)fluoranthene	n/a	=	9.64	µg/L	EPA 8270C	0.1	0.1			
2016/17-5	Lab	LCS, rec	2/7/2017	Organic	Benzo(k)fluoranthene	n/a	=	96	%	EPA 8270C	-88	-88	22	127	
2016/17-5	Lab	LCS dup	2/8/2017	Organic	Benzo(k)fluoranthene	n/a	=	10.3	µg/L	EPA 8270C	0.1	0.1			
2016/17-5	Lab	LCS dup, rec	2/8/2017	Organic	Benzo(k)fluoranthene	n/a	=	103	%	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	
2016/17-5	Lab	LCS, RPD	2/8/2017	Organic	Benzo(k)fluoranthene	n/a	=	6	%	EPA 8270C	-88	-88	0	30	
2016/17-5	Lab	method blank	2/11/2017	Organic	Benzo(k)fluoranthene	n/a	<	0.22	µg/L	EPA 625	0.22	1			
2016/17-5	Lab	LCS	2/11/2017	Organic	Benzo(k)fluoranthene	n/a	=	22.9	µg/L	EPA 625	0.22	1			
2016/17-5	Lab	LCS, rec	2/11/2017	Organic	Benzo(k)fluoranthene	n/a	=	92	%	EPA 625	-88	-88	11	162	
2016/17-5	Lab	LCS dup	2/11/2017	Organic	Benzo(k)fluoranthene	n/a	=	21.6	µg/L	EPA 625	0.22	1			
2016/17-5	Lab	LCS dup, rec	2/11/2017	Organic	Benzo(k)fluoranthene	n/a	=	86	%	EPA 625	-88	-88	11	162	
2016/17-5	Lab	LCS, RPD	2/11/2017	Organic	Benzo(k)fluoranthene	n/a	=	6	%	EPA 625	-88	-88	0	30	
2016/17-5	Lab	method blank	2/11/2017	Organic	Bis(2-chloroethoxy)methane	n/a	<	0.25	µg/L	EPA 625	0.25	1			
2016/17-5	Lab	LCS	2/11/2017	Organic	Bis(2-chloroethoxy)methane	n/a	=	18.8	µg/L	EPA 625	0.25	1			
2016/17-5	Lab	LCS, rec	2/11/2017	Organic	Bis(2-chloroethoxy)methane	n/a	=	75	%	EPA 625	-88	-88	33	184	
2016/17-5	Lab	LCS dup	2/11/2017	Organic	Bis(2-chloroethoxy)methane	n/a	=	19.1	µg/L	EPA 625	0.25	1			
2016/17-5	Lab	LCS dup, rec	2/11/2017	Organic	Bis(2-chloroethoxy)methane	n/a	=	76	%	EPA 625	-88	-88	33	184	
2016/17-5	Lab	LCS, RPD	2/11/2017	Organic	Bis(2-chloroethoxy)methane	n/a	=	2	%	EPA 625	-88	-88	0	30	
2016/17-5	Lab	method blank	2/11/2017	Organic	Bis(2-chloroethyl)ether	n/a	<	0.27	µg/L	EPA 625	0.27	1			
2016/17-5	Lab	LCS	2/11/2017	Organic	Bis(2-chloroethyl)ether	n/a	=	18.3	µg/L	EPA 625	0.27	1			
2016/17-5	Lab	LCS, rec	2/11/2017	Organic	Bis(2-chloroethyl)ether	n/a	=	73	%	EPA 625	-88	-88	12	158	
2016/17-5	Lab	LCS dup	2/11/2017	Organic	Bis(2-chloroethyl)ether	n/a	=	18.3	µg/L	EPA 625	0.27	1			
2016/17-5	Lab	LCS dup, rec	2/11/2017	Organic	Bis(2-chloroethyl)ether	n/a	=	73	%	EPA 625	-88	-88	12	158	
2016/17-5	Lab	LCS, RPD	2/11/2017	Organic	Bis(2-chloroethyl)ether	n/a	=	0.2	%	EPA 625	-88	-88	0	30	
2016/17-5	Lab	method blank	2/11/2017	Organic	Bis(2-chloroisopropyl)ether	n/a	<	0.38	µg/L	EPA 625	0.38	1			
2016/17-5	Lab	LCS	2/11/2017	Organic	Bis(2-chloroisopropyl)ether	n/a	=	20.2	µg/L	EPA 625	0.38	1			
2016/17-5	Lab	LCS, rec	2/11/2017	Organic	Bis(2-chloroisopropyl)ether	n/a	=	81	%	EPA 625	-88	-88	36	166	
2016/17-5	Lab	LCS dup	2/11/2017	Organic	Bis(2-chloroisopropyl)ether	n/a	=	20.4	µg/L	EPA 625	0.38	1			
2016/17-5	Lab	LCS dup, rec	2/11/2017	Organic	Bis(2-chloroisopropyl)ether	n/a	=	82	%	EPA 625	-88	-88	36	166	
2016/17-5	Lab	LCS, RPD	2/11/2017	Organic	Bis(2-chloroisopropyl)ether	n/a	=	1	%	EPA 625	-88	-88	0	30	
2016/17-5	Lab	method blank	1/27/2017	Organic	Bis(2-ethylhexyl)adipate	n/a	<	0.1	µg/L	EPA 525.2	0.1	5			
2016/17-5	Lab	LCS	1/27/2017	Organic	Bis(2-ethylhexyl)adipate	n/a	DNQ	3.97	µg/L	EPA 525.2	0.1	5			
2016/17-5	Lab	LCS, rec	1/27/2017	Organic	Bis(2-ethylhexyl)adipate	n/a	=	79	%	EPA 525.2	-88	-88	71	158	
2016/17-5	Lab	LCS dup	1/27/2017	Organic	Bis(2-ethylhexyl)adipate	n/a	DNQ	4.45	µg/L	EPA 525.2	0.1	5			
2016/17-5	Lab	LCS dup, rec	1/27/2017	Organic	Bis(2-ethylhexyl)adipate	n/a	=	89	%	EPA 525.2	-88	-88	71	158	
2016/17-5	Lab	LCS, RPD	1/27/2017	Organic	Bis(2-ethylhexyl)adipate	n/a	=	11	%	EPA 525.2	-88	-88	0	30	
2016/17-5	Lab	method blank	1/30/2017	Organic	Bis(2-ethylhexyl)adipate	n/a	<	0.1	µg/L	EPA 525.2	0.1	5			
2016/17-5	Lab	LCS	1/30/2017	Organic	Bis(2-ethylhexyl)adipate	n/a	DNQ	4.55	µg/L	EPA 525.2	0.1	5			
2016/17-5	Lab	LCS, rec	1/30/2017	Organic	Bis(2-ethylhexyl)adipate	n/a	=	91	%	EPA 525.2	-88	-88	71	158	
2016/17-5	Lab	LCS dup	1/30/2017	Organic	Bis(2-ethylhexyl)adipate	n/a	DNQ	4.81	µg/L	EPA 525.2	0.1	5			
2016/17-5	Lab	LCS dup, rec	1/30/2017	Organic	Bis(2-ethylhexyl)adipate	n/a	=	96	%	EPA 525.2	-88	-88	71	158	
2016/17-5	Lab	LCS, RPD	1/30/2017	Organic	Bis(2-ethylhexyl)adipate	n/a	=	6	%	EPA 525.2	-88	-88	0	30	
2016/17-5	Lab	method blank	1/27/2017	Organic	Bis(2-ethylhexyl)phthalate	n/a	<	1.1	µg/L	EPA 525.2	1.1	3			
2016/17-5	Lab	LCS	1/27/2017	Organic	Bis(2-ethylhexyl)phthalate	n/a	=	4.06	µg/L	EPA 525.2	1.1	3			
2016/17-5	Lab	LCS, rec	1/27/2017	Organic	Bis(2-ethylhexyl)phthalate	n/a	=	81	%	EPA 525.2	-88	-88	68	154	
2016/17-5	Lab	LCS dup	1/27/2017	Organic	Bis(2-ethylhexyl)phthalate	n/a	=	4.58	µg/L	EPA 525.2	1.1	3			
2016/17-5	Lab	LCS dup, rec	1/27/2017	Organic	Bis(2-ethylhexyl)phthalate	n/a	=	92	%	EPA 525.2	-88	-88	68	154	
2016/17-5	Lab	LCS, RPD	1/27/2017	Organic	Bis(2-ethylhexyl)phthalate	n/a	=	12	%	EPA 525.2	-88	-88	0	30	
2016/17-5	Lab	method blank	1/30/2017	Organic	Bis(2-ethylhexyl)phthalate	n/a	<	1.1	µg/L	EPA 525.2	1.1	3			
2016/17-5	Lab	LCS	1/30/2017	Organic	Bis(2-ethylhexyl)phthalate	n/a	=	4.92	µg/L	EPA 525.2	1.1	3			
2016/17-5	Lab	LCS, rec	1/30/2017	Organic	Bis(2-ethylhexyl)phthalate	n/a	=	98	%	EPA 525.2	-88	-88	68	154	
2016/17-5	Lab	LCS dup	1/30/2017	Organic	Bis(2-ethylhexyl)phthalate	n/a	=	4.98	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	
2016/17-5	Lab	LCS dup, rec	1/30/2017	Organic	Bis(2-ethylhexyl)phthalate	n/a	=	100	%	EPA 525.2	-88	-88	68	154	
2016/17-5	Lab	LCS, RPD	1/30/2017	Organic	Bis(2-ethylhexyl)phthalate	n/a	=	1	%	EPA 525.2	-88	-88	0	30	
2016/17-5	Lab	method blank	2/11/2017	Organic	Bis(2-ethylhexyl)phthalate	n/a	=	23.5	µg/L	EPA 625	2.3	4			IP
2016/17-5	Lab	LCS	2/11/2017	Organic	Bis(2-ethylhexyl)phthalate	n/a	=	27.8	µg/L	EPA 625	2.3	4			
2016/17-5	Lab	LCS, rec	2/11/2017	Organic	Bis(2-ethylhexyl)phthalate	n/a	=	111	%	EPA 625	-88	-88	8	158	
2016/17-5	Lab	LCS dup	2/11/2017	Organic	Bis(2-ethylhexyl)phthalate	n/a	=	21	µg/L	EPA 625	2.3	4			
2016/17-5	Lab	LCS dup, rec	2/11/2017	Organic	Bis(2-ethylhexyl)phthalate	n/a	=	84	%	EPA 625	-88	-88	8	158	
2016/17-5	Lab	LCS, RPD	2/11/2017	Organic	Bis(2-ethylhexyl)phthalate	n/a	=	28	%	EPA 625	-88	-88	0	30	
2016/17-5	Lab	method blank	2/11/2017	Organic	Butyl benzyl phthalate	n/a	<	0.18	µg/L	EPA 625	0.18	1			
2016/17-5	Lab	LCS	2/11/2017	Organic	Butyl benzyl phthalate	n/a	=	22.2	µg/L	EPA 625	0.18	1			
2016/17-5	Lab	LCS, rec	2/11/2017	Organic	Butyl benzyl phthalate	n/a	=	89	%	EPA 625	-88	-88	0.1	152	
2016/17-5	Lab	LCS dup	2/11/2017	Organic	Butyl benzyl phthalate	n/a	=	19.9	µg/L	EPA 625	0.18	1			
2016/17-5	Lab	LCS dup, rec	2/11/2017	Organic	Butyl benzyl phthalate	n/a	=	79	%	EPA 625	-88	-88	0.1	152	
2016/17-5	Lab	LCS, RPD	2/11/2017	Organic	Butyl benzyl phthalate	n/a	=	11	%	EPA 625	-88	-88	0	30	
2016/17-5	Lab	method blank	2/7/2017	Organic	Chrysene	n/a	<	0.1	µg/L	EPA 8270C	0.1	0.1			
2016/17-5	Lab	LCS	2/7/2017	Organic	Chrysene	n/a	=	9.59	µg/L	EPA 8270C	0.1	0.1			
2016/17-5	Lab	LCS, rec	2/7/2017	Organic	Chrysene	n/a	=	96	%	EPA 8270C	-88	-88	32	126	
2016/17-5	Lab	LCS dup	2/8/2017	Organic	Chrysene	n/a	=	10.3	µg/L	EPA 8270C	0.1	0.1			
2016/17-5	Lab	LCS dup, rec	2/8/2017	Organic	Chrysene	n/a	=	103	%	EPA 8270C	-88	-88	32	126	
2016/17-5	Lab	LCS, RPD	2/8/2017	Organic	Chrysene	n/a	=	7	%	EPA 8270C	-88	-88	0	30	
2016/17-5	Lab	method blank	2/11/2017	Organic	Chrysene	n/a	<	0.19	µg/L	EPA 625	0.19	1			
2016/17-5	Lab	LCS	2/11/2017	Organic	Chrysene	n/a	=	23.4	µg/L	EPA 625	0.19	1			
2016/17-5	Lab	LCS, rec	2/11/2017	Organic	Chrysene	n/a	=	94	%	EPA 625	-88	-88	17	168	
2016/17-5	Lab	LCS dup	2/11/2017	Organic	Chrysene	n/a	=	23.5	µg/L	EPA 625	0.19	1			
2016/17-5	Lab	LCS dup, rec	2/11/2017	Organic	Chrysene	n/a	=	94	%	EPA 625	-88	-88	17	168	
2016/17-5	Lab	LCS, RPD	2/11/2017	Organic	Chrysene	n/a	=	0.3	%	EPA 625	-88	-88	0	30	
2016/17-5	Lab	method blank	2/7/2017	Organic	Dibenz(a,h)anthracene	n/a	<	0.1	µg/L	EPA 8270C	0.1	0.1			
2016/17-5	Lab	LCS	2/7/2017	Organic	Dibenz(a,h)anthracene	n/a	=	8.28	µg/L	EPA 8270C	0.1	0.1			
2016/17-5	Lab	LCS, rec	2/7/2017	Organic	Dibenz(a,h)anthracene	n/a	=	83	%	EPA 8270C	-88	-88	9	147	
2016/17-5	Lab	LCS dup	2/8/2017	Organic	Dibenz(a,h)anthracene	n/a	=	9.84	µg/L	EPA 8270C	0.1	0.1			
2016/17-5	Lab	LCS dup, rec	2/8/2017	Organic	Dibenz(a,h)anthracene	n/a	=	98	%	EPA 8270C	-88	-88	9	147	
2016/17-5	Lab	LCS, RPD	2/8/2017	Organic	Dibenz(a,h)anthracene	n/a	=	17	%	EPA 8270C	-88	-88	0	30	
2016/17-5	Lab	method blank	2/11/2017	Organic	Dibenz(a,h)anthracene	n/a	<	0.08	µg/L	EPA 625	0.08	2			
2016/17-5	Lab	LCS	2/11/2017	Organic	Dibenz(a,h)anthracene	n/a	=	22.8	µg/L	EPA 625	0.08	2			
2016/17-5	Lab	LCS, rec	2/11/2017	Organic	Dibenz(a,h)anthracene	n/a	=	91	%	EPA 625	-88	-88	0.1	227	
2016/17-5	Lab	LCS dup	2/11/2017	Organic	Dibenz(a,h)anthracene	n/a	=	23.3	µg/L	EPA 625	0.08	2			
2016/17-5	Lab	LCS dup, rec	2/11/2017	Organic	Dibenz(a,h)anthracene	n/a	=	93	%	EPA 625	-88	-88	0.1	227	
2016/17-5	Lab	LCS, RPD	2/11/2017	Organic	Dibenz(a,h)anthracene	n/a	=	3	%	EPA 625	-88	-88	0	30	
2016/17-5	Lab	method blank	2/11/2017	Organic	Diethyl phthalate	n/a	<	0.15	µg/L	EPA 625	0.15	1			
2016/17-5	Lab	LCS	2/11/2017	Organic	Diethyl phthalate	n/a	=	20.8	µg/L	EPA 625	0.15	1			
2016/17-5	Lab	LCS, rec	2/11/2017	Organic	Diethyl phthalate	n/a	=	83	%	EPA 625	-88	-88	0.1	114	
2016/17-5	Lab	LCS dup	2/11/2017	Organic	Diethyl phthalate	n/a	=	19.5	µg/L	EPA 625	0.15	1			
2016/17-5	Lab	LCS dup, rec	2/11/2017	Organic	Diethyl phthalate	n/a	=	78	%	EPA 625	-88	-88	0.1	114	
2016/17-5	Lab	LCS, RPD	2/11/2017	Organic	Diethyl phthalate	n/a	=	6	%	EPA 625	-88	-88	0	30	
2016/17-5	Lab	method blank	2/11/2017	Organic	Dimethyl phthalate	n/a	<	0.18	µg/L	EPA 625	0.18	1			
2016/17-5	Lab	LCS	2/11/2017	Organic	Dimethyl phthalate	n/a	=	19.5	µg/L	EPA 625	0.18	1			
2016/17-5	Lab	LCS, rec	2/11/2017	Organic	Dimethyl phthalate	n/a	=	78	%	EPA 625	-88	-88	0.1	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	
2016/17-5	Lab	LCS dup	2/11/2017	Organic	Dimethyl phthalate	n/a	=	18.8	µg/L	EPA 625	0.18	1			
2016/17-5	Lab	LCS dup, rec	2/11/2017	Organic	Dimethyl phthalate	n/a	=	75	%	EPA 625	-88	-88	0.1	112	
2016/17-5	Lab	LCS, RPD	2/11/2017	Organic	Dimethyl phthalate	n/a	=	4	%	EPA 625	-88	-88	0	30	
2016/17-5	Lab	method blank	2/11/2017	Organic	Di-n-butylphthalate	n/a	<	0.24	µg/L	EPA 625	0.24	1			
2016/17-5	Lab	LCS	2/11/2017	Organic	Di-n-butylphthalate	n/a	=	23.4	µg/L	EPA 625	0.24	1			
2016/17-5	Lab	LCS, rec	2/11/2017	Organic	Di-n-butylphthalate	n/a	=	94	%	EPA 625	-88	-88	1	118	
2016/17-5	Lab	LCS dup	2/11/2017	Organic	Di-n-butylphthalate	n/a	=	22.9	µg/L	EPA 625	0.24	1			
2016/17-5	Lab	LCS dup, rec	2/11/2017	Organic	Di-n-butylphthalate	n/a	=	92	%	EPA 625	-88	-88	1	118	
2016/17-5	Lab	LCS, RPD	2/11/2017	Organic	Di-n-butylphthalate	n/a	=	2	%	EPA 625	-88	-88	0	30	
2016/17-5	Lab	method blank	2/11/2017	Organic	Di-n-octylphthalate	n/a	<	0.19	µg/L	EPA 625	0.19	1			
2016/17-5	Lab	LCS	2/11/2017	Organic	Di-n-octylphthalate	n/a	=	19.7	µg/L	EPA 625	0.19	1			
2016/17-5	Lab	LCS, rec	2/11/2017	Organic	Di-n-octylphthalate	n/a	=	79	%	EPA 625	-88	-88	4	146	
2016/17-5	Lab	LCS dup	2/11/2017	Organic	Di-n-octylphthalate	n/a	=	18.9	µg/L	EPA 625	0.19	1			
2016/17-5	Lab	LCS dup, rec	2/11/2017	Organic	Di-n-octylphthalate	n/a	=	76	%	EPA 625	-88	-88	4	146	
2016/17-5	Lab	LCS, RPD	2/11/2017	Organic	Di-n-octylphthalate	n/a	=	4	%	EPA 625	-88	-88	0	30	
2016/17-5	Lab	method blank	2/7/2017	Organic	Fluoranthene	n/a	<	0.1	µg/L	EPA 8270C	0.1	0.1			
2016/17-5	Lab	LCS	2/7/2017	Organic	Fluoranthene	n/a	=	8.21	µg/L	EPA 8270C	0.1	0.1			
2016/17-5	Lab	LCS, rec	2/7/2017	Organic	Fluoranthene	n/a	=	82	%	EPA 8270C	-88	-88	22	131	
2016/17-5	Lab	LCS dup	2/8/2017	Organic	Fluoranthene	n/a	=	9.28	µg/L	EPA 8270C	0.1	0.1			
2016/17-5	Lab	LCS dup, rec	2/8/2017	Organic	Fluoranthene	n/a	=	93	%	EPA 8270C	-88	-88	22	131	
2016/17-5	Lab	LCS, RPD	2/8/2017	Organic	Fluoranthene	n/a	=	12	%	EPA 8270C	-88	-88	0	30	
2016/17-5	Lab	method blank	2/11/2017	Organic	Fluoranthene	n/a	<	0.22	µg/L	EPA 625	0.22	1			
2016/17-5	Lab	LCS	2/11/2017	Organic	Fluoranthene	n/a	=	21.5	µg/L	EPA 625	0.22	1			
2016/17-5	Lab	LCS, rec	2/11/2017	Organic	Fluoranthene	n/a	=	86	%	EPA 625	-88	-88	26	137	
2016/17-5	Lab	LCS dup	2/11/2017	Organic	Fluoranthene	n/a	=	20.2	µg/L	EPA 625	0.22	1			
2016/17-5	Lab	LCS dup, rec	2/11/2017	Organic	Fluoranthene	n/a	=	81	%	EPA 625	-88	-88	26	137	
2016/17-5	Lab	LCS, RPD	2/11/2017	Organic	Fluoranthene	n/a	=	6	%	EPA 625	-88	-88	0	30	
2016/17-5	Lab	method blank	2/7/2017	Organic	Fluorene	n/a	<	0.1	µg/L	EPA 8270C	0.1	0.1			
2016/17-5	Lab	LCS	2/7/2017	Organic	Fluorene	n/a	=	7.72	µg/L	EPA 8270C	0.1	0.1			
2016/17-5	Lab	LCS, rec	2/7/2017	Organic	Fluorene	n/a	=	77	%	EPA 8270C	-88	-88	19	122	
2016/17-5	Lab	LCS dup	2/8/2017	Organic	Fluorene	n/a	=	8.52	µg/L	EPA 8270C	0.1	0.1			
2016/17-5	Lab	LCS dup, rec	2/8/2017	Organic	Fluorene	n/a	=	85	%	EPA 8270C	-88	-88	19	122	
2016/17-5	Lab	LCS, RPD	2/8/2017	Organic	Fluorene	n/a	=	10	%	EPA 8270C	-88	-88	0	30	
2016/17-5	Lab	method blank	2/11/2017	Organic	Fluorene	n/a	<	0.35	µg/L	EPA 625	0.35	1			
2016/17-5	Lab	LCS	2/11/2017	Organic	Fluorene	n/a	=	20.8	µg/L	EPA 625	0.35	1			
2016/17-5	Lab	LCS, rec	2/11/2017	Organic	Fluorene	n/a	=	83	%	EPA 625	-88	-88	59	121	
2016/17-5	Lab	LCS dup	2/11/2017	Organic	Fluorene	n/a	=	20.9	µg/L	EPA 625	0.35	1			
2016/17-5	Lab	LCS dup, rec	2/11/2017	Organic	Fluorene	n/a	=	84	%	EPA 625	-88	-88	59	121	
2016/17-5	Lab	LCS, RPD	2/11/2017	Organic	Fluorene	n/a	=	0.5	%	EPA 625	-88	-88	0	30	
2016/17-5	Lab	method blank	2/11/2017	Organic	Hexachlorobenzene	n/a	<	0.49	µg/L	EPA 625	0.49	1			
2016/17-5	Lab	LCS	2/11/2017	Organic	Hexachlorobenzene	n/a	=	17	µg/L	EPA 625	0.49	1			
2016/17-5	Lab	LCS, rec	2/11/2017	Organic	Hexachlorobenzene	n/a	=	68	%	EPA 625	-88	-88	0.1	152	
2016/17-5	Lab	LCS dup	2/11/2017	Organic	Hexachlorobenzene	n/a	=	16.3	µg/L	EPA 625	0.49	1			
2016/17-5	Lab	LCS dup, rec	2/11/2017	Organic	Hexachlorobenzene	n/a	=	65	%	EPA 625	-88	-88	0.1	152	
2016/17-5	Lab	LCS, RPD	2/11/2017	Organic	Hexachlorobenzene	n/a	=	4	%	EPA 625	-88	-88	0	30	
2016/17-5	Lab	method blank	2/11/2017	Organic	Hexachlorobutadiene	n/a	<	0.47	µg/L	EPA 625	0.47	1			
2016/17-5	Lab	LCS	2/11/2017	Organic	Hexachlorobutadiene	n/a	=	21.3	µg/L	EPA 625	0.47	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	
2016/17-5	Lab	LCS, rec	2/11/2017	Organic	Hexachlorobutadiene	n/a	=	85	%	EPA 625	-88	-88	24	116	
2016/17-5	Lab	LCS dup	2/11/2017	Organic	Hexachlorobutadiene	n/a	=	21.8	µg/L	EPA 625	0.47	1			
2016/17-5	Lab	LCS dup, rec	2/11/2017	Organic	Hexachlorobutadiene	n/a	=	87	%	EPA 625	-88	-88	24	116	
2016/17-5	Lab	LCS, RPD	2/11/2017	Organic	Hexachlorobutadiene	n/a	=	3	%	EPA 625	-88	-88	0	30	
2016/17-5	Lab	method blank	2/11/2017	Organic	Hexachlorocyclopentadiene	n/a	<	1.5	µg/L	EPA 625	1.5	5			
2016/17-5	Lab	LCS	2/11/2017	Organic	Hexachlorocyclopentadiene	n/a	=	13.3	µg/L	EPA 625	1.5	5			
2016/17-5	Lab	LCS, rec	2/11/2017	Organic	Hexachlorocyclopentadiene	n/a	=	53	%	EPA 625	-88	-88	0.1	81	
2016/17-5	Lab	LCS dup	2/11/2017	Organic	Hexachlorocyclopentadiene	n/a	=	14.4	µg/L	EPA 625	1.5	5			
2016/17-5	Lab	LCS dup, rec	2/11/2017	Organic	Hexachlorocyclopentadiene	n/a	=	58	%	EPA 625	-88	-88	0.1	81	
2016/17-5	Lab	LCS, RPD	2/11/2017	Organic	Hexachlorocyclopentadiene	n/a	=	8	%	EPA 625	-88	-88	0	30	
2016/17-5	Lab	method blank	2/11/2017	Organic	Hexachloroethane	n/a	<	0.52	µg/L	EPA 625	0.52	1			
2016/17-5	Lab	LCS	2/11/2017	Organic	Hexachloroethane	n/a	=	21.4	µg/L	EPA 625	0.52	1			
2016/17-5	Lab	LCS, rec	2/11/2017	Organic	Hexachloroethane	n/a	=	85	%	EPA 625	-88	-88	40	113	
2016/17-5	Lab	LCS dup	2/11/2017	Organic	Hexachloroethane	n/a	=	20.9	µg/L	EPA 625	0.52	1			
2016/17-5	Lab	LCS dup, rec	2/11/2017	Organic	Hexachloroethane	n/a	=	84	%	EPA 625	-88	-88	40	113	
2016/17-5	Lab	LCS, RPD	2/11/2017	Organic	Hexachloroethane	n/a	=	2	%	EPA 625	-88	-88	0	30	
2016/17-5	Lab	method blank	2/7/2017	Organic	Indeno(1,2,3-cd)pyrene	n/a	<	0.1	µg/L	EPA 8270C	0.1	0.1			
2016/17-5	Lab	LCS	2/7/2017	Organic	Indeno(1,2,3-cd)pyrene	n/a	=	7.55	µg/L	EPA 8270C	0.1	0.1			
2016/17-5	Lab	LCS, rec	2/7/2017	Organic	Indeno(1,2,3-cd)pyrene	n/a	=	75	%	EPA 8270C	-88	-88	12	136	
2016/17-5	Lab	LCS dup	2/8/2017	Organic	Indeno(1,2,3-cd)pyrene	n/a	=	8.68	µg/L	EPA 8270C	0.1	0.1			
2016/17-5	Lab	LCS dup, rec	2/8/2017	Organic	Indeno(1,2,3-cd)pyrene	n/a	=	87	%	EPA 8270C	-88	-88	12	136	
2016/17-5	Lab	LCS, RPD	2/8/2017	Organic	Indeno(1,2,3-cd)pyrene	n/a	=	14	%	EPA 8270C	-88	-88	0	30	
2016/17-5	Lab	method blank	2/11/2017	Organic	Indeno(1,2,3-cd)pyrene	n/a	<	0.12	µg/L	EPA 625	0.12	2			
2016/17-5	Lab	LCS	2/11/2017	Organic	Indeno(1,2,3-cd)pyrene	n/a	=	21	µg/L	EPA 625	0.12	2			
2016/17-5	Lab	LCS, rec	2/11/2017	Organic	Indeno(1,2,3-cd)pyrene	n/a	=	84	%	EPA 625	-88	-88	0.1	171	
2016/17-5	Lab	LCS dup	2/11/2017	Organic	Indeno(1,2,3-cd)pyrene	n/a	=	21.1	µg/L	EPA 625	0.12	2			
2016/17-5	Lab	LCS dup, rec	2/11/2017	Organic	Indeno(1,2,3-cd)pyrene	n/a	=	84	%	EPA 625	-88	-88	0.1	171	
2016/17-5	Lab	LCS, RPD	2/11/2017	Organic	Indeno(1,2,3-cd)pyrene	n/a	=	0.7	%	EPA 625	-88	-88	0	30	
2016/17-5	Lab	method blank	2/11/2017	Organic	Isophorone	n/a	<	0.21	µg/L	EPA 625	0.21	1			
2016/17-5	Lab	LCS	2/11/2017	Organic	Isophorone	n/a	=	20.1	µg/L	EPA 625	0.21	1			
2016/17-5	Lab	LCS, rec	2/11/2017	Organic	Isophorone	n/a	=	80	%	EPA 625	-88	-88	21	196	
2016/17-5	Lab	LCS dup	2/11/2017	Organic	Isophorone	n/a	=	20.5	µg/L	EPA 625	0.21	1			
2016/17-5	Lab	LCS dup, rec	2/11/2017	Organic	Isophorone	n/a	=	82	%	EPA 625	-88	-88	21	196	
2016/17-5	Lab	LCS, RPD	2/11/2017	Organic	Isophorone	n/a	=	2	%	EPA 625	-88	-88	0	30	
2016/17-5	Lab	LCS	1/20/2017	Organic	Methyl tert-butyl ether (MTBE)	n/a	=	51.4	µg/L	EPA 624	0.25	1			
2016/17-5	Lab	LCS, rec	1/20/2017	Organic	Methyl tert-butyl ether (MTBE)	n/a	=	103	%	EPA 624	-88	-88	80	128	
2016/17-5	Lab	LCS dup	1/20/2017	Organic	Methyl tert-butyl ether (MTBE)	n/a	=	51.4	µg/L	EPA 624	0.25	1			
2016/17-5	Lab	LCS dup, rec	1/20/2017	Organic	Methyl tert-butyl ether (MTBE)	n/a	=	103	%	EPA 624	-88	-88	80	128	
2016/17-5	Lab	LCS, RPD	1/20/2017	Organic	Methyl tert-butyl ether (MTBE)	n/a	=	0.02	%	EPA 624	-88	-88	0	25	
2016/17-5	Lab	method blank	1/20/2017	Organic	Methyl tert-butyl ether (MTBE)	n/a	<	0.25	µg/L	EPA 624	0.25	1			
2016/17-5	Lab	method blank	2/7/2017	Organic	Naphthalene	n/a	<	0.1	µg/L	EPA 8270C	0.1	0.1			
2016/17-5	Lab	LCS	2/7/2017	Organic	Naphthalene	n/a	=	8.2	µg/L	EPA 8270C	0.1	0.1			
2016/17-5	Lab	LCS, rec	2/7/2017	Organic	Naphthalene	n/a	=	82	%	EPA 8270C	-88	-88	12	136	
2016/17-5	Lab	LCS dup	2/8/2017	Organic	Naphthalene	n/a	=	8.58	µg/L	EPA 8270C	0.1	0.1			
2016/17-5	Lab	LCS dup, rec	2/8/2017	Organic	Naphthalene	n/a	=	86	%	EPA 8270C	-88	-88	12	136	
2016/17-5	Lab	LCS, RPD	2/8/2017	Organic	Naphthalene	n/a	=	5	%	EPA 8270C	-88	-88	0	30	
2016/17-5	Lab	method blank	2/11/2017	Organic	Naphthalene	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	
2016/17-5	Lab	LCS	2/11/2017	Organic	Naphthalene	n/a	=	21.8	µg/L	EPA 625	0.49	1			
2016/17-5	Lab	LCS, rec	2/11/2017	Organic	Naphthalene	n/a	=	87	%	EPA 625	-88	-88	21	133	
2016/17-5	Lab	LCS dup	2/11/2017	Organic	Naphthalene	n/a	=	22.1	µg/L	EPA 625	0.49	1			
2016/17-5	Lab	LCS dup, rec	2/11/2017	Organic	Naphthalene	n/a	=	89	%	EPA 625	-88	-88	21	133	
2016/17-5	Lab	LCS, RPD	2/11/2017	Organic	Naphthalene	n/a	=	1	%	EPA 625	-88	-88	0	30	
2016/17-5	Lab	method blank	2/11/2017	Organic	Nitrobenzene	n/a	<	0.36	µg/L	EPA 625	0.36	1			
2016/17-5	Lab	LCS	2/11/2017	Organic	Nitrobenzene	n/a	=	19.4	µg/L	EPA 625	0.36	1			
2016/17-5	Lab	LCS, rec	2/11/2017	Organic	Nitrobenzene	n/a	=	78	%	EPA 625	-88	-88	35	180	
2016/17-5	Lab	LCS dup	2/11/2017	Organic	Nitrobenzene	n/a	=	19.1	µg/L	EPA 625	0.36	1			
2016/17-5	Lab	LCS dup, rec	2/11/2017	Organic	Nitrobenzene	n/a	=	77	%	EPA 625	-88	-88	35	180	
2016/17-5	Lab	LCS, RPD	2/11/2017	Organic	Nitrobenzene	n/a	=	1	%	EPA 625	-88	-88	0	30	
2016/17-5	Lab	srgt method blank	2/7/2017	Organic	Nitrobenzene-d5	n/a	=	3.56	µg/L	EPA 8270C	-88	-88			
2016/17-5	Lab	srgt method blank, rec	2/7/2017	Organic	Nitrobenzene-d5	n/a	=	71	%	EPA 8270C	-88	-88	51	143	
2016/17-5	Lab	srgt LCS	2/7/2017	Organic	Nitrobenzene-d5	n/a	=	3.35	µg/L	EPA 8270C	-88	-88			
2016/17-5	Lab	srgt LCS, rec	2/7/2017	Organic	Nitrobenzene-d5	n/a	=	67	%	EPA 8270C	-88	-88	51	143	
2016/17-5	Lab	srgt LCS dup	2/8/2017	Organic	Nitrobenzene-d5	n/a	=	3.36	µg/L	EPA 8270C	-88	-88			
2016/17-5	Lab	srgt LCS dup, rec	2/8/2017	Organic	Nitrobenzene-d5	n/a	=	67	%	EPA 8270C	-88	-88	51	143	
2016/17-5	Lab	srgt method blank	2/11/2017	Organic	Nitrobenzene-d5	n/a	=	16.6	µg/L	EPA 625	-88	-88			
2016/17-5	Lab	srgt method blank, rec	2/11/2017	Organic	Nitrobenzene-d5	n/a	=	67	%	EPA 625	-88	-88	27	111	
2016/17-5	Lab	srgt LCS	2/11/2017	Organic	Nitrobenzene-d5	n/a	=	19.9	µg/L	EPA 625	-88	-88			
2016/17-5	Lab	srgt LCS, rec	2/11/2017	Organic	Nitrobenzene-d5	n/a	=	79	%	EPA 625	-88	-88	27	111	
2016/17-5	Lab	srgt LCS dup	2/11/2017	Organic	Nitrobenzene-d5	n/a	=	19	µg/L	EPA 625	-88	-88			
2016/17-5	Lab	srgt LCS dup, rec	2/11/2017	Organic	Nitrobenzene-d5	n/a	=	76	%	EPA 625	-88	-88	27	111	
2016/17-5	ME-SCR	srgt environ	2/8/2017	Organic	Nitrobenzene-d5	n/a	=	24.2	µg/L	EPA 8270C	-88	-88			GN
2016/17-5	ME-SCR	srgt environ, rec	2/8/2017	Organic	Nitrobenzene-d5	n/a	=	48	%	EPA 8270C	-88	-88	51	143	GN
2016/17-5	ME-SCR	srgt environ	2/11/2017	Organic	Nitrobenzene-d5	n/a	=	19.6	µg/L	EPA 625	-88	-88			
2016/17-5	ME-SCR	srgt environ, rec	2/11/2017	Organic	Nitrobenzene-d5	n/a	=	70	%	EPA 625	-88	-88	27	111	
2016/17-5	ME-VR2	srgt environ	2/8/2017	Organic	Nitrobenzene-d5	n/a	=	3.62	µg/L	EPA 8270C	-88	-88			
2016/17-5	ME-VR2	srgt environ, rec	2/8/2017	Organic	Nitrobenzene-d5	n/a	=	72	%	EPA 8270C	-88	-88	51	143	
2016/17-5	ME-VR2	srgt environ	2/11/2017	Organic	Nitrobenzene-d5	n/a	=	19.1	µg/L	EPA 625	-88	-88			
2016/17-5	ME-VR2	srgt environ, rec	2/11/2017	Organic	Nitrobenzene-d5	n/a	=	77	%	EPA 625	-88	-88	27	111	
2016/17-5	MO-CAM	srgt environ	2/8/2017	Organic	Nitrobenzene-d5	n/a	=	2.91	µg/L	EPA 8270C	-88	-88			
2016/17-5	MO-CAM	srgt environ, rec	2/8/2017	Organic	Nitrobenzene-d5	n/a	=	58	%	EPA 8270C	-88	-88	51	143	
2016/17-5	MO-CAM	srgt environ	2/11/2017	Organic	Nitrobenzene-d5	n/a	=	14.7	µg/L	EPA 625	-88	-88			
2016/17-5	MO-CAM	srgt environ, rec	2/11/2017	Organic	Nitrobenzene-d5	n/a	=	59	%	EPA 625	-88	-88	27	111	
2016/17-5	MO-HUE	srgt environ	2/8/2017	Organic	Nitrobenzene-d5	n/a	=	3.16	µg/L	EPA 8270C	-88	-88			
2016/17-5	MO-HUE	srgt environ, rec	2/8/2017	Organic	Nitrobenzene-d5	n/a	=	63	%	EPA 8270C	-88	-88	51	143	
2016/17-5	MO-HUE	srgt environ	2/11/2017	Organic	Nitrobenzene-d5	n/a	=	18.2	µg/L	EPA 625	-88	-88			
2016/17-5	MO-HUE	srgt environ, rec	2/11/2017	Organic	Nitrobenzene-d5	n/a	=	73	%	EPA 625	-88	-88	27	111	
2016/17-5	MO-MEI	srgt environ	2/8/2017	Organic	Nitrobenzene-d5	n/a	=	2.57	µg/L	EPA 8270C	-88	-88			
2016/17-5	MO-MEI	srgt environ, rec	2/8/2017	Organic	Nitrobenzene-d5	n/a	=	51	%	EPA 8270C	-88	-88	51	143	
2016/17-5	MO-MEI	srgt environ	2/11/2017	Organic	Nitrobenzene-d5	n/a	=	18.9	µg/L	EPA 625	-88	-88			
2016/17-5	MO-MEI	srgt environ, rec	2/11/2017	Organic	Nitrobenzene-d5	n/a	=	76	%	EPA 625	-88	-88	27	111	
2016/17-5	MO-OJA	srgt environ	2/8/2017	Organic	Nitrobenzene-d5	n/a	=	2.79	µg/L	EPA 8270C	-88	-88			
2016/17-5	MO-OJA	srgt environ, rec	2/8/2017	Organic	Nitrobenzene-d5	n/a	=	56	%	EPA 8270C	-88	-88	51	143	
2016/17-5	MO-OJA	srgt environ	2/11/2017	Organic	Nitrobenzene-d5	n/a	=	18.2	µg/L	EPA 625	-88	-88			
2016/17-5	MO-OJA	srgt environ, rec	2/11/2017	Organic	Nitrobenzene-d5	n/a	=	69	%	EPA 625	-88	-88	27	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	
2016/17-5	MO-VEN	srgt environ	2/8/2017	Organic	Nitrobenzene-d5	n/a	=	2.91	µg/L	EPA 8270C	-88	-88			
2016/17-5	MO-VEN	srgt environ, rec	2/8/2017	Organic	Nitrobenzene-d5	n/a	=	58	%	EPA 8270C	-88	-88	51	143	
2016/17-5	MO-VEN	srgt environ	2/11/2017	Organic	Nitrobenzene-d5	n/a	=	14.9	µg/L	EPA 625	-88	-88			
2016/17-5	MO-VEN	srgt environ, rec	2/11/2017	Organic	Nitrobenzene-d5	n/a	=	60	%	EPA 625	-88	-88	27	111	
2016/17-5	Lab	method blank	2/11/2017	Organic	N-Nitrosodimethylamine	n/a	<	0.14	µg/L	EPA 625	0.14	1			
2016/17-5	Lab	LCS	2/11/2017	Organic	N-Nitrosodimethylamine	n/a	=	14.1	µg/L	EPA 625	0.14	1			
2016/17-5	Lab	LCS, rec	2/11/2017	Organic	N-Nitrosodimethylamine	n/a	=	56	%	EPA 625	-88	-88	28	75	
2016/17-5	Lab	LCS dup	2/11/2017	Organic	N-Nitrosodimethylamine	n/a	=	13.5	µg/L	EPA 625	0.14	1			
2016/17-5	Lab	LCS dup, rec	2/11/2017	Organic	N-Nitrosodimethylamine	n/a	=	54	%	EPA 625	-88	-88	28	75	
2016/17-5	Lab	LCS, RPD	2/11/2017	Organic	N-Nitrosodimethylamine	n/a	=	4	%	EPA 625	-88	-88	0	30	
2016/17-5	Lab	method blank	2/11/2017	Organic	N-Nitrosodi-N-propylamine	n/a	<	0.26	µg/L	EPA 625	0.26	1			
2016/17-5	Lab	LCS	2/11/2017	Organic	N-Nitrosodi-N-propylamine	n/a	=	20.4	µg/L	EPA 625	0.26	1			
2016/17-5	Lab	LCS, rec	2/11/2017	Organic	N-Nitrosodi-N-propylamine	n/a	=	82	%	EPA 625	-88	-88	0.1	230	
2016/17-5	Lab	LCS dup	2/11/2017	Organic	N-Nitrosodi-N-propylamine	n/a	=	20.1	µg/L	EPA 625	0.26	1			
2016/17-5	Lab	LCS dup, rec	2/11/2017	Organic	N-Nitrosodi-N-propylamine	n/a	=	80	%	EPA 625	-88	-88	0.1	230	
2016/17-5	Lab	LCS, RPD	2/11/2017	Organic	N-Nitrosodi-N-propylamine	n/a	=	2	%	EPA 625	-88	-88	0	30	
2016/17-5	Lab	method blank	2/11/2017	Organic	N-Nitrosodiphenylamine	n/a	<	0.19	µg/L	EPA 625	0.19	1			
2016/17-5	Lab	LCS	2/11/2017	Organic	N-Nitrosodiphenylamine	n/a	=	17.4	µg/L	EPA 625	0.19	1			
2016/17-5	Lab	LCS, rec	2/11/2017	Organic	N-Nitrosodiphenylamine	n/a	=	70	%	EPA 625	-88	-88	42	90	
2016/17-5	Lab	LCS dup	2/11/2017	Organic	N-Nitrosodiphenylamine	n/a	=	16.9	µg/L	EPA 625	0.19	1			
2016/17-5	Lab	LCS dup, rec	2/11/2017	Organic	N-Nitrosodiphenylamine	n/a	=	68	%	EPA 625	-88	-88	42	90	
2016/17-5	Lab	LCS, RPD	2/11/2017	Organic	N-Nitrosodiphenylamine	n/a	=	3	%	EPA 625	-88	-88	0	30	
2016/17-5	Lab	srgt method blank	1/27/2017	Organic	Perylene-d12	n/a	=	3.26	µg/L	EPA 525.2	-88	-88			
2016/17-5	Lab	srgt method blank, rec	1/27/2017	Organic	Perylene-d12	n/a	=	65	%	EPA 525.2	-88	-88	30	118	
2016/17-5	Lab	srgt LCS	1/27/2017	Organic	Perylene-d12	n/a	=	4.41	µg/L	EPA 525.2	-88	-88			
2016/17-5	Lab	srgt LCS, rec	1/27/2017	Organic	Perylene-d12	n/a	=	88	%	EPA 525.2	-88	-88	30	118	
2016/17-5	Lab	srgt LCS dup	1/27/2017	Organic	Perylene-d12	n/a	=	4.1	µg/L	EPA 525.2	-88	-88			
2016/17-5	Lab	srgt LCS dup, rec	1/27/2017	Organic	Perylene-d12	n/a	=	82	%	EPA 525.2	-88	-88	30	118	
2016/17-5	Lab	srgt method blank	1/30/2017	Organic	Perylene-d12	n/a	=	2.37	µg/L	EPA 525.2	-88	-88			
2016/17-5	Lab	srgt method blank, rec	1/30/2017	Organic	Perylene-d12	n/a	=	47	%	EPA 525.2	-88	-88	30	118	
2016/17-5	Lab	srgt LCS	1/30/2017	Organic	Perylene-d12	n/a	=	5.15	µg/L	EPA 525.2	-88	-88			
2016/17-5	Lab	srgt LCS, rec	1/30/2017	Organic	Perylene-d12	n/a	=	103	%	EPA 525.2	-88	-88	30	118	
2016/17-5	Lab	srgt LCS dup	1/30/2017	Organic	Perylene-d12	n/a	=	4.78	µg/L	EPA 525.2	-88	-88			
2016/17-5	Lab	srgt LCS dup, rec	1/30/2017	Organic	Perylene-d12	n/a	=	96	%	EPA 525.2	-88	-88	30	118	
2016/17-5	ME-SCR	srgt environ	1/30/2017	Organic	Perylene-d12	n/a	=	0.659	µg/L	EPA 525.2	-88	-88			GN
2016/17-5	ME-SCR	srgt environ, rec	1/30/2017	Organic	Perylene-d12	n/a	=	11	%	EPA 525.2	-88	-88	30	118	GN
2016/17-5	ME-VR2	srgt environ	1/27/2017	Organic	Perylene-d12	n/a	=	0.45	µg/L	EPA 525.2	-88	-88			GN
2016/17-5	ME-VR2	srgt environ, rec	1/27/2017	Organic	Perylene-d12	n/a	=	9	%	EPA 525.2	-88	-88	30	118	GN
2016/17-5	MO-CAM	srgt environ	1/27/2017	Organic	Perylene-d12	n/a	=	0.47	µg/L	EPA 525.2	-88	-88			GN
2016/17-5	MO-CAM	srgt environ, rec	1/27/2017	Organic	Perylene-d12	n/a	=	9	%	EPA 525.2	-88	-88	30	118	GN
2016/17-5	MO-HUE	srgt environ	1/27/2017	Organic	Perylene-d12	n/a	=	0.35	µg/L	EPA 525.2	-88	-88			GN
2016/17-5	MO-HUE	srgt environ, rec	1/27/2017	Organic	Perylene-d12	n/a	=	7	%	EPA 525.2	-88	-88	30	118	GN
2016/17-5	MO-MEI	srgt environ	1/27/2017	Organic	Perylene-d12	n/a	=	0.37	µg/L	EPA 525.2	-88	-88			GN
2016/17-5	MO-MEI	srgt environ, rec	1/27/2017	Organic	Perylene-d12	n/a	=	7	%	EPA 525.2	-88	-88	30	118	GN
2016/17-5	MO-OJA	srgt environ	1/27/2017	Organic	Perylene-d12	n/a	=	0.39	µg/L	EPA 525.2	-88	-88			GN
2016/17-5	MO-OJA	srgt environ, rec	1/27/2017	Organic	Perylene-d12	n/a	=	8	%	EPA 525.2	-88	-88	30	118	GN
2016/17-5	MO-VEN	srgt environ	1/27/2017	Organic	Perylene-d12	n/a	=	0.44	µg/L	EPA 525.2	-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	
2016/17-5	MO-VEN	srgt environ, rec	1/27/2017	Organic	Perylene-d12	n/a	=	9	%	EPA 525.2	-88	-88	30	118	GN
2016/17-5	Lab	method blank	2/7/2017	Organic	Phenanthrene	n/a	<	0.1	µg/L	EPA 8270C	0.1	0.1			
2016/17-5	Lab	LCS	2/7/2017	Organic	Phenanthrene	n/a	=	8.06	µg/L	EPA 8270C	0.1	0.1			
2016/17-5	Lab	LCS, rec	2/7/2017	Organic	Phenanthrene	n/a	=	81	%	EPA 8270C	-88	-88	21	131	
2016/17-5	Lab	LCS dup	2/8/2017	Organic	Phenanthrene	n/a	=	8.87	µg/L	EPA 8270C	0.1	0.1			
2016/17-5	Lab	LCS dup, rec	2/8/2017	Organic	Phenanthrene	n/a	=	89	%	EPA 8270C	-88	-88	21	131	
2016/17-5	Lab	LCS, RPD	2/8/2017	Organic	Phenanthrene	n/a	=	10	%	EPA 8270C	-88	-88	0	30	
2016/17-5	Lab	method blank	2/11/2017	Organic	Phenanthrene	n/a	<	0.32	µg/L	EPA 625	0.32	1			
2016/17-5	Lab	LCS	2/11/2017	Organic	Phenanthrene	n/a	=	22	µg/L	EPA 625	0.32	1			
2016/17-5	Lab	LCS, rec	2/11/2017	Organic	Phenanthrene	n/a	=	88	%	EPA 625	-88	-88	54	120	
2016/17-5	Lab	LCS dup	2/11/2017	Organic	Phenanthrene	n/a	=	22.1	µg/L	EPA 625	0.32	1			
2016/17-5	Lab	LCS dup, rec	2/11/2017	Organic	Phenanthrene	n/a	=	89	%	EPA 625	-88	-88	54	120	
2016/17-5	Lab	LCS, RPD	2/11/2017	Organic	Phenanthrene	n/a	=	0.4	%	EPA 625	-88	-88	0	30	
2016/17-5	Lab	method blank	2/8/2017	Organic	Phenol	n/a	<	0.35	µg/L	EPA 8270C	0.35	1			
2016/17-5	Lab	LCS	2/8/2017	Organic	Phenol	n/a	=	3.23	µg/L	EPA 8270C	0.35	1			
2016/17-5	Lab	LCS, rec	2/8/2017	Organic	Phenol	n/a	=	32	%	EPA 8270C	-88	-88	6	43	
2016/17-5	Lab	LCS dup	2/8/2017	Organic	Phenol	n/a	=	3.41	µg/L	EPA 8270C	0.35	1			
2016/17-5	Lab	LCS dup, rec	2/8/2017	Organic	Phenol	n/a	=	34	%	EPA 8270C	-88	-88	6	43	
2016/17-5	Lab	LCS, RPD	2/8/2017	Organic	Phenol	n/a	=	5	%	EPA 8270C	-88	-88	0	30	
2016/17-5	Lab	method blank	2/11/2017	Organic	Phenol	n/a	<	0.16	µg/L	EPA 625	0.16	1			
2016/17-5	Lab	LCS	2/11/2017	Organic	Phenol	n/a	=	7.45	µg/L	EPA 625	0.16	1			
2016/17-5	Lab	LCS, rec	2/11/2017	Organic	Phenol	n/a	=	30	%	EPA 625	-88	-88	5	112	
2016/17-5	Lab	LCS dup	2/11/2017	Organic	Phenol	n/a	=	7.23	µg/L	EPA 625	0.16	1			
2016/17-5	Lab	LCS dup, rec	2/11/2017	Organic	Phenol	n/a	=	29	%	EPA 625	-88	-88	5	112	
2016/17-5	Lab	LCS, RPD	2/11/2017	Organic	Phenol	n/a	=	3	%	EPA 625	-88	-88	0	30	
2016/17-5	Lab	srgt method blank	2/8/2017	Organic	Phenol-d5	n/a	=	3.12	µg/L	EPA 8270C	-88	-88			
2016/17-5	Lab	srgt method blank, rec	2/8/2017	Organic	Phenol-d5	n/a	=	31	%	EPA 8270C	-88	-88	5	46	
2016/17-5	Lab	srgt LCS	2/8/2017	Organic	Phenol-d5	n/a	=	2.88	µg/L	EPA 8270C	-88	-88			
2016/17-5	Lab	srgt LCS, rec	2/8/2017	Organic	Phenol-d5	n/a	=	29	%	EPA 8270C	-88	-88	5	46	
2016/17-5	Lab	srgt LCS dup	2/8/2017	Organic	Phenol-d5	n/a	=	2.95	µg/L	EPA 8270C	-88	-88			
2016/17-5	Lab	srgt LCS dup, rec	2/8/2017	Organic	Phenol-d5	n/a	=	30	%	EPA 8270C	-88	-88	5	46	
2016/17-5	Lab	srgt method blank	2/11/2017	Organic	Phenol-d5	n/a	=	13	µg/L	EPA 625	-88	-88			
2016/17-5	Lab	srgt method blank, rec	2/11/2017	Organic	Phenol-d5	n/a	=	26	%	EPA 625	-88	-88	0.1	53	
2016/17-5	Lab	srgt LCS	2/11/2017	Organic	Phenol-d5	n/a	=	15.4	µg/L	EPA 625	-88	-88			
2016/17-5	Lab	srgt LCS, rec	2/11/2017	Organic	Phenol-d5	n/a	=	31	%	EPA 625	-88	-88	0.1	53	
2016/17-5	Lab	srgt LCS dup	2/11/2017	Organic	Phenol-d5	n/a	=	14.6	µg/L	EPA 625	-88	-88			
2016/17-5	Lab	srgt LCS dup, rec	2/11/2017	Organic	Phenol-d5	n/a	=	29	%	EPA 625	-88	-88	0.1	53	
2016/17-5	ME-SCR	srgt environ	2/8/2017	Organic	Phenol-d5	n/a	=	16	µg/L	EPA 8270C	-88	-88			
2016/17-5	ME-SCR	srgt environ, rec	2/8/2017	Organic	Phenol-d5	n/a	=	16	%	EPA 8270C	-88	-88	5	46	
2016/17-5	ME-SCR	srgt environ	2/11/2017	Organic	Phenol-d5	n/a	=	16.2	µg/L	EPA 625	-88	-88			
2016/17-5	ME-SCR	srgt environ, rec	2/11/2017	Organic	Phenol-d5	n/a	=	29	%	EPA 625	-88	-88	0.1	53	
2016/17-5	ME-VR2	srgt environ	2/8/2017	Organic	Phenol-d5	n/a	=	2.94	µg/L	EPA 8270C	-88	-88			
2016/17-5	ME-VR2	srgt environ, rec	2/8/2017	Organic	Phenol-d5	n/a	=	29	%	EPA 8270C	-88	-88	5	46	
2016/17-5	ME-VR2	srgt environ	2/11/2017	Organic	Phenol-d5	n/a	=	13.1	µg/L	EPA 625	-88	-88			
2016/17-5	ME-VR2	srgt environ, rec	2/11/2017	Organic	Phenol-d5	n/a	=	26	%	EPA 625	-88	-88	0.1	53	
2016/17-5	MO-CAM	srgt environ	2/8/2017	Organic	Phenol-d5	n/a	=	2.1	µg/L	EPA 8270C	-88	-88			
2016/17-5	MO-CAM	srgt environ, rec	2/8/2017	Organic	Phenol-d5	n/a	=	21	%	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	
2016/17-5	MO-CAM	srgt environ	2/11/2017	Organic	Phenol-d5	n/a	=	12	µg/L	EPA 625	-88	-88			
2016/17-5	MO-CAM	srgt environ, rec	2/11/2017	Organic	Phenol-d5	n/a	=	24	%	EPA 625	-88	-88	0.1	53	
2016/17-5	MO-HUE	srgt environ	2/8/2017	Organic	Phenol-d5	n/a	=	2.87	µg/L	EPA 8270C	-88	-88			
2016/17-5	MO-HUE	srgt environ, rec	2/8/2017	Organic	Phenol-d5	n/a	=	29	%	EPA 8270C	-88	-88	5	46	
2016/17-5	MO-HUE	srgt environ	2/11/2017	Organic	Phenol-d5	n/a	=	13.4	µg/L	EPA 625	-88	-88			
2016/17-5	MO-HUE	srgt environ, rec	2/11/2017	Organic	Phenol-d5	n/a	=	27	%	EPA 625	-88	-88	0.1	53	
2016/17-5	MO-MEI	srgt environ	2/8/2017	Organic	Phenol-d5	n/a	=	1	µg/L	EPA 8270C	-88	-88			
2016/17-5	MO-MEI	srgt environ, rec	2/8/2017	Organic	Phenol-d5	n/a	=	10	%	EPA 8270C	-88	-88	5	46	
2016/17-5	MO-MEI	srgt environ	2/11/2017	Organic	Phenol-d5	n/a	=	13	µg/L	EPA 625	-88	-88			
2016/17-5	MO-MEI	srgt environ, rec	2/11/2017	Organic	Phenol-d5	n/a	=	26	%	EPA 625	-88	-88	0.1	53	
2016/17-5	MO-OJA	srgt environ	2/8/2017	Organic	Phenol-d5	n/a	=	1.4	µg/L	EPA 8270C	-88	-88			
2016/17-5	MO-OJA	srgt environ, rec	2/8/2017	Organic	Phenol-d5	n/a	=	14	%	EPA 8270C	-88	-88	5	46	
2016/17-5	MO-OJA	srgt environ	2/11/2017	Organic	Phenol-d5	n/a	=	12.5	µg/L	EPA 625	-88	-88			
2016/17-5	MO-OJA	srgt environ, rec	2/11/2017	Organic	Phenol-d5	n/a	=	24	%	EPA 625	-88	-88	0.1	53	
2016/17-5	MO-VEN	srgt environ	2/8/2017	Organic	Phenol-d5	n/a	=	1.7	µg/L	EPA 8270C	-88	-88			
2016/17-5	MO-VEN	srgt environ, rec	2/8/2017	Organic	Phenol-d5	n/a	=	17	%	EPA 8270C	-88	-88	5	46	
2016/17-5	MO-VEN	srgt environ	2/11/2017	Organic	Phenol-d5	n/a	=	9.7	µg/L	EPA 625	-88	-88			
2016/17-5	MO-VEN	srgt environ, rec	2/11/2017	Organic	Phenol-d5	n/a	=	19	%	EPA 625	-88	-88	0.1	53	
2016/17-5	Lab	srgt method blank	2/7/2017	Organic	p-Terphenyl-d14	n/a	=	3.37	µg/L	EPA 8270C	-88	-88			
2016/17-5	Lab	srgt method blank, rec	2/7/2017	Organic	p-Terphenyl-d14	n/a	=	67	%	EPA 8270C	-88	-88	19	134	
2016/17-5	Lab	srgt LCS	2/7/2017	Organic	p-Terphenyl-d14	n/a	=	3.19	µg/L	EPA 8270C	-88	-88			
2016/17-5	Lab	srgt LCS, rec	2/7/2017	Organic	p-Terphenyl-d14	n/a	=	64	%	EPA 8270C	-88	-88	19	134	
2016/17-5	Lab	srgt LCS dup	2/8/2017	Organic	p-Terphenyl-d14	n/a	=	3.44	µg/L	EPA 8270C	-88	-88			
2016/17-5	Lab	srgt LCS dup, rec	2/8/2017	Organic	p-Terphenyl-d14	n/a	=	69	%	EPA 8270C	-88	-88	19	134	
2016/17-5	Lab	srgt method blank	2/11/2017	Organic	p-Terphenyl-d14	n/a	=	17.1	µg/L	EPA 625	-88	-88			
2016/17-5	Lab	srgt method blank, rec	2/11/2017	Organic	p-Terphenyl-d14	n/a	=	68	%	EPA 625	-88	-88	28	113	
2016/17-5	Lab	srgt LCS	2/11/2017	Organic	p-Terphenyl-d14	n/a	=	18.6	µg/L	EPA 625	-88	-88			
2016/17-5	Lab	srgt LCS, rec	2/11/2017	Organic	p-Terphenyl-d14	n/a	=	75	%	EPA 625	-88	-88	28	113	
2016/17-5	Lab	srgt LCS dup	2/11/2017	Organic	p-Terphenyl-d14	n/a	=	17.1	µg/L	EPA 625	-88	-88			
2016/17-5	Lab	srgt LCS dup, rec	2/11/2017	Organic	p-Terphenyl-d14	n/a	=	68	%	EPA 625	-88	-88	28	113	
2016/17-5	ME-SCR	srgt environ	2/8/2017	Organic	p-Terphenyl-d14	n/a	=	15.4	µg/L	EPA 8270C	-88	-88			
2016/17-5	ME-SCR	srgt environ, rec	2/8/2017	Organic	p-Terphenyl-d14	n/a	=	31	%	EPA 8270C	-88	-88	19	134	
2016/17-5	ME-SCR	srgt environ	2/11/2017	Organic	p-Terphenyl-d14	n/a	=	17.3	µg/L	EPA 625	-88	-88			
2016/17-5	ME-SCR	srgt environ, rec	2/11/2017	Organic	p-Terphenyl-d14	n/a	=	62	%	EPA 625	-88	-88	28	113	
2016/17-5	ME-VR2	srgt environ	2/8/2017	Organic	p-Terphenyl-d14	n/a	=	3.34	µg/L	EPA 8270C	-88	-88			
2016/17-5	ME-VR2	srgt environ, rec	2/8/2017	Organic	p-Terphenyl-d14	n/a	=	67	%	EPA 8270C	-88	-88	19	134	
2016/17-5	ME-VR2	srgt environ	2/11/2017	Organic	p-Terphenyl-d14	n/a	=	17.5	µg/L	EPA 625	-88	-88			
2016/17-5	ME-VR2	srgt environ, rec	2/11/2017	Organic	p-Terphenyl-d14	n/a	=	70	%	EPA 625	-88	-88	28	113	
2016/17-5	MO-CAM	srgt environ	2/8/2017	Organic	p-Terphenyl-d14	n/a	=	3.22	µg/L	EPA 8270C	-88	-88			
2016/17-5	MO-CAM	srgt environ, rec	2/8/2017	Organic	p-Terphenyl-d14	n/a	=	64	%	EPA 8270C	-88	-88	19	134	
2016/17-5	MO-CAM	srgt environ	2/11/2017	Organic	p-Terphenyl-d14	n/a	=	17.4	µg/L	EPA 625	-88	-88			
2016/17-5	MO-CAM	srgt environ, rec	2/11/2017	Organic	p-Terphenyl-d14	n/a	=	69	%	EPA 625	-88	-88	28	113	
2016/17-5	MO-HUE	srgt environ	2/8/2017	Organic	p-Terphenyl-d14	n/a	=	3.3	µg/L	EPA 8270C	-88	-88			
2016/17-5	MO-HUE	srgt environ, rec	2/8/2017	Organic	p-Terphenyl-d14	n/a	=	66	%	EPA 8270C	-88	-88	19	134	
2016/17-5	MO-HUE	srgt environ	2/11/2017	Organic	p-Terphenyl-d14	n/a	=	15.5	µg/L	EPA 625	-88	-88			
2016/17-5	MO-HUE	srgt environ, rec	2/11/2017	Organic	p-Terphenyl-d14	n/a	=	62	%	EPA 625	-88	-88	28	113	
2016/17-5	MO-MEI	srgt environ	2/8/2017	Organic	p-Terphenyl-d14	n/a	=	2.82	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	
2016/17-5	MO-MEI	srgt environ, rec	2/8/2017	Organic	p-Terphenyl-d14	n/a	=	56	%	EPA 8270C	-88	-88	19	134	
2016/17-5	MO-MEI	srgt environ	2/11/2017	Organic	p-Terphenyl-d14	n/a	=	16.3	µg/L	EPA 625	-88	-88			
2016/17-5	MO-MEI	srgt environ, rec	2/11/2017	Organic	p-Terphenyl-d14	n/a	=	65	%	EPA 625	-88	-88	28	113	
2016/17-5	MO-OJA	srgt environ	2/8/2017	Organic	p-Terphenyl-d14	n/a	=	3.43	µg/L	EPA 8270C	-88	-88			
2016/17-5	MO-OJA	srgt environ, rec	2/8/2017	Organic	p-Terphenyl-d14	n/a	=	69	%	EPA 8270C	-88	-88	19	134	
2016/17-5	MO-OJA	srgt environ	2/11/2017	Organic	p-Terphenyl-d14	n/a	=	15.8	µg/L	EPA 625	-88	-88			
2016/17-5	MO-OJA	srgt environ, rec	2/11/2017	Organic	p-Terphenyl-d14	n/a	=	60	%	EPA 625	-88	-88	28	113	
2016/17-5	MO-VEN	srgt environ	2/8/2017	Organic	p-Terphenyl-d14	n/a	=	3.37	µg/L	EPA 8270C	-88	-88			
2016/17-5	MO-VEN	srgt environ, rec	2/8/2017	Organic	p-Terphenyl-d14	n/a	=	67	%	EPA 8270C	-88	-88	19	134	
2016/17-5	MO-VEN	srgt environ	2/11/2017	Organic	p-Terphenyl-d14	n/a	=	13.1	µg/L	EPA 625	-88	-88			
2016/17-5	MO-VEN	srgt environ, rec	2/11/2017	Organic	p-Terphenyl-d14	n/a	=	52	%	EPA 625	-88	-88	28	113	
2016/17-5	Lab	method blank	2/7/2017	Organic	Pyrene	n/a	<	0.1	µg/L	EPA 8270C	0.1	0.1			
2016/17-5	Lab	LCS	2/7/2017	Organic	Pyrene	n/a	=	8.29	µg/L	EPA 8270C	0.1	0.1			
2016/17-5	Lab	LCS, rec	2/7/2017	Organic	Pyrene	n/a	=	83	%	EPA 8270C	-88	-88	26	128	
2016/17-5	Lab	LCS dup	2/8/2017	Organic	Pyrene	n/a	=	9.36	µg/L	EPA 8270C	0.1	0.1			
2016/17-5	Lab	LCS dup, rec	2/8/2017	Organic	Pyrene	n/a	=	94	%	EPA 8270C	-88	-88	26	128	
2016/17-5	Lab	LCS, RPD	2/8/2017	Organic	Pyrene	n/a	=	12	%	EPA 8270C	-88	-88	0	30	
2016/17-5	Lab	method blank	2/11/2017	Organic	Pyrene	n/a	<	0.25	µg/L	EPA 625	0.25	1			
2016/17-5	Lab	LCS	2/11/2017	Organic	Pyrene	n/a	=	22.4	µg/L	EPA 625	0.25	1			
2016/17-5	Lab	LCS, rec	2/11/2017	Organic	Pyrene	n/a	=	89	%	EPA 625	-88	-88	52	115	
2016/17-5	Lab	LCS dup	2/11/2017	Organic	Pyrene	n/a	=	20.7	µg/L	EPA 625	0.25	1			
2016/17-5	Lab	LCS dup, rec	2/11/2017	Organic	Pyrene	n/a	=	83	%	EPA 625	-88	-88	52	115	
2016/17-5	Lab	LCS, RPD	2/11/2017	Organic	Pyrene	n/a	=	8	%	EPA 625	-88	-88	0	30	
2016/17-5	Lab	srgt method blank	1/31/2017	Organic	Tetrachloro-m-xylene (TCMX)	n/a	=	0.0763	µg/L	EPA 608	-88	-88			
2016/17-5	Lab	srgt method blank, rec	1/31/2017	Organic	Tetrachloro-m-xylene (TCMX)	n/a	=	76	%	EPA 608	-88	-88	12	117	
2016/17-5	Lab	srgt LCS	1/31/2017	Organic	Tetrachloro-m-xylene (TCMX)	n/a	=	0.0758	µg/L	EPA 608	-88	-88			
2016/17-5	Lab	srgt LCS, rec	1/31/2017	Organic	Tetrachloro-m-xylene (TCMX)	n/a	=	76	%	EPA 608	-88	-88	12	117	
2016/17-5	Lab	srgt LCS dup	1/31/2017	Organic	Tetrachloro-m-xylene (TCMX)	n/a	=	0.0869	µg/L	EPA 608	-88	-88			
2016/17-5	Lab	srgt LCS dup, rec	1/31/2017	Organic	Tetrachloro-m-xylene (TCMX)	n/a	=	87	%	EPA 608	-88	-88	12	117	
2016/17-5	Lab	srgt method blank	2/13/2017	Organic	Tetrachloro-m-xylene (TCMX)	n/a	=	0.0609	µg/L	EPA 608	-88	-88			
2016/17-5	Lab	srgt method blank, rec	2/13/2017	Organic	Tetrachloro-m-xylene (TCMX)	n/a	=	30	%	EPA 608	-88	-88	12	117	
2016/17-5	Lab	srgt LCS	2/13/2017	Organic	Tetrachloro-m-xylene (TCMX)	n/a	=	0.0643	µg/L	EPA 608	-88	-88			
2016/17-5	Lab	srgt LCS, rec	2/13/2017	Organic	Tetrachloro-m-xylene (TCMX)	n/a	=	32	%	EPA 608	-88	-88	12	117	
2016/17-5	Lab	srgt LCS dup	2/13/2017	Organic	Tetrachloro-m-xylene (TCMX)	n/a	=	0.0631	µg/L	EPA 608	-88	-88			
2016/17-5	Lab	srgt LCS dup, rec	2/13/2017	Organic	Tetrachloro-m-xylene (TCMX)	n/a	=	32	%	EPA 608	-88	-88	12	117	
2016/17-5	ME-SCR	srgt environ	2/1/2017	Organic	Tetrachloro-m-xylene (TCMX)	n/a	=	0.0757	µg/L	EPA 608	-88	-88			
2016/17-5	ME-SCR	srgt environ, rec	2/1/2017	Organic	Tetrachloro-m-xylene (TCMX)	n/a	=	61	%	EPA 608	-88	-88	12	117	
2016/17-5	ME-VR2	srgt environ	2/14/2017	Organic	Tetrachloro-m-xylene (TCMX)	n/a	=	0.0744	µg/L	EPA 608	-88	-88			
2016/17-5	ME-VR2	srgt environ, rec	2/14/2017	Organic	Tetrachloro-m-xylene (TCMX)	n/a	=	74	%	EPA 608	-88	-88	12	117	
2016/17-5	MO-CAM	srgt environ	2/14/2017	Organic	Tetrachloro-m-xylene (TCMX)	n/a	=	0.0612	µg/L	EPA 608	-88	-88			
2016/17-5	MO-CAM	srgt environ, rec	2/14/2017	Organic	Tetrachloro-m-xylene (TCMX)	n/a	=	61	%	EPA 608	-88	-88	12	117	
2016/17-5	MO-HUE	srgt environ	2/14/2017	Organic	Tetrachloro-m-xylene (TCMX)	n/a	=	0.052	µg/L	EPA 608	-88	-88			
2016/17-5	MO-HUE	srgt environ, rec	2/14/2017	Organic	Tetrachloro-m-xylene (TCMX)	n/a	=	52	%	EPA 608	-88	-88	12	117	
2016/17-5	MO-MEI	srgt environ	2/14/2017	Organic	Tetrachloro-m-xylene (TCMX)	n/a	=	0.0544	µg/L	EPA 608	-88	-88			
2016/17-5	MO-MEI	srgt environ, rec	2/14/2017	Organic	Tetrachloro-m-xylene (TCMX)	n/a	=	54	%	EPA 608	-88	-88	12	117	
2016/17-5	MO-OJA	srgt environ	2/14/2017	Organic	Tetrachloro-m-xylene (TCMX)	n/a	=	0.055	µg/L	EPA 608	-88	-88			
2016/17-5	MO-OJA	srgt environ, rec	2/14/2017	Organic	Tetrachloro-m-xylene (TCMX)	n/a	=	55	%	EPA 608	-88	-88	12	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	
2016/17-5	MO-VEN	srgt environ	2/14/2017	Organic	Tetrachloro-m-xylene (TCMX)	n/a	=	0.0012	µg/L	EPA 608	-88	-88			GN
2016/17-5	MO-VEN	srgt environ, rec	2/14/2017	Organic	Tetrachloro-m-xylene (TCMX)	n/a	=	1	%	EPA 608	-88	-88	12	117	GN
2016/17-5	Lab	srgt LCS	1/20/2017	Organic	Toluene-d8	n/a	=	50.3	µg/L	EPA 624	-88	-88			
2016/17-5	Lab	srgt LCS, rec	1/20/2017	Organic	Toluene-d8	n/a	=	101	%	EPA 624	-88	-88	92	112	
2016/17-5	Lab	srgt LCS dup	1/20/2017	Organic	Toluene-d8	n/a	=	50.8	µg/L	EPA 624	-88	-88			
2016/17-5	Lab	srgt LCS dup, rec	1/20/2017	Organic	Toluene-d8	n/a	=	102	%	EPA 624	-88	-88	92	112	
2016/17-5	Lab	srgt method blank	1/20/2017	Organic	Toluene-d8	n/a	=	50.1	µg/L	EPA 624	-88	-88			
2016/17-5	Lab	srgt method blank, rec	1/20/2017	Organic	Toluene-d8	n/a	=	100	%	EPA 624	-88	-88	92	112	
2016/17-5	ME-SCR	srgt environ	1/20/2017	Organic	Toluene-d8	n/a	=	50.8	µg/L	EPA 624	-88	-88			
2016/17-5	ME-SCR	srgt environ, rec	1/20/2017	Organic	Toluene-d8	n/a	=	102	%	EPA 624	-88	-88	92	112	
2016/17-5	ME-SCR	srgt matrix spike	1/21/2017	Organic	Toluene-d8	n/a	=	50.4	µg/L	EPA 624	-88	-88			
2016/17-5	ME-SCR	srgt matrix spike, rec	1/21/2017	Organic	Toluene-d8	n/a	=	101	%	EPA 624	-88	-88	92	112	
2016/17-5	ME-SCR	srgt matrix spike dup	1/21/2017	Organic	Toluene-d8	n/a	=	50.2	µg/L	EPA 624	-88	-88			
2016/17-5	ME-SCR	srgt matrix spike dup, rec	1/21/2017	Organic	Toluene-d8	n/a	=	100	%	EPA 624	-88	-88	92	112	
2016/17-5	ME-VR2	srgt environ	1/20/2017	Organic	Toluene-d8	n/a	=	50.1	µg/L	EPA 624	-88	-88			
2016/17-5	ME-VR2	srgt environ, rec	1/20/2017	Organic	Toluene-d8	n/a	=	100	%	EPA 624	-88	-88	92	112	
2016/17-5	MO-CAM	srgt environ	1/20/2017	Organic	Toluene-d8	n/a	=	50.2	µg/L	EPA 624	-88	-88			
2016/17-5	MO-CAM	srgt environ, rec	1/20/2017	Organic	Toluene-d8	n/a	=	100	%	EPA 624	-88	-88	92	112	
2016/17-5	MO-HUE	srgt environ	1/20/2017	Organic	Toluene-d8	n/a	=	49.8	µg/L	EPA 624	-88	-88			
2016/17-5	MO-HUE	srgt environ, rec	1/20/2017	Organic	Toluene-d8	n/a	=	100	%	EPA 624	-88	-88	92	112	
2016/17-5	MO-MEI	srgt environ	1/20/2017	Organic	Toluene-d8	n/a	=	49.9	µg/L	EPA 624	-88	-88			
2016/17-5	MO-MEI	srgt environ, rec	1/20/2017	Organic	Toluene-d8	n/a	=	100	%	EPA 624	-88	-88	92	112	
2016/17-5	MO-OJA	srgt environ	1/20/2017	Organic	Toluene-d8	n/a	=	50.9	µg/L	EPA 624	-88	-88			
2016/17-5	MO-OJA	srgt environ, rec	1/20/2017	Organic	Toluene-d8	n/a	=	102	%	EPA 624	-88	-88	92	112	
2016/17-5	MO-VEN	srgt environ	1/20/2017	Organic	Toluene-d8	n/a	=	51.1	µg/L	EPA 624	-88	-88			
2016/17-5	MO-VEN	srgt environ, rec	1/20/2017	Organic	Toluene-d8	n/a	=	102	%	EPA 624	-88	-88	92	112	
2016/17-5	Lab	srgt method blank	1/27/2017	Organic	Triphenylphosphate	n/a	=	4.09	µg/L	EPA 525.2	-88	-88			
2016/17-5	Lab	srgt method blank, rec	1/27/2017	Organic	Triphenylphosphate	n/a	=	82	%	EPA 525.2	-88	-88	70	149	
2016/17-5	Lab	srgt LCS	1/27/2017	Organic	Triphenylphosphate	n/a	=	4.28	µg/L	EPA 525.2	-88	-88			
2016/17-5	Lab	srgt LCS, rec	1/27/2017	Organic	Triphenylphosphate	n/a	=	86	%	EPA 525.2	-88	-88	70	149	
2016/17-5	Lab	srgt LCS dup	1/27/2017	Organic	Triphenylphosphate	n/a	=	4.38	µg/L	EPA 525.2	-88	-88			
2016/17-5	Lab	srgt LCS dup, rec	1/27/2017	Organic	Triphenylphosphate	n/a	=	88	%	EPA 525.2	-88	-88	70	149	
2016/17-5	Lab	srgt method blank	1/30/2017	Organic	Triphenylphosphate	n/a	=	5.85	µg/L	EPA 525.2	-88	-88			
2016/17-5	Lab	srgt method blank, rec	1/30/2017	Organic	Triphenylphosphate	n/a	=	117	%	EPA 525.2	-88	-88	70	149	
2016/17-5	Lab	srgt LCS	1/30/2017	Organic	Triphenylphosphate	n/a	=	4.86	µg/L	EPA 525.2	-88	-88			
2016/17-5	Lab	srgt LCS, rec	1/30/2017	Organic	Triphenylphosphate	n/a	=	97	%	EPA 525.2	-88	-88	70	149	
2016/17-5	Lab	srgt LCS dup	1/30/2017	Organic	Triphenylphosphate	n/a	=	4.59	µg/L	EPA 525.2	-88	-88			
2016/17-5	Lab	srgt LCS dup, rec	1/30/2017	Organic	Triphenylphosphate	n/a	=	92	%	EPA 525.2	-88	-88	70	149	
2016/17-5	Lab	srgt method blank	2/6/2017	Organic	Triphenylphosphate	n/a	=	0.574	µg/L	EPA 525.2m	-88	-88			
2016/17-5	Lab	srgt method blank, rec	2/6/2017	Organic	Triphenylphosphate	n/a	=	115	%	EPA 525.2m	-88	-88	40	163	
2016/17-5	Lab	srgt LCS	2/6/2017	Organic	Triphenylphosphate	n/a	=	0.552	µg/L	EPA 525.2m	-88	-88			
2016/17-5	Lab	srgt LCS, rec	2/6/2017	Organic	Triphenylphosphate	n/a	=	110	%	EPA 525.2m	-88	-88	40	163	
2016/17-5	ME-SCR	srgt environ	1/30/2017	Organic	Triphenylphosphate	n/a	=	4.54	µg/L	EPA 525.2	-88	-88			
2016/17-5	ME-SCR	srgt environ, rec	1/30/2017	Organic	Triphenylphosphate	n/a	=	77	%	EPA 525.2	-88	-88	70	149	
2016/17-5	ME-SCR	srgt environ	2/6/2017	Organic	Triphenylphosphate	n/a	=	0.692	µg/L	EPA 525.2m	-88	-88			
2016/17-5	ME-SCR	srgt environ, rec	2/6/2017	Organic	Triphenylphosphate	n/a	=	138	%	EPA 525.2m	-88	-88	40	163	
2016/17-5	ME-VR2	srgt environ	1/27/2017	Organic	Triphenylphosphate	n/a	=	3.46	µg/L	EPA 525.2	-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	
2016/17-5	ME-VR2	srgt environ, rec	1/27/2017	Organic	Triphenylphosphate	n/a	=	69	%	EPA 525.2	-88	-88	70	149	GN
2016/17-5	ME-VR2	srgt environ	2/6/2017	Organic	Triphenylphosphate	n/a	=	0.688	µg/L	EPA 525.2m	-88	-88			
2016/17-5	ME-VR2	srgt environ, rec	2/6/2017	Organic	Triphenylphosphate	n/a	=	138	%	EPA 525.2m	-88	-88	40	163	
2016/17-5	MO-CAM	srgt environ	1/27/2017	Organic	Triphenylphosphate	n/a	=	2.93	µg/L	EPA 525.2	-88	-88			GN
2016/17-5	MO-CAM	srgt environ, rec	1/27/2017	Organic	Triphenylphosphate	n/a	=	59	%	EPA 525.2	-88	-88	70	149	GN
2016/17-5	MO-CAM	srgt environ	2/6/2017	Organic	Triphenylphosphate	n/a	=	0.537	µg/L	EPA 525.2m	-88	-88			
2016/17-5	MO-CAM	srgt environ, rec	2/6/2017	Organic	Triphenylphosphate	n/a	=	107	%	EPA 525.2m	-88	-88	40	163	
2016/17-5	MO-HUE	srgt environ	1/27/2017	Organic	Triphenylphosphate	n/a	=	3.91	µg/L	EPA 525.2	-88	-88			
2016/17-5	MO-HUE	srgt environ, rec	1/27/2017	Organic	Triphenylphosphate	n/a	=	78	%	EPA 525.2	-88	-88	70	149	
2016/17-5	MO-HUE	srgt matrix spike	2/6/2017	Organic	Triphenylphosphate	n/a	=	0.56	µg/L	EPA 525.2m	-88	-88			
2016/17-5	MO-HUE	srgt matrix spike, rec	2/6/2017	Organic	Triphenylphosphate	n/a	=	112	%	EPA 525.2m	-88	-88	40	163	
2016/17-5	MO-HUE	srgt matrix spike dup	2/6/2017	Organic	Triphenylphosphate	n/a	=	0.548	µg/L	EPA 525.2m	-88	-88			
2016/17-5	MO-HUE	srgt matrix spike dup, rec	2/6/2017	Organic	Triphenylphosphate	n/a	=	110	%	EPA 525.2m	-88	-88	40	163	
2016/17-5	MO-HUE	srgt environ	2/6/2017	Organic	Triphenylphosphate	n/a	=	0.539	µg/L	EPA 525.2m	-88	-88			
2016/17-5	MO-HUE	srgt environ, rec	2/6/2017	Organic	Triphenylphosphate	n/a	=	108	%	EPA 525.2m	-88	-88	40	163	
2016/17-5	MO-MEI	srgt environ	1/27/2017	Organic	Triphenylphosphate	n/a	=	3.33	µg/L	EPA 525.2	-88	-88			GN
2016/17-5	MO-MEI	srgt environ, rec	1/27/2017	Organic	Triphenylphosphate	n/a	=	67	%	EPA 525.2	-88	-88	70	149	GN
2016/17-5	MO-MEI	srgt environ	2/6/2017	Organic	Triphenylphosphate	n/a	=	0.589	µg/L	EPA 525.2m	-88	-88			
2016/17-5	MO-MEI	srgt environ, rec	2/6/2017	Organic	Triphenylphosphate	n/a	=	118	%	EPA 525.2m	-88	-88	40	163	
2016/17-5	MO-OJA	srgt environ	1/27/2017	Organic	Triphenylphosphate	n/a	=	4.35	µg/L	EPA 525.2	-88	-88			
2016/17-5	MO-OJA	srgt environ, rec	1/27/2017	Organic	Triphenylphosphate	n/a	=	87	%	EPA 525.2	-88	-88	70	149	
2016/17-5	MO-OJA	srgt environ	2/6/2017	Organic	Triphenylphosphate	n/a	=	0.683	µg/L	EPA 525.2m	-88	-88			
2016/17-5	MO-OJA	srgt environ, rec	2/6/2017	Organic	Triphenylphosphate	n/a	=	137	%	EPA 525.2m	-88	-88	40	163	
2016/17-5	MO-VEN	srgt environ	1/27/2017	Organic	Triphenylphosphate	n/a	=	2.11	µg/L	EPA 525.2	-88	-88			GN
2016/17-5	MO-VEN	srgt environ, rec	1/27/2017	Organic	Triphenylphosphate	n/a	=	42	%	EPA 525.2	-88	-88	70	149	GN
2016/17-5	MO-VEN	srgt environ	2/6/2017	Organic	Triphenylphosphate	n/a	=	0.588	µg/L	EPA 525.2m	-88	-88			
2016/17-5	MO-VEN	srgt environ, rec	2/6/2017	Organic	Triphenylphosphate	n/a	=	118	%	EPA 525.2m	-88	-88	40	163	
2016/17-5	Lab	srgt method blank	1/31/2017	PCB	PCB 209	n/a	=	0.087	µg/L	EPA 608	-88	-88			
2016/17-5	Lab	srgt method blank, rec	1/31/2017	PCB	PCB 209	n/a	=	87	%	EPA 608	-88	-88	0.1	118	
2016/17-5	Lab	srgt LCS	1/31/2017	PCB	PCB 209	n/a	=	0.0881	µg/L	EPA 608	-88	-88			
2016/17-5	Lab	srgt LCS, rec	1/31/2017	PCB	PCB 209	n/a	=	88	%	EPA 608	-88	-88	0.1	118	
2016/17-5	Lab	srgt LCS dup	1/31/2017	PCB	PCB 209	n/a	=	0.0895	µg/L	EPA 608	-88	-88			
2016/17-5	Lab	srgt LCS dup, rec	1/31/2017	PCB	PCB 209	n/a	=	90	%	EPA 608	-88	-88	0.1	118	
2016/17-5	Lab	srgt method blank	2/13/2017	PCB	PCB 209	n/a	=	0.068	µg/L	EPA 608	-88	-88			
2016/17-5	Lab	srgt method blank, rec	2/13/2017	PCB	PCB 209	n/a	=	34	%	EPA 608	-88	-88	0.1	118	
2016/17-5	Lab	srgt LCS	2/13/2017	PCB	PCB 209	n/a	=	0.0796	µg/L	EPA 608	-88	-88			
2016/17-5	Lab	srgt LCS, rec	2/13/2017	PCB	PCB 209	n/a	=	40	%	EPA 608	-88	-88	0.1	118	
2016/17-5	Lab	srgt LCS dup	2/13/2017	PCB	PCB 209	n/a	=	0.0754	µg/L	EPA 608	-88	-88			
2016/17-5	Lab	srgt LCS dup, rec	2/13/2017	PCB	PCB 209	n/a	=	38	%	EPA 608	-88	-88	0.1	118	
2016/17-5	ME-SCR	srgt environ	2/1/2017	PCB	PCB 209	n/a	=	0.0576	µg/L	EPA 608	-88	-88			
2016/17-5	ME-SCR	srgt environ, rec	2/1/2017	PCB	PCB 209	n/a	=	46	%	EPA 608	-88	-88	0.1	118	
2016/17-5	ME-VR2	srgt environ	2/14/2017	PCB	PCB 209	n/a	=	0.0431	µg/L	EPA 608	-88	-88			
2016/17-5	ME-VR2	srgt environ, rec	2/14/2017	PCB	PCB 209	n/a	=	43	%	EPA 608	-88	-88	0.1	118	
2016/17-5	MO-CAM	srgt environ	2/14/2017	PCB	PCB 209	n/a	=	0.0397	µg/L	EPA 608	-88	-88			
2016/17-5	MO-CAM	srgt environ, rec	2/14/2017	PCB	PCB 209	n/a	=	40	%	EPA 608	-88	-88	0.1	118	
2016/17-5	MO-HUE	srgt environ	2/14/2017	PCB	PCB 209	n/a	=	0.0468	µg/L	EPA 608	-88	-88			
2016/17-5	MO-HUE	srgt environ, rec	2/14/2017	PCB	PCB 209	n/a	=	47	%	EPA 608	-88	-88	0.1	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	
2016/17-5	MO-MEI	srgt environ	2/14/2017	PCB	PCB 209	n/a	=	0.0263	µg/L	EPA 608	-88	-88			
2016/17-5	MO-MEI	srgt environ, rec	2/14/2017	PCB	PCB 209	n/a	=	26	%	EPA 608	-88	-88	0.1	118	
2016/17-5	MO-OJA	srgt environ	2/14/2017	PCB	PCB 209	n/a	=	0.0245	µg/L	EPA 608	-88	-88			
2016/17-5	MO-OJA	srgt environ, rec	2/14/2017	PCB	PCB 209	n/a	=	24	%	EPA 608	-88	-88	0.1	118	
2016/17-5	MO-VEN	srgt environ	2/14/2017	PCB	PCB 209	n/a	=	0.0007	µg/L	EPA 608	-88	-88			
2016/17-5	MO-VEN	srgt environ, rec	2/14/2017	PCB	PCB 209	n/a	=	0.7	%	EPA 608	-88	-88	0.1	118	
2016/17-5	Lab	method blank	1/31/2017	PCB	PCB Aroclor 1016	n/a	<	0.05	µg/L	EPA 608	0.05	0.5			
2016/17-5	Lab	method blank	2/13/2017	PCB	PCB Aroclor 1016	n/a	<	0.05	µg/L	EPA 608	0.05	0.5			
2016/17-5	Lab	method blank	1/31/2017	PCB	PCB Aroclor 1221	n/a	<	0.06	µg/L	EPA 608	0.06	0.5			
2016/17-5	Lab	method blank	2/13/2017	PCB	PCB Aroclor 1221	n/a	<	0.06	µg/L	EPA 608	0.06	0.5			
2016/17-5	Lab	method blank	1/31/2017	PCB	PCB Aroclor 1232	n/a	<	0.15	µg/L	EPA 608	0.15	0.5			
2016/17-5	Lab	method blank	2/13/2017	PCB	PCB Aroclor 1232	n/a	<	0.15	µg/L	EPA 608	0.15	0.5			
2016/17-5	Lab	method blank	1/31/2017	PCB	PCB Aroclor 1242	n/a	<	0.07	µg/L	EPA 608	0.07	0.5			
2016/17-5	Lab	method blank	2/13/2017	PCB	PCB Aroclor 1242	n/a	<	0.07	µg/L	EPA 608	0.07	0.5			
2016/17-5	Lab	method blank	1/31/2017	PCB	PCB Aroclor 1248	n/a	<	0.06	µg/L	EPA 608	0.06	0.5			
2016/17-5	Lab	method blank	2/13/2017	PCB	PCB Aroclor 1248	n/a	<	0.06	µg/L	EPA 608	0.06	0.5			
2016/17-5	Lab	method blank	1/31/2017	PCB	PCB Aroclor 1254	n/a	<	0.04	µg/L	EPA 608	0.04	0.5			
2016/17-5	Lab	method blank	2/13/2017	PCB	PCB Aroclor 1254	n/a	<	0.04	µg/L	EPA 608	0.04	0.5			
2016/17-5	Lab	method blank	1/31/2017	PCB	PCB Aroclor 1260	n/a	<	0.04	µg/L	EPA 608	0.04	0.5			
2016/17-5	Lab	method blank	2/13/2017	PCB	PCB Aroclor 1260	n/a	<	0.04	µg/L	EPA 608	0.04	0.5			
2016/17-5	000NONPJ	matrix spike	1/23/2017	Pesticide	2,4,5-T	n/a	=	4.27	µg/L	EPA 515.3	0.07	0.2			
2016/17-5	000NONPJ	matrix spike, rec	1/23/2017	Pesticide	2,4,5-T	n/a	=	107	%	EPA 515.3	-88	-88	70	130	
2016/17-5	000NONPJ	matrix spike dup	1/23/2017	Pesticide	2,4,5-T	n/a	=	4.08	µg/L	EPA 515.3	0.07	0.2			
2016/17-5	000NONPJ	matrix spike dup, rec	1/23/2017	Pesticide	2,4,5-T	n/a	=	102	%	EPA 515.3	-88	-88	70	130	
2016/17-5	000NONPJ	matrix spike, RPD	1/23/2017	Pesticide	2,4,5-T	n/a	=	4	%	EPA 515.3	-88	-88	0	30	
2016/17-5	000NONPJ	matrix spike	1/23/2017	Pesticide	2,4,5-T	n/a	=	4.84	µg/L	EPA 515.3	0.07	0.2			
2016/17-5	000NONPJ	matrix spike, rec	1/23/2017	Pesticide	2,4,5-T	n/a	=	121	%	EPA 515.3	-88	-88	70	130	
2016/17-5	000NONPJ	matrix spike dup	1/23/2017	Pesticide	2,4,5-T	n/a	=	4.74	µg/L	EPA 515.3	0.07	0.2			
2016/17-5	000NONPJ	matrix spike dup, rec	1/23/2017	Pesticide	2,4,5-T	n/a	=	119	%	EPA 515.3	-88	-88	70	130	
2016/17-5	000NONPJ	matrix spike, RPD	1/23/2017	Pesticide	2,4,5-T	n/a	=	2	%	EPA 515.3	-88	-88	0	30	
2016/17-5	Lab	method blank	1/23/2017	Pesticide	2,4,5-T	n/a	<	0.07	µg/L	EPA 515.3	0.07	0.2			
2016/17-5	Lab	LCS	1/23/2017	Pesticide	2,4,5-T	n/a	=	4.37	µg/L	EPA 515.3	0.07	0.2			
2016/17-5	Lab	LCS, rec	1/23/2017	Pesticide	2,4,5-T	n/a	=	109	%	EPA 515.3	-88	-88	70	130	
2016/17-5	000NONPJ	matrix spike	1/23/2017	Pesticide	2,4,5-TP	n/a	=	4.23	µg/L	EPA 515.3	0.09	0.2			
2016/17-5	000NONPJ	matrix spike, rec	1/23/2017	Pesticide	2,4,5-TP	n/a	=	106	%	EPA 515.3	-88	-88	70	130	
2016/17-5	000NONPJ	matrix spike dup	1/23/2017	Pesticide	2,4,5-TP	n/a	=	4.28	µg/L	EPA 515.3	0.09	0.2			
2016/17-5	000NONPJ	matrix spike dup, rec	1/23/2017	Pesticide	2,4,5-TP	n/a	=	107	%	EPA 515.3	-88	-88	70	130	
2016/17-5	000NONPJ	matrix spike, RPD	1/23/2017	Pesticide	2,4,5-TP	n/a	=	1	%	EPA 515.3	-88	-88	0	30	
2016/17-5	000NONPJ	matrix spike	1/23/2017	Pesticide	2,4,5-TP	n/a	=	4.69	µg/L	EPA 515.3	0.09	0.2			
2016/17-5	000NONPJ	matrix spike, rec	1/23/2017	Pesticide	2,4,5-TP	n/a	=	117	%	EPA 515.3	-88	-88	70	130	
2016/17-5	000NONPJ	matrix spike dup	1/23/2017	Pesticide	2,4,5-TP	n/a	=	4.67	µg/L	EPA 515.3	0.09	0.2			
2016/17-5	000NONPJ	matrix spike dup, rec	1/23/2017	Pesticide	2,4,5-TP	n/a	=	117	%	EPA 515.3	-88	-88	70	130	
2016/17-5	000NONPJ	matrix spike, RPD	1/23/2017	Pesticide	2,4,5-TP	n/a	=	0.4	%	EPA 515.3	-88	-88	0	30	
2016/17-5	Lab	method blank	1/23/2017	Pesticide	2,4,5-TP	n/a	<	0.09	µg/L	EPA 515.3	0.09	0.2			
2016/17-5	Lab	LCS	1/23/2017	Pesticide	2,4,5-TP	n/a	=	4.52	µg/L	EPA 515.3	0.09	0.2			
2016/17-5	Lab	LCS, rec	1/23/2017	Pesticide	2,4,5-TP	n/a	=	113	%	EPA 515.3	-88	-88	70	130	
2016/17-5	000NONPJ	matrix spike	1/23/2017	Pesticide	2,4-D	n/a	=	9.14	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	
2016/17-5	000NONPJ	matrix spike, rec	1/23/2017	Pesticide	2,4-D	n/a	=	114	%	EPA 515.3	-88	-88	70	130	
2016/17-5	000NONPJ	matrix spike dup	1/23/2017	Pesticide	2,4-D	n/a	=	9.41	µg/L	EPA 515.3	0.07	0.4			
2016/17-5	000NONPJ	matrix spike dup, rec	1/23/2017	Pesticide	2,4-D	n/a	=	118	%	EPA 515.3	-88	-88	70	130	
2016/17-5	000NONPJ	matrix spike, RPD	1/23/2017	Pesticide	2,4-D	n/a	=	3	%	EPA 515.3	-88	-88	0	30	
2016/17-5	000NONPJ	matrix spike	1/23/2017	Pesticide	2,4-D	n/a	=	9.52	µg/L	EPA 515.3	0.07	0.4			
2016/17-5	000NONPJ	matrix spike, rec	1/23/2017	Pesticide	2,4-D	n/a	=	119	%	EPA 515.3	-88	-88	70	130	
2016/17-5	000NONPJ	matrix spike dup	1/23/2017	Pesticide	2,4-D	n/a	=	9.42	µg/L	EPA 515.3	0.07	0.4			
2016/17-5	000NONPJ	matrix spike dup, rec	1/23/2017	Pesticide	2,4-D	n/a	=	118	%	EPA 515.3	-88	-88	70	130	
2016/17-5	000NONPJ	matrix spike, RPD	1/23/2017	Pesticide	2,4-D	n/a	=	1	%	EPA 515.3	-88	-88	0	30	
2016/17-5	Lab	method blank	1/23/2017	Pesticide	2,4-D	n/a	<	0.07	µg/L	EPA 515.3	0.07	0.4			
2016/17-5	Lab	LCS	1/23/2017	Pesticide	2,4-D	n/a	=	8.34	µg/L	EPA 515.3	0.07	0.4			
2016/17-5	Lab	LCS, rec	1/23/2017	Pesticide	2,4-D	n/a	=	104	%	EPA 515.3	-88	-88	70	130	
2016/17-5	000NONPJ	matrix spike	1/23/2017	Pesticide	2,4-DB	n/a	=	16.6	µg/L	EPA 515.3	0.07	2			
2016/17-5	000NONPJ	matrix spike, rec	1/23/2017	Pesticide	2,4-DB	n/a	=	104	%	EPA 515.3	-88	-88	70	130	
2016/17-5	000NONPJ	matrix spike dup	1/23/2017	Pesticide	2,4-DB	n/a	=	17.7	µg/L	EPA 515.3	0.07	2			
2016/17-5	000NONPJ	matrix spike dup, rec	1/23/2017	Pesticide	2,4-DB	n/a	=	111	%	EPA 515.3	-88	-88	70	130	
2016/17-5	000NONPJ	matrix spike, RPD	1/23/2017	Pesticide	2,4-DB	n/a	=	6	%	EPA 515.3	-88	-88	0	30	
2016/17-5	000NONPJ	matrix spike	1/23/2017	Pesticide	2,4-DB	n/a	=	19.9	µg/L	EPA 515.3	0.07	2			
2016/17-5	000NONPJ	matrix spike, rec	1/23/2017	Pesticide	2,4-DB	n/a	=	125	%	EPA 515.3	-88	-88	70	130	
2016/17-5	000NONPJ	matrix spike dup	1/23/2017	Pesticide	2,4-DB	n/a	=	19.7	µg/L	EPA 515.3	0.07	2			
2016/17-5	000NONPJ	matrix spike dup, rec	1/23/2017	Pesticide	2,4-DB	n/a	=	123	%	EPA 515.3	-88	-88	70	130	
2016/17-5	000NONPJ	matrix spike, RPD	1/23/2017	Pesticide	2,4-DB	n/a	=	1	%	EPA 515.3	-88	-88	0	30	
2016/17-5	Lab	method blank	1/23/2017	Pesticide	2,4-DB	n/a	<	0.07	µg/L	EPA 515.3	0.07	2			
2016/17-5	Lab	LCS	1/23/2017	Pesticide	2,4-DB	n/a	=	16.2	µg/L	EPA 515.3	0.07	2			
2016/17-5	Lab	LCS, rec	1/23/2017	Pesticide	2,4-DB	n/a	=	101	%	EPA 515.3	-88	-88	70	130	
2016/17-5	000NONPJ	matrix spike	1/23/2017	Pesticide	3,5-Dichlorobenzoic acid	n/a	=	8.79	µg/L	EPA 515.3	0.09	1			
2016/17-5	000NONPJ	matrix spike, rec	1/23/2017	Pesticide	3,5-Dichlorobenzoic acid	n/a	=	110	%	EPA 515.3	-88	-88	70	130	
2016/17-5	000NONPJ	matrix spike dup	1/23/2017	Pesticide	3,5-Dichlorobenzoic acid	n/a	=	8.64	µg/L	EPA 515.3	0.09	1			
2016/17-5	000NONPJ	matrix spike dup, rec	1/23/2017	Pesticide	3,5-Dichlorobenzoic acid	n/a	=	108	%	EPA 515.3	-88	-88	70	130	
2016/17-5	000NONPJ	matrix spike, RPD	1/23/2017	Pesticide	3,5-Dichlorobenzoic acid	n/a	=	2	%	EPA 515.3	-88	-88	0	30	
2016/17-5	000NONPJ	matrix spike	1/23/2017	Pesticide	3,5-Dichlorobenzoic acid	n/a	=	8.8	µg/L	EPA 515.3	0.09	1			
2016/17-5	000NONPJ	matrix spike, rec	1/23/2017	Pesticide	3,5-Dichlorobenzoic acid	n/a	=	110	%	EPA 515.3	-88	-88	70	130	
2016/17-5	000NONPJ	matrix spike dup	1/23/2017	Pesticide	3,5-Dichlorobenzoic acid	n/a	=	8.84	µg/L	EPA 515.3	0.09	1			
2016/17-5	000NONPJ	matrix spike dup, rec	1/23/2017	Pesticide	3,5-Dichlorobenzoic acid	n/a	=	110	%	EPA 515.3	-88	-88	70	130	
2016/17-5	000NONPJ	matrix spike, RPD	1/23/2017	Pesticide	3,5-Dichlorobenzoic acid	n/a	=	0.5	%	EPA 515.3	-88	-88	0	30	
2016/17-5	Lab	method blank	1/23/2017	Pesticide	3,5-Dichlorobenzoic acid	n/a	<	0.09	µg/L	EPA 515.3	0.09	1			
2016/17-5	Lab	LCS	1/23/2017	Pesticide	3,5-Dichlorobenzoic acid	n/a	=	8.45	µg/L	EPA 515.3	0.09	1			
2016/17-5	Lab	LCS, rec	1/23/2017	Pesticide	3,5-Dichlorobenzoic acid	n/a	=	106	%	EPA 515.3	-88	-88	70	130	
2016/17-5	Lab	method blank	1/31/2017	Pesticide	4,4'-DDD	n/a	<	0.003	µg/L	EPA 608	0.003	0.05			
2016/17-5	Lab	LCS	1/31/2017	Pesticide	4,4'-DDD	n/a	=	0.085	µg/L	EPA 608	0.003	0.05			
2016/17-5	Lab	LCS, rec	1/31/2017	Pesticide	4,4'-DDD	n/a	=	85	%	EPA 608	-88	-88	42	133	
2016/17-5	Lab	LCS dup	1/31/2017	Pesticide	4,4'-DDD	n/a	=	0.0946	µg/L	EPA 608	0.003	0.05			
2016/17-5	Lab	LCS dup, rec	1/31/2017	Pesticide	4,4'-DDD	n/a	=	95	%	EPA 608	-88	-88	42	133	
2016/17-5	Lab	LCS, RPD	1/31/2017	Pesticide	4,4'-DDD	n/a	=	11	%	EPA 608	-88	-88	0	30	
2016/17-5	Lab	method blank	2/13/2017	Pesticide	4,4'-DDD	n/a	<	0.003	µg/L	EPA 608	0.003	0.05			
2016/17-5	Lab	LCS	2/13/2017	Pesticide	4,4'-DDD	n/a	=	0.0835	µg/L	EPA 608	0.003	0.05			
2016/17-5	Lab	LCS, rec	2/13/2017	Pesticide	4,4'-DDD	n/a	=	84	%	EPA 608	-88	-88	42	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	
2016/17-5	Lab	LCS dup	2/13/2017	Pesticide	4,4'-DDD	n/a	=	0.0822	µg/L	EPA 608	0.003	0.05			
2016/17-5	Lab	LCS dup, rec	2/13/2017	Pesticide	4,4'-DDD	n/a	=	82	%	EPA 608	-88	-88	42	133	
2016/17-5	Lab	LCS, RPD	2/13/2017	Pesticide	4,4'-DDD	n/a	=	2	%	EPA 608	-88	-88	0	30	
2016/17-5	Lab	method blank	1/31/2017	Pesticide	4,4'-DDE	n/a	<	0.0025	µg/L	EPA 608	0.0025	0.05			
2016/17-5	Lab	LCS	1/31/2017	Pesticide	4,4'-DDE	n/a	=	0.09	µg/L	EPA 608	0.0025	0.05			
2016/17-5	Lab	LCS, rec	1/31/2017	Pesticide	4,4'-DDE	n/a	=	90	%	EPA 608	-88	-88	33	126	
2016/17-5	Lab	LCS dup	1/31/2017	Pesticide	4,4'-DDE	n/a	=	0.102	µg/L	EPA 608	0.0025	0.05			
2016/17-5	Lab	LCS dup, rec	1/31/2017	Pesticide	4,4'-DDE	n/a	=	102	%	EPA 608	-88	-88	33	126	
2016/17-5	Lab	LCS, RPD	1/31/2017	Pesticide	4,4'-DDE	n/a	=	13	%	EPA 608	-88	-88	0	30	
2016/17-5	Lab	method blank	2/13/2017	Pesticide	4,4'-DDE	n/a	<	0.0025	µg/L	EPA 608	0.0025	0.05			
2016/17-5	Lab	LCS	2/13/2017	Pesticide	4,4'-DDE	n/a	=	0.0881	µg/L	EPA 608	0.0025	0.05			
2016/17-5	Lab	LCS, rec	2/13/2017	Pesticide	4,4'-DDE	n/a	=	88	%	EPA 608	-88	-88	33	126	
2016/17-5	Lab	LCS dup	2/13/2017	Pesticide	4,4'-DDE	n/a	=	0.0864	µg/L	EPA 608	0.0025	0.05			
2016/17-5	Lab	LCS dup, rec	2/13/2017	Pesticide	4,4'-DDE	n/a	=	86	%	EPA 608	-88	-88	33	126	
2016/17-5	Lab	LCS, RPD	2/13/2017	Pesticide	4,4'-DDE	n/a	=	2	%	EPA 608	-88	-88	0	30	
2016/17-5	Lab	method blank	1/31/2017	Pesticide	4,4'-DDT	n/a	<	0.0031	µg/L	EPA 608	0.0031	0.01			
2016/17-5	Lab	LCS	1/31/2017	Pesticide	4,4'-DDT	n/a	=	0.0945	µg/L	EPA 608	0.0031	0.01			
2016/17-5	Lab	LCS, rec	1/31/2017	Pesticide	4,4'-DDT	n/a	=	95	%	EPA 608	-88	-88	35	147	
2016/17-5	Lab	LCS dup	1/31/2017	Pesticide	4,4'-DDT	n/a	=	0.108	µg/L	EPA 608	0.0031	0.01			
2016/17-5	Lab	LCS dup, rec	1/31/2017	Pesticide	4,4'-DDT	n/a	=	108	%	EPA 608	-88	-88	35	147	
2016/17-5	Lab	LCS, RPD	1/31/2017	Pesticide	4,4'-DDT	n/a	=	14	%	EPA 608	-88	-88	0	30	
2016/17-5	Lab	method blank	2/13/2017	Pesticide	4,4'-DDT	n/a	<	0.0031	µg/L	EPA 608	0.0031	0.01			
2016/17-5	Lab	LCS	2/13/2017	Pesticide	4,4'-DDT	n/a	=	0.0854	µg/L	EPA 608	0.0031	0.01			
2016/17-5	Lab	LCS, rec	2/13/2017	Pesticide	4,4'-DDT	n/a	=	85	%	EPA 608	-88	-88	35	147	
2016/17-5	Lab	LCS dup	2/13/2017	Pesticide	4,4'-DDT	n/a	=	0.0857	µg/L	EPA 608	0.0031	0.01			
2016/17-5	Lab	LCS dup, rec	2/13/2017	Pesticide	4,4'-DDT	n/a	=	86	%	EPA 608	-88	-88	35	147	
2016/17-5	Lab	LCS, RPD	2/13/2017	Pesticide	4,4'-DDT	n/a	=	0.5	%	EPA 608	-88	-88	0	30	
2016/17-5	000NONPJ	matrix spike	1/23/2017	Pesticide	Acifluorfen	n/a	=	4.6	µg/L	EPA 515.3	0.06	0.4			
2016/17-5	000NONPJ	matrix spike, rec	1/23/2017	Pesticide	Acifluorfen	n/a	=	115	%	EPA 515.3	-88	-88	70	130	
2016/17-5	000NONPJ	matrix spike dup	1/23/2017	Pesticide	Acifluorfen	n/a	=	4.5	µg/L	EPA 515.3	0.06	0.4			
2016/17-5	000NONPJ	matrix spike dup, rec	1/23/2017	Pesticide	Acifluorfen	n/a	=	113	%	EPA 515.3	-88	-88	70	130	
2016/17-5	000NONPJ	matrix spike, RPD	1/23/2017	Pesticide	Acifluorfen	n/a	=	2	%	EPA 515.3	-88	-88	0	30	
2016/17-5	000NONPJ	matrix spike	1/23/2017	Pesticide	Acifluorfen	n/a	=	4.96	µg/L	EPA 515.3	0.06	0.4			
2016/17-5	000NONPJ	matrix spike, rec	1/23/2017	Pesticide	Acifluorfen	n/a	=	124	%	EPA 515.3	-88	-88	70	130	
2016/17-5	000NONPJ	matrix spike dup	1/23/2017	Pesticide	Acifluorfen	n/a	=	4.54	µg/L	EPA 515.3	0.06	0.4			
2016/17-5	000NONPJ	matrix spike dup, rec	1/23/2017	Pesticide	Acifluorfen	n/a	=	114	%	EPA 515.3	-88	-88	70	130	
2016/17-5	000NONPJ	matrix spike, RPD	1/23/2017	Pesticide	Acifluorfen	n/a	=	9	%	EPA 515.3	-88	-88	0	30	
2016/17-5	Lab	method blank	1/23/2017	Pesticide	Acifluorfen	n/a	<	0.06	µg/L	EPA 515.3	0.06	0.4			
2016/17-5	Lab	LCS	1/23/2017	Pesticide	Acifluorfen	n/a	=	4.2	µg/L	EPA 515.3	0.06	0.4			
2016/17-5	Lab	LCS, rec	1/23/2017	Pesticide	Acifluorfen	n/a	=	105	%	EPA 515.3	-88	-88	70	130	
2016/17-5	Lab	method blank	1/27/2017	Pesticide	Alachlor	n/a	<	0.022	µg/L	EPA 525.2	0.022	0.1			
2016/17-5	Lab	LCS	1/27/2017	Pesticide	Alachlor	n/a	=	5.06	µg/L	EPA 525.2	0.022	0.1			
2016/17-5	Lab	LCS, rec	1/27/2017	Pesticide	Alachlor	n/a	=	101	%	EPA 525.2	-88	-88	55	124	
2016/17-5	Lab	LCS dup	1/27/2017	Pesticide	Alachlor	n/a	=	4.91	µg/L	EPA 525.2	0.022	0.1			
2016/17-5	Lab	LCS dup, rec	1/27/2017	Pesticide	Alachlor	n/a	=	98	%	EPA 525.2	-88	-88	55	124	
2016/17-5	Lab	LCS, RPD	1/27/2017	Pesticide	Alachlor	n/a	=	3	%	EPA 525.2	-88	-88	0	30	
2016/17-5	Lab	method blank	1/30/2017	Pesticide	Alachlor	n/a	<	0.022	µg/L	EPA 525.2	0.022	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	
2016/17-5	Lab	LCS	1/30/2017	Pesticide	Alachlor	n/a	=	5.51	µg/L	EPA 525.2	0.022	0.1			
2016/17-5	Lab	LCS, rec	1/30/2017	Pesticide	Alachlor	n/a	=	110	%	EPA 525.2	-88	-88	55	124	
2016/17-5	Lab	LCS dup	1/30/2017	Pesticide	Alachlor	n/a	=	6.08	µg/L	EPA 525.2	0.022	0.1			
2016/17-5	Lab	LCS dup, rec	1/30/2017	Pesticide	Alachlor	n/a	=	122	%	EPA 525.2	-88	-88	55	124	
2016/17-5	Lab	LCS, RPD	1/30/2017	Pesticide	Alachlor	n/a	=	10	%	EPA 525.2	-88	-88	0	30	
2016/17-5	Lab	method blank	1/31/2017	Pesticide	Aldrin	n/a	<	0.0015	µg/L	EPA 608	0.0015	0.005			
2016/17-5	Lab	LCS	1/31/2017	Pesticide	Aldrin	n/a	=	0.0815	µg/L	EPA 608	0.0015	0.005			
2016/17-5	Lab	LCS, rec	1/31/2017	Pesticide	Aldrin	n/a	=	81	%	EPA 608	-88	-88	18	117	
2016/17-5	Lab	LCS dup	1/31/2017	Pesticide	Aldrin	n/a	=	0.102	µg/L	EPA 608	0.0015	0.005			
2016/17-5	Lab	LCS dup, rec	1/31/2017	Pesticide	Aldrin	n/a	=	102	%	EPA 608	-88	-88	18	117	
2016/17-5	Lab	LCS, RPD	1/31/2017	Pesticide	Aldrin	n/a	=	22	%	EPA 608	-88	-88	0	30	
2016/17-5	Lab	method blank	2/13/2017	Pesticide	Aldrin	n/a	<	0.0015	µg/L	EPA 608	0.0015	0.005			
2016/17-5	Lab	LCS	2/13/2017	Pesticide	Aldrin	n/a	=	0.0781	µg/L	EPA 608	0.0015	0.005			
2016/17-5	Lab	LCS, rec	2/13/2017	Pesticide	Aldrin	n/a	=	78	%	EPA 608	-88	-88	18	117	
2016/17-5	Lab	LCS dup	2/13/2017	Pesticide	Aldrin	n/a	=	0.078	µg/L	EPA 608	0.0015	0.005			
2016/17-5	Lab	LCS dup, rec	2/13/2017	Pesticide	Aldrin	n/a	=	78	%	EPA 608	-88	-88	18	117	
2016/17-5	Lab	LCS, RPD	2/13/2017	Pesticide	Aldrin	n/a	=	0.1	%	EPA 608	-88	-88	0	30	
2016/17-5	Lab	method blank	1/31/2017	Pesticide	alpha-BHC	n/a	<	0.0018	µg/L	EPA 608	0.0018	0.01			
2016/17-5	Lab	LCS	1/31/2017	Pesticide	alpha-BHC	n/a	=	0.0819	µg/L	EPA 608	0.0018	0.01			
2016/17-5	Lab	LCS, rec	1/31/2017	Pesticide	alpha-BHC	n/a	=	82	%	EPA 608	-88	-88	47	119	
2016/17-5	Lab	LCS dup	1/31/2017	Pesticide	alpha-BHC	n/a	=	0.0963	µg/L	EPA 608	0.0018	0.01			
2016/17-5	Lab	LCS dup, rec	1/31/2017	Pesticide	alpha-BHC	n/a	=	96	%	EPA 608	-88	-88	47	119	
2016/17-5	Lab	LCS, RPD	1/31/2017	Pesticide	alpha-BHC	n/a	=	16	%	EPA 608	-88	-88	0	30	
2016/17-5	Lab	method blank	2/13/2017	Pesticide	alpha-BHC	n/a	<	0.0018	µg/L	EPA 608	0.0018	0.01			
2016/17-5	Lab	LCS	2/13/2017	Pesticide	alpha-BHC	n/a	=	0.072	µg/L	EPA 608	0.0018	0.01			
2016/17-5	Lab	LCS, rec	2/13/2017	Pesticide	alpha-BHC	n/a	=	72	%	EPA 608	-88	-88	47	119	
2016/17-5	Lab	LCS dup	2/13/2017	Pesticide	alpha-BHC	n/a	=	0.073	µg/L	EPA 608	0.0018	0.01			
2016/17-5	Lab	LCS dup, rec	2/13/2017	Pesticide	alpha-BHC	n/a	=	73	%	EPA 608	-88	-88	47	119	
2016/17-5	Lab	LCS, RPD	2/13/2017	Pesticide	alpha-BHC	n/a	=	1	%	EPA 608	-88	-88	0	30	
2016/17-5	Lab	method blank	1/31/2017	Pesticide	alpha-Chlordane	n/a	<	0.0041	µg/L	EPA 608	0.0041	0.01			
2016/17-5	Lab	method blank	2/13/2017	Pesticide	alpha-Chlordane	n/a	<	0.0041	µg/L	EPA 608	0.0041	0.01			
2016/17-5	Lab	method blank	1/27/2017	Pesticide	Atrazine	n/a	<	0.034	µg/L	EPA 525.2	0.034	0.1			
2016/17-5	Lab	LCS	1/27/2017	Pesticide	Atrazine	n/a	=	5.08	µg/L	EPA 525.2	0.034	0.1			
2016/17-5	Lab	LCS, rec	1/27/2017	Pesticide	Atrazine	n/a	=	102	%	EPA 525.2	-88	-88	67	131	
2016/17-5	Lab	LCS dup	1/27/2017	Pesticide	Atrazine	n/a	=	4.87	µg/L	EPA 525.2	0.034	0.1			
2016/17-5	Lab	LCS dup, rec	1/27/2017	Pesticide	Atrazine	n/a	=	97	%	EPA 525.2	-88	-88	67	131	
2016/17-5	Lab	LCS, RPD	1/27/2017	Pesticide	Atrazine	n/a	=	4	%	EPA 525.2	-88	-88	0	30	
2016/17-5	Lab	method blank	1/30/2017	Pesticide	Atrazine	n/a	<	0.034	µg/L	EPA 525.2	0.034	0.1			
2016/17-5	Lab	LCS	1/30/2017	Pesticide	Atrazine	n/a	=	5.18	µg/L	EPA 525.2	0.034	0.1			
2016/17-5	Lab	LCS, rec	1/30/2017	Pesticide	Atrazine	n/a	=	104	%	EPA 525.2	-88	-88	67	131	
2016/17-5	Lab	LCS dup	1/30/2017	Pesticide	Atrazine	n/a	=	4.81	µg/L	EPA 525.2	0.034	0.1			
2016/17-5	Lab	LCS dup, rec	1/30/2017	Pesticide	Atrazine	n/a	=	96	%	EPA 525.2	-88	-88	67	131	
2016/17-5	Lab	LCS, RPD	1/30/2017	Pesticide	Atrazine	n/a	=	7	%	EPA 525.2	-88	-88	0	30	
2016/17-5	Lab	method blank	2/6/2017	Pesticide	Azinphos methyl	n/a	<	0.0055	µg/L	EPA 525.2m	0.0055	0.01			
2016/17-5	Lab	LCS	2/6/2017	Pesticide	Azinphos methyl	n/a	=	0.0617	µg/L	EPA 525.2m	0.0055	0.01			
2016/17-5	Lab	LCS, rec	2/6/2017	Pesticide	Azinphos methyl	n/a	=	123	%	EPA 525.2m	-88	-88	0.1	188	
2016/17-5	MO-HUE	matrix spike	2/6/2017	Pesticide	Azinphos methyl	n/a	=	0.066	µg/L	EPA 525.2m	0.0055	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	
2016/17-5	MO-HUE	matrix spike, rec	2/6/2017	Pesticide	Azinphos methyl	n/a	=	132	%	EPA 525.2m	-88	-88	0.1	154	
2016/17-5	MO-HUE	matrix spike dup	2/6/2017	Pesticide	Azinphos methyl	n/a	=	0.0662	µg/L	EPA 525.2m	0.0055	0.01			
2016/17-5	MO-HUE	matrix spike dup, rec	2/6/2017	Pesticide	Azinphos methyl	n/a	=	132	%	EPA 525.2m	-88	-88	0.1	154	
2016/17-5	MO-HUE	matrix spike, RPD	2/6/2017	Pesticide	Azinphos methyl	n/a	=	0.2	%	EPA 525.2m	-88	-88	0	30	
2016/17-5	000NONPJ	matrix spike	1/23/2017	Pesticide	Bentazon	n/a	=	18.1	µg/L	EPA 515.3	0.11	2			
2016/17-5	000NONPJ	matrix spike, rec	1/23/2017	Pesticide	Bentazon	n/a	=	113	%	EPA 515.3	-88	-88	70	130	
2016/17-5	000NONPJ	matrix spike dup	1/23/2017	Pesticide	Bentazon	n/a	=	18	µg/L	EPA 515.3	0.11	2			
2016/17-5	000NONPJ	matrix spike dup, rec	1/23/2017	Pesticide	Bentazon	n/a	=	113	%	EPA 515.3	-88	-88	70	130	
2016/17-5	000NONPJ	matrix spike, RPD	1/23/2017	Pesticide	Bentazon	n/a	=	0.7	%	EPA 515.3	-88	-88	0	30	
2016/17-5	000NONPJ	matrix spike	1/23/2017	Pesticide	Bentazon	n/a	=	19.5	µg/L	EPA 515.3	0.11	2			
2016/17-5	000NONPJ	matrix spike, rec	1/23/2017	Pesticide	Bentazon	n/a	=	122	%	EPA 515.3	-88	-88	70	130	
2016/17-5	000NONPJ	matrix spike dup	1/23/2017	Pesticide	Bentazon	n/a	=	19.6	µg/L	EPA 515.3	0.11	2			
2016/17-5	000NONPJ	matrix spike dup, rec	1/23/2017	Pesticide	Bentazon	n/a	=	122	%	EPA 515.3	-88	-88	70	130	
2016/17-5	000NONPJ	matrix spike, RPD	1/23/2017	Pesticide	Bentazon	n/a	=	0.4	%	EPA 515.3	-88	-88	0	30	
2016/17-5	Lab	method blank	1/23/2017	Pesticide	Bentazon	n/a	<	0.11	µg/L	EPA 515.3	0.11	2			
2016/17-5	Lab	LCS	1/23/2017	Pesticide	Bentazon	n/a	=	17.2	µg/L	EPA 515.3	0.11	2			
2016/17-5	Lab	LCS, rec	1/23/2017	Pesticide	Bentazon	n/a	=	107	%	EPA 515.3	-88	-88	70	130	
2016/17-5	Lab	method blank	1/31/2017	Pesticide	beta-BHC	n/a	<	0.0031	µg/L	EPA 608	0.0031	0.005			
2016/17-5	Lab	LCS	1/31/2017	Pesticide	beta-BHC	n/a	=	0.0862	µg/L	EPA 608	0.0031	0.005			
2016/17-5	Lab	LCS, rec	1/31/2017	Pesticide	beta-BHC	n/a	=	86	%	EPA 608	-88	-88	53	123	
2016/17-5	Lab	LCS dup	1/31/2017	Pesticide	beta-BHC	n/a	=	0.105	µg/L	EPA 608	0.0031	0.005			
2016/17-5	Lab	LCS dup, rec	1/31/2017	Pesticide	beta-BHC	n/a	=	105	%	EPA 608	-88	-88	53	123	
2016/17-5	Lab	LCS, RPD	1/31/2017	Pesticide	beta-BHC	n/a	=	20	%	EPA 608	-88	-88	0	30	
2016/17-5	Lab	method blank	2/13/2017	Pesticide	beta-BHC	n/a	<	0.0031	µg/L	EPA 608	0.0031	0.005			
2016/17-5	Lab	LCS	2/13/2017	Pesticide	beta-BHC	n/a	=	0.0795	µg/L	EPA 608	0.0031	0.005			
2016/17-5	Lab	LCS, rec	2/13/2017	Pesticide	beta-BHC	n/a	=	79	%	EPA 608	-88	-88	53	123	
2016/17-5	Lab	LCS dup	2/13/2017	Pesticide	beta-BHC	n/a	=	0.0793	µg/L	EPA 608	0.0031	0.005			
2016/17-5	Lab	LCS dup, rec	2/13/2017	Pesticide	beta-BHC	n/a	=	79	%	EPA 608	-88	-88	53	123	
2016/17-5	Lab	LCS, RPD	2/13/2017	Pesticide	beta-BHC	n/a	=	0.2	%	EPA 608	-88	-88	0	30	
2016/17-5	Lab	method blank	2/6/2017	Pesticide	Bolstar	n/a	<	0.0046	µg/L	EPA 525.2m	0.0046	0.01			
2016/17-5	Lab	LCS	2/6/2017	Pesticide	Bolstar	n/a	=	0.04	µg/L	EPA 525.2m	0.0046	0.01			
2016/17-5	Lab	LCS, rec	2/6/2017	Pesticide	Bolstar	n/a	=	80	%	EPA 525.2m	-88	-88	11	166	
2016/17-5	MO-HUE	matrix spike	2/6/2017	Pesticide	Bolstar	n/a	=	0.037	µg/L	EPA 525.2m	0.0046	0.01			
2016/17-5	MO-HUE	matrix spike, rec	2/6/2017	Pesticide	Bolstar	n/a	=	74	%	EPA 525.2m	-88	-88	4	184	
2016/17-5	MO-HUE	matrix spike dup	2/6/2017	Pesticide	Bolstar	n/a	=	0.038	µg/L	EPA 525.2m	0.0046	0.01			
2016/17-5	MO-HUE	matrix spike dup, rec	2/6/2017	Pesticide	Bolstar	n/a	=	76	%	EPA 525.2m	-88	-88	4	184	
2016/17-5	MO-HUE	matrix spike, RPD	2/6/2017	Pesticide	Bolstar	n/a	=	3	%	EPA 525.2m	-88	-88	0	30	
2016/17-5	Lab	method blank	1/27/2017	Pesticide	Bromacil	n/a	<	0.038	µg/L	EPA 525.2	0.038	1			
2016/17-5	Lab	LCS	1/27/2017	Pesticide	Bromacil	n/a	=	4.12	µg/L	EPA 525.2	0.038	1			
2016/17-5	Lab	LCS, rec	1/27/2017	Pesticide	Bromacil	n/a	=	82	%	EPA 525.2	-88	-88	62	139	
2016/17-5	Lab	LCS dup	1/27/2017	Pesticide	Bromacil	n/a	=	3.95	µg/L	EPA 525.2	0.038	1			
2016/17-5	Lab	LCS dup, rec	1/27/2017	Pesticide	Bromacil	n/a	=	79	%	EPA 525.2	-88	-88	62	139	
2016/17-5	Lab	LCS, RPD	1/27/2017	Pesticide	Bromacil	n/a	=	4	%	EPA 525.2	-88	-88	0	30	
2016/17-5	Lab	method blank	1/30/2017	Pesticide	Bromacil	n/a	<	0.038	µg/L	EPA 525.2	0.038	1			
2016/17-5	Lab	LCS	1/30/2017	Pesticide	Bromacil	n/a	=	5.17	µg/L	EPA 525.2	0.038	1			
2016/17-5	Lab	LCS, rec	1/30/2017	Pesticide	Bromacil	n/a	=	103	%	EPA 525.2	-88	-88	62	139	
2016/17-5	Lab	LCS dup	1/30/2017	Pesticide	Bromacil	n/a	=	4.86	µg/L	EPA 525.2	0.038	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	
2016/17-5	Lab	LCS dup, rec	1/30/2017	Pesticide	Bromacil	n/a	=	97	%	EPA 525.2	-88	-88	62	139	
2016/17-5	Lab	LCS, RPD	1/30/2017	Pesticide	Bromacil	n/a	=	6	%	EPA 525.2	-88	-88	0	30	
2016/17-5	Lab	method blank	1/27/2017	Pesticide	Butachlor	n/a	<	0.017	µg/L	EPA 525.2	0.017	0.2			
2016/17-5	Lab	LCS	1/27/2017	Pesticide	Butachlor	n/a	=	4.72	µg/L	EPA 525.2	0.017	0.2			
2016/17-5	Lab	LCS, rec	1/27/2017	Pesticide	Butachlor	n/a	=	94	%	EPA 525.2	-88	-88	61	127	
2016/17-5	Lab	LCS dup	1/27/2017	Pesticide	Butachlor	n/a	=	4.99	µg/L	EPA 525.2	0.017	0.2			
2016/17-5	Lab	LCS dup, rec	1/27/2017	Pesticide	Butachlor	n/a	=	100	%	EPA 525.2	-88	-88	61	127	
2016/17-5	Lab	LCS, RPD	1/27/2017	Pesticide	Butachlor	n/a	=	6	%	EPA 525.2	-88	-88	0	30	
2016/17-5	Lab	method blank	1/30/2017	Pesticide	Butachlor	n/a	<	0.017	µg/L	EPA 525.2	0.017	0.2			
2016/17-5	Lab	LCS	1/30/2017	Pesticide	Butachlor	n/a	=	5.35	µg/L	EPA 525.2	0.017	0.2			
2016/17-5	Lab	LCS, rec	1/30/2017	Pesticide	Butachlor	n/a	=	107	%	EPA 525.2	-88	-88	61	127	
2016/17-5	Lab	LCS dup	1/30/2017	Pesticide	Butachlor	n/a	=	6.19	µg/L	EPA 525.2	0.017	0.2			
2016/17-5	Lab	LCS dup, rec	1/30/2017	Pesticide	Butachlor	n/a	=	124	%	EPA 525.2	-88	-88	61	127	
2016/17-5	Lab	LCS, RPD	1/30/2017	Pesticide	Butachlor	n/a	=	15	%	EPA 525.2	-88	-88	0	30	
2016/17-5	Lab	method blank	1/27/2017	Pesticide	Captan	n/a	<	0.86	µg/L	EPA 525.2	0.86	1			
2016/17-5	Lab	LCS	1/27/2017	Pesticide	Captan	n/a	=	4.59	µg/L	EPA 525.2	0.86	1			
2016/17-5	Lab	LCS, rec	1/27/2017	Pesticide	Captan	n/a	=	92	%	EPA 525.2	-88	-88	14	159	
2016/17-5	Lab	LCS dup	1/27/2017	Pesticide	Captan	n/a	=	4.56	µg/L	EPA 525.2	0.86	1			
2016/17-5	Lab	LCS dup, rec	1/27/2017	Pesticide	Captan	n/a	=	91	%	EPA 525.2	-88	-88	14	159	
2016/17-5	Lab	LCS, RPD	1/27/2017	Pesticide	Captan	n/a	=	0.7	%	EPA 525.2	-88	-88	0	30	
2016/17-5	Lab	method blank	1/30/2017	Pesticide	Captan	n/a	<	0.86	µg/L	EPA 525.2	0.86	1			
2016/17-5	Lab	LCS	1/30/2017	Pesticide	Captan	n/a	=	4.81	µg/L	EPA 525.2	0.86	1			
2016/17-5	Lab	LCS, rec	1/30/2017	Pesticide	Captan	n/a	=	96	%	EPA 525.2	-88	-88	14	159	
2016/17-5	Lab	LCS dup	1/30/2017	Pesticide	Captan	n/a	=	4.65	µg/L	EPA 525.2	0.86	1			
2016/17-5	Lab	LCS dup, rec	1/30/2017	Pesticide	Captan	n/a	=	93	%	EPA 525.2	-88	-88	14	159	
2016/17-5	Lab	LCS, RPD	1/30/2017	Pesticide	Captan	n/a	=	4	%	EPA 525.2	-88	-88	0	30	
2016/17-5	Lab	method blank	1/31/2017	Pesticide	Chlordane (technical)	n/a	<	0.08	µg/L	EPA 608	0.08	0.1			
2016/17-5	Lab	method blank	2/13/2017	Pesticide	Chlordane (technical)	n/a	<	0.08	µg/L	EPA 608	0.08	0.1			
2016/17-5	Lab	method blank	1/27/2017	Pesticide	Chloropropham	n/a	<	0.01	µg/L	EPA 525.2	0.01	0.1			
2016/17-5	Lab	LCS	1/27/2017	Pesticide	Chloropropham	n/a	=	4.88	µg/L	EPA 525.2	0.01	0.1			
2016/17-5	Lab	LCS, rec	1/27/2017	Pesticide	Chloropropham	n/a	=	98	%	EPA 525.2	-88	-88	77	143	
2016/17-5	Lab	LCS dup	1/27/2017	Pesticide	Chloropropham	n/a	=	4.87	µg/L	EPA 525.2	0.01	0.1			
2016/17-5	Lab	LCS dup, rec	1/27/2017	Pesticide	Chloropropham	n/a	=	97	%	EPA 525.2	-88	-88	77	143	
2016/17-5	Lab	LCS, RPD	1/27/2017	Pesticide	Chloropropham	n/a	=	0.2	%	EPA 525.2	-88	-88	0	30	
2016/17-5	Lab	method blank	1/30/2017	Pesticide	Chloropropham	n/a	<	0.01	µg/L	EPA 525.2	0.01	0.1			
2016/17-5	Lab	LCS	1/30/2017	Pesticide	Chloropropham	n/a	=	5.34	µg/L	EPA 525.2	0.01	0.1			
2016/17-5	Lab	LCS, rec	1/30/2017	Pesticide	Chloropropham	n/a	=	107	%	EPA 525.2	-88	-88	77	143	
2016/17-5	Lab	LCS dup	1/30/2017	Pesticide	Chloropropham	n/a	=	5.14	µg/L	EPA 525.2	0.01	0.1			
2016/17-5	Lab	LCS dup, rec	1/30/2017	Pesticide	Chloropropham	n/a	=	103	%	EPA 525.2	-88	-88	77	143	
2016/17-5	Lab	LCS, RPD	1/30/2017	Pesticide	Chloropropham	n/a	=	4	%	EPA 525.2	-88	-88	0	30	
2016/17-5	Lab	method blank	2/6/2017	Pesticide	Chlorpyrifos	n/a	<	0.0069	µg/L	EPA 525.2m	0.0069	0.01			
2016/17-5	Lab	LCS	2/6/2017	Pesticide	Chlorpyrifos	n/a	=	0.0515	µg/L	EPA 525.2m	0.0069	0.01			
2016/17-5	Lab	LCS, rec	2/6/2017	Pesticide	Chlorpyrifos	n/a	=	103	%	EPA 525.2m	-88	-88	37	169	
2016/17-5	MO-HUE	matrix spike	2/6/2017	Pesticide	Chlorpyrifos	n/a	=	0.0827	µg/L	EPA 525.2m	0.0069	0.01			IL
2016/17-5	MO-HUE	matrix spike, rec	2/6/2017	Pesticide	Chlorpyrifos	n/a	=	165	%	EPA 525.2m	-88	-88	37	168	IL
2016/17-5	MO-HUE	matrix spike dup	2/6/2017	Pesticide	Chlorpyrifos	n/a	=	0.112	µg/L	EPA 525.2m	0.0069	0.01			GB,IL
2016/17-5	MO-HUE	matrix spike dup, rec	2/6/2017	Pesticide	Chlorpyrifos	n/a	=	225	%	EPA 525.2m	-88	-88	37	168	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	
2016/17-5	MO-HUE	matrix spike, RPD	2/6/2017	Pesticide	Chlorpyrifos	n/a	=	31	%	EPA 525.2m	-88	-88	0	30	GB,IL
2016/17-5	Lab	method blank	2/6/2017	Pesticide	Coumaphos	n/a	<	0.0051	µg/L	EPA 525.2m	0.0051	0.01			
2016/17-5	Lab	LCS	2/6/2017	Pesticide	Coumaphos	n/a	=	0.0713	µg/L	EPA 525.2m	0.0051	0.01			
2016/17-5	Lab	LCS, rec	2/6/2017	Pesticide	Coumaphos	n/a	=	143	%	EPA 525.2m	-88	-88	0.1	225	
2016/17-5	MO-HUE	matrix spike	2/6/2017	Pesticide	Coumaphos	n/a	=	0.0715	µg/L	EPA 525.2m	0.0051	0.01			
2016/17-5	MO-HUE	matrix spike, rec	2/6/2017	Pesticide	Coumaphos	n/a	=	143	%	EPA 525.2m	-88	-88	0.1	203	
2016/17-5	MO-HUE	matrix spike dup	2/6/2017	Pesticide	Coumaphos	n/a	=	0.0731	µg/L	EPA 525.2m	0.0051	0.01			
2016/17-5	MO-HUE	matrix spike dup, rec	2/6/2017	Pesticide	Coumaphos	n/a	=	146	%	EPA 525.2m	-88	-88	0.1	203	
2016/17-5	MO-HUE	matrix spike, RPD	2/6/2017	Pesticide	Coumaphos	n/a	=	2	%	EPA 525.2m	-88	-88	0	30	
2016/17-5	Lab	method blank	1/27/2017	Pesticide	Cyanazine	n/a	<	0.024	µg/L	EPA 525.2	0.024	0.1			
2016/17-5	Lab	LCS	1/27/2017	Pesticide	Cyanazine	n/a	=	4.19	µg/L	EPA 525.2	0.024	0.1			
2016/17-5	Lab	LCS, rec	1/27/2017	Pesticide	Cyanazine	n/a	=	84	%	EPA 525.2	-88	-88	61	129	
2016/17-5	Lab	LCS dup	1/27/2017	Pesticide	Cyanazine	n/a	=	4.45	µg/L	EPA 525.2	0.024	0.1			
2016/17-5	Lab	LCS dup, rec	1/27/2017	Pesticide	Cyanazine	n/a	=	89	%	EPA 525.2	-88	-88	61	129	
2016/17-5	Lab	LCS, RPD	1/27/2017	Pesticide	Cyanazine	n/a	=	6	%	EPA 525.2	-88	-88	0	30	
2016/17-5	Lab	method blank	1/30/2017	Pesticide	Cyanazine	n/a	<	0.024	µg/L	EPA 525.2	0.024	0.1			
2016/17-5	Lab	LCS	1/30/2017	Pesticide	Cyanazine	n/a	=	5.46	µg/L	EPA 525.2	0.024	0.1			
2016/17-5	Lab	LCS, rec	1/30/2017	Pesticide	Cyanazine	n/a	=	109	%	EPA 525.2	-88	-88	61	129	
2016/17-5	Lab	LCS dup	1/30/2017	Pesticide	Cyanazine	n/a	=	4.85	µg/L	EPA 525.2	0.024	0.1			
2016/17-5	Lab	LCS dup, rec	1/30/2017	Pesticide	Cyanazine	n/a	=	97	%	EPA 525.2	-88	-88	61	129	
2016/17-5	Lab	LCS, RPD	1/30/2017	Pesticide	Cyanazine	n/a	=	12	%	EPA 525.2	-88	-88	0	30	
2016/17-5	000NONPJ	matrix spike	1/23/2017	Pesticide	Dalapon	n/a	=	8.64	µg/L	EPA 515.3	0.1	0.4			
2016/17-5	000NONPJ	matrix spike, rec	1/23/2017	Pesticide	Dalapon	n/a	=	87	%	EPA 515.3	-88	-88	70	130	
2016/17-5	000NONPJ	matrix spike dup	1/23/2017	Pesticide	Dalapon	n/a	=	9.23	µg/L	EPA 515.3	0.1	0.4			
2016/17-5	000NONPJ	matrix spike dup, rec	1/23/2017	Pesticide	Dalapon	n/a	=	95	%	EPA 515.3	-88	-88	70	130	
2016/17-5	000NONPJ	matrix spike, RPD	1/23/2017	Pesticide	Dalapon	n/a	=	7	%	EPA 515.3	-88	-88	0	30	
2016/17-5	000NONPJ	matrix spike	1/23/2017	Pesticide	Dalapon	n/a	=	8.19	µg/L	EPA 515.3	0.1	0.4			
2016/17-5	000NONPJ	matrix spike, rec	1/23/2017	Pesticide	Dalapon	n/a	=	102	%	EPA 515.3	-88	-88	70	130	
2016/17-5	000NONPJ	matrix spike dup	1/23/2017	Pesticide	Dalapon	n/a	=	8.76	µg/L	EPA 515.3	0.1	0.4			
2016/17-5	000NONPJ	matrix spike dup, rec	1/23/2017	Pesticide	Dalapon	n/a	=	110	%	EPA 515.3	-88	-88	70	130	
2016/17-5	000NONPJ	matrix spike, RPD	1/23/2017	Pesticide	Dalapon	n/a	=	7	%	EPA 515.3	-88	-88	0	30	
2016/17-5	Lab	method blank	1/23/2017	Pesticide	Dalapon	n/a	<	0.1	µg/L	EPA 515.3	0.1	0.4			
2016/17-5	Lab	LCS	1/23/2017	Pesticide	Dalapon	n/a	=	8.36	µg/L	EPA 515.3	0.1	0.4			
2016/17-5	Lab	LCS, rec	1/23/2017	Pesticide	Dalapon	n/a	=	104	%	EPA 515.3	-88	-88	70	130	
2016/17-5	000NONPJ	matrix spike	1/23/2017	Pesticide	DCPA (Dacthal)	n/a	=	4.25	µg/L	EPA 515.3	0.07	0.1			
2016/17-5	000NONPJ	matrix spike, rec	1/23/2017	Pesticide	DCPA (Dacthal)	n/a	=	106	%	EPA 515.3	-88	-88	70	130	
2016/17-5	000NONPJ	matrix spike dup	1/23/2017	Pesticide	DCPA (Dacthal)	n/a	=	4.27	µg/L	EPA 515.3	0.07	0.1			
2016/17-5	000NONPJ	matrix spike dup, rec	1/23/2017	Pesticide	DCPA (Dacthal)	n/a	=	107	%	EPA 515.3	-88	-88	70	130	
2016/17-5	000NONPJ	matrix spike, RPD	1/23/2017	Pesticide	DCPA (Dacthal)	n/a	=	0.5	%	EPA 515.3	-88	-88	0	30	
2016/17-5	000NONPJ	matrix spike	1/23/2017	Pesticide	DCPA (Dacthal)	n/a	=	4.43	µg/L	EPA 515.3	0.07	0.1			
2016/17-5	000NONPJ	matrix spike, rec	1/23/2017	Pesticide	DCPA (Dacthal)	n/a	=	111	%	EPA 515.3	-88	-88	70	130	
2016/17-5	000NONPJ	matrix spike dup	1/23/2017	Pesticide	DCPA (Dacthal)	n/a	=	4.44	µg/L	EPA 515.3	0.07	0.1			
2016/17-5	000NONPJ	matrix spike dup, rec	1/23/2017	Pesticide	DCPA (Dacthal)	n/a	=	111	%	EPA 515.3	-88	-88	70	130	
2016/17-5	000NONPJ	matrix spike, RPD	1/23/2017	Pesticide	DCPA (Dacthal)	n/a	=	0.1	%	EPA 515.3	-88	-88	0	30	
2016/17-5	Lab	method blank	1/23/2017	Pesticide	DCPA (Dacthal)	n/a	<	0.07	µg/L	EPA 515.3	0.07	0.1			
2016/17-5	Lab	LCS	1/23/2017	Pesticide	DCPA (Dacthal)	n/a	=	4.19	µg/L	EPA 515.3	0.07	0.1			
2016/17-5	Lab	LCS, rec	1/23/2017	Pesticide	DCPA (Dacthal)	n/a	=	105	%	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	
2016/17-5	Lab	method blank	1/31/2017	Pesticide	delta-BHC	n/a	<	0.0025	µg/L	EPA 608	0.0025	0.005			
2016/17-5	Lab	LCS	1/31/2017	Pesticide	delta-BHC	n/a	=	0.0865	µg/L	EPA 608	0.0025	0.005			
2016/17-5	Lab	LCS, rec	1/31/2017	Pesticide	delta-BHC	n/a	=	87	%	EPA 608	-88	-88	51	123	
2016/17-5	Lab	LCS dup	1/31/2017	Pesticide	delta-BHC	n/a	=	0.103	µg/L	EPA 608	0.0025	0.005			
2016/17-5	Lab	LCS dup, rec	1/31/2017	Pesticide	delta-BHC	n/a	=	103	%	EPA 608	-88	-88	51	123	
2016/17-5	Lab	LCS, RPD	1/31/2017	Pesticide	delta-BHC	n/a	=	17	%	EPA 608	-88	-88	0	30	
2016/17-5	Lab	method blank	2/13/2017	Pesticide	delta-BHC	n/a	<	0.0025	µg/L	EPA 608	0.0025	0.005			
2016/17-5	Lab	LCS	2/13/2017	Pesticide	delta-BHC	n/a	=	0.0836	µg/L	EPA 608	0.0025	0.005			
2016/17-5	Lab	LCS, rec	2/13/2017	Pesticide	delta-BHC	n/a	=	84	%	EPA 608	-88	-88	51	123	
2016/17-5	Lab	LCS dup	2/13/2017	Pesticide	delta-BHC	n/a	=	0.0824	µg/L	EPA 608	0.0025	0.005			
2016/17-5	Lab	LCS dup, rec	2/13/2017	Pesticide	delta-BHC	n/a	=	82	%	EPA 608	-88	-88	51	123	
2016/17-5	Lab	LCS, RPD	2/13/2017	Pesticide	delta-BHC	n/a	=	1	%	EPA 608	-88	-88	0	30	
2016/17-5	Lab	method blank	2/6/2017	Pesticide	Demeton-O	n/a	<	0.01	µg/L	EPA 525.2m	0.01	0.01			
2016/17-5	Lab	LCS	2/6/2017	Pesticide	Demeton-O	n/a	=	0.0288	µg/L	EPA 525.2m	0.01	0.01			
2016/17-5	Lab	LCS, rec	2/6/2017	Pesticide	Demeton-O	n/a	=	58	%	EPA 525.2m	-88	-88	0.1	211	
2016/17-5	MO-HUE	matrix spike	2/6/2017	Pesticide	Demeton-O	n/a	=	0.0299	µg/L	EPA 525.2m	0.01	0.01			
2016/17-5	MO-HUE	matrix spike, rec	2/6/2017	Pesticide	Demeton-O	n/a	=	60	%	EPA 525.2m	-88	-88	0.1	208	
2016/17-5	MO-HUE	matrix spike dup	2/6/2017	Pesticide	Demeton-O	n/a	=	0.0366	µg/L	EPA 525.2m	0.01	0.01			
2016/17-5	MO-HUE	matrix spike dup, rec	2/6/2017	Pesticide	Demeton-O	n/a	=	73	%	EPA 525.2m	-88	-88	0.1	208	
2016/17-5	MO-HUE	matrix spike, RPD	2/6/2017	Pesticide	Demeton-O	n/a	=	20	%	EPA 525.2m	-88	-88	0	30	
2016/17-5	Lab	method blank	2/6/2017	Pesticide	Demeton-S	n/a	<	0.01	µg/L	EPA 525.2m	0.01	0.01			
2016/17-5	Lab	LCS	2/6/2017	Pesticide	Demeton-S	n/a	=	0.0526	µg/L	EPA 525.2m	0.01	0.01			
2016/17-5	Lab	LCS, rec	2/6/2017	Pesticide	Demeton-S	n/a	=	105	%	EPA 525.2m	-88	-88	0.1	213	
2016/17-5	MO-HUE	matrix spike	2/6/2017	Pesticide	Demeton-S	n/a	=	0.051	µg/L	EPA 525.2m	0.01	0.01			IL
2016/17-5	MO-HUE	matrix spike, rec	2/6/2017	Pesticide	Demeton-S	n/a	=	102	%	EPA 525.2m	-88	-88	0.1	207	IL
2016/17-5	MO-HUE	matrix spike dup	2/6/2017	Pesticide	Demeton-S	n/a	=	0.072	µg/L	EPA 525.2m	0.01	0.01			IL
2016/17-5	MO-HUE	matrix spike dup, rec	2/6/2017	Pesticide	Demeton-S	n/a	=	144	%	EPA 525.2m	-88	-88	0.1	207	IL
2016/17-5	MO-HUE	matrix spike, RPD	2/6/2017	Pesticide	Demeton-S	n/a	=	34	%	EPA 525.2m	-88	-88	0	30	IL
2016/17-5	Lab	method blank	1/27/2017	Pesticide	Diazinon	n/a	<	0.096	µg/L	EPA 525.2	0.096	0.1			
2016/17-5	Lab	LCS	1/27/2017	Pesticide	Diazinon	n/a	=	4.55	µg/L	EPA 525.2	0.096	0.1			
2016/17-5	Lab	LCS, rec	1/27/2017	Pesticide	Diazinon	n/a	=	91	%	EPA 525.2	-88	-88	30	120	
2016/17-5	Lab	LCS dup	1/27/2017	Pesticide	Diazinon	n/a	=	4.24	µg/L	EPA 525.2	0.096	0.1			
2016/17-5	Lab	LCS dup, rec	1/27/2017	Pesticide	Diazinon	n/a	=	85	%	EPA 525.2	-88	-88	30	120	
2016/17-5	Lab	LCS, RPD	1/27/2017	Pesticide	Diazinon	n/a	=	7	%	EPA 525.2	-88	-88	0	30	
2016/17-5	Lab	method blank	1/30/2017	Pesticide	Diazinon	n/a	<	0.096	µg/L	EPA 525.2	0.096	0.1			
2016/17-5	Lab	LCS	1/30/2017	Pesticide	Diazinon	n/a	=	4.6	µg/L	EPA 525.2	0.096	0.1			
2016/17-5	Lab	LCS, rec	1/30/2017	Pesticide	Diazinon	n/a	=	92	%	EPA 525.2	-88	-88	30	120	
2016/17-5	Lab	LCS dup	1/30/2017	Pesticide	Diazinon	n/a	=	4.96	µg/L	EPA 525.2	0.096	0.1			
2016/17-5	Lab	LCS dup, rec	1/30/2017	Pesticide	Diazinon	n/a	=	99	%	EPA 525.2	-88	-88	30	120	
2016/17-5	Lab	LCS, RPD	1/30/2017	Pesticide	Diazinon	n/a	=	8	%	EPA 525.2	-88	-88	0	30	
2016/17-5	Lab	method blank	2/6/2017	Pesticide	Diazinon	n/a	<	0.0052	µg/L	EPA 525.2m	0.0052	0.01			
2016/17-5	Lab	LCS	2/6/2017	Pesticide	Diazinon	n/a	=	0.0416	µg/L	EPA 525.2m	0.0052	0.01			
2016/17-5	Lab	LCS, rec	2/6/2017	Pesticide	Diazinon	n/a	=	83	%	EPA 525.2m	-88	-88	43	152	
2016/17-5	MO-HUE	matrix spike	2/6/2017	Pesticide	Diazinon	n/a	=	0.0752	µg/L	EPA 525.2m	0.0052	0.01			
2016/17-5	MO-HUE	matrix spike, rec	2/6/2017	Pesticide	Diazinon	n/a	=	150	%	EPA 525.2m	-88	-88	36	153	
2016/17-5	MO-HUE	matrix spike dup	2/6/2017	Pesticide	Diazinon	n/a	=	0.086	µg/L	EPA 525.2m	0.0052	0.01			
2016/17-5	MO-HUE	matrix spike dup, rec	2/6/2017	Pesticide	Diazinon	n/a	=	172	%	EPA 525.2m	-88	-88	36	153	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	
2016/17-5	MO-HUE	matrix spike, RPD	2/6/2017	Pesticide	Diazinon	n/a	=	13	%	EPA 525.2m	-88	-88	0	30	GB
2016/17-5	000NONPJ	matrix spike	1/23/2017	Pesticide	Dicamba	n/a	=	8.63	µg/L	EPA 515.3	0.12	0.6			
2016/17-5	000NONPJ	matrix spike, rec	1/23/2017	Pesticide	Dicamba	n/a	=	108	%	EPA 515.3	-88	-88	70	130	
2016/17-5	000NONPJ	matrix spike dup	1/23/2017	Pesticide	Dicamba	n/a	=	8.68	µg/L	EPA 515.3	0.12	0.6			
2016/17-5	000NONPJ	matrix spike dup, rec	1/23/2017	Pesticide	Dicamba	n/a	=	109	%	EPA 515.3	-88	-88	70	130	
2016/17-5	000NONPJ	matrix spike, RPD	1/23/2017	Pesticide	Dicamba	n/a	=	0.7	%	EPA 515.3	-88	-88	0	30	
2016/17-5	000NONPJ	matrix spike	1/23/2017	Pesticide	Dicamba	n/a	=	8.7	µg/L	EPA 515.3	0.12	0.6			
2016/17-5	000NONPJ	matrix spike, rec	1/23/2017	Pesticide	Dicamba	n/a	=	109	%	EPA 515.3	-88	-88	70	130	
2016/17-5	000NONPJ	matrix spike dup	1/23/2017	Pesticide	Dicamba	n/a	=	8.76	µg/L	EPA 515.3	0.12	0.6			
2016/17-5	000NONPJ	matrix spike dup, rec	1/23/2017	Pesticide	Dicamba	n/a	=	110	%	EPA 515.3	-88	-88	70	130	
2016/17-5	000NONPJ	matrix spike, RPD	1/23/2017	Pesticide	Dicamba	n/a	=	0.8	%	EPA 515.3	-88	-88	0	30	
2016/17-5	Lab	method blank	1/23/2017	Pesticide	Dicamba	n/a	<	0.12	µg/L	EPA 515.3	0.12	0.6			
2016/17-5	Lab	LCS	1/23/2017	Pesticide	Dicamba	n/a	=	8.43	µg/L	EPA 515.3	0.12	0.6			
2016/17-5	Lab	LCS, rec	1/23/2017	Pesticide	Dicamba	n/a	=	105	%	EPA 515.3	-88	-88	70	130	
2016/17-5	000NONPJ	matrix spike	1/23/2017	Pesticide	Dichlorprop	n/a	=	9.47	µg/L	EPA 515.3	0.08	0.3			
2016/17-5	000NONPJ	matrix spike, rec	1/23/2017	Pesticide	Dichlorprop	n/a	=	118	%	EPA 515.3	-88	-88	70	130	
2016/17-5	000NONPJ	matrix spike dup	1/23/2017	Pesticide	Dichlorprop	n/a	=	9.01	µg/L	EPA 515.3	0.08	0.3			
2016/17-5	000NONPJ	matrix spike dup, rec	1/23/2017	Pesticide	Dichlorprop	n/a	=	113	%	EPA 515.3	-88	-88	70	130	
2016/17-5	000NONPJ	matrix spike, RPD	1/23/2017	Pesticide	Dichlorprop	n/a	=	5	%	EPA 515.3	-88	-88	0	30	
2016/17-5	000NONPJ	matrix spike	1/23/2017	Pesticide	Dichlorprop	n/a	=	9.17	µg/L	EPA 515.3	0.08	0.3			
2016/17-5	000NONPJ	matrix spike, rec	1/23/2017	Pesticide	Dichlorprop	n/a	=	115	%	EPA 515.3	-88	-88	70	130	
2016/17-5	000NONPJ	matrix spike dup	1/23/2017	Pesticide	Dichlorprop	n/a	=	8.75	µg/L	EPA 515.3	0.08	0.3			
2016/17-5	000NONPJ	matrix spike dup, rec	1/23/2017	Pesticide	Dichlorprop	n/a	=	109	%	EPA 515.3	-88	-88	70	130	
2016/17-5	000NONPJ	matrix spike, RPD	1/23/2017	Pesticide	Dichlorprop	n/a	=	5	%	EPA 515.3	-88	-88	0	30	
2016/17-5	Lab	method blank	1/23/2017	Pesticide	Dichlorprop	n/a	<	0.08	µg/L	EPA 515.3	0.08	0.3			
2016/17-5	Lab	LCS	1/23/2017	Pesticide	Dichlorprop	n/a	=	8.4	µg/L	EPA 515.3	0.08	0.3			
2016/17-5	Lab	LCS, rec	1/23/2017	Pesticide	Dichlorprop	n/a	=	105	%	EPA 515.3	-88	-88	70	130	
2016/17-5	Lab	method blank	2/6/2017	Pesticide	Dichlorvos	n/a	<	0.0029	µg/L	EPA 525.2m	0.0029	0.01			
2016/17-5	Lab	LCS	2/6/2017	Pesticide	Dichlorvos	n/a	=	0.0515	µg/L	EPA 525.2m	0.0029	0.01			
2016/17-5	Lab	LCS, rec	2/6/2017	Pesticide	Dichlorvos	n/a	=	103	%	EPA 525.2m	-88	-88	46	133	
2016/17-5	MO-HUE	matrix spike	2/6/2017	Pesticide	Dichlorvos	n/a	=	0.0659	µg/L	EPA 525.2m	0.0029	0.01			
2016/17-5	MO-HUE	matrix spike, rec	2/6/2017	Pesticide	Dichlorvos	n/a	=	132	%	EPA 525.2m	-88	-88	42	137	
2016/17-5	MO-HUE	matrix spike dup	2/6/2017	Pesticide	Dichlorvos	n/a	=	0.0686	µg/L	EPA 525.2m	0.0029	0.01			
2016/17-5	MO-HUE	matrix spike dup, rec	2/6/2017	Pesticide	Dichlorvos	n/a	=	137	%	EPA 525.2m	-88	-88	42	137	
2016/17-5	MO-HUE	matrix spike, RPD	2/6/2017	Pesticide	Dichlorvos	n/a	=	4	%	EPA 525.2m	-88	-88	0	30	
2016/17-5	Lab	method blank	1/31/2017	Pesticide	Dieldrin	n/a	<	0.0021	µg/L	EPA 608	0.0021	0.01			
2016/17-5	Lab	LCS	1/31/2017	Pesticide	Dieldrin	n/a	=	0.0895	µg/L	EPA 608	0.0021	0.01			
2016/17-5	Lab	LCS, rec	1/31/2017	Pesticide	Dieldrin	n/a	=	89	%	EPA 608	-88	-88	48	123	
2016/17-5	Lab	LCS dup	1/31/2017	Pesticide	Dieldrin	n/a	=	0.103	µg/L	EPA 608	0.0021	0.01			
2016/17-5	Lab	LCS dup, rec	1/31/2017	Pesticide	Dieldrin	n/a	=	103	%	EPA 608	-88	-88	48	123	
2016/17-5	Lab	LCS, RPD	1/31/2017	Pesticide	Dieldrin	n/a	=	14	%	EPA 608	-88	-88	0	30	
2016/17-5	Lab	method blank	2/13/2017	Pesticide	Dieldrin	n/a	<	0.0021	µg/L	EPA 608	0.0021	0.01			
2016/17-5	Lab	LCS	2/13/2017	Pesticide	Dieldrin	n/a	=	0.087	µg/L	EPA 608	0.0021	0.01			
2016/17-5	Lab	LCS, rec	2/13/2017	Pesticide	Dieldrin	n/a	=	87	%	EPA 608	-88	-88	48	123	
2016/17-5	Lab	LCS dup	2/13/2017	Pesticide	Dieldrin	n/a	=	0.0859	µg/L	EPA 608	0.0021	0.01			
2016/17-5	Lab	LCS dup, rec	2/13/2017	Pesticide	Dieldrin	n/a	=	86	%	EPA 608	-88	-88	48	123	
2016/17-5	Lab	LCS, RPD	2/13/2017	Pesticide	Dieldrin	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	
2016/17-5	Lab	method blank	1/27/2017	Pesticide	Dimethoate	n/a	<	0.024	µg/L	EPA 525.2	0.024	0.2			
2016/17-5	Lab	LCS	1/27/2017	Pesticide	Dimethoate	n/a	=	3.89	µg/L	EPA 525.2	0.024	0.2			
2016/17-5	Lab	LCS, rec	1/27/2017	Pesticide	Dimethoate	n/a	=	78	%	EPA 525.2	-88	-88	38	102	
2016/17-5	Lab	LCS dup	1/27/2017	Pesticide	Dimethoate	n/a	=	2.96	µg/L	EPA 525.2	0.024	0.2			
2016/17-5	Lab	LCS dup, rec	1/27/2017	Pesticide	Dimethoate	n/a	=	59	%	EPA 525.2	-88	-88	38	102	
2016/17-5	Lab	LCS, RPD	1/27/2017	Pesticide	Dimethoate	n/a	=	27	%	EPA 525.2	-88	-88	0	30	
2016/17-5	Lab	method blank	1/30/2017	Pesticide	Dimethoate	n/a	<	0.024	µg/L	EPA 525.2	0.024	0.2			
2016/17-5	Lab	LCS	1/30/2017	Pesticide	Dimethoate	n/a	=	4.29	µg/L	EPA 525.2	0.024	0.2			IL
2016/17-5	Lab	LCS, rec	1/30/2017	Pesticide	Dimethoate	n/a	=	86	%	EPA 525.2	-88	-88	38	102	IL
2016/17-5	Lab	LCS dup	1/30/2017	Pesticide	Dimethoate	n/a	=	3.11	µg/L	EPA 525.2	0.024	0.2			IL
2016/17-5	Lab	LCS dup, rec	1/30/2017	Pesticide	Dimethoate	n/a	=	62	%	EPA 525.2	-88	-88	38	102	IL
2016/17-5	Lab	LCS, RPD	1/30/2017	Pesticide	Dimethoate	n/a	=	32	%	EPA 525.2	-88	-88	0	30	IL
2016/17-5	Lab	method blank	2/6/2017	Pesticide	Dimethoate	n/a	<	0.0062	µg/L	EPA 525.2m	0.0062	0.01			
2016/17-5	Lab	LCS	2/6/2017	Pesticide	Dimethoate	n/a	=	0.0366	µg/L	EPA 525.2m	0.0062	0.01			
2016/17-5	Lab	LCS, rec	2/6/2017	Pesticide	Dimethoate	n/a	=	73	%	EPA 525.2m	-88	-88	10	234	
2016/17-5	MO-HUE	matrix spike	2/6/2017	Pesticide	Dimethoate	n/a	=	0.101	µg/L	EPA 525.2m	0.0062	0.01			
2016/17-5	MO-HUE	matrix spike, rec	2/6/2017	Pesticide	Dimethoate	n/a	=	201	%	EPA 525.2m	-88	-88	4	222	
2016/17-5	MO-HUE	matrix spike dup	2/6/2017	Pesticide	Dimethoate	n/a	=	0.125	µg/L	EPA 525.2m	0.0062	0.01			GB
2016/17-5	MO-HUE	matrix spike dup, rec	2/6/2017	Pesticide	Dimethoate	n/a	=	250	%	EPA 525.2m	-88	-88	4	222	GB
2016/17-5	MO-HUE	matrix spike, RPD	2/6/2017	Pesticide	Dimethoate	n/a	=	22	%	EPA 525.2m	-88	-88	0	30	GB
2016/17-5	000NONPJ	matrix spike	1/23/2017	Pesticide	Dinoseb	n/a	=	4.46	µg/L	EPA 515.3	0.14	0.4			
2016/17-5	000NONPJ	matrix spike, rec	1/23/2017	Pesticide	Dinoseb	n/a	=	111	%	EPA 515.3	-88	-88	70	130	
2016/17-5	000NONPJ	matrix spike dup	1/23/2017	Pesticide	Dinoseb	n/a	=	4.49	µg/L	EPA 515.3	0.14	0.4			
2016/17-5	000NONPJ	matrix spike dup, rec	1/23/2017	Pesticide	Dinoseb	n/a	=	112	%	EPA 515.3	-88	-88	70	130	
2016/17-5	000NONPJ	matrix spike, RPD	1/23/2017	Pesticide	Dinoseb	n/a	=	0.7	%	EPA 515.3	-88	-88	0	30	
2016/17-5	000NONPJ	matrix spike	1/23/2017	Pesticide	Dinoseb	n/a	=	4.58	µg/L	EPA 515.3	0.14	0.4			
2016/17-5	000NONPJ	matrix spike, rec	1/23/2017	Pesticide	Dinoseb	n/a	=	114	%	EPA 515.3	-88	-88	70	130	
2016/17-5	000NONPJ	matrix spike dup	1/23/2017	Pesticide	Dinoseb	n/a	=	4.59	µg/L	EPA 515.3	0.14	0.4			
2016/17-5	000NONPJ	matrix spike dup, rec	1/23/2017	Pesticide	Dinoseb	n/a	=	115	%	EPA 515.3	-88	-88	70	130	
2016/17-5	000NONPJ	matrix spike, RPD	1/23/2017	Pesticide	Dinoseb	n/a	=	0.2	%	EPA 515.3	-88	-88	0	30	
2016/17-5	Lab	method blank	1/23/2017	Pesticide	Dinoseb	n/a	<	0.14	µg/L	EPA 515.3	0.14	0.4			
2016/17-5	Lab	LCS	1/23/2017	Pesticide	Dinoseb	n/a	=	4.4	µg/L	EPA 515.3	0.14	0.4			
2016/17-5	Lab	LCS, rec	1/23/2017	Pesticide	Dinoseb	n/a	=	110	%	EPA 515.3	-88	-88	70	130	
2016/17-5	Lab	method blank	1/27/2017	Pesticide	Diphenamid	n/a	<	0.024	µg/L	EPA 525.2	0.024	0.1			
2016/17-5	Lab	LCS	1/27/2017	Pesticide	Diphenamid	n/a	=	4.85	µg/L	EPA 525.2	0.024	0.1			
2016/17-5	Lab	LCS, rec	1/27/2017	Pesticide	Diphenamid	n/a	=	97	%	EPA 525.2	-88	-88	77	124	
2016/17-5	Lab	LCS dup	1/27/2017	Pesticide	Diphenamid	n/a	=	4.91	µg/L	EPA 525.2	0.024	0.1			
2016/17-5	Lab	LCS dup, rec	1/27/2017	Pesticide	Diphenamid	n/a	=	98	%	EPA 525.2	-88	-88	77	124	
2016/17-5	Lab	LCS, RPD	1/27/2017	Pesticide	Diphenamid	n/a	=	1	%	EPA 525.2	-88	-88	0	30	
2016/17-5	Lab	method blank	1/30/2017	Pesticide	Diphenamid	n/a	<	0.024	µg/L	EPA 525.2	0.024	0.1			
2016/17-5	Lab	LCS	1/30/2017	Pesticide	Diphenamid	n/a	=	5.39	µg/L	EPA 525.2	0.024	0.1			
2016/17-5	Lab	LCS, rec	1/30/2017	Pesticide	Diphenamid	n/a	=	108	%	EPA 525.2	-88	-88	77	124	
2016/17-5	Lab	LCS dup	1/30/2017	Pesticide	Diphenamid	n/a	=	5.45	µg/L	EPA 525.2	0.024	0.1			
2016/17-5	Lab	LCS dup, rec	1/30/2017	Pesticide	Diphenamid	n/a	=	109	%	EPA 525.2	-88	-88	77	124	
2016/17-5	Lab	LCS, RPD	1/30/2017	Pesticide	Diphenamid	n/a	=	1	%	EPA 525.2	-88	-88	0	30	
2016/17-5	Lab	method blank	1/27/2017	Pesticide	Disulfoton	n/a	<	0.031	µg/L	EPA 525.2	0.031	0.1			
2016/17-5	Lab	LCS	1/27/2017	Pesticide	Disulfoton	n/a	=	4.11	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	
2016/17-5	Lab	LCS, rec	1/27/2017	Pesticide	Disulfoton	n/a	=	82	%	EPA 525.2	-88	-88	54	156	
2016/17-5	Lab	LCS dup	1/27/2017	Pesticide	Disulfoton	n/a	=	3.96	µg/L	EPA 525.2	0.031	0.1			
2016/17-5	Lab	LCS dup, rec	1/27/2017	Pesticide	Disulfoton	n/a	=	79	%	EPA 525.2	-88	-88	54	156	
2016/17-5	Lab	LCS, RPD	1/27/2017	Pesticide	Disulfoton	n/a	=	4	%	EPA 525.2	-88	-88	0	30	
2016/17-5	Lab	method blank	1/30/2017	Pesticide	Disulfoton	n/a	<	0.031	µg/L	EPA 525.2	0.031	0.1			
2016/17-5	Lab	LCS	1/30/2017	Pesticide	Disulfoton	n/a	=	3.89	µg/L	EPA 525.2	0.031	0.1			
2016/17-5	Lab	LCS, rec	1/30/2017	Pesticide	Disulfoton	n/a	=	78	%	EPA 525.2	-88	-88	54	156	
2016/17-5	Lab	LCS dup	1/30/2017	Pesticide	Disulfoton	n/a	=	3.62	µg/L	EPA 525.2	0.031	0.1			
2016/17-5	Lab	LCS dup, rec	1/30/2017	Pesticide	Disulfoton	n/a	=	72	%	EPA 525.2	-88	-88	54	156	
2016/17-5	Lab	LCS, RPD	1/30/2017	Pesticide	Disulfoton	n/a	=	7	%	EPA 525.2	-88	-88	0	30	
2016/17-5	Lab	method blank	2/6/2017	Pesticide	Disulfoton	n/a	<	0.01	µg/L	EPA 525.2m	0.01	0.01			
2016/17-5	Lab	LCS	2/6/2017	Pesticide	Disulfoton	n/a	=	0.0375	µg/L	EPA 525.2m	0.01	0.01			
2016/17-5	Lab	LCS, rec	2/6/2017	Pesticide	Disulfoton	n/a	=	75	%	EPA 525.2m	-88	-88	0.1	212	
2016/17-5	MO-HUE	matrix spike	2/6/2017	Pesticide	Disulfoton	n/a	=	0.0361	µg/L	EPA 525.2m	0.01	0.01			
2016/17-5	MO-HUE	matrix spike, rec	2/6/2017	Pesticide	Disulfoton	n/a	=	72	%	EPA 525.2m	-88	-88	12	199	
2016/17-5	MO-HUE	matrix spike dup	2/6/2017	Pesticide	Disulfoton	n/a	=	0.0487	µg/L	EPA 525.2m	0.01	0.01			
2016/17-5	MO-HUE	matrix spike dup, rec	2/6/2017	Pesticide	Disulfoton	n/a	=	97	%	EPA 525.2m	-88	-88	12	199	
2016/17-5	MO-HUE	matrix spike, RPD	2/6/2017	Pesticide	Disulfoton	n/a	=	30	%	EPA 525.2m	-88	-88	0	30	
2016/17-5	Lab	method blank	1/31/2017	Pesticide	Endosulfan I	n/a	<	0.0017	µg/L	EPA 608	0.0017	0.02			
2016/17-5	Lab	LCS	1/31/2017	Pesticide	Endosulfan I	n/a	=	0.0815	µg/L	EPA 608	0.0017	0.02			
2016/17-5	Lab	LCS, rec	1/31/2017	Pesticide	Endosulfan I	n/a	=	82	%	EPA 608	-88	-88	14	131	
2016/17-5	Lab	LCS dup	1/31/2017	Pesticide	Endosulfan I	n/a	=	0.0961	µg/L	EPA 608	0.0017	0.02			
2016/17-5	Lab	LCS dup, rec	1/31/2017	Pesticide	Endosulfan I	n/a	=	96	%	EPA 608	-88	-88	14	131	
2016/17-5	Lab	LCS, RPD	1/31/2017	Pesticide	Endosulfan I	n/a	=	16	%	EPA 608	-88	-88	0	30	
2016/17-5	Lab	method blank	2/13/2017	Pesticide	Endosulfan I	n/a	<	0.0017	µg/L	EPA 608	0.0017	0.02			
2016/17-5	Lab	LCS	2/13/2017	Pesticide	Endosulfan I	n/a	=	0.0808	µg/L	EPA 608	0.0017	0.02			
2016/17-5	Lab	LCS, rec	2/13/2017	Pesticide	Endosulfan I	n/a	=	81	%	EPA 608	-88	-88	14	131	
2016/17-5	Lab	LCS dup	2/13/2017	Pesticide	Endosulfan I	n/a	=	0.0787	µg/L	EPA 608	0.0017	0.02			
2016/17-5	Lab	LCS dup, rec	2/13/2017	Pesticide	Endosulfan I	n/a	=	79	%	EPA 608	-88	-88	14	131	
2016/17-5	Lab	LCS, RPD	2/13/2017	Pesticide	Endosulfan I	n/a	=	3	%	EPA 608	-88	-88	0	30	
2016/17-5	Lab	method blank	1/31/2017	Pesticide	Endosulfan II	n/a	<	0.0019	µg/L	EPA 608	0.0019	0.01			
2016/17-5	Lab	LCS	1/31/2017	Pesticide	Endosulfan II	n/a	=	0.0891	µg/L	EPA 608	0.0019	0.01			
2016/17-5	Lab	LCS, rec	1/31/2017	Pesticide	Endosulfan II	n/a	=	89	%	EPA 608	-88	-88	40	121	
2016/17-5	Lab	LCS dup	1/31/2017	Pesticide	Endosulfan II	n/a	=	0.0994	µg/L	EPA 608	0.0019	0.01			
2016/17-5	Lab	LCS dup, rec	1/31/2017	Pesticide	Endosulfan II	n/a	=	99	%	EPA 608	-88	-88	40	121	
2016/17-5	Lab	LCS, RPD	1/31/2017	Pesticide	Endosulfan II	n/a	=	11	%	EPA 608	-88	-88	0	30	
2016/17-5	Lab	method blank	2/13/2017	Pesticide	Endosulfan II	n/a	<	0.0019	µg/L	EPA 608	0.0019	0.01			
2016/17-5	Lab	LCS	2/13/2017	Pesticide	Endosulfan II	n/a	=	0.0866	µg/L	EPA 608	0.0019	0.01			
2016/17-5	Lab	LCS, rec	2/13/2017	Pesticide	Endosulfan II	n/a	=	87	%	EPA 608	-88	-88	40	121	
2016/17-5	Lab	LCS dup	2/13/2017	Pesticide	Endosulfan II	n/a	=	0.0833	µg/L	EPA 608	0.0019	0.01			
2016/17-5	Lab	LCS dup, rec	2/13/2017	Pesticide	Endosulfan II	n/a	=	83	%	EPA 608	-88	-88	40	121	
2016/17-5	Lab	LCS, RPD	2/13/2017	Pesticide	Endosulfan II	n/a	=	4	%	EPA 608	-88	-88	0	30	
2016/17-5	Lab	method blank	1/31/2017	Pesticide	Endosulfan sulfate	n/a	<	0.008	µg/L	EPA 608	0.008	0.05			
2016/17-5	Lab	LCS	1/31/2017	Pesticide	Endosulfan sulfate	n/a	=	0.0853	µg/L	EPA 608	0.008	0.05			
2016/17-5	Lab	LCS, rec	1/31/2017	Pesticide	Endosulfan sulfate	n/a	=	85	%	EPA 608	-88	-88	44	140	
2016/17-5	Lab	LCS dup	1/31/2017	Pesticide	Endosulfan sulfate	n/a	=	0.0992	µg/L	EPA 608	0.008	0.05			
2016/17-5	Lab	LCS dup, rec	1/31/2017	Pesticide	Endosulfan sulfate	n/a	=	99	%	EPA 608	-88	-88	44	140	

Appendix F
Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2016/17-5	Lab	LCS, RPD	1/31/2017	Pesticide	Endosulfan sulfate	n/a	=	15	%	EPA 608	-88	-88	0	30	
2016/17-5	Lab	method blank	2/13/2017	Pesticide	Endosulfan sulfate	n/a	<	0.008	µg/L	EPA 608	0.008	0.05			
2016/17-5	Lab	LCS	2/13/2017	Pesticide	Endosulfan sulfate	n/a	=	0.0849	µg/L	EPA 608	0.008	0.05			
2016/17-5	Lab	LCS, rec	2/13/2017	Pesticide	Endosulfan sulfate	n/a	=	85	%	EPA 608	-88	-88	44	140	
2016/17-5	Lab	LCS dup	2/13/2017	Pesticide	Endosulfan sulfate	n/a	=	0.0835	µg/L	EPA 608	0.008	0.05			
2016/17-5	Lab	LCS dup, rec	2/13/2017	Pesticide	Endosulfan sulfate	n/a	=	83	%	EPA 608	-88	-88	44	140	
2016/17-5	Lab	LCS, RPD	2/13/2017	Pesticide	Endosulfan sulfate	n/a	=	2	%	EPA 608	-88	-88	0	30	
2016/17-5	Lab	method blank	1/31/2017	Pesticide	Endrin	n/a	<	0.0028	µg/L	EPA 608	0.0028	0.01			
2016/17-5	Lab	LCS	1/31/2017	Pesticide	Endrin	n/a	=	0.0946	µg/L	EPA 608	0.0028	0.01			
2016/17-5	Lab	LCS, rec	1/31/2017	Pesticide	Endrin	n/a	=	95	%	EPA 608	-88	-88	40	143	
2016/17-5	Lab	LCS dup	1/31/2017	Pesticide	Endrin	n/a	=	0.107	µg/L	EPA 608	0.0028	0.01			
2016/17-5	Lab	LCS dup, rec	1/31/2017	Pesticide	Endrin	n/a	=	107	%	EPA 608	-88	-88	40	143	
2016/17-5	Lab	LCS, RPD	1/31/2017	Pesticide	Endrin	n/a	=	12	%	EPA 608	-88	-88	0	30	
2016/17-5	Lab	method blank	2/13/2017	Pesticide	Endrin	n/a	<	0.0028	µg/L	EPA 608	0.0028	0.01			
2016/17-5	Lab	LCS	2/13/2017	Pesticide	Endrin	n/a	=	0.0813	µg/L	EPA 608	0.0028	0.01			
2016/17-5	Lab	LCS, rec	2/13/2017	Pesticide	Endrin	n/a	=	81	%	EPA 608	-88	-88	40	143	
2016/17-5	Lab	LCS dup	2/13/2017	Pesticide	Endrin	n/a	=	0.0797	µg/L	EPA 608	0.0028	0.01			
2016/17-5	Lab	LCS dup, rec	2/13/2017	Pesticide	Endrin	n/a	=	80	%	EPA 608	-88	-88	40	143	
2016/17-5	Lab	LCS, RPD	2/13/2017	Pesticide	Endrin	n/a	=	2	%	EPA 608	-88	-88	0	30	
2016/17-5	Lab	method blank	1/31/2017	Pesticide	Endrin aldehyde	n/a	<	0.003	µg/L	EPA 608	0.003	0.01			
2016/17-5	Lab	LCS	1/31/2017	Pesticide	Endrin aldehyde	n/a	=	0.0711	µg/L	EPA 608	0.003	0.01			
2016/17-5	Lab	LCS, rec	1/31/2017	Pesticide	Endrin aldehyde	n/a	=	71	%	EPA 608	-88	-88	18	136	
2016/17-5	Lab	LCS dup	1/31/2017	Pesticide	Endrin aldehyde	n/a	=	0.0872	µg/L	EPA 608	0.003	0.01			
2016/17-5	Lab	LCS dup, rec	1/31/2017	Pesticide	Endrin aldehyde	n/a	=	87	%	EPA 608	-88	-88	18	136	
2016/17-5	Lab	LCS, RPD	1/31/2017	Pesticide	Endrin aldehyde	n/a	=	20	%	EPA 608	-88	-88	0	30	
2016/17-5	Lab	method blank	2/13/2017	Pesticide	Endrin aldehyde	n/a	<	0.003	µg/L	EPA 608	0.003	0.01			
2016/17-5	Lab	LCS	2/13/2017	Pesticide	Endrin aldehyde	n/a	=	0.0656	µg/L	EPA 608	0.003	0.01			
2016/17-5	Lab	LCS, rec	2/13/2017	Pesticide	Endrin aldehyde	n/a	=	66	%	EPA 608	-88	-88	18	136	
2016/17-5	Lab	LCS dup	2/13/2017	Pesticide	Endrin aldehyde	n/a	=	0.0753	µg/L	EPA 608	0.003	0.01			
2016/17-5	Lab	LCS dup, rec	2/13/2017	Pesticide	Endrin aldehyde	n/a	=	75	%	EPA 608	-88	-88	18	136	
2016/17-5	Lab	LCS, RPD	2/13/2017	Pesticide	Endrin aldehyde	n/a	=	14	%	EPA 608	-88	-88	0	30	
2016/17-5	Lab	method blank	1/27/2017	Pesticide	EPTC	n/a	<	0.017	µg/L	EPA 525.2	0.017	1			
2016/17-5	Lab	LCS	1/27/2017	Pesticide	EPTC	n/a	=	5.05	µg/L	EPA 525.2	0.017	1			
2016/17-5	Lab	LCS, rec	1/27/2017	Pesticide	EPTC	n/a	=	101	%	EPA 525.2	-88	-88	82	116	
2016/17-5	Lab	LCS dup	1/27/2017	Pesticide	EPTC	n/a	=	5.13	µg/L	EPA 525.2	0.017	1			
2016/17-5	Lab	LCS dup, rec	1/27/2017	Pesticide	EPTC	n/a	=	103	%	EPA 525.2	-88	-88	82	116	
2016/17-5	Lab	LCS, RPD	1/27/2017	Pesticide	EPTC	n/a	=	2	%	EPA 525.2	-88	-88	0	30	
2016/17-5	Lab	method blank	1/30/2017	Pesticide	EPTC	n/a	<	0.017	µg/L	EPA 525.2	0.017	1			
2016/17-5	Lab	LCS	1/30/2017	Pesticide	EPTC	n/a	=	5.15	µg/L	EPA 525.2	0.017	1			
2016/17-5	Lab	LCS, rec	1/30/2017	Pesticide	EPTC	n/a	=	103	%	EPA 525.2	-88	-88	82	116	
2016/17-5	Lab	LCS dup	1/30/2017	Pesticide	EPTC	n/a	=	5.14	µg/L	EPA 525.2	0.017	1			
2016/17-5	Lab	LCS dup, rec	1/30/2017	Pesticide	EPTC	n/a	=	103	%	EPA 525.2	-88	-88	82	116	
2016/17-5	Lab	LCS, RPD	1/30/2017	Pesticide	EPTC	n/a	=	0.1	%	EPA 525.2	-88	-88	0	30	
2016/17-5	Lab	method blank	2/6/2017	Pesticide	Ethoprop	n/a	<	0.0067	µg/L	EPA 525.2m	0.0067	0.01			
2016/17-5	Lab	LCS	2/6/2017	Pesticide	Ethoprop	n/a	=	0.0484	µg/L	EPA 525.2m	0.0067	0.01			
2016/17-5	Lab	LCS, rec	2/6/2017	Pesticide	Ethoprop	n/a	=	97	%	EPA 525.2m	-88	-88	53	163	
2016/17-5	MO-HUE	matrix spike	2/6/2017	Pesticide	Ethoprop	n/a	=	0.0754	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	
2016/17-5	MO-HUE	matrix spike, rec	2/6/2017	Pesticide	Ethoprop	n/a	=	151	%	EPA 525.2m	-88	-88	51	167	
2016/17-5	MO-HUE	matrix spike dup	2/6/2017	Pesticide	Ethoprop	n/a	=	0.0999	µg/L	EPA 525.2m	0.0067	0.01			GB
2016/17-5	MO-HUE	matrix spike dup, rec	2/6/2017	Pesticide	Ethoprop	n/a	=	200	%	EPA 525.2m	-88	-88	51	167	GB
2016/17-5	MO-HUE	matrix spike, RPD	2/6/2017	Pesticide	Ethoprop	n/a	=	28	%	EPA 525.2m	-88	-88	0	30	GB
2016/17-5	Lab	method blank	2/6/2017	Pesticide	Ethyl parathion	n/a	<	0.0054	µg/L	EPA 525.2m	0.0054	0.01			
2016/17-5	Lab	LCS	2/6/2017	Pesticide	Ethyl parathion	n/a	=	0.077	µg/L	EPA 525.2m	0.0054	0.01			
2016/17-5	Lab	LCS, rec	2/6/2017	Pesticide	Ethyl parathion	n/a	=	154	%	EPA 525.2m	-88	-88	7	230	
2016/17-5	MO-HUE	matrix spike	2/6/2017	Pesticide	Ethyl parathion	n/a	=	0.129	µg/L	EPA 525.2m	0.0054	0.01			GB,IL
2016/17-5	MO-HUE	matrix spike, rec	2/6/2017	Pesticide	Ethyl parathion	n/a	=	257	%	EPA 525.2m	-88	-88	5	229	GB,IL
2016/17-5	MO-HUE	matrix spike dup	2/6/2017	Pesticide	Ethyl parathion	n/a	=	0.189	µg/L	EPA 525.2m	0.0054	0.01			GB,IL
2016/17-5	MO-HUE	matrix spike dup, rec	2/6/2017	Pesticide	Ethyl parathion	n/a	=	379	%	EPA 525.2m	-88	-88	5	229	GB,IL
2016/17-5	MO-HUE	matrix spike, RPD	2/6/2017	Pesticide	Ethyl parathion	n/a	=	38	%	EPA 525.2m	-88	-88	0	30	GB,IL
2016/17-5	Lab	method blank	2/6/2017	Pesticide	Fensulfothion	n/a	<	0.0029	µg/L	EPA 525.2m	0.0029	0.01			
2016/17-5	Lab	LCS	2/6/2017	Pesticide	Fensulfothion	n/a	=	0.0499	µg/L	EPA 525.2m	0.0029	0.01			
2016/17-5	Lab	LCS, rec	2/6/2017	Pesticide	Fensulfothion	n/a	=	100	%	EPA 525.2m	-88	-88	0.1	265	
2016/17-5	MO-HUE	matrix spike	2/6/2017	Pesticide	Fensulfothion	n/a	=	0.064	µg/L	EPA 525.2m	0.0029	0.01			
2016/17-5	MO-HUE	matrix spike, rec	2/6/2017	Pesticide	Fensulfothion	n/a	=	128	%	EPA 525.2m	-88	-88	0.1	316	
2016/17-5	MO-HUE	matrix spike dup	2/6/2017	Pesticide	Fensulfothion	n/a	=	0.0567	µg/L	EPA 525.2m	0.0029	0.01			
2016/17-5	MO-HUE	matrix spike dup, rec	2/6/2017	Pesticide	Fensulfothion	n/a	=	113	%	EPA 525.2m	-88	-88	0.1	316	
2016/17-5	MO-HUE	matrix spike, RPD	2/6/2017	Pesticide	Fensulfothion	n/a	=	12	%	EPA 525.2m	-88	-88	0	30	
2016/17-5	Lab	method blank	2/6/2017	Pesticide	Fenthion	n/a	<	0.0038	µg/L	EPA 525.2m	0.0038	0.01			
2016/17-5	Lab	LCS	2/6/2017	Pesticide	Fenthion	n/a	=	0.0444	µg/L	EPA 525.2m	0.0038	0.01			
2016/17-5	Lab	LCS, rec	2/6/2017	Pesticide	Fenthion	n/a	=	89	%	EPA 525.2m	-88	-88	20	177	
2016/17-5	MO-HUE	matrix spike	2/6/2017	Pesticide	Fenthion	n/a	=	0.0659	µg/L	EPA 525.2m	0.0038	0.01			IL
2016/17-5	MO-HUE	matrix spike, rec	2/6/2017	Pesticide	Fenthion	n/a	=	132	%	EPA 525.2m	-88	-88	23	169	IL
2016/17-5	MO-HUE	matrix spike dup	2/6/2017	Pesticide	Fenthion	n/a	=	0.0905	µg/L	EPA 525.2m	0.0038	0.01			GB,IL
2016/17-5	MO-HUE	matrix spike dup, rec	2/6/2017	Pesticide	Fenthion	n/a	=	181	%	EPA 525.2m	-88	-88	23	169	GB,IL
2016/17-5	MO-HUE	matrix spike, RPD	2/6/2017	Pesticide	Fenthion	n/a	=	31	%	EPA 525.2m	-88	-88	0	30	GB,IL
2016/17-5	Lab	method blank	1/31/2017	Pesticide	gamma-BHC (Lindane)	n/a	<	0.0021	µg/L	EPA 608	0.0021	0.02			
2016/17-5	Lab	LCS	1/31/2017	Pesticide	gamma-BHC (Lindane)	n/a	=	0.0806	µg/L	EPA 608	0.0021	0.02			
2016/17-5	Lab	LCS, rec	1/31/2017	Pesticide	gamma-BHC (Lindane)	n/a	=	81	%	EPA 608	-88	-88	49	117	
2016/17-5	Lab	LCS dup	1/31/2017	Pesticide	gamma-BHC (Lindane)	n/a	=	0.0973	µg/L	EPA 608	0.0021	0.02			
2016/17-5	Lab	LCS dup, rec	1/31/2017	Pesticide	gamma-BHC (Lindane)	n/a	=	97	%	EPA 608	-88	-88	49	117	
2016/17-5	Lab	LCS, RPD	1/31/2017	Pesticide	gamma-BHC (Lindane)	n/a	=	19	%	EPA 608	-88	-88	0	30	
2016/17-5	Lab	method blank	2/13/2017	Pesticide	gamma-BHC (Lindane)	n/a	<	0.0021	µg/L	EPA 608	0.0021	0.02			
2016/17-5	Lab	LCS	2/13/2017	Pesticide	gamma-BHC (Lindane)	n/a	=	0.0742	µg/L	EPA 608	0.0021	0.02			
2016/17-5	Lab	LCS, rec	2/13/2017	Pesticide	gamma-BHC (Lindane)	n/a	=	74	%	EPA 608	-88	-88	49	117	
2016/17-5	Lab	LCS dup	2/13/2017	Pesticide	gamma-BHC (Lindane)	n/a	=	0.0742	µg/L	EPA 608	0.0021	0.02			
2016/17-5	Lab	LCS dup, rec	2/13/2017	Pesticide	gamma-BHC (Lindane)	n/a	=	74	%	EPA 608	-88	-88	49	117	
2016/17-5	Lab	LCS, RPD	2/13/2017	Pesticide	gamma-BHC (Lindane)	n/a	=	0.004	%	EPA 608	-88	-88	0	30	
2016/17-5	Lab	method blank	1/31/2017	Pesticide	gamma-Chlordane	n/a	<	0.0044	µg/L	EPA 608	0.0044	0.01			
2016/17-5	Lab	method blank	2/13/2017	Pesticide	gamma-Chlordane	n/a	<	0.0044	µg/L	EPA 608	0.0044	0.01			
2016/17-5	000NONPJ	matrix spike	1/24/2017	Pesticide	Glyphosate	n/a	=	28.7	µg/L	EPA 547	1.8	5			
2016/17-5	000NONPJ	matrix spike, rec	1/24/2017	Pesticide	Glyphosate	n/a	=	115	%	EPA 547	-88	-88	41	149	
2016/17-5	000NONPJ	matrix spike dup	1/24/2017	Pesticide	Glyphosate	n/a	=	28.8	µg/L	EPA 547	1.8	5			
2016/17-5	000NONPJ	matrix spike dup, rec	1/24/2017	Pesticide	Glyphosate	n/a	=	115	%	EPA 547	-88	-88	41	149	
2016/17-5	000NONPJ	matrix spike, RPD	1/24/2017	Pesticide	Glyphosate	n/a	=	0.4	%	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	
2016/17-5	000NONPJ	matrix spike	1/24/2017	Pesticide	Glyphosate	n/a	=	22.6	µg/L	EPA 547	1.8	5			
2016/17-5	000NONPJ	matrix spike, rec	1/24/2017	Pesticide	Glyphosate	n/a	=	71	%	EPA 547	-88	-88	41	149	
2016/17-5	000NONPJ	matrix spike dup	1/24/2017	Pesticide	Glyphosate	n/a	=	23.3	µg/L	EPA 547	1.8	5			
2016/17-5	000NONPJ	matrix spike dup, rec	1/24/2017	Pesticide	Glyphosate	n/a	=	74	%	EPA 547	-88	-88	41	149	
2016/17-5	000NONPJ	matrix spike, RPD	1/24/2017	Pesticide	Glyphosate	n/a	=	3	%	EPA 547	-88	-88	0	30	
2016/17-5	Lab	method blank	1/24/2017	Pesticide	Glyphosate	n/a	<	1.8	µg/L	EPA 547	1.8	5			
2016/17-5	Lab	LCS	1/24/2017	Pesticide	Glyphosate	n/a	=	26.6	µg/L	EPA 547	1.8	5			
2016/17-5	Lab	LCS, rec	1/24/2017	Pesticide	Glyphosate	n/a	=	106	%	EPA 547	-88	-88	62	130	
2016/17-5	Lab	method blank	1/31/2017	Pesticide	Heptachlor	n/a	<	0.0017	µg/L	EPA 608	0.0017	0.01			
2016/17-5	Lab	LCS	1/31/2017	Pesticide	Heptachlor	n/a	=	0.0917	µg/L	EPA 608	0.0017	0.01			
2016/17-5	Lab	LCS, rec	1/31/2017	Pesticide	Heptachlor	n/a	=	92	%	EPA 608	-88	-88	31	130	
2016/17-5	Lab	LCS dup	1/31/2017	Pesticide	Heptachlor	n/a	=	0.108	µg/L	EPA 608	0.0017	0.01			
2016/17-5	Lab	LCS dup, rec	1/31/2017	Pesticide	Heptachlor	n/a	=	108	%	EPA 608	-88	-88	31	130	
2016/17-5	Lab	LCS, RPD	1/31/2017	Pesticide	Heptachlor	n/a	=	16	%	EPA 608	-88	-88	0	30	
2016/17-5	Lab	method blank	2/13/2017	Pesticide	Heptachlor	n/a	<	0.0017	µg/L	EPA 608	0.0017	0.01			
2016/17-5	Lab	LCS	2/13/2017	Pesticide	Heptachlor	n/a	=	0.0818	µg/L	EPA 608	0.0017	0.01			
2016/17-5	Lab	LCS, rec	2/13/2017	Pesticide	Heptachlor	n/a	=	82	%	EPA 608	-88	-88	31	130	
2016/17-5	Lab	LCS dup	2/13/2017	Pesticide	Heptachlor	n/a	=	0.0806	µg/L	EPA 608	0.0017	0.01			
2016/17-5	Lab	LCS dup, rec	2/13/2017	Pesticide	Heptachlor	n/a	=	81	%	EPA 608	-88	-88	31	130	
2016/17-5	Lab	LCS, RPD	2/13/2017	Pesticide	Heptachlor	n/a	=	1	%	EPA 608	-88	-88	0	30	
2016/17-5	Lab	method blank	1/31/2017	Pesticide	Heptachlor epoxide	n/a	<	0.0019	µg/L	EPA 608	0.0019	0.01			
2016/17-5	Lab	LCS	1/31/2017	Pesticide	Heptachlor epoxide	n/a	=	0.0907	µg/L	EPA 608	0.0019	0.01			
2016/17-5	Lab	LCS, rec	1/31/2017	Pesticide	Heptachlor epoxide	n/a	=	91	%	EPA 608	-88	-88	49	122	
2016/17-5	Lab	LCS dup	1/31/2017	Pesticide	Heptachlor epoxide	n/a	=	0.104	µg/L	EPA 608	0.0019	0.01			
2016/17-5	Lab	LCS dup, rec	1/31/2017	Pesticide	Heptachlor epoxide	n/a	=	104	%	EPA 608	-88	-88	49	122	
2016/17-5	Lab	LCS, RPD	1/31/2017	Pesticide	Heptachlor epoxide	n/a	=	13	%	EPA 608	-88	-88	0	30	
2016/17-5	Lab	method blank	2/13/2017	Pesticide	Heptachlor epoxide	n/a	<	0.0019	µg/L	EPA 608	0.0019	0.01			
2016/17-5	Lab	LCS	2/13/2017	Pesticide	Heptachlor epoxide	n/a	=	0.0851	µg/L	EPA 608	0.0019	0.01			
2016/17-5	Lab	LCS, rec	2/13/2017	Pesticide	Heptachlor epoxide	n/a	=	85	%	EPA 608	-88	-88	49	122	
2016/17-5	Lab	LCS dup	2/13/2017	Pesticide	Heptachlor epoxide	n/a	=	0.0844	µg/L	EPA 608	0.0019	0.01			
2016/17-5	Lab	LCS dup, rec	2/13/2017	Pesticide	Heptachlor epoxide	n/a	=	84	%	EPA 608	-88	-88	49	122	
2016/17-5	Lab	LCS, RPD	2/13/2017	Pesticide	Heptachlor epoxide	n/a	=	0.9	%	EPA 608	-88	-88	0	30	
2016/17-5	Lab	method blank	2/6/2017	Pesticide	Malathion	n/a	<	0.0076	µg/L	EPA 525.2m	0.0076	0.01			
2016/17-5	Lab	LCS	2/6/2017	Pesticide	Malathion	n/a	=	0.0582	µg/L	EPA 525.2m	0.0076	0.01			
2016/17-5	Lab	LCS, rec	2/6/2017	Pesticide	Malathion	n/a	=	116	%	EPA 525.2m	-88	-88	14	175	
2016/17-5	MO-HUE	matrix spike	2/6/2017	Pesticide	Malathion	n/a	=	0.113	µg/L	EPA 525.2m	0.0076	0.01			GB
2016/17-5	MO-HUE	matrix spike, rec	2/6/2017	Pesticide	Malathion	n/a	=	225	%	EPA 525.2m	-88	-88	6	184	GB
2016/17-5	MO-HUE	matrix spike dup	2/6/2017	Pesticide	Malathion	n/a	=	0.149	µg/L	EPA 525.2m	0.0076	0.01			GB
2016/17-5	MO-HUE	matrix spike dup, rec	2/6/2017	Pesticide	Malathion	n/a	=	298	%	EPA 525.2m	-88	-88	6	184	GB
2016/17-5	MO-HUE	matrix spike, RPD	2/6/2017	Pesticide	Malathion	n/a	=	28	%	EPA 525.2m	-88	-88	0	30	GB
2016/17-5	Lab	method blank	2/6/2017	Pesticide	Merphos	n/a	<	0.0058	µg/L	EPA 525.2m	0.0058	0.01			
2016/17-5	Lab	LCS	2/6/2017	Pesticide	Merphos	n/a	=	0.0411	µg/L	EPA 525.2m	0.0058	0.01			
2016/17-5	Lab	LCS, rec	2/6/2017	Pesticide	Merphos	n/a	=	82	%	EPA 525.2m	-88	-88	28	181	
2016/17-5	MO-HUE	matrix spike	2/6/2017	Pesticide	Merphos	n/a	=	0.0461	µg/L	EPA 525.2m	0.0058	0.01			
2016/17-5	MO-HUE	matrix spike, rec	2/6/2017	Pesticide	Merphos	n/a	=	92	%	EPA 525.2m	-88	-88	3	210	
2016/17-5	MO-HUE	matrix spike dup	2/6/2017	Pesticide	Merphos	n/a	=	0.0448	µg/L	EPA 525.2m	0.0058	0.01			
2016/17-5	MO-HUE	matrix spike dup, rec	2/6/2017	Pesticide	Merphos	n/a	=	90	%	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	
2016/17-5	MO-HUE	matrix spike, RPD	2/6/2017	Pesticide	Merphos	n/a	=	3	%	EPA 525.2m	-88	-88	0	30	
2016/17-5	Lab	method blank	1/31/2017	Pesticide	Methoxychlor	n/a	<	0.0054	µg/L	EPA 608	0.0054	0.02			
2016/17-5	Lab	method blank	2/13/2017	Pesticide	Methoxychlor	n/a	<	0.0054	µg/L	EPA 608	0.0054	0.02			
2016/17-5	Lab	method blank	2/6/2017	Pesticide	Methyl parathion	n/a	<	0.0063	µg/L	EPA 525.2m	0.0063	0.01			
2016/17-5	Lab	LCS	2/6/2017	Pesticide	Methyl parathion	n/a	=	0.0831	µg/L	EPA 525.2m	0.0063	0.01			
2016/17-5	Lab	LCS, rec	2/6/2017	Pesticide	Methyl parathion	n/a	=	166	%	EPA 525.2m	-88	-88	0.1	252	
2016/17-5	MO-HUE	matrix spike	2/6/2017	Pesticide	Methyl parathion	n/a	=	0.15	µg/L	EPA 525.2m	0.0063	0.01			GB,IL
2016/17-5	MO-HUE	matrix spike, rec	2/6/2017	Pesticide	Methyl parathion	n/a	=	300	%	EPA 525.2m	-88	-88	0.1	249	GB,IL
2016/17-5	MO-HUE	matrix spike dup	2/6/2017	Pesticide	Methyl parathion	n/a	=	0.212	µg/L	EPA 525.2m	0.0063	0.01			GB,IL
2016/17-5	MO-HUE	matrix spike dup, rec	2/6/2017	Pesticide	Methyl parathion	n/a	=	424	%	EPA 525.2m	-88	-88	0.1	249	GB,IL
2016/17-5	MO-HUE	matrix spike, RPD	2/6/2017	Pesticide	Methyl parathion	n/a	=	34	%	EPA 525.2m	-88	-88	0	30	GB,IL
2016/17-5	Lab	method blank	1/27/2017	Pesticide	Metolachlor	n/a	<	0.012	µg/L	EPA 525.2	0.012	0.1			
2016/17-5	Lab	LCS	1/27/2017	Pesticide	Metolachlor	n/a	=	4.98	µg/L	EPA 525.2	0.012	0.1			
2016/17-5	Lab	LCS, rec	1/27/2017	Pesticide	Metolachlor	n/a	=	100	%	EPA 525.2	-88	-88	61	123	
2016/17-5	Lab	LCS dup	1/27/2017	Pesticide	Metolachlor	n/a	=	4.9	µg/L	EPA 525.2	0.012	0.1			
2016/17-5	Lab	LCS dup, rec	1/27/2017	Pesticide	Metolachlor	n/a	=	98	%	EPA 525.2	-88	-88	61	123	
2016/17-5	Lab	LCS, RPD	1/27/2017	Pesticide	Metolachlor	n/a	=	2	%	EPA 525.2	-88	-88	0	30	
2016/17-5	Lab	method blank	1/30/2017	Pesticide	Metolachlor	n/a	<	0.012	µg/L	EPA 525.2	0.012	0.1			
2016/17-5	Lab	LCS	1/30/2017	Pesticide	Metolachlor	n/a	=	5.47	µg/L	EPA 525.2	0.012	0.1			
2016/17-5	Lab	LCS, rec	1/30/2017	Pesticide	Metolachlor	n/a	=	109	%	EPA 525.2	-88	-88	61	123	
2016/17-5	Lab	LCS dup	1/30/2017	Pesticide	Metolachlor	n/a	=	6.28	µg/L	EPA 525.2	0.012	0.1			EUM
2016/17-5	Lab	LCS dup, rec	1/30/2017	Pesticide	Metolachlor	n/a	=	126	%	EPA 525.2	-88	-88	61	123	EUM
2016/17-5	Lab	LCS, RPD	1/30/2017	Pesticide	Metolachlor	n/a	=	14	%	EPA 525.2	-88	-88	0	30	EUM
2016/17-5	Lab	method blank	1/27/2017	Pesticide	Metribuzin	n/a	<	0.015	µg/L	EPA 525.2	0.015	0.1			
2016/17-5	Lab	LCS	1/27/2017	Pesticide	Metribuzin	n/a	=	4.83	µg/L	EPA 525.2	0.015	0.1			
2016/17-5	Lab	LCS, rec	1/27/2017	Pesticide	Metribuzin	n/a	=	97	%	EPA 525.2	-88	-88	50	121	
2016/17-5	Lab	LCS dup	1/27/2017	Pesticide	Metribuzin	n/a	=	4	µg/L	EPA 525.2	0.015	0.1			
2016/17-5	Lab	LCS dup, rec	1/27/2017	Pesticide	Metribuzin	n/a	=	80	%	EPA 525.2	-88	-88	50	121	
2016/17-5	Lab	LCS, RPD	1/27/2017	Pesticide	Metribuzin	n/a	=	19	%	EPA 525.2	-88	-88	0	30	
2016/17-5	Lab	method blank	1/30/2017	Pesticide	Metribuzin	n/a	<	0.015	µg/L	EPA 525.2	0.015	0.1			
2016/17-5	Lab	LCS	1/30/2017	Pesticide	Metribuzin	n/a	=	5.2	µg/L	EPA 525.2	0.015	0.1			
2016/17-5	Lab	LCS, rec	1/30/2017	Pesticide	Metribuzin	n/a	=	104	%	EPA 525.2	-88	-88	50	121	
2016/17-5	Lab	LCS dup	1/30/2017	Pesticide	Metribuzin	n/a	=	4.62	µg/L	EPA 525.2	0.015	0.1			
2016/17-5	Lab	LCS dup, rec	1/30/2017	Pesticide	Metribuzin	n/a	=	92	%	EPA 525.2	-88	-88	50	121	
2016/17-5	Lab	LCS, RPD	1/30/2017	Pesticide	Metribuzin	n/a	=	12	%	EPA 525.2	-88	-88	0	30	
2016/17-5	Lab	method blank	2/6/2017	Pesticide	Mevinphos	n/a	<	0.0042	µg/L	EPA 525.2m	0.0042	0.01			
2016/17-5	Lab	LCS	2/6/2017	Pesticide	Mevinphos	n/a	=	0.0443	µg/L	EPA 525.2m	0.0042	0.01			
2016/17-5	Lab	LCS, rec	2/6/2017	Pesticide	Mevinphos	n/a	=	89	%	EPA 525.2m	-88	-88	14	202	
2016/17-5	MO-HUE	matrix spike	2/6/2017	Pesticide	Mevinphos	n/a	=	0.0783	µg/L	EPA 525.2m	0.0042	0.01			IL
2016/17-5	MO-HUE	matrix spike, rec	2/6/2017	Pesticide	Mevinphos	n/a	=	157	%	EPA 525.2m	-88	-88	25	189	IL
2016/17-5	MO-HUE	matrix spike dup	2/6/2017	Pesticide	Mevinphos	n/a	=	0.107	µg/L	EPA 525.2m	0.0042	0.01			GB,IL
2016/17-5	MO-HUE	matrix spike dup, rec	2/6/2017	Pesticide	Mevinphos	n/a	=	213	%	EPA 525.2m	-88	-88	25	189	GB,IL
2016/17-5	MO-HUE	matrix spike, RPD	2/6/2017	Pesticide	Mevinphos	n/a	=	31	%	EPA 525.2m	-88	-88	0	30	GB,IL
2016/17-5	Lab	method blank	1/27/2017	Pesticide	Molinate	n/a	<	0.039	µg/L	EPA 525.2	0.039	0.1			
2016/17-5	Lab	LCS	1/27/2017	Pesticide	Molinate	n/a	=	4.88	µg/L	EPA 525.2	0.039	0.1			
2016/17-5	Lab	LCS, rec	1/27/2017	Pesticide	Molinate	n/a	=	98	%	EPA 525.2	-88	-88	82	117	
2016/17-5	Lab	LCS dup	1/27/2017	Pesticide	Molinate	n/a	=	4.89	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	
2016/17-5	Lab	LCS dup, rec	1/27/2017	Pesticide	Molinate	n/a	=	98	%	EPA 525.2	-88	-88	82	117	
2016/17-5	Lab	LCS, RPD	1/27/2017	Pesticide	Molinate	n/a	=	0.2	%	EPA 525.2	-88	-88	0	30	
2016/17-5	Lab	method blank	1/30/2017	Pesticide	Molinate	n/a	<	0.039	µg/L	EPA 525.2	0.039	0.1			
2016/17-5	Lab	LCS	1/30/2017	Pesticide	Molinate	n/a	=	5.17	µg/L	EPA 525.2	0.039	0.1			
2016/17-5	Lab	LCS, rec	1/30/2017	Pesticide	Molinate	n/a	=	103	%	EPA 525.2	-88	-88	82	117	
2016/17-5	Lab	LCS dup	1/30/2017	Pesticide	Molinate	n/a	=	5.17	µg/L	EPA 525.2	0.039	0.1			
2016/17-5	Lab	LCS dup, rec	1/30/2017	Pesticide	Molinate	n/a	=	103	%	EPA 525.2	-88	-88	82	117	
2016/17-5	Lab	LCS, RPD	1/30/2017	Pesticide	Molinate	n/a	=	8	%	EPA 525.2	-88	-88	0	30	
2016/17-5	Lab	method blank	2/6/2017	Pesticide	Naled	n/a	<	0.0076	µg/L	EPA 525.2m	0.0076	0.01			
2016/17-5	Lab	LCS	2/6/2017	Pesticide	Naled	n/a	=	0.0402	µg/L	EPA 525.2m	0.0076	0.01			
2016/17-5	Lab	LCS, rec	2/6/2017	Pesticide	Naled	n/a	=	80	%	EPA 525.2m	-88	-88	0.1	240	
2016/17-5	MO-HUE	matrix spike	2/6/2017	Pesticide	Naled	n/a	=	0.0715	µg/L	EPA 525.2m	0.0076	0.01			
2016/17-5	MO-HUE	matrix spike, rec	2/6/2017	Pesticide	Naled	n/a	=	143	%	EPA 525.2m	-88	-88	0.1	242	
2016/17-5	MO-HUE	matrix spike dup	2/6/2017	Pesticide	Naled	n/a	=	0.0915	µg/L	EPA 525.2m	0.0076	0.01			
2016/17-5	MO-HUE	matrix spike dup, rec	2/6/2017	Pesticide	Naled	n/a	=	183	%	EPA 525.2m	-88	-88	0.1	242	
2016/17-5	MO-HUE	matrix spike, RPD	2/6/2017	Pesticide	Naled	n/a	=	25	%	EPA 525.2m	-88	-88	0	30	
2016/17-5	000NONPJ	matrix spike	1/23/2017	Pesticide	Pentachlorophenol	n/a	=	4.22	µg/L	EPA 515.3	0.04	0.2			
2016/17-5	000NONPJ	matrix spike, rec	1/23/2017	Pesticide	Pentachlorophenol	n/a	=	105	%	EPA 515.3	-88	-88	70	130	
2016/17-5	000NONPJ	matrix spike dup	1/23/2017	Pesticide	Pentachlorophenol	n/a	=	4.24	µg/L	EPA 515.3	0.04	0.2			
2016/17-5	000NONPJ	matrix spike dup, rec	1/23/2017	Pesticide	Pentachlorophenol	n/a	=	106	%	EPA 515.3	-88	-88	70	130	
2016/17-5	000NONPJ	matrix spike, RPD	1/23/2017	Pesticide	Pentachlorophenol	n/a	=	0.4	%	EPA 515.3	-88	-88	0	30	
2016/17-5	000NONPJ	matrix spike	1/23/2017	Pesticide	Pentachlorophenol	n/a	=	4.5	µg/L	EPA 515.3	0.04	0.2			
2016/17-5	000NONPJ	matrix spike, rec	1/23/2017	Pesticide	Pentachlorophenol	n/a	=	112	%	EPA 515.3	-88	-88	70	130	
2016/17-5	000NONPJ	matrix spike dup	1/23/2017	Pesticide	Pentachlorophenol	n/a	=	4.54	µg/L	EPA 515.3	0.04	0.2			
2016/17-5	000NONPJ	matrix spike dup, rec	1/23/2017	Pesticide	Pentachlorophenol	n/a	=	114	%	EPA 515.3	-88	-88	70	130	
2016/17-5	000NONPJ	matrix spike, RPD	1/23/2017	Pesticide	Pentachlorophenol	n/a	=	1	%	EPA 515.3	-88	-88	0	30	
2016/17-5	Lab	method blank	1/23/2017	Pesticide	Pentachlorophenol	n/a	<	0.04	µg/L	EPA 515.3	0.04	0.2			
2016/17-5	Lab	LCS	1/23/2017	Pesticide	Pentachlorophenol	n/a	=	4.39	µg/L	EPA 515.3	0.04	0.2			
2016/17-5	Lab	LCS, rec	1/23/2017	Pesticide	Pentachlorophenol	n/a	=	110	%	EPA 515.3	-88	-88	70	130	
2016/17-5	Lab	method blank	2/8/2017	Pesticide	Pentachlorophenol	n/a	<	0.15	µg/L	EPA 8270C	0.15	1			
2016/17-5	Lab	LCS	2/8/2017	Pesticide	Pentachlorophenol	n/a	=	8.37	µg/L	EPA 8270C	0.15	1			
2016/17-5	Lab	LCS, rec	2/8/2017	Pesticide	Pentachlorophenol	n/a	=	84	%	EPA 8270C	-88	-88	29	106	
2016/17-5	Lab	LCS dup	2/8/2017	Pesticide	Pentachlorophenol	n/a	=	9.45	µg/L	EPA 8270C	0.15	1			
2016/17-5	Lab	LCS dup, rec	2/8/2017	Pesticide	Pentachlorophenol	n/a	=	94	%	EPA 8270C	-88	-88	29	106	
2016/17-5	Lab	LCS, RPD	2/8/2017	Pesticide	Pentachlorophenol	n/a	=	12	%	EPA 8270C	-88	-88	0	30	
2016/17-5	Lab	method blank	2/11/2017	Pesticide	Pentachlorophenol	n/a	<	0.19	µg/L	EPA 625	0.19	1			
2016/17-5	Lab	LCS	2/11/2017	Pesticide	Pentachlorophenol	n/a	=	13.9	µg/L	EPA 625	0.19	1			
2016/17-5	Lab	LCS, rec	2/11/2017	Pesticide	Pentachlorophenol	n/a	=	56	%	EPA 625	-88	-88	14	176	
2016/17-5	Lab	LCS dup	2/11/2017	Pesticide	Pentachlorophenol	n/a	=	14	µg/L	EPA 625	0.19	1			
2016/17-5	Lab	LCS dup, rec	2/11/2017	Pesticide	Pentachlorophenol	n/a	=	56	%	EPA 625	-88	-88	14	176	
2016/17-5	Lab	LCS, RPD	2/11/2017	Pesticide	Pentachlorophenol	n/a	=	1	%	EPA 625	-88	-88	0	30	
2016/17-5	Lab	method blank	2/6/2017	Pesticide	Phorate	n/a	<	0.003	µg/L	EPA 525.2m	0.003	0.01			
2016/17-5	Lab	LCS	2/6/2017	Pesticide	Phorate	n/a	=	0.0469	µg/L	EPA 525.2m	0.003	0.01			
2016/17-5	Lab	LCS, rec	2/6/2017	Pesticide	Phorate	n/a	=	94	%	EPA 525.2m	-88	-88	26	180	
2016/17-5	MO-HUE	matrix spike	2/6/2017	Pesticide	Phorate	n/a	=	0.0642	µg/L	EPA 525.2m	0.003	0.01			
2016/17-5	MO-HUE	matrix spike, rec	2/6/2017	Pesticide	Phorate	n/a	=	128	%	EPA 525.2m	-88	-88	31	181	
2016/17-5	MO-HUE	matrix spike dup	2/6/2017	Pesticide	Phorate	n/a	=	0.0817	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	
2016/17-5	MO-HUE	matrix spike dup, rec	2/6/2017	Pesticide	Phorate	n/a	=	163	%	EPA 525.2m	-88	-88	31	181	
2016/17-5	MO-HUE	matrix spike, RPD	2/6/2017	Pesticide	Phorate	n/a	=	24	%	EPA 525.2m	-88	-88	0	30	
2016/17-5	000NONPJ	matrix spike	1/23/2017	Pesticide	Picloram	n/a	=	4.29	µg/L	EPA 515.3	0.05	0.6			
2016/17-5	000NONPJ	matrix spike, rec	1/23/2017	Pesticide	Picloram	n/a	=	107	%	EPA 515.3	-88	-88	70	130	
2016/17-5	000NONPJ	matrix spike dup	1/23/2017	Pesticide	Picloram	n/a	=	4.33	µg/L	EPA 515.3	0.05	0.6			
2016/17-5	000NONPJ	matrix spike dup, rec	1/23/2017	Pesticide	Picloram	n/a	=	108	%	EPA 515.3	-88	-88	70	130	
2016/17-5	000NONPJ	matrix spike, RPD	1/23/2017	Pesticide	Picloram	n/a	=	0.9	%	EPA 515.3	-88	-88	0	30	
2016/17-5	000NONPJ	matrix spike	1/23/2017	Pesticide	Picloram	n/a	=	4.62	µg/L	EPA 515.3	0.05	0.6			
2016/17-5	000NONPJ	matrix spike, rec	1/23/2017	Pesticide	Picloram	n/a	=	115	%	EPA 515.3	-88	-88	70	130	
2016/17-5	000NONPJ	matrix spike dup	1/23/2017	Pesticide	Picloram	n/a	=	4.35	µg/L	EPA 515.3	0.05	0.6			
2016/17-5	000NONPJ	matrix spike dup, rec	1/23/2017	Pesticide	Picloram	n/a	=	109	%	EPA 515.3	-88	-88	70	130	
2016/17-5	000NONPJ	matrix spike, RPD	1/23/2017	Pesticide	Picloram	n/a	=	6	%	EPA 515.3	-88	-88	0	30	
2016/17-5	Lab	method blank	1/23/2017	Pesticide	Picloram	n/a	<	0.05	µg/L	EPA 515.3	0.05	0.6			
2016/17-5	Lab	LCS	1/23/2017	Pesticide	Picloram	n/a	=	3.76	µg/L	EPA 515.3	0.05	0.6			
2016/17-5	Lab	LCS, rec	1/23/2017	Pesticide	Picloram	n/a	=	94	%	EPA 515.3	-88	-88	70	130	
2016/17-5	Lab	method blank	1/27/2017	Pesticide	Prometon	n/a	<	0.024	µg/L	EPA 525.2	0.024	0.2			
2016/17-5	Lab	LCS	1/27/2017	Pesticide	Prometon	n/a	=	1.35	µg/L	EPA 525.2	0.024	0.2			
2016/17-5	Lab	LCS, rec	1/27/2017	Pesticide	Prometon	n/a	=	27	%	EPA 525.2	-88	-88	17	101	
2016/17-5	Lab	LCS dup	1/27/2017	Pesticide	Prometon	n/a	=	1.16	µg/L	EPA 525.2	0.024	0.2			
2016/17-5	Lab	LCS dup, rec	1/27/2017	Pesticide	Prometon	n/a	=	23	%	EPA 525.2	-88	-88	17	101	
2016/17-5	Lab	LCS, RPD	1/27/2017	Pesticide	Prometon	n/a	=	15	%	EPA 525.2	-88	-88	0	30	
2016/17-5	Lab	method blank	1/30/2017	Pesticide	Prometon	n/a	<	0.024	µg/L	EPA 525.2	0.024	0.2			
2016/17-5	Lab	LCS	1/30/2017	Pesticide	Prometon	n/a	=	1.32	µg/L	EPA 525.2	0.024	0.2			
2016/17-5	Lab	LCS, rec	1/30/2017	Pesticide	Prometon	n/a	=	26	%	EPA 525.2	-88	-88	17	101	
2016/17-5	Lab	LCS dup	1/30/2017	Pesticide	Prometon	n/a	=	1.15	µg/L	EPA 525.2	0.024	0.2			
2016/17-5	Lab	LCS dup, rec	1/30/2017	Pesticide	Prometon	n/a	=	23	%	EPA 525.2	-88	-88	17	101	
2016/17-5	Lab	LCS, RPD	1/30/2017	Pesticide	Prometon	n/a	=	13	%	EPA 525.2	-88	-88	0	30	
2016/17-5	Lab	method blank	1/27/2017	Pesticide	Prometryn	n/a	<	0.036	µg/L	EPA 525.2	0.036	0.1			
2016/17-5	Lab	LCS	1/27/2017	Pesticide	Prometryn	n/a	=	3	µg/L	EPA 525.2	0.036	0.1			
2016/17-5	Lab	LCS, rec	1/27/2017	Pesticide	Prometryn	n/a	=	60	%	EPA 525.2	-88	-88	57	122	
2016/17-5	Lab	LCS dup	1/27/2017	Pesticide	Prometryn	n/a	=	2.47	µg/L	EPA 525.2	0.036	0.1			EUM
2016/17-5	Lab	LCS dup, rec	1/27/2017	Pesticide	Prometryn	n/a	=	49	%	EPA 525.2	-88	-88	57	122	EUM
2016/17-5	Lab	LCS, RPD	1/27/2017	Pesticide	Prometryn	n/a	=	19	%	EPA 525.2	-88	-88	0	30	EUM
2016/17-5	Lab	method blank	1/30/2017	Pesticide	Prometryn	n/a	<	0.036	µg/L	EPA 525.2	0.036	0.1			
2016/17-5	Lab	LCS	1/30/2017	Pesticide	Prometryn	n/a	=	3.12	µg/L	EPA 525.2	0.036	0.1			
2016/17-5	Lab	LCS, rec	1/30/2017	Pesticide	Prometryn	n/a	=	62	%	EPA 525.2	-88	-88	57	122	
2016/17-5	Lab	LCS dup	1/30/2017	Pesticide	Prometryn	n/a	=	2.55	µg/L	EPA 525.2	0.036	0.1			EUM
2016/17-5	Lab	LCS dup, rec	1/30/2017	Pesticide	Prometryn	n/a	=	51	%	EPA 525.2	-88	-88	57	122	EUM
2016/17-5	Lab	LCS, RPD	1/30/2017	Pesticide	Prometryn	n/a	=	20	%	EPA 525.2	-88	-88	0	30	EUM
2016/17-5	Lab	method blank	2/6/2017	Pesticide	Ronnel (Fenchlorphos)	n/a	<	0.0041	µg/L	EPA 525.2m	0.0041	0.01			
2016/17-5	Lab	LCS	2/6/2017	Pesticide	Ronnel (Fenchlorphos)	n/a	=	0.0479	µg/L	EPA 525.2m	0.0041	0.01			
2016/17-5	Lab	LCS, rec	2/6/2017	Pesticide	Ronnel (Fenchlorphos)	n/a	=	96	%	EPA 525.2m	-88	-88	34	154	
2016/17-5	MO-HUE	matrix spike	2/6/2017	Pesticide	Ronnel (Fenchlorphos)	n/a	=	0.076	µg/L	EPA 525.2m	0.0041	0.01			IL
2016/17-5	MO-HUE	matrix spike, rec	2/6/2017	Pesticide	Ronnel (Fenchlorphos)	n/a	=	152	%	EPA 525.2m	-88	-88	29	153	IL
2016/17-5	MO-HUE	matrix spike dup	2/6/2017	Pesticide	Ronnel (Fenchlorphos)	n/a	=	0.104	µg/L	EPA 525.2m	0.0041	0.01			GB,IL
2016/17-5	MO-HUE	matrix spike dup, rec	2/6/2017	Pesticide	Ronnel (Fenchlorphos)	n/a	=	208	%	EPA 525.2m	-88	-88	29	153	GB,IL
2016/17-5	MO-HUE	matrix spike, RPD	2/6/2017	Pesticide	Ronnel (Fenchlorphos)	n/a	=	31	%	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	
2016/17-5	Lab	method blank	1/27/2017	Pesticide	Simazine	n/a	<	0.015	µg/L	EPA 525.2	0.015	0.1			
2016/17-5	Lab	LCS	1/27/2017	Pesticide	Simazine	n/a	=	4.8	µg/L	EPA 525.2	0.015	0.1			
2016/17-5	Lab	LCS, rec	1/27/2017	Pesticide	Simazine	n/a	=	96	%	EPA 525.2	-88	-88	53	116	
2016/17-5	Lab	LCS dup	1/27/2017	Pesticide	Simazine	n/a	=	4.33	µg/L	EPA 525.2	0.015	0.1			
2016/17-5	Lab	LCS dup, rec	1/27/2017	Pesticide	Simazine	n/a	=	87	%	EPA 525.2	-88	-88	53	116	
2016/17-5	Lab	LCS, RPD	1/27/2017	Pesticide	Simazine	n/a	=	10	%	EPA 525.2	-88	-88	0	30	
2016/17-5	Lab	method blank	1/30/2017	Pesticide	Simazine	n/a	<	0.015	µg/L	EPA 525.2	0.015	0.1			
2016/17-5	Lab	LCS	1/30/2017	Pesticide	Simazine	n/a	=	5.17	µg/L	EPA 525.2	0.015	0.1			
2016/17-5	Lab	LCS, rec	1/30/2017	Pesticide	Simazine	n/a	=	103	%	EPA 525.2	-88	-88	53	116	
2016/17-5	Lab	LCS dup	1/30/2017	Pesticide	Simazine	n/a	=	5	µg/L	EPA 525.2	0.015	0.1			
2016/17-5	Lab	LCS dup, rec	1/30/2017	Pesticide	Simazine	n/a	=	100	%	EPA 525.2	-88	-88	53	116	
2016/17-5	Lab	LCS, RPD	1/30/2017	Pesticide	Simazine	n/a	=	3	%	EPA 525.2	-88	-88	0	30	
2016/17-5	Lab	method blank	2/6/2017	Pesticide	Stirophos (Tetrachlorvinphos)	n/a	<	0.0031	µg/L	EPA 525.2m	0.0031	0.01			
2016/17-5	Lab	LCS	2/6/2017	Pesticide	Stirophos (Tetrachlorvinphos)	n/a	=	0.0591	µg/L	EPA 525.2m	0.0031	0.01			
2016/17-5	Lab	LCS, rec	2/6/2017	Pesticide	Stirophos (Tetrachlorvinphos)	n/a	=	118	%	EPA 525.2m	-88	-88	0.1	188	
2016/17-5	MO-HUE	matrix spike	2/6/2017	Pesticide	Stirophos (Tetrachlorvinphos)	n/a	=	0.112	µg/L	EPA 525.2m	0.0031	0.01			GB
2016/17-5	MO-HUE	matrix spike, rec	2/6/2017	Pesticide	Stirophos (Tetrachlorvinphos)	n/a	=	223	%	EPA 525.2m	-88	-88	0.1	167	GB
2016/17-5	MO-HUE	matrix spike dup	2/6/2017	Pesticide	Stirophos (Tetrachlorvinphos)	n/a	=	0.142	µg/L	EPA 525.2m	0.0031	0.01			GB
2016/17-5	MO-HUE	matrix spike dup, rec	2/6/2017	Pesticide	Stirophos (Tetrachlorvinphos)	n/a	=	284	%	EPA 525.2m	-88	-88	0.1	167	GB
2016/17-5	MO-HUE	matrix spike, RPD	2/6/2017	Pesticide	Stirophos (Tetrachlorvinphos)	n/a	=	24	%	EPA 525.2m	-88	-88	0	30	GB
2016/17-5	Lab	method blank	1/27/2017	Pesticide	Terbacil	n/a	<	0.55	µg/L	EPA 525.2	0.55	2			
2016/17-5	Lab	LCS	1/27/2017	Pesticide	Terbacil	n/a	=	4.73	µg/L	EPA 525.2	0.55	2			
2016/17-5	Lab	LCS, rec	1/27/2017	Pesticide	Terbacil	n/a	=	95	%	EPA 525.2	-88	-88	70	135	
2016/17-5	Lab	LCS dup	1/27/2017	Pesticide	Terbacil	n/a	=	4.4	µg/L	EPA 525.2	0.55	2			
2016/17-5	Lab	LCS dup, rec	1/27/2017	Pesticide	Terbacil	n/a	=	88	%	EPA 525.2	-88	-88	70	135	
2016/17-5	Lab	LCS, RPD	1/27/2017	Pesticide	Terbacil	n/a	=	7	%	EPA 525.2	-88	-88	0	30	
2016/17-5	Lab	method blank	1/30/2017	Pesticide	Terbacil	n/a	<	0.55	µg/L	EPA 525.2	0.55	2			
2016/17-5	Lab	LCS	1/30/2017	Pesticide	Terbacil	n/a	=	5.56	µg/L	EPA 525.2	0.55	2			
2016/17-5	Lab	LCS, rec	1/30/2017	Pesticide	Terbacil	n/a	=	111	%	EPA 525.2	-88	-88	70	135	
2016/17-5	Lab	LCS dup	1/30/2017	Pesticide	Terbacil	n/a	=	5.07	µg/L	EPA 525.2	0.55	2			
2016/17-5	Lab	LCS dup, rec	1/30/2017	Pesticide	Terbacil	n/a	=	101	%	EPA 525.2	-88	-88	70	135	
2016/17-5	Lab	LCS, RPD	1/30/2017	Pesticide	Terbacil	n/a	=	9	%	EPA 525.2	-88	-88	0	30	
2016/17-5	Lab	method blank	1/27/2017	Pesticide	Thiobencarb	n/a	<	0.025	µg/L	EPA 525.2	0.025	0.2			
2016/17-5	Lab	LCS	1/27/2017	Pesticide	Thiobencarb	n/a	=	5.29	µg/L	EPA 525.2	0.025	0.2			
2016/17-5	Lab	LCS, rec	1/27/2017	Pesticide	Thiobencarb	n/a	=	106	%	EPA 525.2	-88	-88	56	125	
2016/17-5	Lab	LCS dup	1/27/2017	Pesticide	Thiobencarb	n/a	=	5.23	µg/L	EPA 525.2	0.025	0.2			
2016/17-5	Lab	LCS dup, rec	1/27/2017	Pesticide	Thiobencarb	n/a	=	105	%	EPA 525.2	-88	-88	56	125	
2016/17-5	Lab	LCS, RPD	1/27/2017	Pesticide	Thiobencarb	n/a	=	1	%	EPA 525.2	-88	-88	0	30	
2016/17-5	Lab	method blank	1/30/2017	Pesticide	Thiobencarb	n/a	<	0.025	µg/L	EPA 525.2	0.025	0.2			
2016/17-5	Lab	LCS	1/30/2017	Pesticide	Thiobencarb	n/a	=	5.52	µg/L	EPA 525.2	0.025	0.2			
2016/17-5	Lab	LCS, rec	1/30/2017	Pesticide	Thiobencarb	n/a	=	110	%	EPA 525.2	-88	-88	56	125	
2016/17-5	Lab	LCS dup	1/30/2017	Pesticide	Thiobencarb	n/a	=	6.11	µg/L	EPA 525.2	0.025	0.2			
2016/17-5	Lab	LCS dup, rec	1/30/2017	Pesticide	Thiobencarb	n/a	=	122	%	EPA 525.2	-88	-88	56	125	
2016/17-5	Lab	LCS, RPD	1/30/2017	Pesticide	Thiobencarb	n/a	=	10	%	EPA 525.2	-88	-88	0	30	
2016/17-5	Lab	method blank	2/6/2017	Pesticide	Tokuthion	n/a	<	0.0078	µg/L	EPA 525.2m	0.0078	0.01			
2016/17-5	Lab	LCS	2/6/2017	Pesticide	Tokuthion	n/a	=	0.0423	µg/L	EPA 525.2m	0.0078	0.01			
2016/17-5	Lab	LCS, rec	2/6/2017	Pesticide	Tokuthion	n/a	=	85	%	EPA 525.2m	-88	-88	23	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	
2016/17-5	MO-HUE	matrix spike	2/6/2017	Pesticide	Tokuthion	n/a	=	0.0376	µg/L	EPA 525.2m	0.0078	0.01			
2016/17-5	MO-HUE	matrix spike, rec	2/6/2017	Pesticide	Tokuthion	n/a	=	75	%	EPA 525.2m	-88	-88	27	160	
2016/17-5	MO-HUE	matrix spike dup	2/6/2017	Pesticide	Tokuthion	n/a	=	0.039	µg/L	EPA 525.2m	0.0078	0.01			
2016/17-5	MO-HUE	matrix spike dup, rec	2/6/2017	Pesticide	Tokuthion	n/a	=	78	%	EPA 525.2m	-88	-88	27	160	
2016/17-5	MO-HUE	matrix spike, RPD	2/6/2017	Pesticide	Tokuthion	n/a	=	4	%	EPA 525.2m	-88	-88	0	30	
2016/17-5	Lab	method blank	1/31/2017	Pesticide	Toxaphene	n/a	<	0.12	µg/L	EPA 608	0.12	0.5			
2016/17-5	Lab	method blank	2/13/2017	Pesticide	Toxaphene	n/a	<	0.12	µg/L	EPA 608	0.12	0.5			
2016/17-5	Lab	method blank	2/6/2017	Pesticide	Trichloronate	n/a	<	0.0067	µg/L	EPA 525.2m	0.0067	0.01			
2016/17-5	Lab	LCS	2/6/2017	Pesticide	Trichloronate	n/a	=	0.0489	µg/L	EPA 525.2m	0.0067	0.01			
2016/17-5	Lab	LCS, rec	2/6/2017	Pesticide	Trichloronate	n/a	=	98	%	EPA 525.2m	-88	-88	34	153	
2016/17-5	MO-HUE	matrix spike	2/6/2017	Pesticide	Trichloronate	n/a	=	0.073	µg/L	EPA 525.2m	0.0067	0.01			IL
2016/17-5	MO-HUE	matrix spike, rec	2/6/2017	Pesticide	Trichloronate	n/a	=	146	%	EPA 525.2m	-88	-88	40	150	IL
2016/17-5	MO-HUE	matrix spike dup	2/6/2017	Pesticide	Trichloronate	n/a	=	0.1	µg/L	EPA 525.2m	0.0067	0.01			GB,IL
2016/17-5	MO-HUE	matrix spike dup, rec	2/6/2017	Pesticide	Trichloronate	n/a	=	200	%	EPA 525.2m	-88	-88	40	150	GB,IL
2016/17-5	MO-HUE	matrix spike, RPD	2/6/2017	Pesticide	Trichloronate	n/a	=	31	%	EPA 525.2m	-88	-88	0	30	GB,IL
2016/17-5	Lab	method blank	1/27/2017	Pesticide	Trithion	n/a	<	0.012	µg/L	EPA 525.2	0.012	0.1			
2016/17-5	Lab	LCS	1/27/2017	Pesticide	Trithion	n/a	=	4.34	µg/L	EPA 525.2	0.012	0.1			
2016/17-5	Lab	LCS, rec	1/27/2017	Pesticide	Trithion	n/a	=	87	%	EPA 525.2	-88	-88	60	124	
2016/17-5	Lab	LCS dup	1/27/2017	Pesticide	Trithion	n/a	=	4.53	µg/L	EPA 525.2	0.012	0.1			
2016/17-5	Lab	LCS dup, rec	1/27/2017	Pesticide	Trithion	n/a	=	91	%	EPA 525.2	-88	-88	60	124	
2016/17-5	Lab	LCS, RPD	1/27/2017	Pesticide	Trithion	n/a	=	4	%	EPA 525.2	-88	-88	0	30	
2016/17-5	Lab	method blank	1/30/2017	Pesticide	Trithion	n/a	<	0.012	µg/L	EPA 525.2	0.012	0.1			
2016/17-5	Lab	LCS	1/30/2017	Pesticide	Trithion	n/a	=	4.88	µg/L	EPA 525.2	0.012	0.1			
2016/17-5	Lab	LCS, rec	1/30/2017	Pesticide	Trithion	n/a	=	98	%	EPA 525.2	-88	-88	60	124	
2016/17-5	Lab	LCS dup	1/30/2017	Pesticide	Trithion	n/a	=	5.19	µg/L	EPA 525.2	0.012	0.1			
2016/17-5	Lab	LCS dup, rec	1/30/2017	Pesticide	Trithion	n/a	=	104	%	EPA 525.2	-88	-88	60	124	
2016/17-5	Lab	LCS, RPD	1/30/2017	Pesticide	Trithion	n/a	=	6	%	EPA 525.2	-88	-88	0	30	
2016/17-6	000NONPJ	matrix spike	5/15/2017	Anion	Chloride	n/a	=	245	mg/L	EPA 300.0	1	5			
2016/17-6	000NONPJ	matrix spike	5/15/2017	Anion	Chloride	n/a	=	222	mg/L	EPA 300.0	1	5			
2016/17-6	000NONPJ	matrix spike dup	5/15/2017	Anion	Chloride	n/a	=	223	mg/L	EPA 300.0	1	5			
2016/17-6	000NONPJ	matrix spike dup	5/15/2017	Anion	Chloride	n/a	=	245	mg/L	EPA 300.0	1	5			
2016/17-6	000NONPJ	matrix spike dup, rec	5/15/2017	Anion	Chloride	n/a	=	93	%	EPA 300.0	-88	-88	76	118	
2016/17-6	000NONPJ	matrix spike dup, rec	5/15/2017	Anion	Chloride	n/a	=	101	%	EPA 300.0	-88	-88	76	118	
2016/17-6	000NONPJ	matrix spike, rec	5/15/2017	Anion	Chloride	n/a	=	93	%	EPA 300.0	-88	-88	76	118	
2016/17-6	000NONPJ	matrix spike, rec	5/15/2017	Anion	Chloride	n/a	=	101	%	EPA 300.0	-88	-88	76	118	
2016/17-6	000NONPJ	matrix spike, RPD	5/15/2017	Anion	Chloride	n/a	=	0.4	%	EPA 300.0	-88	-88	0	20	
2016/17-6	000NONPJ	matrix spike, RPD	5/15/2017	Anion	Chloride	n/a	=	0.008	%	EPA 300.0	-88	-88	0	20	
2016/17-6	000NONPJ	matrix spike	5/30/2017	Anion	Chloride	n/a	=	121	mg/L	EPA 300.0	1	5			
2016/17-6	000NONPJ	matrix spike	5/30/2017	Anion	Chloride	n/a	=	236	mg/L	EPA 300.0	1	5			
2016/17-6	000NONPJ	matrix spike dup	5/30/2017	Anion	Chloride	n/a	=	235	mg/L	EPA 300.0	1	5			
2016/17-6	000NONPJ	matrix spike dup	5/30/2017	Anion	Chloride	n/a	=	121	mg/L	EPA 300.0	1	5			
2016/17-6	000NONPJ	matrix spike dup, rec	5/30/2017	Anion	Chloride	n/a	=	103	%	EPA 300.0	-88	-88	76	118	
2016/17-6	000NONPJ	matrix spike dup, rec	5/30/2017	Anion	Chloride	n/a	=	97	%	EPA 300.0	-88	-88	76	118	
2016/17-6	000NONPJ	matrix spike, rec	5/30/2017	Anion	Chloride	n/a	=	104	%	EPA 300.0	-88	-88	76	118	
2016/17-6	000NONPJ	matrix spike, rec	5/30/2017	Anion	Chloride	n/a	=	97	%	EPA 300.0	-88	-88	76	118	
2016/17-6	000NONPJ	matrix spike, RPD	5/30/2017	Anion	Chloride	n/a	=	0.1	%	EPA 300.0	-88	-88	0	20	
2016/17-6	000NONPJ	matrix spike, RPD	5/30/2017	Anion	Chloride	n/a	=	0.3	%	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	
2016/17-6	000NONPJ	matrix spike	6/5/2017	Anion	Chloride	n/a	=	907	mg/L	EPA 300.0	1	5			GB
2016/17-6	000NONPJ	matrix spike	6/5/2017	Anion	Chloride	n/a	=	718	mg/L	EPA 300.0	1	5			GB
2016/17-6	000NONPJ	matrix spike dup	6/5/2017	Anion	Chloride	n/a	=	716	mg/L	EPA 300.0	1	5			GB
2016/17-6	000NONPJ	matrix spike dup	6/5/2017	Anion	Chloride	n/a	=	908	mg/L	EPA 300.0	1	5			GB
2016/17-6	000NONPJ	matrix spike dup, rec	6/5/2017	Anion	Chloride	n/a	=	158	%	EPA 300.0	-88	-88	76	118	GB
2016/17-6	000NONPJ	matrix spike dup, rec	6/5/2017	Anion	Chloride	n/a	=	125	%	EPA 300.0	-88	-88	76	118	GB
2016/17-6	000NONPJ	matrix spike, rec	6/5/2017	Anion	Chloride	n/a	=	127	%	EPA 300.0	-88	-88	76	118	GB
2016/17-6	000NONPJ	matrix spike, rec	6/5/2017	Anion	Chloride	n/a	=	156	%	EPA 300.0	-88	-88	76	118	GB
2016/17-6	000NONPJ	matrix spike, RPD	6/5/2017	Anion	Chloride	n/a	=	0.3	%	EPA 300.0	-88	-88	0	20	
2016/17-6	000NONPJ	matrix spike, RPD	6/5/2017	Anion	Chloride	n/a	=	0.1	%	EPA 300.0	-88	-88	0	20	
2016/17-6	000NONPJ	matrix spike	6/5/2017	Anion	Chloride	n/a	=	192	mg/L	EPA 300.0	1	5			
2016/17-6	000NONPJ	matrix spike	6/5/2017	Anion	Chloride	n/a	=	157	mg/L	EPA 300.0	1	5			
2016/17-6	000NONPJ	matrix spike dup	6/5/2017	Anion	Chloride	n/a	=	157	mg/L	EPA 300.0	1	5			
2016/17-6	000NONPJ	matrix spike dup	6/5/2017	Anion	Chloride	n/a	=	192	mg/L	EPA 300.0	1	5			
2016/17-6	000NONPJ	matrix spike dup, rec	6/5/2017	Anion	Chloride	n/a	=	105	%	EPA 300.0	-88	-88	76	118	
2016/17-6	000NONPJ	matrix spike dup, rec	6/5/2017	Anion	Chloride	n/a	=	101	%	EPA 300.0	-88	-88	76	118	
2016/17-6	000NONPJ	matrix spike, rec	6/5/2017	Anion	Chloride	n/a	=	105	%	EPA 300.0	-88	-88	76	118	
2016/17-6	000NONPJ	matrix spike, rec	6/5/2017	Anion	Chloride	n/a	=	100	%	EPA 300.0	-88	-88	76	118	
2016/17-6	000NONPJ	matrix spike, RPD	6/5/2017	Anion	Chloride	n/a	=	0.09	%	EPA 300.0	-88	-88	0	20	
2016/17-6	000NONPJ	matrix spike, RPD	6/5/2017	Anion	Chloride	n/a	=	0.07	%	EPA 300.0	-88	-88	0	20	
2016/17-6	Lab	LCS	5/15/2017	Anion	Chloride	n/a	=	10.1	mg/L	EPA 300.0	0.1	0.5			
2016/17-6	Lab	LCS, rec	5/15/2017	Anion	Chloride	n/a	=	101	%	EPA 300.0	-88	-88	90	110	
2016/17-6	Lab	method blank	5/15/2017	Anion	Chloride	n/a	<	0.1	mg/L	EPA 300.0	0.1	0.5			
2016/17-6	Lab	LCS	5/30/2017	Anion	Chloride	n/a	=	10.7	mg/L	EPA 300.0	0.1	0.5			
2016/17-6	Lab	LCS, rec	5/30/2017	Anion	Chloride	n/a	=	107	%	EPA 300.0	-88	-88	90	110	
2016/17-6	Lab	method blank	5/30/2017	Anion	Chloride	n/a	<	0.1	mg/L	EPA 300.0	0.1	0.5			
2016/17-6	Lab	LCS	6/5/2017	Anion	Chloride	n/a	=	10.1	mg/L	EPA 300.0	0.1	0.5			
2016/17-6	Lab	LCS, rec	6/5/2017	Anion	Chloride	n/a	=	101	%	EPA 300.0	-88	-88	90	110	
2016/17-6	Lab	method blank	6/5/2017	Anion	Chloride	n/a	<	0.1	mg/L	EPA 300.0	0.1	0.5			
2016/17-6	Lab	LCS	6/5/2017	Anion	Chloride	n/a	=	10.1	mg/L	EPA 300.0	0.1	0.5			
2016/17-6	Lab	LCS, rec	6/5/2017	Anion	Chloride	n/a	=	101	%	EPA 300.0	-88	-88	90	110	
2016/17-6	Lab	method blank	6/5/2017	Anion	Chloride	n/a	<	0.1	mg/L	EPA 300.0	0.1	0.5			
2016/17-6	000NONPJ	matrix spike	5/15/2017	Anion	Fluoride	n/a	=	10.5	mg/L	EPA 300.0	0.2	1			
2016/17-6	000NONPJ	matrix spike	5/15/2017	Anion	Fluoride	n/a	=	10.6	mg/L	EPA 300.0	0.2	1			
2016/17-6	000NONPJ	matrix spike dup	5/15/2017	Anion	Fluoride	n/a	=	10.5	mg/L	EPA 300.0	0.2	1			
2016/17-6	000NONPJ	matrix spike dup	5/15/2017	Anion	Fluoride	n/a	=	10.7	mg/L	EPA 300.0	0.2	1			
2016/17-6	000NONPJ	matrix spike dup, rec	5/15/2017	Anion	Fluoride	n/a	=	102	%	EPA 300.0	-88	-88	86	107	
2016/17-6	000NONPJ	matrix spike dup, rec	5/15/2017	Anion	Fluoride	n/a	=	100	%	EPA 300.0	-88	-88	86	107	
2016/17-6	000NONPJ	matrix spike, rec	5/15/2017	Anion	Fluoride	n/a	=	100	%	EPA 300.0	-88	-88	86	107	
2016/17-6	000NONPJ	matrix spike, rec	5/15/2017	Anion	Fluoride	n/a	=	101	%	EPA 300.0	-88	-88	86	107	
2016/17-6	000NONPJ	matrix spike, RPD	5/15/2017	Anion	Fluoride	n/a	=	0.7	%	EPA 300.0	-88	-88	0	20	
2016/17-6	000NONPJ	matrix spike, RPD	5/15/2017	Anion	Fluoride	n/a	=	0	%	EPA 300.0	-88	-88	0	20	
2016/17-6	000NONPJ	matrix spike	5/30/2017	Anion	Fluoride	n/a	=	10.5	mg/L	EPA 300.0	0.18	1			
2016/17-6	000NONPJ	matrix spike	5/30/2017	Anion	Fluoride	n/a	=	16.8	mg/L	EPA 300.0	0.18	1			
2016/17-6	000NONPJ	matrix spike dup	5/30/2017	Anion	Fluoride	n/a	=	10.5	mg/L	EPA 300.0	0.18	1			
2016/17-6	000NONPJ	matrix spike dup	5/30/2017	Anion	Fluoride	n/a	=	16.7	mg/L	EPA 300.0	0.18	1			
2016/17-6	000NONPJ	matrix spike dup, rec	5/30/2017	Anion	Fluoride	n/a	=	102	%	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	
2016/17-6	000NONPJ	matrix spike dup, rec	5/30/2017	Anion	Fluoride	n/a	=	95	%	EPA 300.0	-88	-88	86	107	
2016/17-6	000NONPJ	matrix spike, rec	5/30/2017	Anion	Fluoride	n/a	=	96	%	EPA 300.0	-88	-88	86	107	
2016/17-6	000NONPJ	matrix spike, rec	5/30/2017	Anion	Fluoride	n/a	=	103	%	EPA 300.0	-88	-88	86	107	
2016/17-6	000NONPJ	matrix spike, RPD	5/30/2017	Anion	Fluoride	n/a	=	0.5	%	EPA 300.0	-88	-88	0	20	
2016/17-6	000NONPJ	matrix spike, RPD	5/30/2017	Anion	Fluoride	n/a	=	0.4	%	EPA 300.0	-88	-88	0	20	
2016/17-6	000NONPJ	matrix spike	6/5/2017	Anion	Fluoride	n/a	=	10.1	mg/L	EPA 300.0	0.2	1			
2016/17-6	000NONPJ	matrix spike	6/5/2017	Anion	Fluoride	n/a	=	10.2	mg/L	EPA 300.0	0.2	1			
2016/17-6	000NONPJ	matrix spike dup	6/5/2017	Anion	Fluoride	n/a	=	10.1	mg/L	EPA 300.0	0.2	1			
2016/17-6	000NONPJ	matrix spike dup	6/5/2017	Anion	Fluoride	n/a	=	10.2	mg/L	EPA 300.0	0.2	1			
2016/17-6	000NONPJ	matrix spike dup, rec	6/5/2017	Anion	Fluoride	n/a	=	99	%	EPA 300.0	-88	-88	86	107	
2016/17-6	000NONPJ	matrix spike dup, rec	6/5/2017	Anion	Fluoride	n/a	=	100	%	EPA 300.0	-88	-88	86	107	
2016/17-6	000NONPJ	matrix spike, rec	6/5/2017	Anion	Fluoride	n/a	=	99	%	EPA 300.0	-88	-88	86	107	
2016/17-6	000NONPJ	matrix spike, rec	6/5/2017	Anion	Fluoride	n/a	=	100	%	EPA 300.0	-88	-88	86	107	
2016/17-6	000NONPJ	matrix spike, RPD	6/5/2017	Anion	Fluoride	n/a	=	0.5	%	EPA 300.0	-88	-88	0	20	
2016/17-6	000NONPJ	matrix spike, RPD	6/5/2017	Anion	Fluoride	n/a	=	0.4	%	EPA 300.0	-88	-88	0	20	
2016/17-6	Lab	LCS	5/15/2017	Anion	Fluoride	n/a	=	1.09	mg/L	EPA 300.0	0.02	0.1			
2016/17-6	Lab	LCS, rec	5/15/2017	Anion	Fluoride	n/a	=	106	%	EPA 300.0	-88	-88	90	110	
2016/17-6	Lab	method blank	5/15/2017	Anion	Fluoride	n/a	<	0.02	mg/L	EPA 300.0	0.02	0.1			
2016/17-6	Lab	LCS	5/30/2017	Anion	Fluoride	n/a	=	1.01	mg/L	EPA 300.0	0.018	0.1			
2016/17-6	Lab	LCS, rec	5/30/2017	Anion	Fluoride	n/a	=	99	%	EPA 300.0	-88	-88	90	110	
2016/17-6	Lab	method blank	5/30/2017	Anion	Fluoride	n/a	<	0.018	mg/L	EPA 300.0	0.018	0.1			
2016/17-6	Lab	LCS	6/5/2017	Anion	Fluoride	n/a	=	1.02	mg/L	EPA 300.0	0.02	0.1			
2016/17-6	Lab	LCS, rec	6/5/2017	Anion	Fluoride	n/a	=	100	%	EPA 300.0	-88	-88	90	110	
2016/17-6	Lab	method blank	6/5/2017	Anion	Fluoride	n/a	<	0.02	mg/L	EPA 300.0	0.02	0.1			
2016/17-6	000NONPJ	matrix spike	5/12/2017	Anion	Perchlorate	n/a	=	8.1	µg/L	EPA 314.0	0.95	2			
2016/17-6	000NONPJ	matrix spike, rec	5/12/2017	Anion	Perchlorate	n/a	=	81	%	EPA 314.0	-88	-88	80	120	
2016/17-6	000NONPJ	matrix spike dup	5/12/2017	Anion	Perchlorate	n/a	=	8.37	µg/L	EPA 314.0	0.95	2			
2016/17-6	000NONPJ	matrix spike dup, rec	5/12/2017	Anion	Perchlorate	n/a	=	84	%	EPA 314.0	-88	-88	80	120	
2016/17-6	000NONPJ	matrix spike, RPD	5/12/2017	Anion	Perchlorate	n/a	=	3	%	EPA 314.0	-88	-88	0	15	
2016/17-6	000NONPJ	matrix spike	5/31/2017	Anion	Perchlorate	n/a	=	17.3	µg/L	EPA 314.0	0.95	2			
2016/17-6	000NONPJ	matrix spike, rec	5/31/2017	Anion	Perchlorate	n/a	=	105	%	EPA 314.0	-88	-88	80	120	
2016/17-6	000NONPJ	matrix spike dup	5/31/2017	Anion	Perchlorate	n/a	=	17.9	µg/L	EPA 314.0	0.95	2			
2016/17-6	000NONPJ	matrix spike dup, rec	5/31/2017	Anion	Perchlorate	n/a	=	111	%	EPA 314.0	-88	-88	80	120	
2016/17-6	000NONPJ	matrix spike, RPD	5/31/2017	Anion	Perchlorate	n/a	=	3	%	EPA 314.0	-88	-88	0	15	
2016/17-6	000NONPJ	matrix spike	6/20/2017	Anion	Perchlorate	n/a	=	60	µg/L	EPA 314.0	4.8	10			GB
2016/17-6	000NONPJ	matrix spike, rec	6/20/2017	Anion	Perchlorate	n/a	=	-11	%	EPA 314.0	-88	-88	80	120	GB
2016/17-6	000NONPJ	matrix spike dup	6/20/2017	Anion	Perchlorate	n/a	=	87.6	µg/L	EPA 314.0	4.8	10			GB
2016/17-6	000NONPJ	matrix spike dup, rec	6/20/2017	Anion	Perchlorate	n/a	=	44	%	EPA 314.0	-88	-88	80	120	GB
2016/17-6	000NONPJ	matrix spike, RPD	6/20/2017	Anion	Perchlorate	n/a	=	37	%	EPA 314.0	-88	-88	0	15	IL
2016/17-6	Lab	method blank	5/12/2017	Anion	Perchlorate	n/a	<	0.95	µg/L	EPA 314.0	0.95	2			
2016/17-6	Lab	LCS	5/12/2017	Anion	Perchlorate	n/a	=	10.8	µg/L	EPA 314.0	0.95	2			
2016/17-6	Lab	LCS, rec	5/12/2017	Anion	Perchlorate	n/a	=	108	%	EPA 314.0	-88	-88	85	115	
2016/17-6	Lab	method blank	5/31/2017	Anion	Perchlorate	n/a	<	0.95	µg/L	EPA 314.0	0.95	2			
2016/17-6	Lab	LCS	5/31/2017	Anion	Perchlorate	n/a	=	10.6	µg/L	EPA 314.0	0.95	2			
2016/17-6	Lab	LCS, rec	5/31/2017	Anion	Perchlorate	n/a	=	106	%	EPA 314.0	-88	-88	85	115	
2016/17-6	Lab	method blank	6/20/2017	Anion	Perchlorate	n/a	<	0.95	µg/L	EPA 314.0	0.95	2			
2016/17-6	Lab	LCS	6/20/2017	Anion	Perchlorate	n/a	=	9.71	µg/L	EPA 314.0	0.95	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	
2016/17-6	Lab	LCS, rec	6/20/2017	Anion	Perchlorate	n/a	=	97	%	EPA 314.0	-88	-88	85	115	
2016/17-6	000NONPJ	matrix spike	5/15/2017	Anion	Sulfate	Total	=	262	mg/L	EPA 300.0	1	5			
2016/17-6	000NONPJ	matrix spike	5/15/2017	Anion	Sulfate	Total	=	145	mg/L	EPA 300.0	1	5			
2016/17-6	000NONPJ	matrix spike dup	5/15/2017	Anion	Sulfate	Total	=	262	mg/L	EPA 300.0	1	5			
2016/17-6	000NONPJ	matrix spike dup	5/15/2017	Anion	Sulfate	Total	=	145	mg/L	EPA 300.0	1	5			
2016/17-6	000NONPJ	matrix spike dup, rec	5/15/2017	Anion	Sulfate	Total	=	106	%	EPA 300.0	-88	-88	78	111	
2016/17-6	000NONPJ	matrix spike dup, rec	5/15/2017	Anion	Sulfate	Total	=	101	%	EPA 300.0	-88	-88	78	111	
2016/17-6	000NONPJ	matrix spike, rec	5/15/2017	Anion	Sulfate	Total	=	100	%	EPA 300.0	-88	-88	78	111	
2016/17-6	000NONPJ	matrix spike, rec	5/15/2017	Anion	Sulfate	Total	=	106	%	EPA 300.0	-88	-88	78	111	
2016/17-6	000NONPJ	matrix spike, RPD	5/15/2017	Anion	Sulfate	Total	=	0.2	%	EPA 300.0	-88	-88	0	20	
2016/17-6	000NONPJ	matrix spike, RPD	5/15/2017	Anion	Sulfate	Total	=	0.5	%	EPA 300.0	-88	-88	0	20	
2016/17-6	000NONPJ	matrix spike	5/30/2017	Anion	Sulfate	Total	=	130	mg/L	EPA 300.0	1	5			
2016/17-6	000NONPJ	matrix spike	5/30/2017	Anion	Sulfate	Total	=	349	mg/L	EPA 300.0	1	5			GB
2016/17-6	000NONPJ	matrix spike dup	5/30/2017	Anion	Sulfate	Total	=	348	mg/L	EPA 300.0	1	5			GB
2016/17-6	000NONPJ	matrix spike dup	5/30/2017	Anion	Sulfate	Total	=	130	mg/L	EPA 300.0	1	5			
2016/17-6	000NONPJ	matrix spike dup, rec	5/30/2017	Anion	Sulfate	Total	=	146	%	EPA 300.0	-88	-88	78	111	GB
2016/17-6	000NONPJ	matrix spike dup, rec	5/30/2017	Anion	Sulfate	Total	=	102	%	EPA 300.0	-88	-88	78	111	
2016/17-6	000NONPJ	matrix spike, rec	5/30/2017	Anion	Sulfate	Total	=	147	%	EPA 300.0	-88	-88	78	111	GB
2016/17-6	000NONPJ	matrix spike, rec	5/30/2017	Anion	Sulfate	Total	=	102	%	EPA 300.0	-88	-88	78	111	
2016/17-6	000NONPJ	matrix spike, RPD	5/30/2017	Anion	Sulfate	Total	=	0.3	%	EPA 300.0	-88	-88	0	20	
2016/17-6	000NONPJ	matrix spike, RPD	5/30/2017	Anion	Sulfate	Total	=	0.4	%	EPA 300.0	-88	-88	0	20	
2016/17-6	000NONPJ	matrix spike	6/5/2017	Anion	Sulfate	Total	=	252	mg/L	EPA 300.0	1	5			GB
2016/17-6	000NONPJ	matrix spike	6/5/2017	Anion	Sulfate	Total	=	274	mg/L	EPA 300.0	1	5			GB
2016/17-6	000NONPJ	matrix spike dup	6/5/2017	Anion	Sulfate	Total	=	250	mg/L	EPA 300.0	1	5			GB
2016/17-6	000NONPJ	matrix spike dup	6/5/2017	Anion	Sulfate	Total	=	275	mg/L	EPA 300.0	1	5			GB
2016/17-6	000NONPJ	matrix spike dup, rec	6/5/2017	Anion	Sulfate	Total	=	117	%	EPA 300.0	-88	-88	78	111	GB
2016/17-6	000NONPJ	matrix spike dup, rec	6/5/2017	Anion	Sulfate	Total	=	112	%	EPA 300.0	-88	-88	78	111	GB
2016/17-6	000NONPJ	matrix spike, rec	6/5/2017	Anion	Sulfate	Total	=	114	%	EPA 300.0	-88	-88	78	111	GB
2016/17-6	000NONPJ	matrix spike, rec	6/5/2017	Anion	Sulfate	Total	=	117	%	EPA 300.0	-88	-88	78	111	GB
2016/17-6	000NONPJ	matrix spike, RPD	6/5/2017	Anion	Sulfate	Total	=	0.2	%	EPA 300.0	-88	-88	0	20	
2016/17-6	000NONPJ	matrix spike, RPD	6/5/2017	Anion	Sulfate	Total	=	0.6	%	EPA 300.0	-88	-88	0	20	
2016/17-6	000NONPJ	matrix spike	6/5/2017	Anion	Sulfate	Total	=	600	mg/L	EPA 300.0	1	5			GB
2016/17-6	000NONPJ	matrix spike	6/5/2017	Anion	Sulfate	Total	=	184	mg/L	EPA 300.0	1	5			
2016/17-6	000NONPJ	matrix spike dup	6/5/2017	Anion	Sulfate	Total	=	184	mg/L	EPA 300.0	1	5			
2016/17-6	000NONPJ	matrix spike dup	6/5/2017	Anion	Sulfate	Total	=	599	mg/L	EPA 300.0	1	5			GB
2016/17-6	000NONPJ	matrix spike dup, rec	6/5/2017	Anion	Sulfate	Total	=	125	%	EPA 300.0	-88	-88	78	111	GB
2016/17-6	000NONPJ	matrix spike dup, rec	6/5/2017	Anion	Sulfate	Total	=	108	%	EPA 300.0	-88	-88	78	111	
2016/17-6	000NONPJ	matrix spike, rec	6/5/2017	Anion	Sulfate	Total	=	125	%	EPA 300.0	-88	-88	78	111	GB
2016/17-6	000NONPJ	matrix spike, rec	6/5/2017	Anion	Sulfate	Total	=	108	%	EPA 300.0	-88	-88	78	111	
2016/17-6	000NONPJ	matrix spike, RPD	6/5/2017	Anion	Sulfate	Total	=	0.1	%	EPA 300.0	-88	-88	0	20	
2016/17-6	000NONPJ	matrix spike, RPD	6/5/2017	Anion	Sulfate	Total	=	0.06	%	EPA 300.0	-88	-88	0	20	
2016/17-6	Lab	LCS	5/15/2017	Anion	Sulfate	Total	=	10.4	mg/L	EPA 300.0	0.1	0.5			
2016/17-6	Lab	LCS, rec	5/15/2017	Anion	Sulfate	Total	=	104	%	EPA 300.0	-88	-88	90	110	
2016/17-6	Lab	method blank	5/15/2017	Anion	Sulfate	Total	DNQ	0.101	mg/L	EPA 300.0	0.1	0.5			IP
2016/17-6	Lab	LCS	5/30/2017	Anion	Sulfate	Total	=	10.7	mg/L	EPA 300.0	0.1	0.5			
2016/17-6	Lab	LCS, rec	5/30/2017	Anion	Sulfate	Total	=	107	%	EPA 300.0	-88	-88	90	110	
2016/17-6	Lab	method blank	5/30/2017	Anion	Sulfate	Total	DNQ	0.125	mg/L	EPA 300.0	0.1	0.5			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	
2016/17-6	Lab	LCS	6/5/2017	Anion	Sulfate	Total	=	10.3	mg/L	EPA 300.0	0.1	0.5			
2016/17-6	Lab	LCS, rec	6/5/2017	Anion	Sulfate	Total	=	103	%	EPA 300.0	-88	-88	90	110	
2016/17-6	Lab	method blank	6/5/2017	Anion	Sulfate	Total	<	0.1	mg/L	EPA 300.0	0.1	0.5			
2016/17-6	Lab	LCS	6/5/2017	Anion	Sulfate	Total	=	10.5	mg/L	EPA 300.0	0.1	0.5			
2016/17-6	Lab	LCS, rec	6/5/2017	Anion	Sulfate	Total	=	105	%	EPA 300.0	-88	-88	90	110	
2016/17-6	Lab	method blank	6/5/2017	Anion	Sulfate	Total	<	0.1	mg/L	EPA 300.0	0.1	0.5			
2016/17-6	Lab	method blank	5/19/2017	Cation	Calcium	Total	<	0.016	mg/L	EPA 200.7	0.016	0.1			
2016/17-6	Lab	LCS	5/19/2017	Cation	Calcium	Total	=	51.5	mg/L	EPA 200.7	0.016	0.1			
2016/17-6	Lab	LCS, rec	5/19/2017	Cation	Calcium	Total	=	103	%	EPA 200.7	-88	-88	85	115	
2016/17-6	Lab	method blank	6/8/2017	Cation	Calcium	Total	<	0.016	mg/L	EPA 200.7	0.016	0.1			
2016/17-6	Lab	LCS	6/8/2017	Cation	Calcium	Total	=	52	mg/L	EPA 200.7	0.016	0.1			
2016/17-6	Lab	LCS, rec	6/8/2017	Cation	Calcium	Total	=	104	%	EPA 200.7	-88	-88	85	115	
2016/17-6	Lab	method blank	6/9/2017	Cation	Calcium	Total	<	0.016	mg/L	EPA 200.7	0.016	0.1			
2016/17-6	Lab	LCS	6/9/2017	Cation	Calcium	Total	=	51.8	mg/L	EPA 200.7	0.016	0.1			
2016/17-6	Lab	LCS, rec	6/9/2017	Cation	Calcium	Total	=	103	%	EPA 200.7	-88	-88	85	115	
2016/17-6	ME-CC	matrix spike	6/9/2017	Cation	Calcium	Total	=	154	mg/L	EPA 200.7	0.016	0.1			
2016/17-6	ME-CC	matrix spike, rec	6/9/2017	Cation	Calcium	Total	=	103	%	EPA 200.7	-88	-88	70	130	
2016/17-6	ME-CC	matrix spike dup	6/9/2017	Cation	Calcium	Total	=	153	mg/L	EPA 200.7	0.016	0.1			
2016/17-6	ME-CC	matrix spike dup, rec	6/9/2017	Cation	Calcium	Total	=	100	%	EPA 200.7	-88	-88	70	130	
2016/17-6	ME-CC	matrix spike, RPD	6/9/2017	Cation	Calcium	Total	=	0.8	%	EPA 200.7	-88	-88	0	30	
2016/17-6	ME-SCR	matrix spike	5/19/2017	Cation	Calcium	Total	=	226	mg/L	EPA 200.7	0.016	0.1			
2016/17-6	ME-SCR	matrix spike, rec	5/19/2017	Cation	Calcium	Total	=	77	%	EPA 200.7	-88	-88	70	130	
2016/17-6	ME-SCR	matrix spike dup	5/19/2017	Cation	Calcium	Total	=	222	mg/L	EPA 200.7	0.016	0.1			GB
2016/17-6	ME-SCR	matrix spike dup, rec	5/19/2017	Cation	Calcium	Total	=	69	%	EPA 200.7	-88	-88	70	130	GB
2016/17-6	ME-SCR	matrix spike, RPD	5/19/2017	Cation	Calcium	Total	=	2	%	EPA 200.7	-88	-88	0	30	
2016/17-6	ME-VR2	matrix spike	6/8/2017	Cation	Calcium	Total	=	204	mg/L	EPA 200.7	0.016	0.1			GB
2016/17-6	ME-VR2	matrix spike, rec	6/8/2017	Cation	Calcium	Total	=	133	%	EPA 200.7	-88	-88	70	130	GB
2016/17-6	ME-VR2	matrix spike dup	6/8/2017	Cation	Calcium	Total	=	190	mg/L	EPA 200.7	0.016	0.1			
2016/17-6	ME-VR2	matrix spike dup, rec	6/8/2017	Cation	Calcium	Total	=	105	%	EPA 200.7	-88	-88	70	130	
2016/17-6	ME-VR2	matrix spike, RPD	6/8/2017	Cation	Calcium	Total	=	7	%	EPA 200.7	-88	-88	0	30	
2016/17-6	Lab	method blank	5/19/2017	Cation	Magnesium	Total	<	0.012	mg/L	EPA 200.7	0.012	0.1			
2016/17-6	Lab	LCS	5/19/2017	Cation	Magnesium	Total	=	52.2	mg/L	EPA 200.7	0.012	0.1			
2016/17-6	Lab	LCS, rec	5/19/2017	Cation	Magnesium	Total	=	104	%	EPA 200.7	-88	-88	85	115	
2016/17-6	Lab	method blank	6/8/2017	Cation	Magnesium	Total	<	0.012	mg/L	EPA 200.7	0.012	0.1			
2016/17-6	Lab	LCS	6/8/2017	Cation	Magnesium	Total	=	51	mg/L	EPA 200.7	0.012	0.1			
2016/17-6	Lab	LCS, rec	6/8/2017	Cation	Magnesium	Total	=	102	%	EPA 200.7	-88	-88	85	115	
2016/17-6	Lab	method blank	6/9/2017	Cation	Magnesium	Total	<	0.012	mg/L	EPA 200.7	0.012	0.1			
2016/17-6	Lab	LCS	6/9/2017	Cation	Magnesium	Total	=	50.7	mg/L	EPA 200.7	0.012	0.1			
2016/17-6	Lab	LCS, rec	6/9/2017	Cation	Magnesium	Total	=	101	%	EPA 200.7	-88	-88	85	115	
2016/17-6	ME-CC	matrix spike	6/9/2017	Cation	Magnesium	Total	=	112	mg/L	EPA 200.7	0.012	0.1			
2016/17-6	ME-CC	matrix spike, rec	6/9/2017	Cation	Magnesium	Total	=	104	%	EPA 200.7	-88	-88	70	130	
2016/17-6	ME-CC	matrix spike dup	6/9/2017	Cation	Magnesium	Total	=	112	mg/L	EPA 200.7	0.012	0.1			
2016/17-6	ME-CC	matrix spike dup, rec	6/9/2017	Cation	Magnesium	Total	=	103	%	EPA 200.7	-88	-88	70	130	
2016/17-6	ME-CC	matrix spike, RPD	6/9/2017	Cation	Magnesium	Total	=	0.7	%	EPA 200.7	-88	-88	0	30	
2016/17-6	ME-SCR	matrix spike	5/19/2017	Cation	Magnesium	Total	=	138	mg/L	EPA 200.7	0.012	0.1			
2016/17-6	ME-SCR	matrix spike, rec	5/19/2017	Cation	Magnesium	Total	=	95	%	EPA 200.7	-88	-88	70	130	
2016/17-6	ME-SCR	matrix spike dup	5/19/2017	Cation	Magnesium	Total	=	136	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	
2016/17-6	ME-SCR	matrix spike dup, rec	5/19/2017	Cation	Magnesium	Total	=	90	%	EPA 200.7	-88	-88	70	130	
2016/17-6	ME-SCR	matrix spike, RPD	5/19/2017	Cation	Magnesium	Total	=	2	%	EPA 200.7	-88	-88	0	30	
2016/17-6	ME-VR2	matrix spike	6/8/2017	Cation	Magnesium	Total	=	94.8	mg/L	EPA 200.7	0.012	0.1			
2016/17-6	ME-VR2	matrix spike, rec	6/8/2017	Cation	Magnesium	Total	=	117	%	EPA 200.7	-88	-88	70	130	
2016/17-6	ME-VR2	matrix spike dup	6/8/2017	Cation	Magnesium	Total	=	88.1	mg/L	EPA 200.7	0.012	0.1			
2016/17-6	ME-VR2	matrix spike dup, rec	6/8/2017	Cation	Magnesium	Total	=	104	%	EPA 200.7	-88	-88	70	130	
2016/17-6	ME-VR2	matrix spike, RPD	6/8/2017	Cation	Magnesium	Total	=	7	%	EPA 200.7	-88	-88	0	30	
2016/17-6	Lab	method blank	5/19/2017	Cation	Potassium	Total	<	0.081	mg/L	EPA 200.7	0.081	0.1			
2016/17-6	Lab	LCS	5/19/2017	Cation	Potassium	Total	=	54.6	mg/L	EPA 200.7	0.081	0.1			
2016/17-6	Lab	LCS, rec	5/19/2017	Cation	Potassium	Total	=	109	%	EPA 200.7	-88	-88	85	115	
2016/17-6	Lab	method blank	6/8/2017	Cation	Potassium	Total	<	0.081	mg/L	EPA 200.7	0.081	0.1			
2016/17-6	Lab	LCS	6/8/2017	Cation	Potassium	Total	=	54.2	mg/L	EPA 200.7	0.081	0.1			
2016/17-6	Lab	LCS, rec	6/8/2017	Cation	Potassium	Total	=	108	%	EPA 200.7	-88	-88	85	115	
2016/17-6	Lab	method blank	6/9/2017	Cation	Potassium	Total	<	0.081	mg/L	EPA 200.7	0.081	0.1			
2016/17-6	Lab	LCS	6/9/2017	Cation	Potassium	Total	=	54.1	mg/L	EPA 200.7	0.081	0.1			
2016/17-6	Lab	LCS, rec	6/9/2017	Cation	Potassium	Total	=	108	%	EPA 200.7	-88	-88	85	115	
2016/17-6	ME-CC	matrix spike	6/9/2017	Cation	Potassium	Total	=	76.1	mg/L	EPA 200.7	0.081	0.1			
2016/17-6	ME-CC	matrix spike, rec	6/9/2017	Cation	Potassium	Total	=	120	%	EPA 200.7	-88	-88	70	130	
2016/17-6	ME-CC	matrix spike dup	6/9/2017	Cation	Potassium	Total	=	76	mg/L	EPA 200.7	0.081	0.1			
2016/17-6	ME-CC	matrix spike dup, rec	6/9/2017	Cation	Potassium	Total	=	120	%	EPA 200.7	-88	-88	70	130	
2016/17-6	ME-CC	matrix spike, RPD	6/9/2017	Cation	Potassium	Total	=	0.07	%	EPA 200.7	-88	-88	0	30	
2016/17-6	ME-SCR	matrix spike	5/19/2017	Cation	Potassium	Total	=	61.1	mg/L	EPA 200.7	0.081	0.1			
2016/17-6	ME-SCR	matrix spike, rec	5/19/2017	Cation	Potassium	Total	=	110	%	EPA 200.7	-88	-88	70	130	
2016/17-6	ME-SCR	matrix spike dup	5/19/2017	Cation	Potassium	Total	=	60.2	mg/L	EPA 200.7	0.081	0.1			
2016/17-6	ME-SCR	matrix spike dup, rec	5/19/2017	Cation	Potassium	Total	=	109	%	EPA 200.7	-88	-88	70	130	
2016/17-6	ME-SCR	matrix spike, RPD	5/19/2017	Cation	Potassium	Total	=	1	%	EPA 200.7	-88	-88	0	30	
2016/17-6	ME-VR2	matrix spike	6/8/2017	Cation	Potassium	Total	=	64.2	mg/L	EPA 200.7	0.081	0.1			
2016/17-6	ME-VR2	matrix spike, rec	6/8/2017	Cation	Potassium	Total	=	122	%	EPA 200.7	-88	-88	70	130	
2016/17-6	ME-VR2	matrix spike dup	6/8/2017	Cation	Potassium	Total	=	59.6	mg/L	EPA 200.7	0.081	0.1			
2016/17-6	ME-VR2	matrix spike dup, rec	6/8/2017	Cation	Potassium	Total	=	113	%	EPA 200.7	-88	-88	70	130	
2016/17-6	ME-VR2	matrix spike, RPD	6/8/2017	Cation	Potassium	Total	=	8	%	EPA 200.7	-88	-88	0	30	
2016/17-6	Lab	method blank	5/19/2017	Cation	Sodium	Total	<	0.015	mg/L	EPA 200.7	0.015	0.5			
2016/17-6	Lab	LCS	5/19/2017	Cation	Sodium	Total	=	52.9	mg/L	EPA 200.7	0.015	0.5			
2016/17-6	Lab	LCS, rec	5/19/2017	Cation	Sodium	Total	=	105	%	EPA 200.7	-88	-88	85	115	
2016/17-6	Lab	method blank	6/8/2017	Cation	Sodium	Total	=	1.04	mg/L	EPA 200.7	0.015	0.5			IP
2016/17-6	Lab	LCS	6/8/2017	Cation	Sodium	Total	=	54.3	mg/L	EPA 200.7	0.015	0.5			
2016/17-6	Lab	LCS, rec	6/8/2017	Cation	Sodium	Total	=	108	%	EPA 200.7	-88	-88	85	115	
2016/17-6	Lab	method blank	6/9/2017	Cation	Sodium	Total	=	0.575	mg/L	EPA 200.7	0.015	0.5			IP
2016/17-6	Lab	LCS	6/9/2017	Cation	Sodium	Total	=	52.1	mg/L	EPA 200.7	0.015	0.5			
2016/17-6	Lab	LCS, rec	6/9/2017	Cation	Sodium	Total	=	104	%	EPA 200.7	-88	-88	85	115	
2016/17-6	Lab	method blank	6/11/2017	Cation	Sodium	Total	<	0.015	mg/L	EPA 200.7	0.015	0.5			
2016/17-6	Lab	LCS	6/11/2017	Cation	Sodium	Total	=	51.2	mg/L	EPA 200.7	0.015	0.5			
2016/17-6	Lab	LCS, rec	6/11/2017	Cation	Sodium	Total	=	102	%	EPA 200.7	-88	-88	85	115	
2016/17-6	ME-CC	matrix spike	6/9/2017	Cation	Sodium	Total	=	250	mg/L	EPA 200.7	0.015	0.5			
2016/17-6	ME-CC	matrix spike, rec	6/9/2017	Cation	Sodium	Total	=	105	%	EPA 200.7	-88	-88	70	130	
2016/17-6	ME-CC	matrix spike dup	6/9/2017	Cation	Sodium	Total	=	247	mg/L	EPA 200.7	0.015	0.5			
2016/17-6	ME-CC	matrix spike dup, rec	6/9/2017	Cation	Sodium	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	
2016/17-6	ME-CC	matrix spike, RPD	6/9/2017	Cation	Sodium	Total	=	1	%	EPA 200.7	-88	-88	0	30	
2016/17-6	ME-SCR	matrix spike	5/19/2017	Cation	Sodium	Total	=	199	mg/L	EPA 200.7	0.015	0.5			
2016/17-6	ME-SCR	matrix spike, rec	5/19/2017	Cation	Sodium	Total	=	83	%	EPA 200.7	-88	-88	70	130	
2016/17-6	ME-SCR	matrix spike dup	5/19/2017	Cation	Sodium	Total	=	195	mg/L	EPA 200.7	0.015	0.5			
2016/17-6	ME-SCR	matrix spike dup, rec	5/19/2017	Cation	Sodium	Total	=	75	%	EPA 200.7	-88	-88	70	130	
2016/17-6	ME-SCR	matrix spike, RPD	5/19/2017	Cation	Sodium	Total	=	2	%	EPA 200.7	-88	-88	0	30	
2016/17-6	ME-VR2	matrix spike	6/8/2017	Cation	Sodium	Total	=	124	mg/L	EPA 200.7	0.015	0.5			
2016/17-6	ME-VR2	matrix spike, rec	6/8/2017	Cation	Sodium	Total	=	125	%	EPA 200.7	-88	-88	70	130	
2016/17-6	ME-VR2	matrix spike dup	6/8/2017	Cation	Sodium	Total	=	114	mg/L	EPA 200.7	0.015	0.5			
2016/17-6	ME-VR2	matrix spike dup, rec	6/8/2017	Cation	Sodium	Total	=	106	%	EPA 200.7	-88	-88	70	130	
2016/17-6	ME-VR2	matrix spike, RPD	6/8/2017	Cation	Sodium	Total	=	8	%	EPA 200.7	-88	-88	0	30	
2016/17-6	ME-VR2	matrix spike	6/11/2017	Cation	Sodium	Total	=	109	mg/L	EPA 200.7	0.015	0.5			
2016/17-6	ME-VR2	matrix spike, rec	6/11/2017	Cation	Sodium	Total	=	96	%	EPA 200.7	-88	-88	70	130	
2016/17-6	ME-VR2	matrix spike dup	6/11/2017	Cation	Sodium	Total	=	112	mg/L	EPA 200.7	0.015	0.5			
2016/17-6	ME-VR2	matrix spike dup, rec	6/11/2017	Cation	Sodium	Total	=	102	%	EPA 200.7	-88	-88	70	130	
2016/17-6	ME-VR2	matrix spike, RPD	6/11/2017	Cation	Sodium	Total	=	2	%	EPA 200.7	-88	-88	0	30	
2016/17-6	000NONPJ	lab duplicate	5/12/2017	Conventional	Alkalinity as CaCO3	n/a	=	55.9	mg/L	SM 2320 B	0.56	2		15	
2016/17-6	000NONPJ	lab duplicate	5/24/2017	Conventional	Alkalinity as CaCO3	n/a	=	103	mg/L	SM 2320 B	0.56	10		15	
2016/17-6	Lab	LCS	5/5/2017	Conventional	Alkalinity as CaCO3	n/a	=	245	mg/L	SM 2320 B	0.56	10			
2016/17-6	Lab	LCS, rec	5/5/2017	Conventional	Alkalinity as CaCO3	n/a	=	98	%	SM 2320 B	-88	-88	94	108	
2016/17-6	Lab	method blank	5/5/2017	Conventional	Alkalinity as CaCO3	n/a	DNQ	3.03	mg/L	SM 2320 B	0.56	10			IP
2016/17-6	Lab	LCS	5/12/2017	Conventional	Alkalinity as CaCO3	n/a	=	262	mg/L	SM 2320 B	0.56	2			
2016/17-6	Lab	LCS, rec	5/12/2017	Conventional	Alkalinity as CaCO3	n/a	=	105	%	SM 2320 B	-88	-88	94	108	
2016/17-6	Lab	method blank	5/12/2017	Conventional	Alkalinity as CaCO3	n/a	DNQ	1.55	mg/L	SM 2320 B	0.56	2			IP
2016/17-6	Lab	LCS	5/19/2017	Conventional	Alkalinity as CaCO3	n/a	=	244	mg/L	SM 2320 B	0.56	10			
2016/17-6	Lab	LCS, rec	5/19/2017	Conventional	Alkalinity as CaCO3	n/a	=	98	%	SM 2320 B	-88	-88	94	108	
2016/17-6	Lab	method blank	5/19/2017	Conventional	Alkalinity as CaCO3	n/a	DNQ	2.69	mg/L	SM 2320 B	0.56	10			IP
2016/17-6	Lab	LCS	5/24/2017	Conventional	Alkalinity as CaCO3	n/a	=	241	mg/L	SM 2320 B	0.56	10			
2016/17-6	Lab	LCS, rec	5/24/2017	Conventional	Alkalinity as CaCO3	n/a	=	97	%	SM 2320 B	-88	-88	94	108	
2016/17-6	Lab	method blank	5/24/2017	Conventional	Alkalinity as CaCO3	n/a	DNQ	2.88	mg/L	SM 2320 B	0.56	10			IP
2016/17-6	ME-CC	lab duplicate	5/19/2017	Conventional	Alkalinity as CaCO3	n/a	=	272	mg/L	SM 2320 B	0.56	10		15	
2016/17-6	ME-SCR	lab duplicate	5/5/2017	Conventional	Alkalinity as CaCO3	n/a	=	179	mg/L	SM 2320 B	0.56	10		15	
2016/17-6	000NONPJ	lab duplicate	5/10/2017	Conventional	BOD	n/a	<	2	mg/L	SM 5210 B	2	2		20	
2016/17-6	000NONPJ	lab duplicate	5/24/2017	Conventional	BOD	n/a	=	912	mg/L	SM 5210 B	2	2		20	
2016/17-6	Lab	LCS	5/10/2017	Conventional	BOD	n/a	=	194	mg/L	SM 5210 B	2	2			
2016/17-6	Lab	LCS, rec	5/10/2017	Conventional	BOD	n/a	=	98	%	SM 5210 B	-88	-88	85	115	
2016/17-6	Lab	LCS	5/24/2017	Conventional	BOD	n/a	=	204	mg/L	SM 5210 B	2	2			
2016/17-6	Lab	LCS, rec	5/24/2017	Conventional	BOD	n/a	=	103	%	SM 5210 B	-88	-88	85	115	
2016/17-6	Lab	LCS	5/29/2017	Conventional	BOD	n/a	=	180	mg/L	SM 5210 B	2	2			
2016/17-6	Lab	LCS, rec	5/29/2017	Conventional	BOD	n/a	=	91	%	SM 5210 B	-88	-88	85	115	
2016/17-6	MO-HUE	lab duplicate	5/29/2017	Conventional	BOD	n/a	=	8.11	mg/L	SM 5210 B	2	2		20	
2016/17-6	000NONPJ	lab duplicate	5/10/2017	Conventional	COD	n/a	=	805	mg/L	EPA 410.4	1.5	10		15	
2016/17-6	000NONPJ	matrix spike	5/10/2017	Conventional	COD	n/a	=	212	mg/L	EPA 410.4	1.5	10			
2016/17-6	000NONPJ	matrix spike	5/10/2017	Conventional	COD	n/a	=	227	mg/L	EPA 410.4	1.5	10			
2016/17-6	000NONPJ	matrix spike dup	5/10/2017	Conventional	COD	n/a	=	209	mg/L	EPA 410.4	1.5	10			
2016/17-6	000NONPJ	matrix spike dup	5/10/2017	Conventional	COD	n/a	=	228	mg/L	EPA 410.4	1.5	10			
2016/17-6	000NONPJ	matrix spike dup, rec	5/10/2017	Conventional	COD	n/a	=	99	%	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	
2016/17-6	000NONPJ	matrix spike dup, rec	5/10/2017	Conventional	COD	n/a	=	96	%	EPA 410.4	-88	-88	90	110	
2016/17-6	000NONPJ	matrix spike, rec	5/10/2017	Conventional	COD	n/a	=	95	%	EPA 410.4	-88	-88	90	110	
2016/17-6	000NONPJ	matrix spike, rec	5/10/2017	Conventional	COD	n/a	=	100	%	EPA 410.4	-88	-88	90	110	
2016/17-6	000NONPJ	matrix spike, RPD	5/10/2017	Conventional	COD	n/a	=	0.5	%	EPA 410.4	-88	-88	0	15	
2016/17-6	000NONPJ	matrix spike, RPD	5/10/2017	Conventional	COD	n/a	=	1	%	EPA 410.4	-88	-88	0	15	
2016/17-6	000NONPJ	lab duplicate	5/15/2017	Conventional	COD	n/a	=	817	mg/L	EPA 410.4	1.5	10		15	
2016/17-6	000NONPJ	matrix spike	5/15/2017	Conventional	COD	n/a	=	221	mg/L	EPA 410.4	1.5	10			
2016/17-6	000NONPJ	matrix spike	5/15/2017	Conventional	COD	n/a	=	266	mg/L	EPA 410.4	1.5	10			
2016/17-6	000NONPJ	matrix spike dup	5/15/2017	Conventional	COD	n/a	=	276	mg/L	EPA 410.4	1.5	10			
2016/17-6	000NONPJ	matrix spike dup	5/15/2017	Conventional	COD	n/a	=	240	mg/L	EPA 410.4	1.5	10			
2016/17-6	000NONPJ	matrix spike dup, rec	5/15/2017	Conventional	COD	n/a	=	98	%	EPA 410.4	-88	-88	90	110	
2016/17-6	000NONPJ	matrix spike dup, rec	5/15/2017	Conventional	COD	n/a	=	104	%	EPA 410.4	-88	-88	90	110	
2016/17-6	000NONPJ	matrix spike, rec	5/15/2017	Conventional	COD	n/a	=	93	%	EPA 410.4	-88	-88	90	110	
2016/17-6	000NONPJ	matrix spike, rec	5/15/2017	Conventional	COD	n/a	=	95	%	EPA 410.4	-88	-88	90	110	
2016/17-6	000NONPJ	matrix spike, RPD	5/15/2017	Conventional	COD	n/a	=	8	%	EPA 410.4	-88	-88	0	15	
2016/17-6	000NONPJ	matrix spike, RPD	5/15/2017	Conventional	COD	n/a	=	4	%	EPA 410.4	-88	-88	0	15	
2016/17-6	000NONPJ	lab duplicate	5/26/2017	Conventional	COD	n/a	=	680	mg/L	EPA 410.4	1.5	10		15	
2016/17-6	000NONPJ	matrix spike	5/26/2017	Conventional	COD	n/a	=	205	mg/L	EPA 410.4	1.5	10			
2016/17-6	000NONPJ	matrix spike	5/26/2017	Conventional	COD	n/a	=	216	mg/L	EPA 410.4	1.5	10			
2016/17-6	000NONPJ	matrix spike dup	5/26/2017	Conventional	COD	n/a	=	210	mg/L	EPA 410.4	1.5	10			
2016/17-6	000NONPJ	matrix spike dup	5/26/2017	Conventional	COD	n/a	=	213	mg/L	EPA 410.4	1.5	10			
2016/17-6	000NONPJ	matrix spike dup, rec	5/26/2017	Conventional	COD	n/a	=	103	%	EPA 410.4	-88	-88	90	110	
2016/17-6	000NONPJ	matrix spike dup, rec	5/26/2017	Conventional	COD	n/a	=	100	%	EPA 410.4	-88	-88	90	110	
2016/17-6	000NONPJ	matrix spike, rec	5/26/2017	Conventional	COD	n/a	=	103	%	EPA 410.4	-88	-88	90	110	
2016/17-6	000NONPJ	matrix spike, rec	5/26/2017	Conventional	COD	n/a	=	99	%	EPA 410.4	-88	-88	90	110	
2016/17-6	000NONPJ	matrix spike, RPD	5/26/2017	Conventional	COD	n/a	=	4	%	EPA 410.4	-88	-88	0	15	
2016/17-6	000NONPJ	matrix spike, RPD	5/26/2017	Conventional	COD	n/a	=	2	%	EPA 410.4	-88	-88	0	15	
2016/17-6	000NONPJ	lab duplicate	6/1/2017	Conventional	COD	n/a	=	5890	mg/L	EPA 410.4	7.3	50		15	
2016/17-6	000NONPJ	matrix spike	6/1/2017	Conventional	COD	n/a	=	228	mg/L	EPA 410.4	1.5	10			
2016/17-6	000NONPJ	matrix spike dup	6/1/2017	Conventional	COD	n/a	=	228	mg/L	EPA 410.4	1.5	10			
2016/17-6	000NONPJ	matrix spike dup, rec	6/1/2017	Conventional	COD	n/a	=	105	%	EPA 410.4	-88	-88	90	110	
2016/17-6	000NONPJ	matrix spike, rec	6/1/2017	Conventional	COD	n/a	=	106	%	EPA 410.4	-88	-88	90	110	
2016/17-6	000NONPJ	matrix spike, RPD	6/1/2017	Conventional	COD	n/a	=	0.4	%	EPA 410.4	-88	-88	0	15	
2016/17-6	Lab	LCS	5/10/2017	Conventional	COD	n/a	=	97.5	mg/L	EPA 410.4	0.73	5			
2016/17-6	Lab	LCS, rec	5/10/2017	Conventional	COD	n/a	=	98	%	EPA 410.4	-88	-88	90	110	
2016/17-6	Lab	method blank	5/10/2017	Conventional	COD	n/a	<	0.73	mg/L	EPA 410.4	0.73	5			
2016/17-6	Lab	LCS	5/15/2017	Conventional	COD	n/a	=	93.8	mg/L	EPA 410.4	0.73	5			
2016/17-6	Lab	LCS, rec	5/15/2017	Conventional	COD	n/a	=	94	%	EPA 410.4	-88	-88	90	110	
2016/17-6	Lab	method blank	5/15/2017	Conventional	COD	n/a	DNQ	1.06	mg/L	EPA 410.4	0.73	5			IP
2016/17-6	Lab	LCS	5/26/2017	Conventional	COD	n/a	=	98.3	mg/L	EPA 410.4	0.73	5			
2016/17-6	Lab	LCS, rec	5/26/2017	Conventional	COD	n/a	=	98	%	EPA 410.4	-88	-88	90	110	
2016/17-6	Lab	method blank	5/26/2017	Conventional	COD	n/a	<	0.73	mg/L	EPA 410.4	0.73	5			
2016/17-6	Lab	LCS	6/1/2017	Conventional	COD	n/a	=	96	mg/L	EPA 410.4	0.73	5			
2016/17-6	Lab	LCS, rec	6/1/2017	Conventional	COD	n/a	=	96	%	EPA 410.4	-88	-88	90	110	
2016/17-6	Lab	method blank	6/1/2017	Conventional	COD	n/a	<	0.73	mg/L	EPA 410.4	0.73	5			
2016/17-6	000NONPJ	matrix spike	5/10/2017	Conventional	Cyanide	Total	=	0.0467	mg/L	ASTM D7511	0.0005	0.002			
2016/17-6	000NONPJ	matrix spike	5/10/2017	Conventional	Cyanide	Total	=	0.0484	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	
2016/17-6	000NONPJ	matrix spike dup	5/10/2017	Conventional	Cyanide	Total	=	0.0465	mg/L	ASTM D7511	0.0005	0.002			
2016/17-6	000NONPJ	matrix spike dup	5/10/2017	Conventional	Cyanide	Total	=	0.0485	mg/L	ASTM D7511	0.0005	0.002			
2016/17-6	000NONPJ	matrix spike dup, rec	5/10/2017	Conventional	Cyanide	Total	=	91	%	ASTM D7511	-88	-88	64	136	
2016/17-6	000NONPJ	matrix spike dup, rec	5/10/2017	Conventional	Cyanide	Total	=	93	%	ASTM D7511	-88	-88	64	136	
2016/17-6	000NONPJ	matrix spike, rec	5/10/2017	Conventional	Cyanide	Total	=	91	%	ASTM D7511	-88	-88	64	136	
2016/17-6	000NONPJ	matrix spike, rec	5/10/2017	Conventional	Cyanide	Total	=	93	%	ASTM D7511	-88	-88	64	136	
2016/17-6	000NONPJ	matrix spike, RPD	5/10/2017	Conventional	Cyanide	Total	=	0.3	%	ASTM D7511	-88	-88	0	47	
2016/17-6	000NONPJ	matrix spike, RPD	5/10/2017	Conventional	Cyanide	Total	=	0.5	%	ASTM D7511	-88	-88	0	47	
2016/17-6	Lab	LCS	5/10/2017	Conventional	Cyanide	Total	=	0.0472	mg/L	ASTM D7511	0.0005	0.002			
2016/17-6	Lab	LCS, rec	5/10/2017	Conventional	Cyanide	Total	=	94	%	ASTM D7511	-88	-88	84	116	
2016/17-6	Lab	method blank	5/10/2017	Conventional	Cyanide	Total	<	0.0005	mg/L	ASTM D7511	0.0005	0.002			
2016/17-6	Lab	LCS	5/24/2017	Conventional	Cyanide	Total	=	0.0489	mg/L	ASTM D7511	0.0005	0.002			
2016/17-6	Lab	LCS, rec	5/24/2017	Conventional	Cyanide	Total	=	98	%	ASTM D7511	-88	-88	84	116	
2016/17-6	Lab	method blank	5/24/2017	Conventional	Cyanide	Total	<	0.0005	mg/L	ASTM D7511	0.0005	0.002			
2016/17-6	MO-SIM	matrix spike	5/24/2017	Conventional	Cyanide	Total	=	0.0493	mg/L	ASTM D7511	0.0005	0.002			
2016/17-6	MO-SIM	matrix spike dup	5/24/2017	Conventional	Cyanide	Total	=	0.0506	mg/L	ASTM D7511	0.0005	0.002			
2016/17-6	MO-SIM	matrix spike dup, rec	5/24/2017	Conventional	Cyanide	Total	=	100	%	ASTM D7511	-88	-88	64	136	
2016/17-6	MO-SIM	matrix spike, rec	5/24/2017	Conventional	Cyanide	Total	=	97	%	ASTM D7511	-88	-88	64	136	
2016/17-6	MO-SIM	matrix spike, RPD	5/24/2017	Conventional	Cyanide	Total	=	3	%	ASTM D7511	-88	-88	0	47	
2016/17-6	MO-THO	matrix spike	5/24/2017	Conventional	Cyanide	Total	=	0.0486	mg/L	ASTM D7511	0.0005	0.002			
2016/17-6	MO-THO	matrix spike dup	5/24/2017	Conventional	Cyanide	Total	=	0.0473	mg/L	ASTM D7511	0.0005	0.002			
2016/17-6	MO-THO	matrix spike dup, rec	5/24/2017	Conventional	Cyanide	Total	=	93	%	ASTM D7511	-88	-88	64	136	
2016/17-6	MO-THO	matrix spike, rec	5/24/2017	Conventional	Cyanide	Total	=	96	%	ASTM D7511	-88	-88	64	136	
2016/17-6	MO-THO	matrix spike, RPD	5/24/2017	Conventional	Cyanide	Total	=	3	%	ASTM D7511	-88	-88	0	47	
2016/17-6	Lab	LCS	5/16/2017	Conventional	Dissolved Inorganic Carbon	Dissolved	=	5.36	mg/L	SM 5310 C	0.5	0.5			
2016/17-6	Lab	LCS dup	5/16/2017	Conventional	Dissolved Inorganic Carbon	Dissolved	=	5.34	mg/L	SM 5310 C	0.5	0.5			
2016/17-6	Lab	LCS dup, rec	5/16/2017	Conventional	Dissolved Inorganic Carbon	Dissolved	=	107	%	SM 5310 C	-88	-88	85	115	
2016/17-6	Lab	LCS, rec	5/16/2017	Conventional	Dissolved Inorganic Carbon	Dissolved	=	107	%	SM 5310 C	-88	-88	85	115	
2016/17-6	Lab	LCS, RPD	5/16/2017	Conventional	Dissolved Inorganic Carbon	Dissolved	=	0.5	%	SM 5310 C	-88	-88	0	20	
2016/17-6	Lab	method blank	5/16/2017	Conventional	Dissolved Inorganic Carbon	Dissolved	<	0.5	mg/L	SM 5310 C	0.5	0.5			
2016/17-6	Lab	LCS	5/24/2017	Conventional	Dissolved Inorganic Carbon	Dissolved	=	5.29	mg/L	SM 5310 C	0.5	0.5			
2016/17-6	Lab	LCS dup	5/24/2017	Conventional	Dissolved Inorganic Carbon	Dissolved	=	5.04	mg/L	SM 5310 C	0.5	0.5			
2016/17-6	Lab	LCS dup, rec	5/24/2017	Conventional	Dissolved Inorganic Carbon	Dissolved	=	101	%	SM 5310 C	-88	-88	85	115	
2016/17-6	Lab	LCS, rec	5/24/2017	Conventional	Dissolved Inorganic Carbon	Dissolved	=	106	%	SM 5310 C	-88	-88	85	115	
2016/17-6	Lab	LCS, RPD	5/24/2017	Conventional	Dissolved Inorganic Carbon	Dissolved	=	5	%	SM 5310 C	-88	-88	0	20	
2016/17-6	Lab	method blank	5/24/2017	Conventional	Dissolved Inorganic Carbon	Dissolved	<	0.5	mg/L	SM 5310 C	0.5	0.5			
2016/17-6	Lab	LCS	6/1/2017	Conventional	Dissolved Inorganic Carbon	Dissolved	=	5.1	mg/L	SM 5310 C	0.5	0.5			
2016/17-6	Lab	LCS dup	6/1/2017	Conventional	Dissolved Inorganic Carbon	Dissolved	=	5.3	mg/L	SM 5310 C	0.5	0.5			
2016/17-6	Lab	LCS dup, rec	6/1/2017	Conventional	Dissolved Inorganic Carbon	Dissolved	=	106	%	SM 5310 C	-88	-88	85	115	
2016/17-6	Lab	LCS, rec	6/1/2017	Conventional	Dissolved Inorganic Carbon	Dissolved	=	102	%	SM 5310 C	-88	-88	85	115	
2016/17-6	Lab	LCS, RPD	6/1/2017	Conventional	Dissolved Inorganic Carbon	Dissolved	=	4	%	SM 5310 C	-88	-88	0	20	
2016/17-6	Lab	method blank	6/1/2017	Conventional	Dissolved Inorganic Carbon	Dissolved	<	0.5	mg/L	SM 5310 C	0.5	0.5			
2016/17-6	000NONPJ	lab duplicate	5/15/2017	Conventional	Dissolved Organic Carbon	Dissolved	=	13.2	mg/L	SM 5310 C	0.052	1.2		20	
2016/17-6	000NONPJ	matrix spike	5/15/2017	Conventional	Dissolved Organic Carbon	Dissolved	=	29.7	mg/L	SM 5310 C	0.052	1.2			
2016/17-6	000NONPJ	matrix spike dup	5/15/2017	Conventional	Dissolved Organic Carbon	Dissolved	=	29.7	mg/L	SM 5310 C	0.052	1.2			
2016/17-6	000NONPJ	matrix spike dup, rec	5/15/2017	Conventional	Dissolved Organic Carbon	Dissolved	=	82	%	SM 5310 C	-88	-88	75	113	
2016/17-6	000NONPJ	matrix spike, rec	5/15/2017	Conventional	Dissolved Organic Carbon	Dissolved	=	82	%	SM 5310 C	-88	-88	75	113	

Appendix F
Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2016/17-6	000NONPJ	matrix spike, RPD	5/15/2017	Conventional	Dissolved Organic Carbon	Dissolved	=	0.2	%	SM 5310 C	-88	-88	0	20	
2016/17-6	Lab	LCS	5/15/2017	Conventional	Dissolved Organic Carbon	Dissolved	=	4.98	mg/L	SM 5310 C	0.013	0.3			
2016/17-6	Lab	LCS, rec	5/15/2017	Conventional	Dissolved Organic Carbon	Dissolved	=	100	%	SM 5310 C	-88	-88	85	115	
2016/17-6	Lab	method blank	5/15/2017	Conventional	Dissolved Organic Carbon	Dissolved	DNQ	0.0951	mg/L	SM 5310 C	0.013	0.3			IP
2016/17-6	Lab	LCS	5/23/2017	Conventional	Dissolved Organic Carbon	Dissolved	=	9.99	mg/L	SM 5310 C	0.013	0.3			
2016/17-6	Lab	LCS dup	5/23/2017	Conventional	Dissolved Organic Carbon	Dissolved	=	9.93	mg/L	SM 5310 C	0.013	0.3			
2016/17-6	Lab	LCS dup, rec	5/23/2017	Conventional	Dissolved Organic Carbon	Dissolved	=	99	%	SM 5310 C	-88	-88	85	115	
2016/17-6	Lab	LCS, rec	5/23/2017	Conventional	Dissolved Organic Carbon	Dissolved	=	100	%	SM 5310 C	-88	-88	85	115	
2016/17-6	Lab	LCS, RPD	5/23/2017	Conventional	Dissolved Organic Carbon	Dissolved	=	0.6	%	SM 5310 C	-88	-88	0	20	
2016/17-6	Lab	method blank	5/23/2017	Conventional	Dissolved Organic Carbon	Dissolved	DNQ	0.0426	mg/L	SM 5310 C	0.013	0.3			IP
2016/17-6	Lab	LCS	6/5/2017	Conventional	Dissolved Organic Carbon	Dissolved	=	9.99	mg/L	SM 5310 C	0.013	0.3			
2016/17-6	Lab	LCS dup	6/5/2017	Conventional	Dissolved Organic Carbon	Dissolved	=	10.1	mg/L	SM 5310 C	0.013	0.3			
2016/17-6	Lab	LCS dup, rec	6/5/2017	Conventional	Dissolved Organic Carbon	Dissolved	=	101	%	SM 5310 C	-88	-88	85	115	
2016/17-6	Lab	LCS, rec	6/5/2017	Conventional	Dissolved Organic Carbon	Dissolved	=	100	%	SM 5310 C	-88	-88	85	115	
2016/17-6	Lab	LCS, RPD	6/5/2017	Conventional	Dissolved Organic Carbon	Dissolved	=	0.7	%	SM 5310 C	-88	-88	0	20	
2016/17-6	Lab	method blank	6/5/2017	Conventional	Dissolved Organic Carbon	Dissolved	DNQ	0.0608	mg/L	SM 5310 C	0.013	0.3			IP
2016/17-6	000NONPJ	matrix spike	5/4/2017	Conventional	MBAS	n/a	=	0.216	mg/L	SM 5540 C	0.019	0.05			
2016/17-6	000NONPJ	matrix spike dup	5/4/2017	Conventional	MBAS	n/a	=	0.218	mg/L	SM 5540 C	0.019	0.05			
2016/17-6	000NONPJ	matrix spike dup, rec	5/4/2017	Conventional	MBAS	n/a	=	109	%	SM 5540 C	-88	-88	74	123	
2016/17-6	000NONPJ	matrix spike, rec	5/4/2017	Conventional	MBAS	n/a	=	108	%	SM 5540 C	-88	-88	74	123	
2016/17-6	000NONPJ	matrix spike, RPD	5/4/2017	Conventional	MBAS	n/a	=	0.9	%	SM 5540 C	-88	-88	0	20	
2016/17-6	000NONPJ	matrix spike	5/19/2017	Conventional	MBAS	n/a	=	0.23	mg/L	SM 5540 C	0.019	0.05			
2016/17-6	000NONPJ	matrix spike dup	5/19/2017	Conventional	MBAS	n/a	=	0.236	mg/L	SM 5540 C	0.019	0.05			
2016/17-6	000NONPJ	matrix spike dup, rec	5/19/2017	Conventional	MBAS	n/a	=	118	%	SM 5540 C	-88	-88	74	123	
2016/17-6	000NONPJ	matrix spike, rec	5/19/2017	Conventional	MBAS	n/a	=	115	%	SM 5540 C	-88	-88	74	123	
2016/17-6	000NONPJ	matrix spike, RPD	5/19/2017	Conventional	MBAS	n/a	=	2	%	SM 5540 C	-88	-88	0	20	
2016/17-6	000NONPJ	matrix spike	5/24/2017	Conventional	MBAS	n/a	=	0.236	mg/L	SM 5540 C	0.019	0.05			
2016/17-6	000NONPJ	matrix spike dup	5/24/2017	Conventional	MBAS	n/a	=	0.231	mg/L	SM 5540 C	0.019	0.05			
2016/17-6	000NONPJ	matrix spike dup, rec	5/24/2017	Conventional	MBAS	n/a	=	100	%	SM 5540 C	-88	-88	74	123	
2016/17-6	000NONPJ	matrix spike, rec	5/24/2017	Conventional	MBAS	n/a	=	103	%	SM 5540 C	-88	-88	74	123	
2016/17-6	000NONPJ	matrix spike, RPD	5/24/2017	Conventional	MBAS	n/a	=	2	%	SM 5540 C	-88	-88	0	20	
2016/17-6	Lab	LCS	5/4/2017	Conventional	MBAS	n/a	=	0.208	mg/L	SM 5540 C	0.019	0.05			
2016/17-6	Lab	LCS, rec	5/4/2017	Conventional	MBAS	n/a	=	104	%	SM 5540 C	-88	-88	82	115	
2016/17-6	Lab	method blank	5/4/2017	Conventional	MBAS	n/a	<	0.019	mg/L	SM 5540 C	0.019	0.05			
2016/17-6	Lab	LCS	5/19/2017	Conventional	MBAS	n/a	=	0.202	mg/L	SM 5540 C	0.019	0.05			
2016/17-6	Lab	LCS, rec	5/19/2017	Conventional	MBAS	n/a	=	101	%	SM 5540 C	-88	-88	82	115	
2016/17-6	Lab	method blank	5/19/2017	Conventional	MBAS	n/a	<	0.019	mg/L	SM 5540 C	0.019	0.05			
2016/17-6	Lab	LCS	5/24/2017	Conventional	MBAS	n/a	=	0.2	mg/L	SM 5540 C	0.019	0.05			
2016/17-6	Lab	LCS, rec	5/24/2017	Conventional	MBAS	n/a	=	100	%	SM 5540 C	-88	-88	82	115	
2016/17-6	Lab	method blank	5/24/2017	Conventional	MBAS	n/a	<	0.019	mg/L	SM 5540 C	0.019	0.05			
2016/17-6	000NONPJ	matrix spike	5/22/2017	Conventional	Phenolics	n/a	=	0.512	mg/L	EPA 420.4	0.0084	0.02			
2016/17-6	000NONPJ	matrix spike, rec	5/22/2017	Conventional	Phenolics	n/a	=	94	%	EPA 420.4	-88	-88	90	110	
2016/17-6	000NONPJ	matrix spike dup	5/22/2017	Conventional	Phenolics	n/a	=	0.511	mg/L	EPA 420.4	0.0084	0.02			
2016/17-6	000NONPJ	matrix spike dup, rec	5/22/2017	Conventional	Phenolics	n/a	=	94	%	EPA 420.4	-88	-88	90	110	
2016/17-6	000NONPJ	matrix spike, RPD	5/22/2017	Conventional	Phenolics	n/a	=	0.3	%	EPA 420.4	-88	-88	0	20	
2016/17-6	Lab	method blank	5/12/2017	Conventional	Phenolics	n/a	<	0.0042	mg/L	EPA 420.4	0.0042	0.01			
2016/17-6	Lab	LCS	5/12/2017	Conventional	Phenolics	n/a	=	0.0993	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	
2016/17-6	Lab	LCS, rec	5/12/2017	Conventional	Phenolics	n/a	=	99	%	EPA 420.4	-88	-88	90	110	
2016/17-6	Lab	method blank	5/22/2017	Conventional	Phenolics	n/a	<	0.0042	mg/L	EPA 420.4	0.0042	0.01			
2016/17-6	Lab	LCS	5/22/2017	Conventional	Phenolics	n/a	=	0.0994	mg/L	EPA 420.4	0.0042	0.01			
2016/17-6	Lab	LCS, rec	5/22/2017	Conventional	Phenolics	n/a	=	99	%	EPA 420.4	-88	-88	90	110	
2016/17-6	Lab	method blank	6/1/2017	Conventional	Phenolics	n/a	<	0.0042	mg/L	EPA 420.4	0.0042	0.01			
2016/17-6	Lab	LCS	6/1/2017	Conventional	Phenolics	n/a	=	0.1	mg/L	EPA 420.4	0.0042	0.01			
2016/17-6	Lab	LCS, rec	6/1/2017	Conventional	Phenolics	n/a	=	100	%	EPA 420.4	-88	-88	90	110	
2016/17-6	ME-SCR	matrix spike	5/12/2017	Conventional	Phenolics	n/a	=	0.253	mg/L	EPA 420.4	0.0042	0.01			
2016/17-6	ME-SCR	matrix spike, rec	5/12/2017	Conventional	Phenolics	n/a	=	101	%	EPA 420.4	-88	-88	90	110	
2016/17-6	ME-SCR	matrix spike dup	5/12/2017	Conventional	Phenolics	n/a	=	0.253	mg/L	EPA 420.4	0.0042	0.01			
2016/17-6	ME-SCR	matrix spike dup, rec	5/12/2017	Conventional	Phenolics	n/a	=	101	%	EPA 420.4	-88	-88	90	110	
2016/17-6	ME-SCR	matrix spike, RPD	5/12/2017	Conventional	Phenolics	n/a	=	0.2	%	EPA 420.4	-88	-88	0	20	
2016/17-6	ME-VR2	matrix spike	6/1/2017	Conventional	Phenolics	n/a	=	0.468	mg/L	EPA 420.4	0.0084	0.02			
2016/17-6	ME-VR2	matrix spike, rec	6/1/2017	Conventional	Phenolics	n/a	=	94	%	EPA 420.4	-88	-88	90	110	
2016/17-6	ME-VR2	matrix spike dup	6/1/2017	Conventional	Phenolics	n/a	=	0.47	mg/L	EPA 420.4	0.0084	0.02			
2016/17-6	ME-VR2	matrix spike dup, rec	6/1/2017	Conventional	Phenolics	n/a	=	94	%	EPA 420.4	-88	-88	90	110	
2016/17-6	ME-VR2	matrix spike, RPD	6/1/2017	Conventional	Phenolics	n/a	=	0.5	%	EPA 420.4	-88	-88	0	20	
2016/17-6	000NONPJ	lab duplicate	5/8/2017	Conventional	Specific Conductance	n/a	=	90.9	µmhos/cm	SM 2510 B	0.23	2		4.28	
2016/17-6	000NONPJ	lab duplicate	5/8/2017	Conventional	Specific Conductance	n/a	=	11400	µmhos/cm	SM 2510 B	0.23	2		4.28	
2016/17-6	000NONPJ	lab duplicate	5/22/2017	Conventional	Specific Conductance	n/a	=	612	µmhos/cm	SM 2510 B	0.23	2		4.28	
2016/17-6	000NONPJ	lab duplicate	5/24/2017	Conventional	Specific Conductance	n/a	=	808	µmhos/cm	SM 2510 B	0.23	2		4.28	
2016/17-6	000NONPJ	lab duplicate	5/26/2017	Conventional	Specific Conductance	n/a	=	18100	µmhos/cm	SM 2510 B	0.23	2		4.28	
2016/17-6	Lab	LCS	5/8/2017	Conventional	Specific Conductance	n/a	=	194	µmhos/cm	SM 2510 B	0.23	2			
2016/17-6	Lab	LCS, rec	5/8/2017	Conventional	Specific Conductance	n/a	=	97	%	SM 2510 B	-88	-88	95	105	
2016/17-6	Lab	method blank	5/8/2017	Conventional	Specific Conductance	n/a	<	0.23	µmhos/cm	SM 2510 B	0.23	2			
2016/17-6	Lab	LCS	5/8/2017	Conventional	Specific Conductance	n/a	=	25300	µmhos/cm	SM 2510 B	0.23	2			
2016/17-6	Lab	LCS, rec	5/8/2017	Conventional	Specific Conductance	n/a	=	101	%	SM 2510 B	-88	-88	95	105	
2016/17-6	Lab	method blank	5/8/2017	Conventional	Specific Conductance	n/a	DNQ	1.05	µmhos/cm	SM 2510 B	0.23	2			IP
2016/17-6	Lab	LCS	5/22/2017	Conventional	Specific Conductance	n/a	=	207	µmhos/cm	SM 2510 B	0.23	2			
2016/17-6	Lab	LCS, rec	5/22/2017	Conventional	Specific Conductance	n/a	=	104	%	SM 2510 B	-88	-88	95	105	
2016/17-6	Lab	method blank	5/22/2017	Conventional	Specific Conductance	n/a	<	0.23	µmhos/cm	SM 2510 B	0.23	2			
2016/17-6	Lab	LCS	5/24/2017	Conventional	Specific Conductance	n/a	=	200	µmhos/cm	SM 2510 B	0.23	2			
2016/17-6	Lab	LCS, rec	5/24/2017	Conventional	Specific Conductance	n/a	=	100	%	SM 2510 B	-88	-88	95	105	
2016/17-6	Lab	method blank	5/24/2017	Conventional	Specific Conductance	n/a	<	0.23	µmhos/cm	SM 2510 B	0.23	2			
2016/17-6	Lab	LCS	5/26/2017	Conventional	Specific Conductance	n/a	=	24700	µmhos/cm	SM 2510 B	0.23	2			
2016/17-6	Lab	LCS, rec	5/26/2017	Conventional	Specific Conductance	n/a	=	99	%	SM 2510 B	-88	-88	95	105	
2016/17-6	Lab	method blank	5/26/2017	Conventional	Specific Conductance	n/a	<	0.23	µmhos/cm	SM 2510 B	0.23	2			
2016/17-6	Lab	LCS	5/18/2017	Conventional	Total Chlorine Residual	n/a	=	0.199	mg/L	SM 4500-Cl G	0.0015	0.05			
2016/17-6	Lab	LCS, rec	5/18/2017	Conventional	Total Chlorine Residual	n/a	=	100	%	SM 4500-Cl G	-88	-88	85	110	
2016/17-6	Lab	method blank	5/18/2017	Conventional	Total Chlorine Residual	n/a	<	0.0015	mg/L	SM 4500-Cl G	0.0015	0.05			
2016/17-6	ME-CC	matrix spike	5/18/2017	Conventional	Total Chlorine Residual	n/a	=	0.238	mg/L	SM 4500-Cl G	0.0015	0.05			
2016/17-6	ME-CC	matrix spike dup	5/18/2017	Conventional	Total Chlorine Residual	n/a	=	0.236	mg/L	SM 4500-Cl G	0.0015	0.05			
2016/17-6	ME-CC	matrix spike dup, rec	5/18/2017	Conventional	Total Chlorine Residual	n/a	=	97	%	SM 4500-Cl G	-88	-88	78	114	
2016/17-6	ME-CC	matrix spike, rec	5/18/2017	Conventional	Total Chlorine Residual	n/a	=	98	%	SM 4500-Cl G	-88	-88	78	114	
2016/17-6	ME-CC	matrix spike, RPD	5/18/2017	Conventional	Total Chlorine Residual	n/a	=	0.9	%	SM 4500-Cl G	-88	-88	0	15	
2016/17-6	000NONPJ	lab duplicate	5/5/2017	Conventional	Total Dissolved Solids	n/a	=	2120	mg/L	SM 2540 C	4	10		10	
2016/17-6	000NONPJ	lab duplicate	5/9/2017	Conventional	Total Dissolved Solids	n/a	=	84	mg/L	SM 2540 C	4	10		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	
2016/17-6	000NONPJ	lab duplicate	5/9/2017	Conventional	Total Dissolved Solids	n/a	=	564	mg/L	SM 2540 C	4	10		10	
2016/17-6	000NONPJ	lab duplicate	5/22/2017	Conventional	Total Dissolved Solids	n/a	=	589	mg/L	SM 2540 C	4	10		10	
2016/17-6	000NONPJ	lab duplicate	5/23/2017	Conventional	Total Dissolved Solids	n/a	=	1830	mg/L	SM 2540 C	4	10		10	
2016/17-6	000NONPJ	lab duplicate	5/23/2017	Conventional	Total Dissolved Solids	n/a	=	2890	mg/L	SM 2540 C	4	10		10	
2016/17-6	Lab	LCS	5/5/2017	Conventional	Total Dissolved Solids	n/a	=	828	mg/L	SM 2540 C	4	10			
2016/17-6	Lab	LCS, rec	5/5/2017	Conventional	Total Dissolved Solids	n/a	=	100	%	SM 2540 C	-88	-88	96	102	
2016/17-6	Lab	method blank	5/5/2017	Conventional	Total Dissolved Solids	n/a	<	4	mg/L	SM 2540 C	4	10			
2016/17-6	Lab	LCS	5/9/2017	Conventional	Total Dissolved Solids	n/a	=	836	mg/L	SM 2540 C	4	10			
2016/17-6	Lab	LCS, rec	5/9/2017	Conventional	Total Dissolved Solids	n/a	=	101	%	SM 2540 C	-88	-88	96	102	
2016/17-6	Lab	method blank	5/9/2017	Conventional	Total Dissolved Solids	n/a	DNQ	4	mg/L	SM 2540 C	4	10			IP
2016/17-6	Lab	LCS	5/22/2017	Conventional	Total Dissolved Solids	n/a	=	827	mg/L	SM 2540 C	4	10			
2016/17-6	Lab	LCS, rec	5/22/2017	Conventional	Total Dissolved Solids	n/a	=	100	%	SM 2540 C	-88	-88	96	102	
2016/17-6	Lab	method blank	5/22/2017	Conventional	Total Dissolved Solids	n/a	<	4	mg/L	SM 2540 C	4	10			
2016/17-6	Lab	LCS	5/23/2017	Conventional	Total Dissolved Solids	n/a	=	821	mg/L	SM 2540 C	4	10			
2016/17-6	Lab	LCS, rec	5/23/2017	Conventional	Total Dissolved Solids	n/a	=	100	%	SM 2540 C	-88	-88	96	102	
2016/17-6	Lab	method blank	5/23/2017	Conventional	Total Dissolved Solids	n/a	<	4	mg/L	SM 2540 C	4	10			
2016/17-6	MO-MPK	lab duplicate	5/22/2017	Conventional	Total Dissolved Solids	n/a	=	1530	mg/L	SM 2540 C	4	10		10	
2016/17-6	MO-VEN	lab duplicate	5/5/2017	Conventional	Total Dissolved Solids	n/a	=	9400	mg/L	SM 2540 C	4	10		10	
2016/17-6	000NONPJ	matrix spike	5/9/2017	Conventional	Total Organic Carbon	n/a	=	55.8	mg/L	SM 5310 C	0.09	3			
2016/17-6	000NONPJ	matrix spike dup	5/9/2017	Conventional	Total Organic Carbon	n/a	=	59.8	mg/L	SM 5310 C	0.09	3			
2016/17-6	000NONPJ	matrix spike dup, rec	5/9/2017	Conventional	Total Organic Carbon	n/a	=	103	%	SM 5310 C	-88	-88	80	116	
2016/17-6	000NONPJ	matrix spike, rec	5/9/2017	Conventional	Total Organic Carbon	n/a	=	94	%	SM 5310 C	-88	-88	80	116	
2016/17-6	000NONPJ	matrix spike, RPD	5/9/2017	Conventional	Total Organic Carbon	n/a	=	7	%	SM 5310 C	-88	-88	0	20	
2016/17-6	000NONPJ	matrix spike	5/31/2017	Conventional	Total Organic Carbon	n/a	=	8.41	mg/L	SM 5310 C	0.009	0.3			
2016/17-6	000NONPJ	matrix spike dup	5/31/2017	Conventional	Total Organic Carbon	n/a	=	8.73	mg/L	SM 5310 C	0.009	0.3			
2016/17-6	000NONPJ	matrix spike dup, rec	5/31/2017	Conventional	Total Organic Carbon	n/a	=	109	%	SM 5310 C	-88	-88	80	116	
2016/17-6	000NONPJ	matrix spike, rec	5/31/2017	Conventional	Total Organic Carbon	n/a	=	103	%	SM 5310 C	-88	-88	80	116	
2016/17-6	000NONPJ	matrix spike, RPD	5/31/2017	Conventional	Total Organic Carbon	n/a	=	4	%	SM 5310 C	-88	-88	0	20	
2016/17-6	Lab	LCS	5/9/2017	Conventional	Total Organic Carbon	n/a	=	5.04	mg/L	SM 5310 C	0.009	0.3			
2016/17-6	Lab	LCS, rec	5/9/2017	Conventional	Total Organic Carbon	n/a	=	101	%	SM 5310 C	-88	-88	85	115	
2016/17-6	Lab	method blank	5/9/2017	Conventional	Total Organic Carbon	n/a	DNQ	0.0797	mg/L	SM 5310 C	0.009	0.3			IP
2016/17-6	Lab	LCS	5/22/2017	Conventional	Total Organic Carbon	n/a	=	5.14	mg/L	SM 5310 C	0.009	0.3			
2016/17-6	Lab	LCS dup	5/22/2017	Conventional	Total Organic Carbon	n/a	=	5.16	mg/L	SM 5310 C	0.009	0.3			
2016/17-6	Lab	LCS dup, rec	5/22/2017	Conventional	Total Organic Carbon	n/a	=	103	%	SM 5310 C	-88	-88	85	115	
2016/17-6	Lab	LCS, rec	5/22/2017	Conventional	Total Organic Carbon	n/a	=	103	%	SM 5310 C	-88	-88	85	115	
2016/17-6	Lab	LCS, RPD	5/22/2017	Conventional	Total Organic Carbon	n/a	=	0.5	%	SM 5310 C	-88	-88	0	20	
2016/17-6	Lab	method blank	5/22/2017	Conventional	Total Organic Carbon	n/a	DNQ	0.0845	mg/L	SM 5310 C	0.009	0.3			IP
2016/17-6	Lab	LCS	5/31/2017	Conventional	Total Organic Carbon	n/a	=	9.95	mg/L	SM 5310 C	0.009	0.3			
2016/17-6	Lab	LCS, rec	5/31/2017	Conventional	Total Organic Carbon	n/a	=	99	%	SM 5310 C	-88	-88	85	115	
2016/17-6	Lab	method blank	5/31/2017	Conventional	Total Organic Carbon	n/a	DNQ	0.0659	mg/L	SM 5310 C	0.009	0.3			IP
2016/17-6	000NONPJ	lab duplicate	5/8/2017	Conventional	Total Suspended Solids	n/a	=	1310	mg/L	SM 2540 D	-88	5		20	
2016/17-6	000NONPJ	lab duplicate	5/11/2017	Conventional	Total Suspended Solids	n/a	=	48	mg/L	SM 2540 D	-88	5		20	
2016/17-6	000NONPJ	lab duplicate	5/11/2017	Conventional	Total Suspended Solids	n/a	=	43	mg/L	SM 2540 D	-88	5		20	
2016/17-6	000NONPJ	lab duplicate	5/19/2017	Conventional	Total Suspended Solids	n/a	=	810	mg/L	SM 2540 D	-88	5		20	
2016/17-6	000NONPJ	lab duplicate	5/24/2017	Conventional	Total Suspended Solids	n/a	=	580	mg/L	SM 2540 D	-88	5		20	
2016/17-6	Lab	LCS	5/8/2017	Conventional	Total Suspended Solids	n/a	=	63	mg/L	SM 2540 D	-88	5			
2016/17-6	Lab	LCS, rec	5/8/2017	Conventional	Total Suspended Solids	n/a	=	106	%	SM 2540 D	-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	
2016/17-6	Lab	method blank	5/8/2017	Conventional	Total Suspended Solids	n/a	<	5	mg/L	SM 2540 D	-88	5			
2016/17-6	Lab	LCS	5/11/2017	Conventional	Total Suspended Solids	n/a	=	62	mg/L	SM 2540 D	-88	5			
2016/17-6	Lab	LCS, rec	5/11/2017	Conventional	Total Suspended Solids	n/a	=	109	%	SM 2540 D	-88	-88	90	110	
2016/17-6	Lab	method blank	5/11/2017	Conventional	Total Suspended Solids	n/a	<	5	mg/L	SM 2540 D	-88	5			
2016/17-6	Lab	LCS	5/19/2017	Conventional	Total Suspended Solids	n/a	=	70	mg/L	SM 2540 D	-88	5			
2016/17-6	Lab	LCS, rec	5/19/2017	Conventional	Total Suspended Solids	n/a	=	110	%	SM 2540 D	-88	-88	90	110	
2016/17-6	Lab	method blank	5/19/2017	Conventional	Total Suspended Solids	n/a	<	5	mg/L	SM 2540 D	-88	5			
2016/17-6	Lab	LCS	5/24/2017	Conventional	Total Suspended Solids	n/a	=	57	mg/L	SM 2540 D	-88	5			
2016/17-6	Lab	LCS, rec	5/24/2017	Conventional	Total Suspended Solids	n/a	=	102	%	SM 2540 D	-88	-88	90	110	
2016/17-6	Lab	method blank	5/24/2017	Conventional	Total Suspended Solids	n/a	<	5	mg/L	SM 2540 D	-88	5			
2016/17-6	000NONPJ	lab duplicate	5/19/2017	Conventional	Turbidity	n/a	=	5.71	NTU	EPA 180.1	0.024	0.1		10	
2016/17-6	000NONPJ	lab duplicate	5/24/2017	Conventional	Turbidity	n/a	<	0.024	NTU	EPA 180.1	0.024	0.1		10	
2016/17-6	Lab	LCS	5/5/2017	Conventional	Turbidity	n/a	=	7.53	NTU	EPA 180.1	0.024	0.1			
2016/17-6	Lab	LCS, rec	5/5/2017	Conventional	Turbidity	n/a	=	102	%	EPA 180.1	-88	-88	90	110	
2016/17-6	Lab	method blank	5/5/2017	Conventional	Turbidity	n/a	<	0.024	NTU	EPA 180.1	0.024	0.1			
2016/17-6	Lab	LCS	5/19/2017	Conventional	Turbidity	n/a	=	6.92	NTU	EPA 180.1	0.024	0.1			
2016/17-6	Lab	LCS, rec	5/19/2017	Conventional	Turbidity	n/a	=	94	%	EPA 180.1	-88	-88	90	110	
2016/17-6	Lab	method blank	5/19/2017	Conventional	Turbidity	n/a	<	0.024	NTU	EPA 180.1	0.024	0.1			
2016/17-6	Lab	LCS	5/24/2017	Conventional	Turbidity	n/a	=	7.21	NTU	EPA 180.1	0.024	0.1			
2016/17-6	Lab	LCS, rec	5/24/2017	Conventional	Turbidity	n/a	=	98	%	EPA 180.1	-88	-88	90	110	
2016/17-6	Lab	method blank	5/24/2017	Conventional	Turbidity	n/a	<	0.024	NTU	EPA 180.1	0.024	0.1			
2016/17-6	ME-SCR	lab duplicate	5/5/2017	Conventional	Turbidity	n/a	=	0.94	NTU	EPA 180.1	0.024	0.1		10	
2016/17-6	000NONPJ	lab duplicate	5/8/2017	Conventional	Volatile Suspended Solids	n/a	=	480	mg/L	EPA 160.4	3.1	5		15	
2016/17-6	000NONPJ	lab duplicate	5/11/2017	Conventional	Volatile Suspended Solids	n/a	=	35	mg/L	EPA 160.4	3.1	5		15	
2016/17-6	000NONPJ	lab duplicate	5/19/2017	Conventional	Volatile Suspended Solids	n/a	=	360	mg/L	EPA 160.4	3.1	5		15	
2016/17-6	000NONPJ	lab duplicate	5/24/2017	Conventional	Volatile Suspended Solids	n/a	=	320	mg/L	EPA 160.4	3.1	5		15	
2016/17-6	Lab	method blank	5/8/2017	Conventional	Volatile Suspended Solids	n/a	<	3.1	mg/L	EPA 160.4	3.1	5			
2016/17-6	Lab	method blank	5/11/2017	Conventional	Volatile Suspended Solids	n/a	<	3.1	mg/L	EPA 160.4	3.1	5			
2016/17-6	Lab	method blank	5/19/2017	Conventional	Volatile Suspended Solids	n/a	<	3.1	mg/L	EPA 160.4	3.1	5			
2016/17-6	Lab	method blank	5/24/2017	Conventional	Volatile Suspended Solids	n/a	<	3.1	mg/L	EPA 160.4	3.1	5			
2016/17-6	Lab	method blank	5/11/2017	Hydrocarbon	Diesel Range Organics	n/a	<	0.024	mg/L	EPA 8015D	0.024	0.1			
2016/17-6	Lab	LCS	5/11/2017	Hydrocarbon	Diesel Range Organics	n/a	=	0.385	mg/L	EPA 8015D	0.024	0.1			
2016/17-6	Lab	LCS, rec	5/11/2017	Hydrocarbon	Diesel Range Organics	n/a	=	77	%	EPA 8015D	-88	-88	56	136	
2016/17-6	Lab	LCS dup	5/11/2017	Hydrocarbon	Diesel Range Organics	n/a	=	0.417	mg/L	EPA 8015D	0.024	0.1			
2016/17-6	Lab	LCS dup, rec	5/11/2017	Hydrocarbon	Diesel Range Organics	n/a	=	83	%	EPA 8015D	-88	-88	56	136	
2016/17-6	Lab	LCS, RPD	5/11/2017	Hydrocarbon	Diesel Range Organics	n/a	=	8	%	EPA 8015D	-88	-88	0	25	
2016/17-6	Lab	method blank	5/24/2017	Hydrocarbon	Diesel Range Organics	n/a	<	0.024	mg/L	EPA 8015D	0.024	0.1			
2016/17-6	Lab	LCS	5/24/2017	Hydrocarbon	Diesel Range Organics	n/a	=	0.423	mg/L	EPA 8015D	0.024	0.1			
2016/17-6	Lab	LCS, rec	5/24/2017	Hydrocarbon	Diesel Range Organics	n/a	=	85	%	EPA 8015D	-88	-88	56	136	
2016/17-6	Lab	LCS dup	5/24/2017	Hydrocarbon	Diesel Range Organics	n/a	=	0.444	mg/L	EPA 8015D	0.024	0.1			
2016/17-6	Lab	LCS dup, rec	5/24/2017	Hydrocarbon	Diesel Range Organics	n/a	=	89	%	EPA 8015D	-88	-88	56	136	
2016/17-6	Lab	LCS, RPD	5/24/2017	Hydrocarbon	Diesel Range Organics	n/a	=	5	%	EPA 8015D	-88	-88	0	25	
2016/17-6	Lab	method blank	5/31/2017	Hydrocarbon	Diesel Range Organics	n/a	<	0.024	mg/L	EPA 8015D	0.024	0.1			
2016/17-6	Lab	LCS	5/31/2017	Hydrocarbon	Diesel Range Organics	n/a	=	0.283	mg/L	EPA 8015D	0.024	0.1			
2016/17-6	Lab	LCS, rec	5/31/2017	Hydrocarbon	Diesel Range Organics	n/a	=	57	%	EPA 8015D	-88	-88	56	136	
2016/17-6	Lab	LCS dup	5/31/2017	Hydrocarbon	Diesel Range Organics	n/a	=	0.347	mg/L	EPA 8015D	0.024	0.1			
2016/17-6	Lab	LCS dup, rec	5/31/2017	Hydrocarbon	Diesel Range Organics	n/a	=	69	%	EPA 8015D	-88	-88	56	136	

Appendix F
Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2016/17-6	Lab	LCS, RPD	5/31/2017	Hydrocarbon	Diesel Range Organics	n/a	=	21	%	EPA 8015D	-88	-88	0	25	
2016/17-6	Lab	LCS	5/9/2017	Hydrocarbon	Gasoline Range Organics	n/a	=	1.02	mg/L	EPA 8015D	0.044	0.1			
2016/17-6	Lab	LCS, rec	5/9/2017	Hydrocarbon	Gasoline Range Organics	n/a	=	102	%	EPA 8015D	-88	-88	75	123	
2016/17-6	Lab	LCS dup	5/9/2017	Hydrocarbon	Gasoline Range Organics	n/a	=	0.974	mg/L	EPA 8015D	0.044	0.1			
2016/17-6	Lab	LCS dup, rec	5/9/2017	Hydrocarbon	Gasoline Range Organics	n/a	=	97	%	EPA 8015D	-88	-88	75	123	
2016/17-6	Lab	LCS, RPD	5/9/2017	Hydrocarbon	Gasoline Range Organics	n/a	=	4	%	EPA 8015D	-88	-88	0	25	
2016/17-6	Lab	method blank	5/9/2017	Hydrocarbon	Gasoline Range Organics	n/a	<	0.044	mg/L	EPA 8015D	0.044	0.1			
2016/17-6	Lab	LCS	5/19/2017	Hydrocarbon	Gasoline Range Organics	n/a	=	1.09	mg/L	EPA 8015D	0.044	0.1			
2016/17-6	Lab	LCS, rec	5/19/2017	Hydrocarbon	Gasoline Range Organics	n/a	=	109	%	EPA 8015D	-88	-88	75	123	
2016/17-6	Lab	LCS dup	5/19/2017	Hydrocarbon	Gasoline Range Organics	n/a	=	1.04	mg/L	EPA 8015D	0.044	0.1			
2016/17-6	Lab	LCS dup, rec	5/19/2017	Hydrocarbon	Gasoline Range Organics	n/a	=	104	%	EPA 8015D	-88	-88	75	123	
2016/17-6	Lab	LCS, RPD	5/19/2017	Hydrocarbon	Gasoline Range Organics	n/a	=	4	%	EPA 8015D	-88	-88	0	25	
2016/17-6	Lab	method blank	5/19/2017	Hydrocarbon	Gasoline Range Organics	n/a	<	0.044	mg/L	EPA 8015D	0.044	0.1			
2016/17-6	Lab	LCS	5/26/2017	Hydrocarbon	Gasoline Range Organics	n/a	=	1.15	mg/L	EPA 8015D	0.044	0.1			
2016/17-6	Lab	LCS, rec	5/26/2017	Hydrocarbon	Gasoline Range Organics	n/a	=	115	%	EPA 8015D	-88	-88	75	123	
2016/17-6	Lab	LCS dup	5/26/2017	Hydrocarbon	Gasoline Range Organics	n/a	=	1.08	mg/L	EPA 8015D	0.044	0.1			
2016/17-6	Lab	LCS dup, rec	5/26/2017	Hydrocarbon	Gasoline Range Organics	n/a	=	108	%	EPA 8015D	-88	-88	75	123	
2016/17-6	Lab	LCS, RPD	5/26/2017	Hydrocarbon	Gasoline Range Organics	n/a	=	7	%	EPA 8015D	-88	-88	0	25	
2016/17-6	Lab	method blank	5/26/2017	Hydrocarbon	Gasoline Range Organics	n/a	<	0.044	mg/L	EPA 8015D	0.044	0.1			
2016/17-6	Lab	srgt method blank	5/11/2017	Hydrocarbon	n-Tetracosane	n/a	=	0.271	mg/L	EPA 8015D	-88	-88			
2016/17-6	Lab	srgt method blank, rec	5/11/2017	Hydrocarbon	n-Tetracosane	n/a	=	109	%	EPA 8015D	-88	-88	64	155	
2016/17-6	Lab	srgt LCS	5/11/2017	Hydrocarbon	n-Tetracosane	n/a	=	0.271	mg/L	EPA 8015D	-88	-88			
2016/17-6	Lab	srgt LCS, rec	5/11/2017	Hydrocarbon	n-Tetracosane	n/a	=	108	%	EPA 8015D	-88	-88	64	155	
2016/17-6	Lab	srgt LCS dup	5/11/2017	Hydrocarbon	n-Tetracosane	n/a	=	0.27	mg/L	EPA 8015D	-88	-88			
2016/17-6	Lab	srgt LCS dup, rec	5/11/2017	Hydrocarbon	n-Tetracosane	n/a	=	108	%	EPA 8015D	-88	-88	64	155	
2016/17-6	Lab	srgt method blank	5/24/2017	Hydrocarbon	n-Tetracosane	n/a	=	0.183	mg/L	EPA 8015D	-88	-88			
2016/17-6	Lab	srgt method blank, rec	5/24/2017	Hydrocarbon	n-Tetracosane	n/a	=	73	%	EPA 8015D	-88	-88	64	155	
2016/17-6	Lab	srgt LCS	5/24/2017	Hydrocarbon	n-Tetracosane	n/a	=	0.188	mg/L	EPA 8015D	-88	-88			
2016/17-6	Lab	srgt LCS, rec	5/24/2017	Hydrocarbon	n-Tetracosane	n/a	=	75	%	EPA 8015D	-88	-88	64	155	
2016/17-6	Lab	srgt LCS dup	5/24/2017	Hydrocarbon	n-Tetracosane	n/a	=	0.19	mg/L	EPA 8015D	-88	-88			
2016/17-6	Lab	srgt LCS dup, rec	5/24/2017	Hydrocarbon	n-Tetracosane	n/a	=	76	%	EPA 8015D	-88	-88	64	155	
2016/17-6	Lab	srgt method blank	5/31/2017	Hydrocarbon	n-Tetracosane	n/a	=	0.18	mg/L	EPA 8015D	-88	-88			
2016/17-6	Lab	srgt method blank, rec	5/31/2017	Hydrocarbon	n-Tetracosane	n/a	=	72	%	EPA 8015D	-88	-88	64	155	
2016/17-6	Lab	srgt LCS	5/31/2017	Hydrocarbon	n-Tetracosane	n/a	=	0.166	mg/L	EPA 8015D	-88	-88			
2016/17-6	Lab	srgt LCS, rec	5/31/2017	Hydrocarbon	n-Tetracosane	n/a	=	66	%	EPA 8015D	-88	-88	64	155	
2016/17-6	Lab	srgt LCS dup	5/31/2017	Hydrocarbon	n-Tetracosane	n/a	=	0.167	mg/L	EPA 8015D	-88	-88			
2016/17-6	Lab	srgt LCS dup, rec	5/31/2017	Hydrocarbon	n-Tetracosane	n/a	=	67	%	EPA 8015D	-88	-88	64	155	
2016/17-6	ME-CC	srgt environ	5/24/2017	Hydrocarbon	n-Tetracosane	n/a	=	0.173	mg/L	EPA 8015D	-88	-88			
2016/17-6	ME-CC	srgt environ, rec	5/24/2017	Hydrocarbon	n-Tetracosane	n/a	=	69	%	EPA 8015D	-88	-88	64	155	
2016/17-6	ME-SCR	srgt environ	5/12/2017	Hydrocarbon	n-Tetracosane	n/a	=	0.276	mg/L	EPA 8015D	-88	-88			
2016/17-6	ME-SCR	srgt environ, rec	5/12/2017	Hydrocarbon	n-Tetracosane	n/a	=	110	%	EPA 8015D	-88	-88	64	155	
2016/17-6	ME-VR2	srgt environ	5/31/2017	Hydrocarbon	n-Tetracosane	n/a	=	0.175	mg/L	EPA 8015D	-88	-88			
2016/17-6	ME-VR2	srgt environ, rec	5/31/2017	Hydrocarbon	n-Tetracosane	n/a	=	70	%	EPA 8015D	-88	-88	64	155	
2016/17-6	MO-CAM	srgt environ	5/25/2017	Hydrocarbon	n-Tetracosane	n/a	=	0.174	mg/L	EPA 8015D	-88	-88			
2016/17-6	MO-CAM	srgt environ, rec	5/25/2017	Hydrocarbon	n-Tetracosane	n/a	=	70	%	EPA 8015D	-88	-88	64	155	
2016/17-6	MO-FIL	srgt environ	5/11/2017	Hydrocarbon	n-Tetracosane	n/a	=	0.275	mg/L	EPA 8015D	-88	-88			
2016/17-6	MO-FIL	srgt environ, rec	5/11/2017	Hydrocarbon	n-Tetracosane	n/a	=	110	%	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	
2016/17-6	MO-HUE	srgt environ	5/31/2017	Hydrocarbon	n-Tetracosane	n/a	=	0.173	mg/L	EPA 8015D	-88	-88			
2016/17-6	MO-HUE	srgt environ, rec	5/31/2017	Hydrocarbon	n-Tetracosane	n/a	=	69	%	EPA 8015D	-88	-88	64	155	
2016/17-6	MO-MPK	srgt environ	5/24/2017	Hydrocarbon	n-Tetracosane	n/a	=	0.172	mg/L	EPA 8015D	-88	-88			
2016/17-6	MO-MPK	srgt environ, rec	5/24/2017	Hydrocarbon	n-Tetracosane	n/a	=	69	%	EPA 8015D	-88	-88	64	155	
2016/17-6	MO-OJA	srgt environ	5/31/2017	Hydrocarbon	n-Tetracosane	n/a	=	0.099	mg/L	EPA 8015D	-88	-88			GN
2016/17-6	MO-OJA	srgt environ, rec	5/31/2017	Hydrocarbon	n-Tetracosane	n/a	=	40	%	EPA 8015D	-88	-88	64	155	GN
2016/17-6	MO-SIM	srgt environ	5/24/2017	Hydrocarbon	n-Tetracosane	n/a	=	0.199	mg/L	EPA 8015D	-88	-88			
2016/17-6	MO-SIM	srgt environ, rec	5/24/2017	Hydrocarbon	n-Tetracosane	n/a	=	80	%	EPA 8015D	-88	-88	64	155	
2016/17-6	MO-THO	srgt environ	5/25/2017	Hydrocarbon	n-Tetracosane	n/a	=	0.2	mg/L	EPA 8015D	-88	-88			
2016/17-6	MO-THO	srgt environ, rec	5/25/2017	Hydrocarbon	n-Tetracosane	n/a	=	80	%	EPA 8015D	-88	-88	64	155	
2016/17-6	MO-VEN	srgt environ	5/11/2017	Hydrocarbon	n-Tetracosane	n/a	=	0.193	mg/L	EPA 8015D	-88	-88			
2016/17-6	MO-VEN	srgt environ, rec	5/11/2017	Hydrocarbon	n-Tetracosane	n/a	=	77	%	EPA 8015D	-88	-88	64	155	
2016/17-6	Lab	LCS	5/12/2017	Hydrocarbon	Oil and Grease	n/a	DNQ	4.7	mg/L	EPA 1664A	1.3	5			
2016/17-6	Lab	LCS	5/12/2017	Hydrocarbon	Oil and Grease	n/a	=	19.7	mg/L	EPA 1664A	1.3	5			
2016/17-6	Lab	LCS dup	5/12/2017	Hydrocarbon	Oil and Grease	n/a	=	19.6	mg/L	EPA 1664A	1.3	5			
2016/17-6	Lab	LCS dup, rec	5/12/2017	Hydrocarbon	Oil and Grease	n/a	=	98	%	EPA 1664A	-88	-88	78	114	
2016/17-6	Lab	LCS, rec	5/12/2017	Hydrocarbon	Oil and Grease	n/a	=	94	%	EPA 1664A	-88	-88	78	114	
2016/17-6	Lab	LCS, rec	5/12/2017	Hydrocarbon	Oil and Grease	n/a	=	98	%	EPA 1664A	-88	-88	78	114	
2016/17-6	Lab	LCS, RPD	5/12/2017	Hydrocarbon	Oil and Grease	n/a	=	0.5	%	EPA 1664A	-88	-88	0	18	
2016/17-6	Lab	method blank	5/12/2017	Hydrocarbon	Oil and Grease	n/a	<	1.3	mg/L	EPA 1664A	1.3	5			
2016/17-6	Lab	LCS	5/22/2017	Hydrocarbon	Oil and Grease	n/a	=	19.2	mg/L	EPA 1664A	1.3	5			
2016/17-6	Lab	LCS	5/22/2017	Hydrocarbon	Oil and Grease	n/a	DNQ	4.6	mg/L	EPA 1664A	1.3	5			
2016/17-6	Lab	LCS dup	5/22/2017	Hydrocarbon	Oil and Grease	n/a	=	19.4	mg/L	EPA 1664A	1.3	5			
2016/17-6	Lab	LCS dup, rec	5/22/2017	Hydrocarbon	Oil and Grease	n/a	=	97	%	EPA 1664A	-88	-88	78	114	
2016/17-6	Lab	LCS, rec	5/22/2017	Hydrocarbon	Oil and Grease	n/a	=	92	%	EPA 1664A	-88	-88	78	114	
2016/17-6	Lab	LCS, rec	5/22/2017	Hydrocarbon	Oil and Grease	n/a	=	96	%	EPA 1664A	-88	-88	78	114	
2016/17-6	Lab	LCS, RPD	5/22/2017	Hydrocarbon	Oil and Grease	n/a	=	1	%	EPA 1664A	-88	-88	0	18	
2016/17-6	Lab	method blank	5/22/2017	Hydrocarbon	Oil and Grease	n/a	<	1.3	mg/L	EPA 1664A	1.3	5			
2016/17-6	Lab	LCS	5/26/2017	Hydrocarbon	Oil and Grease	n/a	=	19	mg/L	EPA 1664A	1.3	5			
2016/17-6	Lab	LCS	5/26/2017	Hydrocarbon	Oil and Grease	n/a	DNQ	4.5	mg/L	EPA 1664A	1.3	5			
2016/17-6	Lab	LCS dup	5/26/2017	Hydrocarbon	Oil and Grease	n/a	=	18.8	mg/L	EPA 1664A	1.3	5			
2016/17-6	Lab	LCS dup, rec	5/26/2017	Hydrocarbon	Oil and Grease	n/a	=	94	%	EPA 1664A	-88	-88	78	114	
2016/17-6	Lab	LCS, rec	5/26/2017	Hydrocarbon	Oil and Grease	n/a	=	90	%	EPA 1664A	-88	-88	78	114	
2016/17-6	Lab	LCS, rec	5/26/2017	Hydrocarbon	Oil and Grease	n/a	=	95	%	EPA 1664A	-88	-88	78	114	
2016/17-6	Lab	LCS, RPD	5/26/2017	Hydrocarbon	Oil and Grease	n/a	=	1	%	EPA 1664A	-88	-88	0	18	
2016/17-6	Lab	method blank	5/26/2017	Hydrocarbon	Oil and Grease	n/a	<	1.3	mg/L	EPA 1664A	1.3	5			
2016/17-6	ME-CC	matrix spike	5/22/2017	Hydrocarbon	Oil and Grease	n/a	=	21.4	mg/L	EPA 1664A	1.3	5			
2016/17-6	ME-CC	matrix spike, rec	5/22/2017	Hydrocarbon	Oil and Grease	n/a	=	92	%	EPA 1664A	-88	-88	78	114	
2016/17-6	ME-SCR	matrix spike	5/12/2017	Hydrocarbon	Oil and Grease	n/a	=	24.1	mg/L	EPA 1664A	1.3	5			
2016/17-6	ME-SCR	matrix spike, rec	5/12/2017	Hydrocarbon	Oil and Grease	n/a	=	99	%	EPA 1664A	-88	-88	78	114	
2016/17-6	ME-VR2	matrix spike	5/26/2017	Hydrocarbon	Oil and Grease	n/a	=	19	mg/L	EPA 1664A	1.3	5			
2016/17-6	ME-VR2	matrix spike, rec	5/26/2017	Hydrocarbon	Oil and Grease	n/a	=	78	%	EPA 1664A	-88	-88	78	114	
2016/17-6	Lab	method blank	5/11/2017	Hydrocarbon	Oil Range Organics	n/a	<	0.33	mg/L	EPA 8015D	0.33	0.5			
2016/17-6	Lab	method blank	5/24/2017	Hydrocarbon	Oil Range Organics	n/a	<	0.33	mg/L	EPA 8015D	0.33	0.5			
2016/17-6	Lab	method blank	5/31/2017	Hydrocarbon	Oil Range Organics	n/a	<	0.33	mg/L	EPA 8015D	0.33	0.5			
2016/17-6	Lab	method blank	5/11/2017	Metal	Aluminum	Dissolved	DNQ	1.88	µg/L	EPA 200.8	1.3	5			IP
2016/17-6	Lab	LCS	5/11/2017	Metal	Aluminum	Dissolved	=	47	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	
2016/17-6	Lab	LCS, rec	5/11/2017	Metal	Aluminum	Dissolved	=	94	%	EPA 200.8	-88	-88	85	115	
2016/17-6	Lab	method blank	5/11/2017	Metal	Aluminum	Dissolved	<	1.3	µg/L	EPA 200.8	1.3	5			
2016/17-6	Lab	method blank	6/2/2017	Metal	Aluminum	Dissolved	DNQ	1.63	µg/L	EPA 200.8	1.3	5			IP
2016/17-6	Lab	LCS	6/2/2017	Metal	Aluminum	Dissolved	=	44.2	µg/L	EPA 200.8	1.3	5			
2016/17-6	Lab	LCS, rec	6/2/2017	Metal	Aluminum	Dissolved	=	88	%	EPA 200.8	-88	-88	85	115	
2016/17-6	Lab	method blank	6/15/2017	Metal	Aluminum	Dissolved	DNQ	1.55	µg/L	EPA 200.8	1.3	5			IP
2016/17-6	Lab	LCS	6/15/2017	Metal	Aluminum	Dissolved	=	50.1	µg/L	EPA 200.8	1.3	5			
2016/17-6	Lab	LCS, rec	6/15/2017	Metal	Aluminum	Dissolved	=	100	%	EPA 200.8	-88	-88	85	115	
2016/17-6	Lab	method blank	5/11/2017	Metal	Aluminum	Total	DNQ	1.55	µg/L	EPA 200.8	1.3	5			IP
2016/17-6	Lab	LCS	5/11/2017	Metal	Aluminum	Total	=	47	µg/L	EPA 200.8	1.3	5			
2016/17-6	Lab	LCS, rec	5/11/2017	Metal	Aluminum	Total	=	94	%	EPA 200.8	-88	-88	85	115	
2016/17-6	Lab	method blank	6/2/2017	Metal	Aluminum	Total	DNQ	1.58	µg/L	EPA 200.8	1.3	5			IP
2016/17-6	Lab	LCS	6/2/2017	Metal	Aluminum	Total	=	44.2	µg/L	EPA 200.8	1.3	5			
2016/17-6	Lab	LCS, rec	6/2/2017	Metal	Aluminum	Total	=	88	%	EPA 200.8	-88	-88	85	115	
2016/17-6	Lab	method blank	6/15/2017	Metal	Aluminum	Total	DNQ	1.64	µg/L	EPA 200.8	1.3	5			IP
2016/17-6	Lab	LCS	6/15/2017	Metal	Aluminum	Total	=	50.1	µg/L	EPA 200.8	1.3	5			
2016/17-6	Lab	LCS, rec	6/15/2017	Metal	Aluminum	Total	=	100	%	EPA 200.8	-88	-88	85	115	
2016/17-6	MO-FIL	matrix spike	5/11/2017	Metal	Aluminum	Total	=	59.2	µg/L	EPA 200.8	1.3	5			
2016/17-6	MO-FIL	matrix spike, rec	5/11/2017	Metal	Aluminum	Total	=	89	%	EPA 200.8	-88	-88	70	130	
2016/17-6	MO-FIL	matrix spike dup	5/11/2017	Metal	Aluminum	Total	=	57.8	µg/L	EPA 200.8	1.3	5			
2016/17-6	MO-FIL	matrix spike dup, rec	5/11/2017	Metal	Aluminum	Total	=	87	%	EPA 200.8	-88	-88	70	130	
2016/17-6	MO-FIL	matrix spike, RPD	5/11/2017	Metal	Aluminum	Total	=	2	%	EPA 200.8	-88	-88	0	30	
2016/17-6	MO-HUE	matrix spike	6/15/2017	Metal	Aluminum	Total	=	126	µg/L	EPA 200.8	1.3	5			
2016/17-6	MO-HUE	matrix spike, rec	6/15/2017	Metal	Aluminum	Total	=	73	%	EPA 200.8	-88	-88	70	130	
2016/17-6	MO-HUE	matrix spike dup	6/15/2017	Metal	Aluminum	Total	=	128	µg/L	EPA 200.8	1.3	5			
2016/17-6	MO-HUE	matrix spike dup, rec	6/15/2017	Metal	Aluminum	Total	=	79	%	EPA 200.8	-88	-88	70	130	
2016/17-6	MO-HUE	matrix spike, RPD	6/15/2017	Metal	Aluminum	Total	=	2	%	EPA 200.8	-88	-88	0	30	
2016/17-6	MO-MPK	matrix spike	6/2/2017	Metal	Aluminum	Total	=	79.9	µg/L	EPA 200.8	1.3	5			
2016/17-6	MO-MPK	matrix spike, rec	6/2/2017	Metal	Aluminum	Total	=	89	%	EPA 200.8	-88	-88	70	130	
2016/17-6	MO-MPK	matrix spike dup	6/2/2017	Metal	Aluminum	Total	=	78.8	µg/L	EPA 200.8	1.3	5			
2016/17-6	MO-MPK	matrix spike dup, rec	6/2/2017	Metal	Aluminum	Total	=	87	%	EPA 200.8	-88	-88	70	130	
2016/17-6	MO-MPK	matrix spike, RPD	6/2/2017	Metal	Aluminum	Total	=	1	%	EPA 200.8	-88	-88	0	30	
2016/17-6	Lab	method blank	5/11/2017	Metal	Antimony	Dissolved	<	0.045	µg/L	EPA 200.8	0.045	0.5			
2016/17-6	Lab	LCS	5/11/2017	Metal	Antimony	Dissolved	=	48.1	µg/L	EPA 200.8	0.045	0.5			
2016/17-6	Lab	LCS, rec	5/11/2017	Metal	Antimony	Dissolved	=	96	%	EPA 200.8	-88	-88	85	115	
2016/17-6	Lab	method blank	5/11/2017	Metal	Antimony	Dissolved	<	0.045	µg/L	EPA 200.8	0.045	0.5			
2016/17-6	Lab	method blank	5/26/2017	Metal	Antimony	Dissolved	<	0.045	µg/L	EPA 200.8	0.045	0.5			
2016/17-6	Lab	LCS	5/26/2017	Metal	Antimony	Dissolved	=	52	µg/L	EPA 200.8	0.045	0.5			
2016/17-6	Lab	LCS, rec	5/26/2017	Metal	Antimony	Dissolved	=	104	%	EPA 200.8	-88	-88	85	115	
2016/17-6	Lab	method blank	6/7/2017	Metal	Antimony	Dissolved	<	0.045	µg/L	EPA 200.8	0.045	0.5			
2016/17-6	Lab	LCS	6/7/2017	Metal	Antimony	Dissolved	=	49.1	µg/L	EPA 200.8	0.045	0.5			
2016/17-6	Lab	LCS, rec	6/7/2017	Metal	Antimony	Dissolved	=	98	%	EPA 200.8	-88	-88	85	115	
2016/17-6	MO-OJA	matrix spike	6/7/2017	Metal	Antimony	Dissolved	=	50.6	µg/L	EPA 200.8	0.045	0.5			
2016/17-6	MO-OJA	matrix spike, rec	6/7/2017	Metal	Antimony	Dissolved	=	101	%	EPA 200.8	-88	-88	70	130	
2016/17-6	MO-OJA	matrix spike dup	6/7/2017	Metal	Antimony	Dissolved	=	49.2	µg/L	EPA 200.8	0.045	0.5			
2016/17-6	MO-OJA	matrix spike dup, rec	6/7/2017	Metal	Antimony	Dissolved	=	98	%	EPA 200.8	-88	-88	70	130	
2016/17-6	MO-OJA	matrix spike, RPD	6/7/2017	Metal	Antimony	Dissolved	=	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	
2016/17-6	MO-SIM	matrix spike	5/26/2017	Metal	Antimony	Dissolved	=	50.4	µg/L	EPA 200.8	0.045	0.5			
2016/17-6	MO-SIM	matrix spike, rec	5/26/2017	Metal	Antimony	Dissolved	=	100	%	EPA 200.8	-88	-88	70	130	
2016/17-6	MO-SIM	matrix spike dup	5/26/2017	Metal	Antimony	Dissolved	=	50.4	µg/L	EPA 200.8	0.045	0.5			
2016/17-6	MO-SIM	matrix spike dup, rec	5/26/2017	Metal	Antimony	Dissolved	=	100	%	EPA 200.8	-88	-88	70	130	
2016/17-6	MO-SIM	matrix spike, RPD	5/26/2017	Metal	Antimony	Dissolved	=	0.08	%	EPA 200.8	-88	-88	0	30	
2016/17-6	Lab	method blank	5/11/2017	Metal	Antimony	Total	<	0.045	µg/L	EPA 200.8	0.045	0.5			
2016/17-6	Lab	LCS	5/11/2017	Metal	Antimony	Total	=	48.1	µg/L	EPA 200.8	0.045	0.5			
2016/17-6	Lab	LCS, rec	5/11/2017	Metal	Antimony	Total	=	96	%	EPA 200.8	-88	-88	85	115	
2016/17-6	Lab	method blank	5/26/2017	Metal	Antimony	Total	<	0.045	µg/L	EPA 200.8	0.045	0.5			
2016/17-6	Lab	LCS	5/26/2017	Metal	Antimony	Total	=	52	µg/L	EPA 200.8	0.045	0.5			
2016/17-6	Lab	LCS, rec	5/26/2017	Metal	Antimony	Total	=	104	%	EPA 200.8	-88	-88	85	115	
2016/17-6	Lab	method blank	6/7/2017	Metal	Antimony	Total	<	0.045	µg/L	EPA 200.8	0.045	0.5			
2016/17-6	Lab	LCS	6/7/2017	Metal	Antimony	Total	=	49.1	µg/L	EPA 200.8	0.045	0.5			
2016/17-6	Lab	LCS, rec	6/7/2017	Metal	Antimony	Total	=	98	%	EPA 200.8	-88	-88	85	115	
2016/17-6	MO-FIL	matrix spike	5/11/2017	Metal	Antimony	Total	=	45.6	µg/L	EPA 200.8	0.045	0.5			
2016/17-6	MO-FIL	matrix spike, rec	5/11/2017	Metal	Antimony	Total	=	91	%	EPA 200.8	-88	-88	70	130	
2016/17-6	MO-FIL	matrix spike dup	5/11/2017	Metal	Antimony	Total	=	48.8	µg/L	EPA 200.8	0.045	0.5			
2016/17-6	MO-FIL	matrix spike dup, rec	5/11/2017	Metal	Antimony	Total	=	97	%	EPA 200.8	-88	-88	70	130	
2016/17-6	MO-FIL	matrix spike, RPD	5/11/2017	Metal	Antimony	Total	=	7	%	EPA 200.8	-88	-88	0	30	
2016/17-6	MO-OJA	matrix spike	6/7/2017	Metal	Antimony	Total	=	50.6	µg/L	EPA 200.8	0.045	0.5			
2016/17-6	MO-OJA	matrix spike, rec	6/7/2017	Metal	Antimony	Total	=	101	%	EPA 200.8	-88	-88	70	130	
2016/17-6	MO-OJA	matrix spike dup	6/7/2017	Metal	Antimony	Total	=	49.2	µg/L	EPA 200.8	0.045	0.5			
2016/17-6	MO-OJA	matrix spike dup, rec	6/7/2017	Metal	Antimony	Total	=	98	%	EPA 200.8	-88	-88	70	130	
2016/17-6	MO-OJA	matrix spike, RPD	6/7/2017	Metal	Antimony	Total	=	3	%	EPA 200.8	-88	-88	0	30	
2016/17-6	MO-SIM	matrix spike	5/26/2017	Metal	Antimony	Total	=	50.4	µg/L	EPA 200.8	0.045	0.5			
2016/17-6	MO-SIM	matrix spike, rec	5/26/2017	Metal	Antimony	Total	=	100	%	EPA 200.8	-88	-88	70	130	
2016/17-6	MO-SIM	matrix spike dup	5/26/2017	Metal	Antimony	Total	=	50.4	µg/L	EPA 200.8	0.045	0.5			
2016/17-6	MO-SIM	matrix spike dup, rec	5/26/2017	Metal	Antimony	Total	=	100	%	EPA 200.8	-88	-88	70	130	
2016/17-6	MO-SIM	matrix spike, RPD	5/26/2017	Metal	Antimony	Total	=	0.08	%	EPA 200.8	-88	-88	0	30	
2016/17-6	Lab	method blank	5/11/2017	Metal	Arsenic	Dissolved	<	0.074	µg/L	EPA 200.8	0.074	0.4			
2016/17-6	Lab	LCS	5/11/2017	Metal	Arsenic	Dissolved	=	45.4	µg/L	EPA 200.8	0.074	0.4			
2016/17-6	Lab	LCS, rec	5/11/2017	Metal	Arsenic	Dissolved	=	91	%	EPA 200.8	-88	-88	85	115	
2016/17-6	Lab	method blank	5/11/2017	Metal	Arsenic	Dissolved	<	0.074	µg/L	EPA 200.8	0.074	0.4			
2016/17-6	Lab	method blank	5/26/2017	Metal	Arsenic	Dissolved	<	0.074	µg/L	EPA 200.8	0.074	0.4			
2016/17-6	Lab	LCS	5/26/2017	Metal	Arsenic	Dissolved	=	51.3	µg/L	EPA 200.8	0.074	0.4			
2016/17-6	Lab	LCS, rec	5/26/2017	Metal	Arsenic	Dissolved	=	103	%	EPA 200.8	-88	-88	85	115	
2016/17-6	Lab	method blank	6/7/2017	Metal	Arsenic	Dissolved	<	0.074	µg/L	EPA 200.8	0.074	0.4			
2016/17-6	Lab	LCS	6/7/2017	Metal	Arsenic	Dissolved	=	51.1	µg/L	EPA 200.8	0.074	0.4			
2016/17-6	Lab	LCS, rec	6/7/2017	Metal	Arsenic	Dissolved	=	102	%	EPA 200.8	-88	-88	85	115	
2016/17-6	MO-OJA	matrix spike	6/7/2017	Metal	Arsenic	Dissolved	=	53.5	µg/L	EPA 200.8	0.074	0.4			
2016/17-6	MO-OJA	matrix spike, rec	6/7/2017	Metal	Arsenic	Dissolved	=	106	%	EPA 200.8	-88	-88	70	130	
2016/17-6	MO-OJA	matrix spike dup	6/7/2017	Metal	Arsenic	Dissolved	=	49.6	µg/L	EPA 200.8	0.074	0.4			
2016/17-6	MO-OJA	matrix spike dup, rec	6/7/2017	Metal	Arsenic	Dissolved	=	98	%	EPA 200.8	-88	-88	70	130	
2016/17-6	MO-OJA	matrix spike, RPD	6/7/2017	Metal	Arsenic	Dissolved	=	8	%	EPA 200.8	-88	-88	0	30	
2016/17-6	MO-SIM	matrix spike	5/26/2017	Metal	Arsenic	Dissolved	=	52.7	µg/L	EPA 200.8	0.074	0.4			
2016/17-6	MO-SIM	matrix spike, rec	5/26/2017	Metal	Arsenic	Dissolved	=	103	%	EPA 200.8	-88	-88	70	130	
2016/17-6	MO-SIM	matrix spike dup	5/26/2017	Metal	Arsenic	Dissolved	=	52.1	µg/L	EPA 200.8	0.074	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	
2016/17-6	MO-SIM	matrix spike dup, rec	5/26/2017	Metal	Arsenic	Dissolved	=	102	%	EPA 200.8	-88	-88	70	130	
2016/17-6	MO-SIM	matrix spike, RPD	5/26/2017	Metal	Arsenic	Dissolved	=	1	%	EPA 200.8	-88	-88	0	30	
2016/17-6	Lab	method blank	5/11/2017	Metal	Arsenic	Total	<	0.074	µg/L	EPA 200.8	0.074	0.4			
2016/17-6	Lab	LCS	5/11/2017	Metal	Arsenic	Total	=	45.4	µg/L	EPA 200.8	0.074	0.4			
2016/17-6	Lab	LCS, rec	5/11/2017	Metal	Arsenic	Total	=	91	%	EPA 200.8	-88	-88	85	115	
2016/17-6	Lab	method blank	5/26/2017	Metal	Arsenic	Total	<	0.074	µg/L	EPA 200.8	0.074	0.4			
2016/17-6	Lab	LCS	5/26/2017	Metal	Arsenic	Total	=	51.3	µg/L	EPA 200.8	0.074	0.4			
2016/17-6	Lab	LCS, rec	5/26/2017	Metal	Arsenic	Total	=	103	%	EPA 200.8	-88	-88	85	115	
2016/17-6	Lab	method blank	6/7/2017	Metal	Arsenic	Total	<	0.074	µg/L	EPA 200.8	0.074	0.4			
2016/17-6	Lab	LCS	6/7/2017	Metal	Arsenic	Total	=	51.1	µg/L	EPA 200.8	0.074	0.4			
2016/17-6	Lab	LCS, rec	6/7/2017	Metal	Arsenic	Total	=	102	%	EPA 200.8	-88	-88	85	115	
2016/17-6	MO-FIL	matrix spike	5/11/2017	Metal	Arsenic	Total	=	47.3	µg/L	EPA 200.8	0.074	0.4			
2016/17-6	MO-FIL	matrix spike, rec	5/11/2017	Metal	Arsenic	Total	=	93	%	EPA 200.8	-88	-88	70	130	
2016/17-6	MO-FIL	matrix spike dup	5/11/2017	Metal	Arsenic	Total	=	48.1	µg/L	EPA 200.8	0.074	0.4			
2016/17-6	MO-FIL	matrix spike dup, rec	5/11/2017	Metal	Arsenic	Total	=	95	%	EPA 200.8	-88	-88	70	130	
2016/17-6	MO-FIL	matrix spike, RPD	5/11/2017	Metal	Arsenic	Total	=	2	%	EPA 200.8	-88	-88	0	30	
2016/17-6	MO-OJA	matrix spike	6/7/2017	Metal	Arsenic	Total	=	53.5	µg/L	EPA 200.8	0.074	0.4			
2016/17-6	MO-OJA	matrix spike, rec	6/7/2017	Metal	Arsenic	Total	=	106	%	EPA 200.8	-88	-88	70	130	
2016/17-6	MO-OJA	matrix spike dup	6/7/2017	Metal	Arsenic	Total	=	49.6	µg/L	EPA 200.8	0.074	0.4			
2016/17-6	MO-OJA	matrix spike dup, rec	6/7/2017	Metal	Arsenic	Total	=	98	%	EPA 200.8	-88	-88	70	130	
2016/17-6	MO-OJA	matrix spike, RPD	6/7/2017	Metal	Arsenic	Total	=	8	%	EPA 200.8	-88	-88	0	30	
2016/17-6	MO-SIM	matrix spike	5/26/2017	Metal	Arsenic	Total	=	52.7	µg/L	EPA 200.8	0.074	0.4			
2016/17-6	MO-SIM	matrix spike, rec	5/26/2017	Metal	Arsenic	Total	=	103	%	EPA 200.8	-88	-88	70	130	
2016/17-6	MO-SIM	matrix spike dup	5/26/2017	Metal	Arsenic	Total	=	52.1	µg/L	EPA 200.8	0.074	0.4			
2016/17-6	MO-SIM	matrix spike dup, rec	5/26/2017	Metal	Arsenic	Total	=	102	%	EPA 200.8	-88	-88	70	130	
2016/17-6	MO-SIM	matrix spike, RPD	5/26/2017	Metal	Arsenic	Total	=	1	%	EPA 200.8	-88	-88	0	30	
2016/17-6	Lab	method blank	5/11/2017	Metal	Barium	Total	<	0.071	µg/L	EPA 200.8	0.071	0.5			
2016/17-6	Lab	LCS	5/11/2017	Metal	Barium	Total	=	48	µg/L	EPA 200.8	0.071	0.5			
2016/17-6	Lab	LCS, rec	5/11/2017	Metal	Barium	Total	=	96	%	EPA 200.8	-88	-88	85	115	
2016/17-6	Lab	method blank	5/26/2017	Metal	Barium	Total	<	0.071	µg/L	EPA 200.8	0.071	0.5			
2016/17-6	Lab	LCS	5/26/2017	Metal	Barium	Total	=	50	µg/L	EPA 200.8	0.071	0.5			
2016/17-6	Lab	LCS, rec	5/26/2017	Metal	Barium	Total	=	100	%	EPA 200.8	-88	-88	85	115	
2016/17-6	Lab	method blank	6/7/2017	Metal	Barium	Total	<	0.071	µg/L	EPA 200.8	0.071	0.5			
2016/17-6	Lab	LCS	6/7/2017	Metal	Barium	Total	=	49.2	µg/L	EPA 200.8	0.071	0.5			
2016/17-6	Lab	LCS, rec	6/7/2017	Metal	Barium	Total	=	98	%	EPA 200.8	-88	-88	85	115	
2016/17-6	MO-FIL	matrix spike	5/11/2017	Metal	Barium	Total	=	73.6	µg/L	EPA 200.8	0.071	0.5			
2016/17-6	MO-FIL	matrix spike, rec	5/11/2017	Metal	Barium	Total	=	84	%	EPA 200.8	-88	-88	70	130	
2016/17-6	MO-FIL	matrix spike dup	5/11/2017	Metal	Barium	Total	=	77.7	µg/L	EPA 200.8	0.071	0.5			
2016/17-6	MO-FIL	matrix spike dup, rec	5/11/2017	Metal	Barium	Total	=	93	%	EPA 200.8	-88	-88	70	130	
2016/17-6	MO-FIL	matrix spike, RPD	5/11/2017	Metal	Barium	Total	=	6	%	EPA 200.8	-88	-88	0	30	
2016/17-6	MO-OJA	matrix spike	6/7/2017	Metal	Barium	Total	=	143	µg/L	EPA 200.8	0.071	0.5			
2016/17-6	MO-OJA	matrix spike, rec	6/7/2017	Metal	Barium	Total	=	111	%	EPA 200.8	-88	-88	70	130	
2016/17-6	MO-OJA	matrix spike dup	6/7/2017	Metal	Barium	Total	=	136	µg/L	EPA 200.8	0.071	0.5			
2016/17-6	MO-OJA	matrix spike dup, rec	6/7/2017	Metal	Barium	Total	=	97	%	EPA 200.8	-88	-88	70	130	
2016/17-6	MO-OJA	matrix spike, RPD	6/7/2017	Metal	Barium	Total	=	5	%	EPA 200.8	-88	-88	0	30	
2016/17-6	MO-SIM	matrix spike	5/26/2017	Metal	Barium	Total	=	64.9	µg/L	EPA 200.8	0.071	0.5			
2016/17-6	MO-SIM	matrix spike, rec	5/26/2017	Metal	Barium	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	
2016/17-6	MO-SIM	matrix spike dup	5/26/2017	Metal	Barium	Total	=	65.5	µg/L	EPA 200.8	0.071	0.5			
2016/17-6	MO-SIM	matrix spike dup, rec	5/26/2017	Metal	Barium	Total	=	101	%	EPA 200.8	-88	-88	70	130	
2016/17-6	MO-SIM	matrix spike, RPD	5/26/2017	Metal	Barium	Total	=	1	%	EPA 200.8	-88	-88	0	30	
2016/17-6	Lab	method blank	5/15/2017	Metal	Beryllium	Dissolved	<	0.033	µg/L	EPA 200.8	0.033	0.1			
2016/17-6	Lab	method blank	5/15/2017	Metal	Beryllium	Dissolved	<	0.033	µg/L	EPA 200.8	0.033	0.1			
2016/17-6	Lab	LCS	5/15/2017	Metal	Beryllium	Dissolved	=	45.8	µg/L	EPA 200.8	0.033	0.1			
2016/17-6	Lab	LCS, rec	5/15/2017	Metal	Beryllium	Dissolved	=	92	%	EPA 200.8	-88	-88	85	115	
2016/17-6	Lab	method blank	5/26/2017	Metal	Beryllium	Dissolved	<	0.033	µg/L	EPA 200.8	0.033	0.1			
2016/17-6	Lab	LCS	5/26/2017	Metal	Beryllium	Dissolved	=	51	µg/L	EPA 200.8	0.033	0.1			
2016/17-6	Lab	LCS, rec	5/26/2017	Metal	Beryllium	Dissolved	=	102	%	EPA 200.8	-88	-88	85	115	
2016/17-6	Lab	method blank	6/7/2017	Metal	Beryllium	Dissolved	<	0.033	µg/L	EPA 200.8	0.033	0.1			
2016/17-6	Lab	LCS	6/7/2017	Metal	Beryllium	Dissolved	=	49.7	µg/L	EPA 200.8	0.033	0.1			
2016/17-6	Lab	LCS, rec	6/7/2017	Metal	Beryllium	Dissolved	=	99	%	EPA 200.8	-88	-88	85	115	
2016/17-6	MO-OJA	matrix spike	6/7/2017	Metal	Beryllium	Dissolved	=	53.5	µg/L	EPA 200.8	0.033	0.1			
2016/17-6	MO-OJA	matrix spike, rec	6/7/2017	Metal	Beryllium	Dissolved	=	107	%	EPA 200.8	-88	-88	70	130	
2016/17-6	MO-OJA	matrix spike dup	6/7/2017	Metal	Beryllium	Dissolved	=	50.6	µg/L	EPA 200.8	0.033	0.1			
2016/17-6	MO-OJA	matrix spike dup, rec	6/7/2017	Metal	Beryllium	Dissolved	=	101	%	EPA 200.8	-88	-88	70	130	
2016/17-6	MO-OJA	matrix spike, RPD	6/7/2017	Metal	Beryllium	Dissolved	=	6	%	EPA 200.8	-88	-88	0	30	
2016/17-6	MO-SIM	matrix spike	5/26/2017	Metal	Beryllium	Dissolved	=	52.4	µg/L	EPA 200.8	0.033	0.1			
2016/17-6	MO-SIM	matrix spike, rec	5/26/2017	Metal	Beryllium	Dissolved	=	105	%	EPA 200.8	-88	-88	70	130	
2016/17-6	MO-SIM	matrix spike dup	5/26/2017	Metal	Beryllium	Dissolved	=	52.1	µg/L	EPA 200.8	0.033	0.1			
2016/17-6	MO-SIM	matrix spike dup, rec	5/26/2017	Metal	Beryllium	Dissolved	=	104	%	EPA 200.8	-88	-88	70	130	
2016/17-6	MO-SIM	matrix spike, RPD	5/26/2017	Metal	Beryllium	Dissolved	=	0.7	%	EPA 200.8	-88	-88	0	30	
2016/17-6	Lab	method blank	5/15/2017	Metal	Beryllium	Total	<	0.033	µg/L	EPA 200.8	0.033	0.1			
2016/17-6	Lab	LCS	5/15/2017	Metal	Beryllium	Total	=	45.8	µg/L	EPA 200.8	0.033	0.1			
2016/17-6	Lab	LCS, rec	5/15/2017	Metal	Beryllium	Total	=	92	%	EPA 200.8	-88	-88	85	115	
2016/17-6	Lab	method blank	5/26/2017	Metal	Beryllium	Total	<	0.033	µg/L	EPA 200.8	0.033	0.1			
2016/17-6	Lab	LCS	5/26/2017	Metal	Beryllium	Total	=	51	µg/L	EPA 200.8	0.033	0.1			
2016/17-6	Lab	LCS, rec	5/26/2017	Metal	Beryllium	Total	=	102	%	EPA 200.8	-88	-88	85	115	
2016/17-6	Lab	method blank	6/7/2017	Metal	Beryllium	Total	<	0.033	µg/L	EPA 200.8	0.033	0.1			
2016/17-6	Lab	LCS	6/7/2017	Metal	Beryllium	Total	=	49.7	µg/L	EPA 200.8	0.033	0.1			
2016/17-6	Lab	LCS, rec	6/7/2017	Metal	Beryllium	Total	=	99	%	EPA 200.8	-88	-88	85	115	
2016/17-6	MO-FIL	matrix spike	5/15/2017	Metal	Beryllium	Total	=	48.5	µg/L	EPA 200.8	0.033	0.1			
2016/17-6	MO-FIL	matrix spike, rec	5/15/2017	Metal	Beryllium	Total	=	97	%	EPA 200.8	-88	-88	70	130	
2016/17-6	MO-FIL	matrix spike dup	5/15/2017	Metal	Beryllium	Total	=	49.2	µg/L	EPA 200.8	0.033	0.1			
2016/17-6	MO-FIL	matrix spike dup, rec	5/15/2017	Metal	Beryllium	Total	=	98	%	EPA 200.8	-88	-88	70	130	
2016/17-6	MO-FIL	matrix spike, RPD	5/15/2017	Metal	Beryllium	Total	=	1	%	EPA 200.8	-88	-88	0	30	
2016/17-6	MO-OJA	matrix spike	6/7/2017	Metal	Beryllium	Total	=	53.5	µg/L	EPA 200.8	0.033	0.1			
2016/17-6	MO-OJA	matrix spike, rec	6/7/2017	Metal	Beryllium	Total	=	107	%	EPA 200.8	-88	-88	70	130	
2016/17-6	MO-OJA	matrix spike dup	6/7/2017	Metal	Beryllium	Total	=	50.6	µg/L	EPA 200.8	0.033	0.1			
2016/17-6	MO-OJA	matrix spike dup, rec	6/7/2017	Metal	Beryllium	Total	=	101	%	EPA 200.8	-88	-88	70	130	
2016/17-6	MO-OJA	matrix spike, RPD	6/7/2017	Metal	Beryllium	Total	=	6	%	EPA 200.8	-88	-88	0	30	
2016/17-6	MO-SIM	matrix spike	5/26/2017	Metal	Beryllium	Total	=	52.4	µg/L	EPA 200.8	0.033	0.1			
2016/17-6	MO-SIM	matrix spike, rec	5/26/2017	Metal	Beryllium	Total	=	105	%	EPA 200.8	-88	-88	70	130	
2016/17-6	MO-SIM	matrix spike dup	5/26/2017	Metal	Beryllium	Total	=	52.1	µg/L	EPA 200.8	0.033	0.1			
2016/17-6	MO-SIM	matrix spike dup, rec	5/26/2017	Metal	Beryllium	Total	=	104	%	EPA 200.8	-88	-88	70	130	
2016/17-6	MO-SIM	matrix spike, RPD	5/26/2017	Metal	Beryllium	Total	=	0.7	%	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	
2016/17-6	Lab	method blank	5/11/2017	Metal	Cadmium	Dissolved	<	0.041	µg/L	EPA 200.8	0.041	0.1			
2016/17-6	Lab	LCS	5/11/2017	Metal	Cadmium	Dissolved	=	45.5	µg/L	EPA 200.8	0.041	0.1			
2016/17-6	Lab	LCS, rec	5/11/2017	Metal	Cadmium	Dissolved	=	91	%	EPA 200.8	-88	-88	85	115	
2016/17-6	Lab	method blank	5/11/2017	Metal	Cadmium	Dissolved	<	0.041	µg/L	EPA 200.8	0.041	0.1			
2016/17-6	Lab	method blank	5/26/2017	Metal	Cadmium	Dissolved	<	0.041	µg/L	EPA 200.8	0.041	0.1			
2016/17-6	Lab	LCS	5/26/2017	Metal	Cadmium	Dissolved	=	50.6	µg/L	EPA 200.8	0.041	0.1			
2016/17-6	Lab	LCS, rec	5/26/2017	Metal	Cadmium	Dissolved	=	101	%	EPA 200.8	-88	-88	85	115	
2016/17-6	Lab	method blank	6/7/2017	Metal	Cadmium	Dissolved	<	0.041	µg/L	EPA 200.8	0.041	0.1			
2016/17-6	Lab	LCS	6/7/2017	Metal	Cadmium	Dissolved	=	51.2	µg/L	EPA 200.8	0.041	0.1			
2016/17-6	Lab	LCS, rec	6/7/2017	Metal	Cadmium	Dissolved	=	102	%	EPA 200.8	-88	-88	85	115	
2016/17-6	MO-OJA	matrix spike	6/7/2017	Metal	Cadmium	Dissolved	=	48.5	µg/L	EPA 200.8	0.041	0.1			
2016/17-6	MO-OJA	matrix spike, rec	6/7/2017	Metal	Cadmium	Dissolved	=	97	%	EPA 200.8	-88	-88	70	130	
2016/17-6	MO-OJA	matrix spike dup	6/7/2017	Metal	Cadmium	Dissolved	=	46	µg/L	EPA 200.8	0.041	0.1			
2016/17-6	MO-OJA	matrix spike dup, rec	6/7/2017	Metal	Cadmium	Dissolved	=	92	%	EPA 200.8	-88	-88	70	130	
2016/17-6	MO-OJA	matrix spike, RPD	6/7/2017	Metal	Cadmium	Dissolved	=	5	%	EPA 200.8	-88	-88	0	30	
2016/17-6	MO-SIM	matrix spike	5/26/2017	Metal	Cadmium	Dissolved	=	48.8	µg/L	EPA 200.8	0.041	0.1			
2016/17-6	MO-SIM	matrix spike, rec	5/26/2017	Metal	Cadmium	Dissolved	=	97	%	EPA 200.8	-88	-88	70	130	
2016/17-6	MO-SIM	matrix spike dup	5/26/2017	Metal	Cadmium	Dissolved	=	47.8	µg/L	EPA 200.8	0.041	0.1			
2016/17-6	MO-SIM	matrix spike dup, rec	5/26/2017	Metal	Cadmium	Dissolved	=	96	%	EPA 200.8	-88	-88	70	130	
2016/17-6	MO-SIM	matrix spike, RPD	5/26/2017	Metal	Cadmium	Dissolved	=	2	%	EPA 200.8	-88	-88	0	30	
2016/17-6	Lab	method blank	5/11/2017	Metal	Cadmium	Total	<	0.041	µg/L	EPA 200.8	0.041	0.1			
2016/17-6	Lab	LCS	5/11/2017	Metal	Cadmium	Total	=	45.5	µg/L	EPA 200.8	0.041	0.1			
2016/17-6	Lab	LCS, rec	5/11/2017	Metal	Cadmium	Total	=	91	%	EPA 200.8	-88	-88	85	115	
2016/17-6	Lab	method blank	5/26/2017	Metal	Cadmium	Total	<	0.041	µg/L	EPA 200.8	0.041	0.1			
2016/17-6	Lab	LCS	5/26/2017	Metal	Cadmium	Total	=	50.6	µg/L	EPA 200.8	0.041	0.1			
2016/17-6	Lab	LCS, rec	5/26/2017	Metal	Cadmium	Total	=	101	%	EPA 200.8	-88	-88	85	115	
2016/17-6	Lab	method blank	6/7/2017	Metal	Cadmium	Total	<	0.041	µg/L	EPA 200.8	0.041	0.1			
2016/17-6	Lab	LCS	6/7/2017	Metal	Cadmium	Total	=	51.2	µg/L	EPA 200.8	0.041	0.1			
2016/17-6	Lab	LCS, rec	6/7/2017	Metal	Cadmium	Total	=	102	%	EPA 200.8	-88	-88	85	115	
2016/17-6	MO-FIL	matrix spike	5/11/2017	Metal	Cadmium	Total	=	44.1	µg/L	EPA 200.8	0.041	0.1			
2016/17-6	MO-FIL	matrix spike, rec	5/11/2017	Metal	Cadmium	Total	=	88	%	EPA 200.8	-88	-88	70	130	
2016/17-6	MO-FIL	matrix spike dup	5/11/2017	Metal	Cadmium	Total	=	44.9	µg/L	EPA 200.8	0.041	0.1			
2016/17-6	MO-FIL	matrix spike dup, rec	5/11/2017	Metal	Cadmium	Total	=	89	%	EPA 200.8	-88	-88	70	130	
2016/17-6	MO-FIL	matrix spike, RPD	5/11/2017	Metal	Cadmium	Total	=	2	%	EPA 200.8	-88	-88	0	30	
2016/17-6	MO-OJA	matrix spike	6/7/2017	Metal	Cadmium	Total	=	48.5	µg/L	EPA 200.8	0.041	0.1			
2016/17-6	MO-OJA	matrix spike, rec	6/7/2017	Metal	Cadmium	Total	=	97	%	EPA 200.8	-88	-88	70	130	
2016/17-6	MO-OJA	matrix spike dup	6/7/2017	Metal	Cadmium	Total	=	46	µg/L	EPA 200.8	0.041	0.1			
2016/17-6	MO-OJA	matrix spike dup, rec	6/7/2017	Metal	Cadmium	Total	=	92	%	EPA 200.8	-88	-88	70	130	
2016/17-6	MO-OJA	matrix spike, RPD	6/7/2017	Metal	Cadmium	Total	=	5	%	EPA 200.8	-88	-88	0	30	
2016/17-6	MO-SIM	matrix spike	5/26/2017	Metal	Cadmium	Total	=	48.8	µg/L	EPA 200.8	0.041	0.1			
2016/17-6	MO-SIM	matrix spike, rec	5/26/2017	Metal	Cadmium	Total	=	97	%	EPA 200.8	-88	-88	70	130	
2016/17-6	MO-SIM	matrix spike dup	5/26/2017	Metal	Cadmium	Total	=	47.8	µg/L	EPA 200.8	0.041	0.1			
2016/17-6	MO-SIM	matrix spike dup, rec	5/26/2017	Metal	Cadmium	Total	=	96	%	EPA 200.8	-88	-88	70	130	
2016/17-6	MO-SIM	matrix spike, RPD	5/26/2017	Metal	Cadmium	Total	=	2	%	EPA 200.8	-88	-88	0	30	
2016/17-6	Lab	method blank	5/11/2017	Metal	Chromium	Dissolved	<	0.035	µg/L	EPA 200.8	0.035	0.2			
2016/17-6	Lab	LCS	5/11/2017	Metal	Chromium	Dissolved	=	44.2	µg/L	EPA 200.8	0.035	0.2			
2016/17-6	Lab	LCS, rec	5/11/2017	Metal	Chromium	Dissolved	=	88	%	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	
2016/17-6	Lab	method blank	5/11/2017	Metal	Chromium	Dissolved	<	0.035	µg/L	EPA 200.8	0.035	0.2			
2016/17-6	Lab	method blank	5/26/2017	Metal	Chromium	Dissolved	DNQ	0.0366	µg/L	EPA 200.8	0.035	0.2			IP
2016/17-6	Lab	LCS	5/26/2017	Metal	Chromium	Dissolved	=	49.8	µg/L	EPA 200.8	0.035	0.2			
2016/17-6	Lab	LCS, rec	5/26/2017	Metal	Chromium	Dissolved	=	100	%	EPA 200.8	-88	-88	85	115	
2016/17-6	Lab	method blank	6/7/2017	Metal	Chromium	Dissolved	<	0.035	µg/L	EPA 200.8	0.035	0.2			
2016/17-6	Lab	LCS	6/7/2017	Metal	Chromium	Dissolved	=	50	µg/L	EPA 200.8	0.035	0.2			
2016/17-6	Lab	LCS, rec	6/7/2017	Metal	Chromium	Dissolved	=	100	%	EPA 200.8	-88	-88	85	115	
2016/17-6	MO-OJA	matrix spike	6/7/2017	Metal	Chromium	Dissolved	=	52.8	µg/L	EPA 200.8	0.035	0.2			
2016/17-6	MO-OJA	matrix spike, rec	6/7/2017	Metal	Chromium	Dissolved	=	104	%	EPA 200.8	-88	-88	70	130	
2016/17-6	MO-OJA	matrix spike dup	6/7/2017	Metal	Chromium	Dissolved	=	49	µg/L	EPA 200.8	0.035	0.2			
2016/17-6	MO-OJA	matrix spike dup, rec	6/7/2017	Metal	Chromium	Dissolved	=	97	%	EPA 200.8	-88	-88	70	130	
2016/17-6	MO-OJA	matrix spike, RPD	6/7/2017	Metal	Chromium	Dissolved	=	7	%	EPA 200.8	-88	-88	0	30	
2016/17-6	MO-SIM	matrix spike	5/26/2017	Metal	Chromium	Dissolved	=	50.6	µg/L	EPA 200.8	0.035	0.2			
2016/17-6	MO-SIM	matrix spike, rec	5/26/2017	Metal	Chromium	Dissolved	=	98	%	EPA 200.8	-88	-88	70	130	
2016/17-6	MO-SIM	matrix spike dup	5/26/2017	Metal	Chromium	Dissolved	=	50.4	µg/L	EPA 200.8	0.035	0.2			
2016/17-6	MO-SIM	matrix spike dup, rec	5/26/2017	Metal	Chromium	Dissolved	=	98	%	EPA 200.8	-88	-88	70	130	
2016/17-6	MO-SIM	matrix spike, RPD	5/26/2017	Metal	Chromium	Dissolved	=	0.4	%	EPA 200.8	-88	-88	0	30	
2016/17-6	Lab	method blank	5/11/2017	Metal	Chromium	Total	<	0.035	µg/L	EPA 200.8	0.035	0.2			
2016/17-6	Lab	LCS	5/11/2017	Metal	Chromium	Total	=	44.2	µg/L	EPA 200.8	0.035	0.2			
2016/17-6	Lab	LCS, rec	5/11/2017	Metal	Chromium	Total	=	88	%	EPA 200.8	-88	-88	85	115	
2016/17-6	Lab	method blank	5/26/2017	Metal	Chromium	Total	<	0.035	µg/L	EPA 200.8	0.035	0.2			
2016/17-6	Lab	LCS	5/26/2017	Metal	Chromium	Total	=	49.8	µg/L	EPA 200.8	0.035	0.2			
2016/17-6	Lab	LCS, rec	5/26/2017	Metal	Chromium	Total	=	100	%	EPA 200.8	-88	-88	85	115	
2016/17-6	Lab	method blank	6/7/2017	Metal	Chromium	Total	<	0.035	µg/L	EPA 200.8	0.035	0.2			
2016/17-6	Lab	LCS	6/7/2017	Metal	Chromium	Total	=	50	µg/L	EPA 200.8	0.035	0.2			
2016/17-6	Lab	LCS, rec	6/7/2017	Metal	Chromium	Total	=	100	%	EPA 200.8	-88	-88	85	115	
2016/17-6	MO-FIL	matrix spike	5/11/2017	Metal	Chromium	Total	=	45.9	µg/L	EPA 200.8	0.035	0.2			
2016/17-6	MO-FIL	matrix spike, rec	5/11/2017	Metal	Chromium	Total	=	91	%	EPA 200.8	-88	-88	70	130	
2016/17-6	MO-FIL	matrix spike dup	5/11/2017	Metal	Chromium	Total	=	46.4	µg/L	EPA 200.8	0.035	0.2			
2016/17-6	MO-FIL	matrix spike dup, rec	5/11/2017	Metal	Chromium	Total	=	92	%	EPA 200.8	-88	-88	70	130	
2016/17-6	MO-FIL	matrix spike, RPD	5/11/2017	Metal	Chromium	Total	=	1	%	EPA 200.8	-88	-88	0	30	
2016/17-6	MO-OJA	matrix spike	6/7/2017	Metal	Chromium	Total	=	52.8	µg/L	EPA 200.8	0.035	0.2			
2016/17-6	MO-OJA	matrix spike, rec	6/7/2017	Metal	Chromium	Total	=	104	%	EPA 200.8	-88	-88	70	130	
2016/17-6	MO-OJA	matrix spike dup	6/7/2017	Metal	Chromium	Total	=	49	µg/L	EPA 200.8	0.035	0.2			
2016/17-6	MO-OJA	matrix spike dup, rec	6/7/2017	Metal	Chromium	Total	=	97	%	EPA 200.8	-88	-88	70	130	
2016/17-6	MO-OJA	matrix spike, RPD	6/7/2017	Metal	Chromium	Total	=	7	%	EPA 200.8	-88	-88	0	30	
2016/17-6	MO-SIM	matrix spike	5/26/2017	Metal	Chromium	Total	=	50.6	µg/L	EPA 200.8	0.035	0.2			
2016/17-6	MO-SIM	matrix spike, rec	5/26/2017	Metal	Chromium	Total	=	98	%	EPA 200.8	-88	-88	70	130	
2016/17-6	MO-SIM	matrix spike dup	5/26/2017	Metal	Chromium	Total	=	50.4	µg/L	EPA 200.8	0.035	0.2			
2016/17-6	MO-SIM	matrix spike dup, rec	5/26/2017	Metal	Chromium	Total	=	98	%	EPA 200.8	-88	-88	70	130	
2016/17-6	MO-SIM	matrix spike, RPD	5/26/2017	Metal	Chromium	Total	=	0.4	%	EPA 200.8	-88	-88	0	30	
2016/17-6	000NONPJ	matrix spike	5/8/2017	Metal	Chromium VI	n/a	=	5.35	µg/L	EPA 218.6	0.0048	0.02			
2016/17-6	000NONPJ	matrix spike	5/8/2017	Metal	Chromium VI	n/a	=	5.34	µg/L	EPA 218.6	0.0048	0.02			
2016/17-6	000NONPJ	matrix spike dup	5/8/2017	Metal	Chromium VI	n/a	=	5.4	µg/L	EPA 218.6	0.0048	0.02			
2016/17-6	000NONPJ	matrix spike dup	5/8/2017	Metal	Chromium VI	n/a	=	5.43	µg/L	EPA 218.6	0.0048	0.02			
2016/17-6	000NONPJ	matrix spike dup, rec	5/8/2017	Metal	Chromium VI	n/a	=	103	%	EPA 218.6	-88	-88	88	112	
2016/17-6	000NONPJ	matrix spike dup, rec	5/8/2017	Metal	Chromium VI	n/a	=	104	%	EPA 218.6	-88	-88	88	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	
2016/17-6	000NONPJ	matrix spike, rec	5/8/2017	Metal	Chromium VI	n/a	=	102	%	EPA 218.6	-88	-88	88	112	
2016/17-6	000NONPJ	matrix spike, rec	5/8/2017	Metal	Chromium VI	n/a	=	102	%	EPA 218.6	-88	-88	88	112	
2016/17-6	000NONPJ	matrix spike, RPD	5/8/2017	Metal	Chromium VI	n/a	=	0.9	%	EPA 218.6	-88	-88	0	10	
2016/17-6	000NONPJ	matrix spike, RPD	5/8/2017	Metal	Chromium VI	n/a	=	2	%	EPA 218.6	-88	-88	0	10	
2016/17-6	000NONPJ	matrix spike	5/11/2017	Metal	Chromium VI	n/a	=	4.84	µg/L	EPA 218.6	0.0048	0.02			
2016/17-6	000NONPJ	matrix spike	5/11/2017	Metal	Chromium VI	n/a	=	7.58	µg/L	EPA 218.6	0.0048	0.02			
2016/17-6	000NONPJ	matrix spike dup	5/11/2017	Metal	Chromium VI	n/a	=	7.6	µg/L	EPA 218.6	0.0048	0.02			
2016/17-6	000NONPJ	matrix spike dup	5/11/2017	Metal	Chromium VI	n/a	=	5.09	µg/L	EPA 218.6	0.0048	0.02			
2016/17-6	000NONPJ	matrix spike dup, rec	5/11/2017	Metal	Chromium VI	n/a	=	102	%	EPA 218.6	-88	-88	88	112	
2016/17-6	000NONPJ	matrix spike dup, rec	5/11/2017	Metal	Chromium VI	n/a	=	101	%	EPA 218.6	-88	-88	88	112	
2016/17-6	000NONPJ	matrix spike, rec	5/11/2017	Metal	Chromium VI	n/a	=	101	%	EPA 218.6	-88	-88	88	112	
2016/17-6	000NONPJ	matrix spike, rec	5/11/2017	Metal	Chromium VI	n/a	=	97	%	EPA 218.6	-88	-88	88	112	
2016/17-6	000NONPJ	matrix spike, RPD	5/11/2017	Metal	Chromium VI	n/a	=	0.2	%	EPA 218.6	-88	-88	0	10	
2016/17-6	000NONPJ	matrix spike, RPD	5/11/2017	Metal	Chromium VI	n/a	=	5	%	EPA 218.6	-88	-88	0	10	
2016/17-6	000NONPJ	matrix spike	5/31/2017	Metal	Chromium VI	n/a	=	5.1	µg/L	EPA 218.6	0.0048	0.02			
2016/17-6	000NONPJ	matrix spike	5/31/2017	Metal	Chromium VI	n/a	=	8.21	µg/L	EPA 218.6	0.0048	0.02			GB
2016/17-6	000NONPJ	matrix spike dup	5/31/2017	Metal	Chromium VI	n/a	=	5.65	µg/L	EPA 218.6	0.0048	0.02			
2016/17-6	000NONPJ	matrix spike dup	5/31/2017	Metal	Chromium VI	n/a	=	5.16	µg/L	EPA 218.6	0.0048	0.02			
2016/17-6	000NONPJ	matrix spike dup, rec	5/31/2017	Metal	Chromium VI	n/a	=	108	%	EPA 218.6	-88	-88	88	112	
2016/17-6	000NONPJ	matrix spike dup, rec	5/31/2017	Metal	Chromium VI	n/a	=	103	%	EPA 218.6	-88	-88	88	112	
2016/17-6	000NONPJ	matrix spike, rec	5/31/2017	Metal	Chromium VI	n/a	=	159	%	EPA 218.6	-88	-88	88	112	GB
2016/17-6	000NONPJ	matrix spike, rec	5/31/2017	Metal	Chromium VI	n/a	=	102	%	EPA 218.6	-88	-88	88	112	
2016/17-6	000NONPJ	matrix spike, RPD	5/31/2017	Metal	Chromium VI	n/a	=	1	%	EPA 218.6	-88	-88	0	10	
2016/17-6	000NONPJ	matrix spike, RPD	5/31/2017	Metal	Chromium VI	n/a	=	37	%	EPA 218.6	-88	-88	0	10	IL
2016/17-6	000NONPJ	matrix spike	6/5/2017	Metal	Chromium VI	n/a	=	5.35	µg/L	EPA 218.6	0.0048	0.02			
2016/17-6	000NONPJ	matrix spike	6/5/2017	Metal	Chromium VI	n/a	=	6.59	µg/L	EPA 218.6	0.0048	0.02			
2016/17-6	000NONPJ	matrix spike dup	6/5/2017	Metal	Chromium VI	n/a	=	6.71	µg/L	EPA 218.6	0.0048	0.02			
2016/17-6	000NONPJ	matrix spike dup	6/5/2017	Metal	Chromium VI	n/a	=	5.3	µg/L	EPA 218.6	0.0048	0.02			
2016/17-6	000NONPJ	matrix spike dup, rec	6/5/2017	Metal	Chromium VI	n/a	=	99	%	EPA 218.6	-88	-88	88	112	
2016/17-6	000NONPJ	matrix spike dup, rec	6/5/2017	Metal	Chromium VI	n/a	=	103	%	EPA 218.6	-88	-88	88	112	
2016/17-6	000NONPJ	matrix spike, rec	6/5/2017	Metal	Chromium VI	n/a	=	101	%	EPA 218.6	-88	-88	88	112	
2016/17-6	000NONPJ	matrix spike, rec	6/5/2017	Metal	Chromium VI	n/a	=	100	%	EPA 218.6	-88	-88	88	112	
2016/17-6	000NONPJ	matrix spike, RPD	6/5/2017	Metal	Chromium VI	n/a	=	2	%	EPA 218.6	-88	-88	0	10	
2016/17-6	000NONPJ	matrix spike, RPD	6/5/2017	Metal	Chromium VI	n/a	=	1	%	EPA 218.6	-88	-88	0	10	
2016/17-6	Lab	LCS	5/8/2017	Metal	Chromium VI	n/a	=	5.01	µg/L	EPA 218.6	0.0048	0.02			
2016/17-6	Lab	LCS, rec	5/8/2017	Metal	Chromium VI	n/a	=	100	%	EPA 218.6	-88	-88	90	110	
2016/17-6	Lab	LCS	5/11/2017	Metal	Chromium VI	n/a	=	5.03	µg/L	EPA 218.6	0.0048	0.02			
2016/17-6	Lab	LCS, rec	5/11/2017	Metal	Chromium VI	n/a	=	101	%	EPA 218.6	-88	-88	90	110	
2016/17-6	Lab	method blank	5/11/2017	Metal	Chromium VI	n/a	<	0.0048	µg/L	EPA 218.6	0.0048	0.02			
2016/17-6	Lab	method blank	5/19/2017	Metal	Chromium VI	n/a	<	0.0048	µg/L	EPA 218.6	0.0048	0.02			
2016/17-6	Lab	LCS	5/31/2017	Metal	Chromium VI	n/a	=	5.24	µg/L	EPA 218.6	0.0048	0.02			
2016/17-6	Lab	LCS, rec	5/31/2017	Metal	Chromium VI	n/a	=	105	%	EPA 218.6	-88	-88	90	110	
2016/17-6	Lab	method blank	5/31/2017	Metal	Chromium VI	n/a	<	0.0048	µg/L	EPA 218.6	0.0048	0.02			
2016/17-6	Lab	LCS	6/5/2017	Metal	Chromium VI	n/a	=	5.12	µg/L	EPA 218.6	0.0048	0.02			
2016/17-6	Lab	LCS, rec	6/5/2017	Metal	Chromium VI	n/a	=	102	%	EPA 218.6	-88	-88	90	110	
2016/17-6	Lab	method blank	6/5/2017	Metal	Chromium VI	n/a	<	0.0048	µg/L	EPA 218.6	0.0048	0.02			
2016/17-6	Lab	method blank	5/11/2017	Metal	Copper	Dissolved	<	0.13	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	
2016/17-6	Lab	LCS	5/11/2017	Metal	Copper	Dissolved	=	46.2	µg/L	EPA 200.8	0.13	0.5			
2016/17-6	Lab	LCS, rec	5/11/2017	Metal	Copper	Dissolved	=	92	%	EPA 200.8	-88	-88	85	115	
2016/17-6	Lab	method blank	5/11/2017	Metal	Copper	Dissolved	<	0.13	µg/L	EPA 200.8	0.13	0.5			
2016/17-6	Lab	method blank	5/26/2017	Metal	Copper	Dissolved	<	0.13	µg/L	EPA 200.8	0.13	0.5			
2016/17-6	Lab	LCS	5/26/2017	Metal	Copper	Dissolved	=	51.4	µg/L	EPA 200.8	0.13	0.5			
2016/17-6	Lab	LCS, rec	5/26/2017	Metal	Copper	Dissolved	=	103	%	EPA 200.8	-88	-88	85	115	
2016/17-6	Lab	method blank	6/7/2017	Metal	Copper	Dissolved	<	0.13	µg/L	EPA 200.8	0.13	0.5			
2016/17-6	Lab	LCS	6/7/2017	Metal	Copper	Dissolved	=	51.3	µg/L	EPA 200.8	0.13	0.5			
2016/17-6	Lab	LCS, rec	6/7/2017	Metal	Copper	Dissolved	=	103	%	EPA 200.8	-88	-88	85	115	
2016/17-6	MO-OJA	matrix spike	6/7/2017	Metal	Copper	Dissolved	=	53.2	µg/L	EPA 200.8	0.13	0.5			
2016/17-6	MO-OJA	matrix spike, rec	6/7/2017	Metal	Copper	Dissolved	=	97	%	EPA 200.8	-88	-88	70	130	
2016/17-6	MO-OJA	matrix spike dup	6/7/2017	Metal	Copper	Dissolved	=	50.3	µg/L	EPA 200.8	0.13	0.5			
2016/17-6	MO-OJA	matrix spike dup, rec	6/7/2017	Metal	Copper	Dissolved	=	91	%	EPA 200.8	-88	-88	70	130	
2016/17-6	MO-OJA	matrix spike, RPD	6/7/2017	Metal	Copper	Dissolved	=	6	%	EPA 200.8	-88	-88	0	30	
2016/17-6	MO-SIM	matrix spike	5/26/2017	Metal	Copper	Dissolved	=	47.5	µg/L	EPA 200.8	0.13	0.5			
2016/17-6	MO-SIM	matrix spike, rec	5/26/2017	Metal	Copper	Dissolved	=	93	%	EPA 200.8	-88	-88	70	130	
2016/17-6	MO-SIM	matrix spike dup	5/26/2017	Metal	Copper	Dissolved	=	47.2	µg/L	EPA 200.8	0.13	0.5			
2016/17-6	MO-SIM	matrix spike dup, rec	5/26/2017	Metal	Copper	Dissolved	=	93	%	EPA 200.8	-88	-88	70	130	
2016/17-6	MO-SIM	matrix spike, RPD	5/26/2017	Metal	Copper	Dissolved	=	0.7	%	EPA 200.8	-88	-88	0	30	
2016/17-6	Lab	method blank	5/11/2017	Metal	Copper	Total	<	0.13	µg/L	EPA 200.8	0.13	0.5			
2016/17-6	Lab	LCS	5/11/2017	Metal	Copper	Total	=	46.2	µg/L	EPA 200.8	0.13	0.5			
2016/17-6	Lab	LCS, rec	5/11/2017	Metal	Copper	Total	=	92	%	EPA 200.8	-88	-88	85	115	
2016/17-6	Lab	method blank	5/26/2017	Metal	Copper	Total	<	0.13	µg/L	EPA 200.8	0.13	0.5			
2016/17-6	Lab	LCS	5/26/2017	Metal	Copper	Total	=	51.4	µg/L	EPA 200.8	0.13	0.5			
2016/17-6	Lab	LCS, rec	5/26/2017	Metal	Copper	Total	=	103	%	EPA 200.8	-88	-88	85	115	
2016/17-6	Lab	method blank	6/7/2017	Metal	Copper	Total	<	0.13	µg/L	EPA 200.8	0.13	0.5			
2016/17-6	Lab	LCS	6/7/2017	Metal	Copper	Total	=	51.3	µg/L	EPA 200.8	0.13	0.5			
2016/17-6	Lab	LCS, rec	6/7/2017	Metal	Copper	Total	=	103	%	EPA 200.8	-88	-88	85	115	
2016/17-6	MO-FIL	matrix spike	5/11/2017	Metal	Copper	Total	=	47.7	µg/L	EPA 200.8	0.13	0.5			
2016/17-6	MO-FIL	matrix spike, rec	5/11/2017	Metal	Copper	Total	=	85	%	EPA 200.8	-88	-88	70	130	
2016/17-6	MO-FIL	matrix spike dup	5/11/2017	Metal	Copper	Total	=	48.9	µg/L	EPA 200.8	0.13	0.5			
2016/17-6	MO-FIL	matrix spike dup, rec	5/11/2017	Metal	Copper	Total	=	88	%	EPA 200.8	-88	-88	70	130	
2016/17-6	MO-FIL	matrix spike, RPD	5/11/2017	Metal	Copper	Total	=	3	%	EPA 200.8	-88	-88	0	30	
2016/17-6	MO-OJA	matrix spike	6/7/2017	Metal	Copper	Total	=	53.2	µg/L	EPA 200.8	0.13	0.5			
2016/17-6	MO-OJA	matrix spike, rec	6/7/2017	Metal	Copper	Total	=	96	%	EPA 200.8	-88	-88	70	130	
2016/17-6	MO-OJA	matrix spike dup	6/7/2017	Metal	Copper	Total	=	50.3	µg/L	EPA 200.8	0.13	0.5			
2016/17-6	MO-OJA	matrix spike dup, rec	6/7/2017	Metal	Copper	Total	=	90	%	EPA 200.8	-88	-88	70	130	
2016/17-6	MO-OJA	matrix spike, RPD	6/7/2017	Metal	Copper	Total	=	6	%	EPA 200.8	-88	-88	0	30	
2016/17-6	MO-SIM	matrix spike	5/26/2017	Metal	Copper	Total	=	47.5	µg/L	EPA 200.8	0.13	0.5			
2016/17-6	MO-SIM	matrix spike, rec	5/26/2017	Metal	Copper	Total	=	93	%	EPA 200.8	-88	-88	70	130	
2016/17-6	MO-SIM	matrix spike dup	5/26/2017	Metal	Copper	Total	=	47.2	µg/L	EPA 200.8	0.13	0.5			
2016/17-6	MO-SIM	matrix spike dup, rec	5/26/2017	Metal	Copper	Total	=	92	%	EPA 200.8	-88	-88	70	130	
2016/17-6	MO-SIM	matrix spike, RPD	5/26/2017	Metal	Copper	Total	=	0.7	%	EPA 200.8	-88	-88	0	30	
2016/17-6	Lab	method blank	5/14/2017	Metal	Iron	Dissolved	<	1.1	µg/L	EPA 200.7	1.1	10			
2016/17-6	Lab	LCS	5/14/2017	Metal	Iron	Dissolved	=	207	µg/L	EPA 200.7	1.1	10			
2016/17-6	Lab	LCS, rec	5/14/2017	Metal	Iron	Dissolved	=	103	%	EPA 200.7	-88	-88	85	115	
2016/17-6	Lab	method blank	6/8/2017	Metal	Iron	Dissolved	<	1.1	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	
2016/17-6	Lab	LCS	6/8/2017	Metal	Iron	Dissolved	=	203	µg/L	EPA 200.7	1.1	10			
2016/17-6	Lab	LCS, rec	6/8/2017	Metal	Iron	Dissolved	=	101	%	EPA 200.7	-88	-88	85	115	
2016/17-6	Lab	method blank	6/9/2017	Metal	Iron	Dissolved	<	1.1	µg/L	EPA 200.7	1.1	10			
2016/17-6	Lab	LCS	6/9/2017	Metal	Iron	Dissolved	=	215	µg/L	EPA 200.7	1.1	10			
2016/17-6	Lab	LCS, rec	6/9/2017	Metal	Iron	Dissolved	=	107	%	EPA 200.7	-88	-88	85	115	
2016/17-6	ME-SCR	matrix spike	5/14/2017	Metal	Iron	Dissolved	=	283	µg/L	EPA 200.7	1.1	10			
2016/17-6	ME-SCR	matrix spike, rec	5/14/2017	Metal	Iron	Dissolved	=	130	%	EPA 200.7	-88	-88	70	130	
2016/17-6	ME-SCR	matrix spike dup	5/14/2017	Metal	Iron	Dissolved	=	273	µg/L	EPA 200.7	1.1	10			
2016/17-6	ME-SCR	matrix spike dup, rec	5/14/2017	Metal	Iron	Dissolved	=	125	%	EPA 200.7	-88	-88	70	130	
2016/17-6	ME-SCR	matrix spike, RPD	5/14/2017	Metal	Iron	Dissolved	=	4	%	EPA 200.7	-88	-88	0	30	
2016/17-6	ME-VR2	matrix spike	6/8/2017	Metal	Iron	Dissolved	=	247	µg/L	EPA 200.7	1.1	10			
2016/17-6	ME-VR2	matrix spike, rec	6/8/2017	Metal	Iron	Dissolved	=	119	%	EPA 200.7	-88	-88	70	130	
2016/17-6	ME-VR2	matrix spike dup	6/8/2017	Metal	Iron	Dissolved	=	234	µg/L	EPA 200.7	1.1	10			
2016/17-6	ME-VR2	matrix spike dup, rec	6/8/2017	Metal	Iron	Dissolved	=	112	%	EPA 200.7	-88	-88	70	130	
2016/17-6	ME-VR2	matrix spike, RPD	6/8/2017	Metal	Iron	Dissolved	=	5	%	EPA 200.7	-88	-88	0	30	
2016/17-6	Lab	method blank	5/19/2017	Metal	Iron	Total	<	1.1	µg/L	EPA 200.7	1.1	10			
2016/17-6	Lab	LCS	5/19/2017	Metal	Iron	Total	=	208	µg/L	EPA 200.7	1.1	10			
2016/17-6	Lab	LCS, rec	5/19/2017	Metal	Iron	Total	=	104	%	EPA 200.7	-88	-88	85	115	
2016/17-6	Lab	method blank	6/8/2017	Metal	Iron	Total	DNQ	3	µg/L	EPA 200.7	1.1	10			IP
2016/17-6	Lab	LCS	6/8/2017	Metal	Iron	Total	=	203	µg/L	EPA 200.7	1.1	10			
2016/17-6	Lab	LCS, rec	6/8/2017	Metal	Iron	Total	=	101	%	EPA 200.7	-88	-88	85	115	
2016/17-6	Lab	method blank	6/9/2017	Metal	Iron	Total	<	1.1	µg/L	EPA 200.7	1.1	10			
2016/17-6	Lab	LCS	6/9/2017	Metal	Iron	Total	=	215	µg/L	EPA 200.7	1.1	10			
2016/17-6	Lab	LCS, rec	6/9/2017	Metal	Iron	Total	=	107	%	EPA 200.7	-88	-88	85	115	
2016/17-6	ME-CC	matrix spike	6/9/2017	Metal	Iron	Total	=	388	µg/L	EPA 200.7	1.1	10			
2016/17-6	ME-CC	matrix spike, rec	6/9/2017	Metal	Iron	Total	=	110	%	EPA 200.7	-88	-88	70	130	
2016/17-6	ME-CC	matrix spike dup	6/9/2017	Metal	Iron	Total	=	384	µg/L	EPA 200.7	1.1	10			
2016/17-6	ME-CC	matrix spike dup, rec	6/9/2017	Metal	Iron	Total	=	108	%	EPA 200.7	-88	-88	70	130	
2016/17-6	ME-CC	matrix spike, RPD	6/9/2017	Metal	Iron	Total	=	1	%	EPA 200.7	-88	-88	0	30	
2016/17-6	ME-SCR	matrix spike	5/19/2017	Metal	Iron	Total	=	262	µg/L	EPA 200.7	1.1	10			
2016/17-6	ME-SCR	matrix spike, rec	5/19/2017	Metal	Iron	Total	=	98	%	EPA 200.7	-88	-88	70	130	
2016/17-6	ME-SCR	matrix spike dup	5/19/2017	Metal	Iron	Total	=	259	µg/L	EPA 200.7	1.1	10			
2016/17-6	ME-SCR	matrix spike dup, rec	5/19/2017	Metal	Iron	Total	=	96	%	EPA 200.7	-88	-88	70	130	
2016/17-6	ME-SCR	matrix spike, RPD	5/19/2017	Metal	Iron	Total	=	1	%	EPA 200.7	-88	-88	0	30	
2016/17-6	ME-VR2	matrix spike	6/8/2017	Metal	Iron	Total	=	247	µg/L	EPA 200.7	1.1	10			
2016/17-6	ME-VR2	matrix spike, rec	6/8/2017	Metal	Iron	Total	=	111	%	EPA 200.7	-88	-88	70	130	
2016/17-6	ME-VR2	matrix spike dup	6/8/2017	Metal	Iron	Total	=	234	µg/L	EPA 200.7	1.1	10			
2016/17-6	ME-VR2	matrix spike dup, rec	6/8/2017	Metal	Iron	Total	=	104	%	EPA 200.7	-88	-88	70	130	
2016/17-6	ME-VR2	matrix spike, RPD	6/8/2017	Metal	Iron	Total	=	5	%	EPA 200.7	-88	-88	0	30	
2016/17-6	Lab	method blank	5/11/2017	Metal	Lead	Dissolved	DNQ	0.195	µg/L	EPA 200.8	0.031	0.2			IP
2016/17-6	Lab	LCS	5/11/2017	Metal	Lead	Dissolved	=	47.2	µg/L	EPA 200.8	0.031	0.2			
2016/17-6	Lab	LCS, rec	5/11/2017	Metal	Lead	Dissolved	=	94	%	EPA 200.8	-88	-88	85	115	
2016/17-6	Lab	method blank	5/11/2017	Metal	Lead	Dissolved	<	0.031	µg/L	EPA 200.8	0.031	0.2			
2016/17-6	Lab	method blank	5/26/2017	Metal	Lead	Dissolved	<	0.031	µg/L	EPA 200.8	0.031	0.2			
2016/17-6	Lab	LCS	5/26/2017	Metal	Lead	Dissolved	=	49.3	µg/L	EPA 200.8	0.031	0.2			
2016/17-6	Lab	LCS, rec	5/26/2017	Metal	Lead	Dissolved	=	99	%	EPA 200.8	-88	-88	85	115	
2016/17-6	Lab	method blank	6/15/2017	Metal	Lead	Dissolved	<	0.031	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	
2016/17-6	Lab	LCS	6/15/2017	Metal	Lead	Dissolved	=	47.1	µg/L	EPA 200.8	0.031	0.2			
2016/17-6	Lab	LCS, rec	6/15/2017	Metal	Lead	Dissolved	=	94	%	EPA 200.8	-88	-88	85	115	
2016/17-6	MO-SIM	matrix spike	5/26/2017	Metal	Lead	Dissolved	=	47	µg/L	EPA 200.8	0.031	0.2			
2016/17-6	MO-SIM	matrix spike, rec	5/26/2017	Metal	Lead	Dissolved	=	94	%	EPA 200.8	-88	-88	70	130	
2016/17-6	MO-SIM	matrix spike dup	5/26/2017	Metal	Lead	Dissolved	=	47.7	µg/L	EPA 200.8	0.031	0.2			
2016/17-6	MO-SIM	matrix spike dup, rec	5/26/2017	Metal	Lead	Dissolved	=	95	%	EPA 200.8	-88	-88	70	130	
2016/17-6	MO-SIM	matrix spike, RPD	5/26/2017	Metal	Lead	Dissolved	=	2	%	EPA 200.8	-88	-88	0	30	
2016/17-6	Lab	method blank	5/11/2017	Metal	Lead	Total	<	0.031	µg/L	EPA 200.8	0.031	0.2			
2016/17-6	Lab	LCS	5/11/2017	Metal	Lead	Total	=	47.2	µg/L	EPA 200.8	0.031	0.2			
2016/17-6	Lab	LCS, rec	5/11/2017	Metal	Lead	Total	=	94	%	EPA 200.8	-88	-88	85	115	
2016/17-6	Lab	method blank	5/26/2017	Metal	Lead	Total	<	0.031	µg/L	EPA 200.8	0.031	0.2			
2016/17-6	Lab	LCS	5/26/2017	Metal	Lead	Total	=	49.3	µg/L	EPA 200.8	0.031	0.2			
2016/17-6	Lab	LCS, rec	5/26/2017	Metal	Lead	Total	=	99	%	EPA 200.8	-88	-88	85	115	
2016/17-6	Lab	method blank	6/15/2017	Metal	Lead	Total	<	0.031	µg/L	EPA 200.8	0.031	0.2			
2016/17-6	Lab	LCS	6/15/2017	Metal	Lead	Total	=	47.1	µg/L	EPA 200.8	0.031	0.2			
2016/17-6	Lab	LCS, rec	6/15/2017	Metal	Lead	Total	=	94	%	EPA 200.8	-88	-88	85	115	
2016/17-6	MO-FIL	matrix spike	5/11/2017	Metal	Lead	Total	=	42.8	µg/L	EPA 200.8	0.031	0.2			
2016/17-6	MO-FIL	matrix spike, rec	5/11/2017	Metal	Lead	Total	=	85	%	EPA 200.8	-88	-88	70	130	
2016/17-6	MO-FIL	matrix spike dup	5/11/2017	Metal	Lead	Total	=	46.1	µg/L	EPA 200.8	0.031	0.2			
2016/17-6	MO-FIL	matrix spike dup, rec	5/11/2017	Metal	Lead	Total	=	92	%	EPA 200.8	-88	-88	70	130	
2016/17-6	MO-FIL	matrix spike, RPD	5/11/2017	Metal	Lead	Total	=	7	%	EPA 200.8	-88	-88	0	30	
2016/17-6	MO-HUE	matrix spike	6/15/2017	Metal	Lead	Total	=	45.1	µg/L	EPA 200.8	0.031	0.2			
2016/17-6	MO-HUE	matrix spike, rec	6/15/2017	Metal	Lead	Total	=	90	%	EPA 200.8	-88	-88	70	130	
2016/17-6	MO-HUE	matrix spike dup	6/15/2017	Metal	Lead	Total	=	44.4	µg/L	EPA 200.8	0.031	0.2			
2016/17-6	MO-HUE	matrix spike dup, rec	6/15/2017	Metal	Lead	Total	=	88	%	EPA 200.8	-88	-88	70	130	
2016/17-6	MO-HUE	matrix spike, RPD	6/15/2017	Metal	Lead	Total	=	2	%	EPA 200.8	-88	-88	0	30	
2016/17-6	MO-SIM	matrix spike	5/26/2017	Metal	Lead	Total	=	47	µg/L	EPA 200.8	0.031	0.2			
2016/17-6	MO-SIM	matrix spike, rec	5/26/2017	Metal	Lead	Total	=	94	%	EPA 200.8	-88	-88	70	130	
2016/17-6	MO-SIM	matrix spike dup	5/26/2017	Metal	Lead	Total	=	47.7	µg/L	EPA 200.8	0.031	0.2			
2016/17-6	MO-SIM	matrix spike dup, rec	5/26/2017	Metal	Lead	Total	=	95	%	EPA 200.8	-88	-88	70	130	
2016/17-6	MO-SIM	matrix spike, RPD	5/26/2017	Metal	Lead	Total	=	2	%	EPA 200.8	-88	-88	0	30	
2016/17-6	000NONPJ	matrix spike	5/24/2017	Metal	Mercury	Dissolved	=	841	ng/L	EPA 245.1	17	50			
2016/17-6	000NONPJ	matrix spike, rec	5/24/2017	Metal	Mercury	Dissolved	=	84	%	EPA 245.1	-88	-88	70	130	
2016/17-6	000NONPJ	matrix spike dup	5/24/2017	Metal	Mercury	Dissolved	=	829	ng/L	EPA 245.1	17	50			
2016/17-6	000NONPJ	matrix spike dup, rec	5/24/2017	Metal	Mercury	Dissolved	=	83	%	EPA 245.1	-88	-88	70	130	
2016/17-6	000NONPJ	matrix spike, RPD	5/24/2017	Metal	Mercury	Dissolved	=	1	%	EPA 245.1	-88	-88	0	20	
2016/17-6	000NONPJ	matrix spike	5/24/2017	Metal	Mercury	Dissolved	=	877	ng/L	EPA 245.1	17	50			
2016/17-6	000NONPJ	matrix spike, rec	5/24/2017	Metal	Mercury	Dissolved	=	88	%	EPA 245.1	-88	-88	70	130	
2016/17-6	000NONPJ	matrix spike dup	5/24/2017	Metal	Mercury	Dissolved	=	884	ng/L	EPA 245.1	17	50			
2016/17-6	000NONPJ	matrix spike dup, rec	5/24/2017	Metal	Mercury	Dissolved	=	88	%	EPA 245.1	-88	-88	70	130	
2016/17-6	000NONPJ	matrix spike, RPD	5/24/2017	Metal	Mercury	Dissolved	=	0.8	%	EPA 245.1	-88	-88	0	20	
2016/17-6	000NONPJ	matrix spike	6/2/2017	Metal	Mercury	Dissolved	=	1200	ng/L	EPA 245.1	17	50			
2016/17-6	000NONPJ	matrix spike, rec	6/2/2017	Metal	Mercury	Dissolved	=	101	%	EPA 245.1	-88	-88	70	130	
2016/17-6	000NONPJ	matrix spike dup	6/2/2017	Metal	Mercury	Dissolved	=	1200	ng/L	EPA 245.1	17	50			
2016/17-6	000NONPJ	matrix spike dup, rec	6/2/2017	Metal	Mercury	Dissolved	=	101	%	EPA 245.1	-88	-88	70	130	
2016/17-6	000NONPJ	matrix spike, RPD	6/2/2017	Metal	Mercury	Dissolved	=	0	%	EPA 245.1	-88	-88	0	20	
2016/17-6	Lab	method blank	5/10/2017	Metal	Mercury	Dissolved	<	17	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	
2016/17-6	Lab	LCS	5/10/2017	Metal	Mercury	Dissolved	=	966	ng/L	EPA 245.1	17	50			
2016/17-6	Lab	LCS, rec	5/10/2017	Metal	Mercury	Dissolved	=	97	%	EPA 245.1	-88	-88	85	115	
2016/17-6	Lab	method blank	5/24/2017	Metal	Mercury	Dissolved	<	17	ng/L	EPA 245.1	17	50			
2016/17-6	Lab	LCS	5/24/2017	Metal	Mercury	Dissolved	=	908	ng/L	EPA 245.1	17	50			
2016/17-6	Lab	LCS, rec	5/24/2017	Metal	Mercury	Dissolved	=	91	%	EPA 245.1	-88	-88	85	115	
2016/17-6	Lab	method blank	6/2/2017	Metal	Mercury	Dissolved	<	17	ng/L	EPA 245.1	17	50			
2016/17-6	Lab	LCS	6/2/2017	Metal	Mercury	Dissolved	=	985	ng/L	EPA 245.1	17	50			
2016/17-6	Lab	LCS, rec	6/2/2017	Metal	Mercury	Dissolved	=	98	%	EPA 245.1	-88	-88	85	115	
2016/17-6	000NONPJ	matrix spike	5/10/2017	Metal	Mercury	Total	=	954	ng/L	EPA 245.1	17	50			
2016/17-6	000NONPJ	matrix spike, rec	5/10/2017	Metal	Mercury	Total	=	95	%	EPA 245.1	-88	-88	70	130	
2016/17-6	000NONPJ	matrix spike dup	5/10/2017	Metal	Mercury	Total	=	918	ng/L	EPA 245.1	17	50			
2016/17-6	000NONPJ	matrix spike dup, rec	5/10/2017	Metal	Mercury	Total	=	92	%	EPA 245.1	-88	-88	70	130	
2016/17-6	000NONPJ	matrix spike, RPD	5/10/2017	Metal	Mercury	Total	=	4	%	EPA 245.1	-88	-88	0	20	
2016/17-6	000NONPJ	matrix spike	5/10/2017	Metal	Mercury	Total	=	882	ng/L	EPA 245.1	17	50			
2016/17-6	000NONPJ	matrix spike, rec	5/10/2017	Metal	Mercury	Total	=	88	%	EPA 245.1	-88	-88	70	130	
2016/17-6	000NONPJ	matrix spike dup	5/10/2017	Metal	Mercury	Total	=	905	ng/L	EPA 245.1	17	50			
2016/17-6	000NONPJ	matrix spike dup, rec	5/10/2017	Metal	Mercury	Total	=	90	%	EPA 245.1	-88	-88	70	130	
2016/17-6	000NONPJ	matrix spike, RPD	5/10/2017	Metal	Mercury	Total	=	3	%	EPA 245.1	-88	-88	0	20	
2016/17-6	000NONPJ	matrix spike	5/24/2017	Metal	Mercury	Total	=	841	ng/L	EPA 245.1	17	50			
2016/17-6	000NONPJ	matrix spike, rec	5/24/2017	Metal	Mercury	Total	=	84	%	EPA 245.1	-88	-88	70	130	
2016/17-6	000NONPJ	matrix spike dup	5/24/2017	Metal	Mercury	Total	=	829	ng/L	EPA 245.1	17	50			
2016/17-6	000NONPJ	matrix spike dup, rec	5/24/2017	Metal	Mercury	Total	=	83	%	EPA 245.1	-88	-88	70	130	
2016/17-6	000NONPJ	matrix spike, RPD	5/24/2017	Metal	Mercury	Total	=	1	%	EPA 245.1	-88	-88	0	20	
2016/17-6	000NONPJ	matrix spike	5/24/2017	Metal	Mercury	Total	=	877	ng/L	EPA 245.1	17	50			
2016/17-6	000NONPJ	matrix spike, rec	5/24/2017	Metal	Mercury	Total	=	88	%	EPA 245.1	-88	-88	70	130	
2016/17-6	000NONPJ	matrix spike dup	5/24/2017	Metal	Mercury	Total	=	884	ng/L	EPA 245.1	17	50			
2016/17-6	000NONPJ	matrix spike dup, rec	5/24/2017	Metal	Mercury	Total	=	88	%	EPA 245.1	-88	-88	70	130	
2016/17-6	000NONPJ	matrix spike, RPD	5/24/2017	Metal	Mercury	Total	=	0.8	%	EPA 245.1	-88	-88	0	20	
2016/17-6	000NONPJ	matrix spike	6/2/2017	Metal	Mercury	Total	=	1200	ng/L	EPA 245.1	17	50			
2016/17-6	000NONPJ	matrix spike, rec	6/2/2017	Metal	Mercury	Total	=	101	%	EPA 245.1	-88	-88	70	130	
2016/17-6	000NONPJ	matrix spike dup	6/2/2017	Metal	Mercury	Total	=	1200	ng/L	EPA 245.1	17	50			
2016/17-6	000NONPJ	matrix spike dup, rec	6/2/2017	Metal	Mercury	Total	=	101	%	EPA 245.1	-88	-88	70	130	
2016/17-6	000NONPJ	matrix spike, RPD	6/2/2017	Metal	Mercury	Total	=	0	%	EPA 245.1	-88	-88	0	20	
2016/17-6	Lab	method blank	5/10/2017	Metal	Mercury	Total	<	17	ng/L	EPA 245.1	17	50			
2016/17-6	Lab	LCS	5/10/2017	Metal	Mercury	Total	=	966	ng/L	EPA 245.1	17	50			
2016/17-6	Lab	LCS, rec	5/10/2017	Metal	Mercury	Total	=	97	%	EPA 245.1	-88	-88	85	115	
2016/17-6	Lab	method blank	5/24/2017	Metal	Mercury	Total	<	17	ng/L	EPA 245.1	17	50			
2016/17-6	Lab	LCS	5/24/2017	Metal	Mercury	Total	=	908	ng/L	EPA 245.1	17	50			
2016/17-6	Lab	LCS, rec	5/24/2017	Metal	Mercury	Total	=	91	%	EPA 245.1	-88	-88	85	115	
2016/17-6	Lab	method blank	6/2/2017	Metal	Mercury	Total	<	17	ng/L	EPA 245.1	17	50			
2016/17-6	Lab	LCS	6/2/2017	Metal	Mercury	Total	=	985	ng/L	EPA 245.1	17	50			
2016/17-6	Lab	LCS, rec	6/2/2017	Metal	Mercury	Total	=	98	%	EPA 245.1	-88	-88	85	115	
2016/17-6	Lab	method blank	5/11/2017	Metal	Nickel	Dissolved	<	0.045	µg/L	EPA 200.8	0.045	0.8			
2016/17-6	Lab	LCS	5/11/2017	Metal	Nickel	Dissolved	=	45.2	µg/L	EPA 200.8	0.045	0.8			
2016/17-6	Lab	LCS, rec	5/11/2017	Metal	Nickel	Dissolved	=	90	%	EPA 200.8	-88	-88	85	115	
2016/17-6	Lab	method blank	5/11/2017	Metal	Nickel	Dissolved	<	0.045	µg/L	EPA 200.8	0.045	0.8			
2016/17-6	Lab	method blank	5/26/2017	Metal	Nickel	Dissolved	<	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	
2016/17-6	Lab	LCS	5/26/2017	Metal	Nickel	Dissolved	=	51.8	µg/L	EPA 200.8	0.045	0.8			
2016/17-6	Lab	LCS, rec	5/26/2017	Metal	Nickel	Dissolved	=	104	%	EPA 200.8	-88	-88	85	115	
2016/17-6	Lab	method blank	6/15/2017	Metal	Nickel	Dissolved	DNQ	0.05	µg/L	EPA 200.8	0.045	0.8			IP
2016/17-6	Lab	LCS	6/15/2017	Metal	Nickel	Dissolved	=	52	µg/L	EPA 200.8	0.045	0.8			
2016/17-6	Lab	LCS, rec	6/15/2017	Metal	Nickel	Dissolved	=	104	%	EPA 200.8	-88	-88	85	115	
2016/17-6	MO-SIM	matrix spike	5/26/2017	Metal	Nickel	Dissolved	=	47.9	µg/L	EPA 200.8	0.045	0.8			
2016/17-6	MO-SIM	matrix spike, rec	5/26/2017	Metal	Nickel	Dissolved	=	93	%	EPA 200.8	-88	-88	70	130	
2016/17-6	MO-SIM	matrix spike dup	5/26/2017	Metal	Nickel	Dissolved	=	47.4	µg/L	EPA 200.8	0.045	0.8			
2016/17-6	MO-SIM	matrix spike dup, rec	5/26/2017	Metal	Nickel	Dissolved	=	92	%	EPA 200.8	-88	-88	70	130	
2016/17-6	MO-SIM	matrix spike, RPD	5/26/2017	Metal	Nickel	Dissolved	=	1	%	EPA 200.8	-88	-88	0	30	
2016/17-6	Lab	method blank	5/11/2017	Metal	Nickel	Total	<	0.045	µg/L	EPA 200.8	0.045	0.8			
2016/17-6	Lab	LCS	5/11/2017	Metal	Nickel	Total	=	45.2	µg/L	EPA 200.8	0.045	0.8			
2016/17-6	Lab	LCS, rec	5/11/2017	Metal	Nickel	Total	=	90	%	EPA 200.8	-88	-88	85	115	
2016/17-6	Lab	method blank	5/26/2017	Metal	Nickel	Total	<	0.045	µg/L	EPA 200.8	0.045	0.8			
2016/17-6	Lab	LCS	5/26/2017	Metal	Nickel	Total	=	51.8	µg/L	EPA 200.8	0.045	0.8			
2016/17-6	Lab	LCS, rec	5/26/2017	Metal	Nickel	Total	=	104	%	EPA 200.8	-88	-88	85	115	
2016/17-6	Lab	method blank	6/15/2017	Metal	Nickel	Total	<	0.045	µg/L	EPA 200.8	0.045	0.8			
2016/17-6	Lab	LCS	6/15/2017	Metal	Nickel	Total	=	52	µg/L	EPA 200.8	0.045	0.8			
2016/17-6	Lab	LCS, rec	6/15/2017	Metal	Nickel	Total	=	104	%	EPA 200.8	-88	-88	85	115	
2016/17-6	MO-FIL	matrix spike	5/11/2017	Metal	Nickel	Total	=	44.3	µg/L	EPA 200.8	0.045	0.8			
2016/17-6	MO-FIL	matrix spike, rec	5/11/2017	Metal	Nickel	Total	=	86	%	EPA 200.8	-88	-88	70	130	
2016/17-6	MO-FIL	matrix spike dup	5/11/2017	Metal	Nickel	Total	=	45.2	µg/L	EPA 200.8	0.045	0.8			
2016/17-6	MO-FIL	matrix spike dup, rec	5/11/2017	Metal	Nickel	Total	=	88	%	EPA 200.8	-88	-88	70	130	
2016/17-6	MO-FIL	matrix spike, RPD	5/11/2017	Metal	Nickel	Total	=	2	%	EPA 200.8	-88	-88	0	30	
2016/17-6	MO-HUE	matrix spike	6/15/2017	Metal	Nickel	Total	=	46.3	µg/L	EPA 200.8	0.045	0.8			
2016/17-6	MO-HUE	matrix spike, rec	6/15/2017	Metal	Nickel	Total	=	88	%	EPA 200.8	-88	-88	70	130	
2016/17-6	MO-HUE	matrix spike dup	6/15/2017	Metal	Nickel	Total	=	46.7	µg/L	EPA 200.8	0.045	0.8			
2016/17-6	MO-HUE	matrix spike dup, rec	6/15/2017	Metal	Nickel	Total	=	89	%	EPA 200.8	-88	-88	70	130	
2016/17-6	MO-HUE	matrix spike, RPD	6/15/2017	Metal	Nickel	Total	=	0.7	%	EPA 200.8	-88	-88	0	30	
2016/17-6	MO-SIM	matrix spike	5/26/2017	Metal	Nickel	Total	=	47.9	µg/L	EPA 200.8	0.045	0.8			
2016/17-6	MO-SIM	matrix spike, rec	5/26/2017	Metal	Nickel	Total	=	93	%	EPA 200.8	-88	-88	70	130	
2016/17-6	MO-SIM	matrix spike dup	5/26/2017	Metal	Nickel	Total	=	47.4	µg/L	EPA 200.8	0.045	0.8			
2016/17-6	MO-SIM	matrix spike dup, rec	5/26/2017	Metal	Nickel	Total	=	92	%	EPA 200.8	-88	-88	70	130	
2016/17-6	MO-SIM	matrix spike, RPD	5/26/2017	Metal	Nickel	Total	=	1	%	EPA 200.8	-88	-88	0	30	
2016/17-6	Lab	method blank	5/15/2017	Metal	Selenium	Dissolved	<	0.14	µg/L	EPA 200.8	0.14	0.4			
2016/17-6	Lab	method blank	5/15/2017	Metal	Selenium	Dissolved	<	0.14	µg/L	EPA 200.8	0.14	0.4			
2016/17-6	Lab	LCS	5/15/2017	Metal	Selenium	Dissolved	=	47.5	µg/L	EPA 200.8	0.14	0.4			
2016/17-6	Lab	LCS, rec	5/15/2017	Metal	Selenium	Dissolved	=	95	%	EPA 200.8	-88	-88	85	115	
2016/17-6	Lab	method blank	5/26/2017	Metal	Selenium	Dissolved	<	0.14	µg/L	EPA 200.8	0.14	0.4			
2016/17-6	Lab	LCS	5/26/2017	Metal	Selenium	Dissolved	=	52.2	µg/L	EPA 200.8	0.14	0.4			
2016/17-6	Lab	LCS, rec	5/26/2017	Metal	Selenium	Dissolved	=	104	%	EPA 200.8	-88	-88	85	115	
2016/17-6	Lab	method blank	6/7/2017	Metal	Selenium	Dissolved	<	0.14	µg/L	EPA 200.8	0.14	0.4			
2016/17-6	Lab	LCS	6/7/2017	Metal	Selenium	Dissolved	=	52.3	µg/L	EPA 200.8	0.14	0.4			
2016/17-6	Lab	LCS, rec	6/7/2017	Metal	Selenium	Dissolved	=	105	%	EPA 200.8	-88	-88	85	115	
2016/17-6	MO-OJA	matrix spike	6/7/2017	Metal	Selenium	Dissolved	=	54.7	µg/L	EPA 200.8	0.14	0.4			
2016/17-6	MO-OJA	matrix spike, rec	6/7/2017	Metal	Selenium	Dissolved	=	100	%	EPA 200.8	-88	-88	70	130	
2016/17-6	MO-OJA	matrix spike dup	6/7/2017	Metal	Selenium	Dissolved	=	50.4	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	
2016/17-6	MO-OJA	matrix spike dup, rec	6/7/2017	Metal	Selenium	Dissolved	=	92	%	EPA 200.8	-88	-88	70	130	
2016/17-6	MO-OJA	matrix spike, RPD	6/7/2017	Metal	Selenium	Dissolved	=	8	%	EPA 200.8	-88	-88	0	30	
2016/17-6	MO-SIM	matrix spike	5/26/2017	Metal	Selenium	Dissolved	=	83.5	µg/L	EPA 200.8	0.14	0.4			
2016/17-6	MO-SIM	matrix spike, rec	5/26/2017	Metal	Selenium	Dissolved	=	97	%	EPA 200.8	-88	-88	70	130	
2016/17-6	MO-SIM	matrix spike dup	5/26/2017	Metal	Selenium	Dissolved	=	83.3	µg/L	EPA 200.8	0.14	0.4			
2016/17-6	MO-SIM	matrix spike dup, rec	5/26/2017	Metal	Selenium	Dissolved	=	97	%	EPA 200.8	-88	-88	70	130	
2016/17-6	MO-SIM	matrix spike, RPD	5/26/2017	Metal	Selenium	Dissolved	=	0.2	%	EPA 200.8	-88	-88	0	30	
2016/17-6	Lab	method blank	5/15/2017	Metal	Selenium	Total	<	0.14	µg/L	EPA 200.8	0.14	0.4			
2016/17-6	Lab	LCS	5/15/2017	Metal	Selenium	Total	=	47.5	µg/L	EPA 200.8	0.14	0.4			
2016/17-6	Lab	LCS, rec	5/15/2017	Metal	Selenium	Total	=	95	%	EPA 200.8	-88	-88	85	115	
2016/17-6	Lab	method blank	5/26/2017	Metal	Selenium	Total	<	0.14	µg/L	EPA 200.8	0.14	0.4			
2016/17-6	Lab	LCS	5/26/2017	Metal	Selenium	Total	=	52.2	µg/L	EPA 200.8	0.14	0.4			
2016/17-6	Lab	LCS, rec	5/26/2017	Metal	Selenium	Total	=	104	%	EPA 200.8	-88	-88	85	115	
2016/17-6	Lab	method blank	6/7/2017	Metal	Selenium	Total	<	0.14	µg/L	EPA 200.8	0.14	0.4			
2016/17-6	Lab	LCS	6/7/2017	Metal	Selenium	Total	=	52.3	µg/L	EPA 200.8	0.14	0.4			
2016/17-6	Lab	LCS, rec	6/7/2017	Metal	Selenium	Total	=	105	%	EPA 200.8	-88	-88	85	115	
2016/17-6	MO-FIL	matrix spike	5/15/2017	Metal	Selenium	Total	=	54.1	µg/L	EPA 200.8	0.14	0.4			
2016/17-6	MO-FIL	matrix spike, rec	5/15/2017	Metal	Selenium	Total	=	97	%	EPA 200.8	-88	-88	70	130	
2016/17-6	MO-FIL	matrix spike dup	5/15/2017	Metal	Selenium	Total	=	54.6	µg/L	EPA 200.8	0.14	0.4			
2016/17-6	MO-FIL	matrix spike dup, rec	5/15/2017	Metal	Selenium	Total	=	98	%	EPA 200.8	-88	-88	70	130	
2016/17-6	MO-FIL	matrix spike, RPD	5/15/2017	Metal	Selenium	Total	=	0.8	%	EPA 200.8	-88	-88	0	30	
2016/17-6	MO-OJA	matrix spike	6/7/2017	Metal	Selenium	Total	=	54.7	µg/L	EPA 200.8	0.14	0.4			
2016/17-6	MO-OJA	matrix spike, rec	6/7/2017	Metal	Selenium	Total	=	100	%	EPA 200.8	-88	-88	70	130	
2016/17-6	MO-OJA	matrix spike dup	6/7/2017	Metal	Selenium	Total	=	50.4	µg/L	EPA 200.8	0.14	0.4			
2016/17-6	MO-OJA	matrix spike dup, rec	6/7/2017	Metal	Selenium	Total	=	91	%	EPA 200.8	-88	-88	70	130	
2016/17-6	MO-OJA	matrix spike, RPD	6/7/2017	Metal	Selenium	Total	=	8	%	EPA 200.8	-88	-88	0	30	
2016/17-6	MO-SIM	matrix spike	5/26/2017	Metal	Selenium	Total	=	83.5	µg/L	EPA 200.8	0.14	0.4			
2016/17-6	MO-SIM	matrix spike, rec	5/26/2017	Metal	Selenium	Total	=	99	%	EPA 200.8	-88	-88	70	130	
2016/17-6	MO-SIM	matrix spike dup	5/26/2017	Metal	Selenium	Total	=	83.3	µg/L	EPA 200.8	0.14	0.4			
2016/17-6	MO-SIM	matrix spike dup, rec	5/26/2017	Metal	Selenium	Total	=	98	%	EPA 200.8	-88	-88	70	130	
2016/17-6	MO-SIM	matrix spike, RPD	5/26/2017	Metal	Selenium	Total	=	0.2	%	EPA 200.8	-88	-88	0	30	
2016/17-6	Lab	method blank	5/11/2017	Metal	Silver	Dissolved	<	0.062	µg/L	EPA 200.8	0.062	0.2			
2016/17-6	Lab	LCS	5/11/2017	Metal	Silver	Dissolved	=	48.2	µg/L	EPA 200.8	0.062	0.2			
2016/17-6	Lab	LCS, rec	5/11/2017	Metal	Silver	Dissolved	=	96	%	EPA 200.8	-88	-88	85	115	
2016/17-6	Lab	method blank	5/11/2017	Metal	Silver	Dissolved	<	0.062	µg/L	EPA 200.8	0.062	0.2			
2016/17-6	Lab	method blank	5/26/2017	Metal	Silver	Dissolved	<	0.062	µg/L	EPA 200.8	0.062	0.2			
2016/17-6	Lab	LCS	5/26/2017	Metal	Silver	Dissolved	=	52	µg/L	EPA 200.8	0.062	0.2			
2016/17-6	Lab	LCS, rec	5/26/2017	Metal	Silver	Dissolved	=	104	%	EPA 200.8	-88	-88	85	115	
2016/17-6	Lab	method blank	6/7/2017	Metal	Silver	Dissolved	<	0.062	µg/L	EPA 200.8	0.062	0.2			
2016/17-6	Lab	LCS	6/7/2017	Metal	Silver	Dissolved	=	50	µg/L	EPA 200.8	0.062	0.2			
2016/17-6	Lab	LCS, rec	6/7/2017	Metal	Silver	Dissolved	=	100	%	EPA 200.8	-88	-88	85	115	
2016/17-6	MO-OJA	matrix spike	6/7/2017	Metal	Silver	Dissolved	=	50.1	µg/L	EPA 200.8	0.062	0.2			
2016/17-6	MO-OJA	matrix spike, rec	6/7/2017	Metal	Silver	Dissolved	=	100	%	EPA 200.8	-88	-88	70	130	
2016/17-6	MO-OJA	matrix spike dup	6/7/2017	Metal	Silver	Dissolved	=	46.8	µg/L	EPA 200.8	0.062	0.2			
2016/17-6	MO-OJA	matrix spike dup, rec	6/7/2017	Metal	Silver	Dissolved	=	94	%	EPA 200.8	-88	-88	70	130	
2016/17-6	MO-OJA	matrix spike, RPD	6/7/2017	Metal	Silver	Dissolved	=	7	%	EPA 200.8	-88	-88	0	30	
2016/17-6	MO-SIM	matrix spike	5/26/2017	Metal	Silver	Dissolved	=	45.7	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	
2016/17-6	MO-SIM	matrix spike, rec	5/26/2017	Metal	Silver	Dissolved	=	91	%	EPA 200.8	-88	-88	70	130	
2016/17-6	MO-SIM	matrix spike dup	5/26/2017	Metal	Silver	Dissolved	=	46.3	µg/L	EPA 200.8	0.062	0.2			
2016/17-6	MO-SIM	matrix spike dup, rec	5/26/2017	Metal	Silver	Dissolved	=	93	%	EPA 200.8	-88	-88	70	130	
2016/17-6	MO-SIM	matrix spike, RPD	5/26/2017	Metal	Silver	Dissolved	=	1	%	EPA 200.8	-88	-88	0	30	
2016/17-6	Lab	method blank	5/11/2017	Metal	Silver	Total	<	0.062	µg/L	EPA 200.8	0.062	0.2			
2016/17-6	Lab	LCS	5/11/2017	Metal	Silver	Total	=	48.2	µg/L	EPA 200.8	0.062	0.2			
2016/17-6	Lab	LCS, rec	5/11/2017	Metal	Silver	Total	=	96	%	EPA 200.8	-88	-88	85	115	
2016/17-6	Lab	method blank	5/26/2017	Metal	Silver	Total	<	0.062	µg/L	EPA 200.8	0.062	0.2			
2016/17-6	Lab	LCS	5/26/2017	Metal	Silver	Total	=	52	µg/L	EPA 200.8	0.062	0.2			
2016/17-6	Lab	LCS, rec	5/26/2017	Metal	Silver	Total	=	104	%	EPA 200.8	-88	-88	85	115	
2016/17-6	Lab	method blank	6/7/2017	Metal	Silver	Total	<	0.062	µg/L	EPA 200.8	0.062	0.2			
2016/17-6	Lab	LCS	6/7/2017	Metal	Silver	Total	=	50	µg/L	EPA 200.8	0.062	0.2			
2016/17-6	Lab	LCS, rec	6/7/2017	Metal	Silver	Total	=	100	%	EPA 200.8	-88	-88	85	115	
2016/17-6	MO-FIL	matrix spike	5/11/2017	Metal	Silver	Total	=	40.1	µg/L	EPA 200.8	0.062	0.2			
2016/17-6	MO-FIL	matrix spike, rec	5/11/2017	Metal	Silver	Total	=	80	%	EPA 200.8	-88	-88	70	130	
2016/17-6	MO-FIL	matrix spike dup	5/11/2017	Metal	Silver	Total	=	43.8	µg/L	EPA 200.8	0.062	0.2			
2016/17-6	MO-FIL	matrix spike dup, rec	5/11/2017	Metal	Silver	Total	=	88	%	EPA 200.8	-88	-88	70	130	
2016/17-6	MO-FIL	matrix spike, RPD	5/11/2017	Metal	Silver	Total	=	9	%	EPA 200.8	-88	-88	0	30	
2016/17-6	MO-OJA	matrix spike	6/7/2017	Metal	Silver	Total	=	50.1	µg/L	EPA 200.8	0.062	0.2			
2016/17-6	MO-OJA	matrix spike, rec	6/7/2017	Metal	Silver	Total	=	100	%	EPA 200.8	-88	-88	70	130	
2016/17-6	MO-OJA	matrix spike dup	6/7/2017	Metal	Silver	Total	=	46.8	µg/L	EPA 200.8	0.062	0.2			
2016/17-6	MO-OJA	matrix spike dup, rec	6/7/2017	Metal	Silver	Total	=	94	%	EPA 200.8	-88	-88	70	130	
2016/17-6	MO-OJA	matrix spike, RPD	6/7/2017	Metal	Silver	Total	=	7	%	EPA 200.8	-88	-88	0	30	
2016/17-6	MO-SIM	matrix spike	5/26/2017	Metal	Silver	Total	=	45.7	µg/L	EPA 200.8	0.062	0.2			
2016/17-6	MO-SIM	matrix spike, rec	5/26/2017	Metal	Silver	Total	=	91	%	EPA 200.8	-88	-88	70	130	
2016/17-6	MO-SIM	matrix spike dup	5/26/2017	Metal	Silver	Total	=	46.3	µg/L	EPA 200.8	0.062	0.2			
2016/17-6	MO-SIM	matrix spike dup, rec	5/26/2017	Metal	Silver	Total	=	93	%	EPA 200.8	-88	-88	70	130	
2016/17-6	MO-SIM	matrix spike, RPD	5/26/2017	Metal	Silver	Total	=	1	%	EPA 200.8	-88	-88	0	30	
2016/17-6	Lab	method blank	5/11/2017	Metal	Thallium	Dissolved	<	0.014	µg/L	EPA 200.8	0.014	0.2			
2016/17-6	Lab	LCS	5/11/2017	Metal	Thallium	Dissolved	=	49.4	µg/L	EPA 200.8	0.014	0.2			
2016/17-6	Lab	LCS, rec	5/11/2017	Metal	Thallium	Dissolved	=	99	%	EPA 200.8	-88	-88	85	115	
2016/17-6	Lab	method blank	5/11/2017	Metal	Thallium	Dissolved	<	0.014	µg/L	EPA 200.8	0.014	0.2			
2016/17-6	Lab	method blank	5/26/2017	Metal	Thallium	Dissolved	<	0.014	µg/L	EPA 200.8	0.014	0.2			
2016/17-6	Lab	LCS	5/26/2017	Metal	Thallium	Dissolved	=	51	µg/L	EPA 200.8	0.014	0.2			
2016/17-6	Lab	LCS, rec	5/26/2017	Metal	Thallium	Dissolved	=	102	%	EPA 200.8	-88	-88	85	115	
2016/17-6	Lab	method blank	6/7/2017	Metal	Thallium	Dissolved	<	0.014	µg/L	EPA 200.8	0.014	0.2			
2016/17-6	Lab	LCS	6/7/2017	Metal	Thallium	Dissolved	=	50.5	µg/L	EPA 200.8	0.014	0.2			
2016/17-6	Lab	LCS, rec	6/7/2017	Metal	Thallium	Dissolved	=	101	%	EPA 200.8	-88	-88	85	115	
2016/17-6	MO-OJA	matrix spike	6/7/2017	Metal	Thallium	Dissolved	=	51.7	µg/L	EPA 200.8	0.014	0.2			
2016/17-6	MO-OJA	matrix spike, rec	6/7/2017	Metal	Thallium	Dissolved	=	103	%	EPA 200.8	-88	-88	70	130	
2016/17-6	MO-OJA	matrix spike dup	6/7/2017	Metal	Thallium	Dissolved	=	49.9	µg/L	EPA 200.8	0.014	0.2			
2016/17-6	MO-OJA	matrix spike dup, rec	6/7/2017	Metal	Thallium	Dissolved	=	100	%	EPA 200.8	-88	-88	70	130	
2016/17-6	MO-OJA	matrix spike, RPD	6/7/2017	Metal	Thallium	Dissolved	=	4	%	EPA 200.8	-88	-88	0	30	
2016/17-6	MO-SIM	matrix spike	5/26/2017	Metal	Thallium	Dissolved	=	49.1	µg/L	EPA 200.8	0.014	0.2			
2016/17-6	MO-SIM	matrix spike, rec	5/26/2017	Metal	Thallium	Dissolved	=	98	%	EPA 200.8	-88	-88	70	130	
2016/17-6	MO-SIM	matrix spike dup	5/26/2017	Metal	Thallium	Dissolved	=	49.6	µg/L	EPA 200.8	0.014	0.2			
2016/17-6	MO-SIM	matrix spike dup, rec	5/26/2017	Metal	Thallium	Dissolved	=	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	
2016/17-6	MO-SIM	matrix spike, RPD	5/26/2017	Metal	Thallium	Dissolved	=	1	%	EPA 200.8	-88	-88	0	30	
2016/17-6	Lab	method blank	5/11/2017	Metal	Thallium	Total	<	0.014	µg/L	EPA 200.8	0.014	0.2			
2016/17-6	Lab	LCS	5/11/2017	Metal	Thallium	Total	=	49.4	µg/L	EPA 200.8	0.014	0.2			
2016/17-6	Lab	LCS, rec	5/11/2017	Metal	Thallium	Total	=	99	%	EPA 200.8	-88	-88	85	115	
2016/17-6	Lab	method blank	5/26/2017	Metal	Thallium	Total	<	0.014	µg/L	EPA 200.8	0.014	0.2			
2016/17-6	Lab	LCS	5/26/2017	Metal	Thallium	Total	=	51	µg/L	EPA 200.8	0.014	0.2			
2016/17-6	Lab	LCS, rec	5/26/2017	Metal	Thallium	Total	=	102	%	EPA 200.8	-88	-88	85	115	
2016/17-6	Lab	method blank	6/7/2017	Metal	Thallium	Total	<	0.014	µg/L	EPA 200.8	0.014	0.2			
2016/17-6	Lab	LCS	6/7/2017	Metal	Thallium	Total	=	50.5	µg/L	EPA 200.8	0.014	0.2			
2016/17-6	Lab	LCS, rec	6/7/2017	Metal	Thallium	Total	=	101	%	EPA 200.8	-88	-88	85	115	
2016/17-6	MO-FIL	matrix spike	5/11/2017	Metal	Thallium	Total	=	45	µg/L	EPA 200.8	0.014	0.2			
2016/17-6	MO-FIL	matrix spike, rec	5/11/2017	Metal	Thallium	Total	=	90	%	EPA 200.8	-88	-88	70	130	
2016/17-6	MO-FIL	matrix spike dup	5/11/2017	Metal	Thallium	Total	=	48.7	µg/L	EPA 200.8	0.014	0.2			
2016/17-6	MO-FIL	matrix spike dup, rec	5/11/2017	Metal	Thallium	Total	=	97	%	EPA 200.8	-88	-88	70	130	
2016/17-6	MO-FIL	matrix spike, RPD	5/11/2017	Metal	Thallium	Total	=	8	%	EPA 200.8	-88	-88	0	30	
2016/17-6	MO-OJA	matrix spike	6/7/2017	Metal	Thallium	Total	=	51.7	µg/L	EPA 200.8	0.014	0.2			
2016/17-6	MO-OJA	matrix spike, rec	6/7/2017	Metal	Thallium	Total	=	103	%	EPA 200.8	-88	-88	70	130	
2016/17-6	MO-OJA	matrix spike dup	6/7/2017	Metal	Thallium	Total	=	49.9	µg/L	EPA 200.8	0.014	0.2			
2016/17-6	MO-OJA	matrix spike dup, rec	6/7/2017	Metal	Thallium	Total	=	100	%	EPA 200.8	-88	-88	70	130	
2016/17-6	MO-OJA	matrix spike, RPD	6/7/2017	Metal	Thallium	Total	=	4	%	EPA 200.8	-88	-88	0	30	
2016/17-6	MO-SIM	matrix spike	5/26/2017	Metal	Thallium	Total	=	49.1	µg/L	EPA 200.8	0.014	0.2			
2016/17-6	MO-SIM	matrix spike, rec	5/26/2017	Metal	Thallium	Total	=	98	%	EPA 200.8	-88	-88	70	130	
2016/17-6	MO-SIM	matrix spike dup	5/26/2017	Metal	Thallium	Total	=	49.6	µg/L	EPA 200.8	0.014	0.2			
2016/17-6	MO-SIM	matrix spike dup, rec	5/26/2017	Metal	Thallium	Total	=	99	%	EPA 200.8	-88	-88	70	130	
2016/17-6	MO-SIM	matrix spike, RPD	5/26/2017	Metal	Thallium	Total	=	1	%	EPA 200.8	-88	-88	0	30	
2016/17-6	Lab	method blank	5/11/2017	Metal	Zinc	Dissolved	<	0.94	µg/L	EPA 200.8	0.94	5			
2016/17-6	Lab	LCS	5/11/2017	Metal	Zinc	Dissolved	=	47.8	µg/L	EPA 200.8	0.94	5			
2016/17-6	Lab	LCS, rec	5/11/2017	Metal	Zinc	Dissolved	=	96	%	EPA 200.8	-88	-88	85	115	
2016/17-6	Lab	method blank	5/11/2017	Metal	Zinc	Dissolved	<	0.94	µg/L	EPA 200.8	0.94	5			
2016/17-6	Lab	method blank	5/26/2017	Metal	Zinc	Dissolved	<	0.94	µg/L	EPA 200.8	0.94	5			
2016/17-6	Lab	LCS	5/26/2017	Metal	Zinc	Dissolved	=	51.5	µg/L	EPA 200.8	0.94	5			
2016/17-6	Lab	LCS, rec	5/26/2017	Metal	Zinc	Dissolved	=	103	%	EPA 200.8	-88	-88	85	115	
2016/17-6	Lab	method blank	6/7/2017	Metal	Zinc	Dissolved	<	0.94	µg/L	EPA 200.8	0.94	5			
2016/17-6	Lab	LCS	6/7/2017	Metal	Zinc	Dissolved	=	52.5	µg/L	EPA 200.8	0.94	5			
2016/17-6	Lab	LCS, rec	6/7/2017	Metal	Zinc	Dissolved	=	105	%	EPA 200.8	-88	-88	85	115	
2016/17-6	MO-OJA	matrix spike	6/7/2017	Metal	Zinc	Dissolved	=	56.4	µg/L	EPA 200.8	0.94	5			
2016/17-6	MO-OJA	matrix spike, rec	6/7/2017	Metal	Zinc	Dissolved	=	97	%	EPA 200.8	-88	-88	70	130	
2016/17-6	MO-OJA	matrix spike dup	6/7/2017	Metal	Zinc	Dissolved	=	52.8	µg/L	EPA 200.8	0.94	5			
2016/17-6	MO-OJA	matrix spike dup, rec	6/7/2017	Metal	Zinc	Dissolved	=	90	%	EPA 200.8	-88	-88	70	130	
2016/17-6	MO-OJA	matrix spike, RPD	6/7/2017	Metal	Zinc	Dissolved	=	7	%	EPA 200.8	-88	-88	0	30	
2016/17-6	MO-SIM	matrix spike	5/26/2017	Metal	Zinc	Dissolved	=	47.6	µg/L	EPA 200.8	0.94	5			
2016/17-6	MO-SIM	matrix spike, rec	5/26/2017	Metal	Zinc	Dissolved	=	87	%	EPA 200.8	-88	-88	70	130	
2016/17-6	MO-SIM	matrix spike dup	5/26/2017	Metal	Zinc	Dissolved	=	47.4	µg/L	EPA 200.8	0.94	5			
2016/17-6	MO-SIM	matrix spike dup, rec	5/26/2017	Metal	Zinc	Dissolved	=	86	%	EPA 200.8	-88	-88	70	130	
2016/17-6	MO-SIM	matrix spike, RPD	5/26/2017	Metal	Zinc	Dissolved	=	0.6	%	EPA 200.8	-88	-88	0	30	
2016/17-6	Lab	method blank	5/11/2017	Metal	Zinc	Total	<	0.94	µg/L	EPA 200.8	0.94	5			
2016/17-6	Lab	LCS	5/11/2017	Metal	Zinc	Total	=	47.8	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	
2016/17-6	Lab	LCS, rec	5/11/2017	Metal	Zinc	Total	=	96	%	EPA 200.8	-88	-88	85	115	
2016/17-6	Lab	method blank	5/26/2017	Metal	Zinc	Total	<	0.94	µg/L	EPA 200.8	0.94	5			
2016/17-6	Lab	LCS	5/26/2017	Metal	Zinc	Total	=	51.5	µg/L	EPA 200.8	0.94	5			
2016/17-6	Lab	LCS, rec	5/26/2017	Metal	Zinc	Total	=	103	%	EPA 200.8	-88	-88	85	115	
2016/17-6	Lab	method blank	6/7/2017	Metal	Zinc	Total	<	0.94	µg/L	EPA 200.8	0.94	5			
2016/17-6	Lab	LCS	6/7/2017	Metal	Zinc	Total	=	52.5	µg/L	EPA 200.8	0.94	5			
2016/17-6	Lab	LCS, rec	6/7/2017	Metal	Zinc	Total	=	105	%	EPA 200.8	-88	-88	85	115	
2016/17-6	MO-FIL	matrix spike	5/11/2017	Metal	Zinc	Total	=	47.9	µg/L	EPA 200.8	0.94	5			
2016/17-6	MO-FIL	matrix spike, rec	5/11/2017	Metal	Zinc	Total	=	86	%	EPA 200.8	-88	-88	70	130	
2016/17-6	MO-FIL	matrix spike dup	5/11/2017	Metal	Zinc	Total	=	48.8	µg/L	EPA 200.8	0.94	5			
2016/17-6	MO-FIL	matrix spike dup, rec	5/11/2017	Metal	Zinc	Total	=	88	%	EPA 200.8	-88	-88	70	130	
2016/17-6	MO-FIL	matrix spike, RPD	5/11/2017	Metal	Zinc	Total	=	2	%	EPA 200.8	-88	-88	0	30	
2016/17-6	MO-OJA	matrix spike	6/7/2017	Metal	Zinc	Total	=	56.4	µg/L	EPA 200.8	0.94	5			
2016/17-6	MO-OJA	matrix spike, rec	6/7/2017	Metal	Zinc	Total	=	92	%	EPA 200.8	-88	-88	70	130	
2016/17-6	MO-OJA	matrix spike dup	6/7/2017	Metal	Zinc	Total	=	52.8	µg/L	EPA 200.8	0.94	5			
2016/17-6	MO-OJA	matrix spike dup, rec	6/7/2017	Metal	Zinc	Total	=	85	%	EPA 200.8	-88	-88	70	130	
2016/17-6	MO-OJA	matrix spike, RPD	6/7/2017	Metal	Zinc	Total	=	7	%	EPA 200.8	-88	-88	0	30	
2016/17-6	MO-SIM	matrix spike	5/26/2017	Metal	Zinc	Total	=	47.6	µg/L	EPA 200.8	0.94	5			
2016/17-6	MO-SIM	matrix spike, rec	5/26/2017	Metal	Zinc	Total	=	90	%	EPA 200.8	-88	-88	70	130	
2016/17-6	MO-SIM	matrix spike dup	5/26/2017	Metal	Zinc	Total	=	47.4	µg/L	EPA 200.8	0.94	5			
2016/17-6	MO-SIM	matrix spike dup, rec	5/26/2017	Metal	Zinc	Total	=	89	%	EPA 200.8	-88	-88	70	130	
2016/17-6	MO-SIM	matrix spike, RPD	5/26/2017	Metal	Zinc	Total	=	0.6	%	EPA 200.8	-88	-88	0	30	
2016/17-6	000NONPJ	lab duplicate	5/5/2017	Nutrient	Ammonia as N	n/a	<	0.048	mg/L	EPA 350.1	0.048	0.1		15	
2016/17-6	000NONPJ	matrix spike	5/5/2017	Nutrient	Ammonia as N	n/a	=	0.241	mg/L	EPA 350.1	0.048	0.1			
2016/17-6	000NONPJ	matrix spike	5/5/2017	Nutrient	Ammonia as N	n/a	=	0.243	mg/L	EPA 350.1	0.048	0.1			
2016/17-6	000NONPJ	matrix spike dup	5/5/2017	Nutrient	Ammonia as N	n/a	=	0.239	mg/L	EPA 350.1	0.048	0.1			
2016/17-6	000NONPJ	matrix spike dup	5/5/2017	Nutrient	Ammonia as N	n/a	=	0.243	mg/L	EPA 350.1	0.048	0.1			
2016/17-6	000NONPJ	matrix spike dup, rec	5/5/2017	Nutrient	Ammonia as N	n/a	=	96	%	EPA 350.1	-88	-88	90	110	
2016/17-6	000NONPJ	matrix spike dup, rec	5/5/2017	Nutrient	Ammonia as N	n/a	=	97	%	EPA 350.1	-88	-88	90	110	
2016/17-6	000NONPJ	matrix spike, rec	5/5/2017	Nutrient	Ammonia as N	n/a	=	97	%	EPA 350.1	-88	-88	90	110	
2016/17-6	000NONPJ	matrix spike, rec	5/5/2017	Nutrient	Ammonia as N	n/a	=	97	%	EPA 350.1	-88	-88	90	110	
2016/17-6	000NONPJ	matrix spike, RPD	5/5/2017	Nutrient	Ammonia as N	n/a	=	2	%	EPA 350.1	-88	-88	0	15	
2016/17-6	000NONPJ	matrix spike, RPD	5/5/2017	Nutrient	Ammonia as N	n/a	=	0.5	%	EPA 350.1	-88	-88	0	15	
2016/17-6	000NONPJ	lab duplicate	5/12/2017	Nutrient	Ammonia as N	n/a	<	0.048	mg/L	EPA 350.1	0.048	0.1		15	
2016/17-6	000NONPJ	matrix spike	5/12/2017	Nutrient	Ammonia as N	n/a	=	0.257	mg/L	EPA 350.1	0.048	0.1			
2016/17-6	000NONPJ	matrix spike	5/12/2017	Nutrient	Ammonia as N	n/a	=	0.276	mg/L	EPA 350.1	0.048	0.1			
2016/17-6	000NONPJ	matrix spike dup	5/12/2017	Nutrient	Ammonia as N	n/a	=	0.254	mg/L	EPA 350.1	0.048	0.1			
2016/17-6	000NONPJ	matrix spike dup	5/12/2017	Nutrient	Ammonia as N	n/a	=	0.271	mg/L	EPA 350.1	0.048	0.1			
2016/17-6	000NONPJ	matrix spike dup, rec	5/12/2017	Nutrient	Ammonia as N	n/a	=	109	%	EPA 350.1	-88	-88	90	110	
2016/17-6	000NONPJ	matrix spike dup, rec	5/12/2017	Nutrient	Ammonia as N	n/a	=	102	%	EPA 350.1	-88	-88	90	110	
2016/17-6	000NONPJ	matrix spike, rec	5/12/2017	Nutrient	Ammonia as N	n/a	=	103	%	EPA 350.1	-88	-88	90	110	
2016/17-6	000NONPJ	matrix spike, rec	5/12/2017	Nutrient	Ammonia as N	n/a	=	110	%	EPA 350.1	-88	-88	90	110	
2016/17-6	000NONPJ	matrix spike, RPD	5/12/2017	Nutrient	Ammonia as N	n/a	=	2	%	EPA 350.1	-88	-88	0	15	
2016/17-6	000NONPJ	matrix spike, RPD	5/12/2017	Nutrient	Ammonia as N	n/a	=	1	%	EPA 350.1	-88	-88	0	15	
2016/17-6	000NONPJ	matrix spike	5/31/2017	Nutrient	Ammonia as N	n/a	=	0.24	mg/L	EPA 350.1	0.048	0.1			
2016/17-6	000NONPJ	matrix spike	5/31/2017	Nutrient	Ammonia as N	n/a	=	0.249	mg/L	EPA 350.1	0.048	0.1			
2016/17-6	000NONPJ	matrix spike dup	5/31/2017	Nutrient	Ammonia as N	n/a	=	0.243	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	
2016/17-6	000NONPJ	matrix spike dup	5/31/2017	Nutrient	Ammonia as N	n/a	=	0.248	mg/L	EPA 350.1	0.048	0.1			
2016/17-6	000NONPJ	matrix spike dup, rec	5/31/2017	Nutrient	Ammonia as N	n/a	=	99	%	EPA 350.1	-88	-88	90	110	
2016/17-6	000NONPJ	matrix spike dup, rec	5/31/2017	Nutrient	Ammonia as N	n/a	=	97	%	EPA 350.1	-88	-88	90	110	
2016/17-6	000NONPJ	matrix spike, rec	5/31/2017	Nutrient	Ammonia as N	n/a	=	96	%	EPA 350.1	-88	-88	90	110	
2016/17-6	000NONPJ	matrix spike, rec	5/31/2017	Nutrient	Ammonia as N	n/a	=	100	%	EPA 350.1	-88	-88	90	110	
2016/17-6	000NONPJ	matrix spike, RPD	5/31/2017	Nutrient	Ammonia as N	n/a	=	0.3	%	EPA 350.1	-88	-88	0	15	
2016/17-6	000NONPJ	matrix spike, RPD	5/31/2017	Nutrient	Ammonia as N	n/a	=	0.9	%	EPA 350.1	-88	-88	0	15	
2016/17-6	Lab	LCS	5/5/2017	Nutrient	Ammonia as N	n/a	=	0.243	mg/L	EPA 350.1	0.048	0.1			
2016/17-6	Lab	LCS	5/5/2017	Nutrient	Ammonia as N	n/a	=	0.236	mg/L	EPA 350.1	0.048	0.1			
2016/17-6	Lab	LCS, rec	5/5/2017	Nutrient	Ammonia as N	n/a	=	94	%	EPA 350.1	-88	-88	90	110	
2016/17-6	Lab	LCS, rec	5/5/2017	Nutrient	Ammonia as N	n/a	=	97	%	EPA 350.1	-88	-88	90	110	
2016/17-6	Lab	method blank	5/5/2017	Nutrient	Ammonia as N	n/a	<	0.048	mg/L	EPA 350.1	0.048	0.1			
2016/17-6	Lab	method blank	5/5/2017	Nutrient	Ammonia as N	n/a	<	0.048	mg/L	EPA 350.1	0.048	0.1			
2016/17-6	Lab	LCS	5/12/2017	Nutrient	Ammonia as N	n/a	=	0.252	mg/L	EPA 350.1	0.048	0.1			
2016/17-6	Lab	LCS	5/12/2017	Nutrient	Ammonia as N	n/a	=	0.266	mg/L	EPA 350.1	0.048	0.1			
2016/17-6	Lab	LCS, rec	5/12/2017	Nutrient	Ammonia as N	n/a	=	101	%	EPA 350.1	-88	-88	90	110	
2016/17-6	Lab	LCS, rec	5/12/2017	Nutrient	Ammonia as N	n/a	=	107	%	EPA 350.1	-88	-88	90	110	
2016/17-6	Lab	method blank	5/12/2017	Nutrient	Ammonia as N	n/a	<	0.048	mg/L	EPA 350.1	0.048	0.1			
2016/17-6	Lab	method blank	5/12/2017	Nutrient	Ammonia as N	n/a	<	0.048	mg/L	EPA 350.1	0.048	0.1			
2016/17-6	Lab	LCS	5/31/2017	Nutrient	Ammonia as N	n/a	=	0.24	mg/L	EPA 350.1	0.048	0.1			
2016/17-6	Lab	LCS	5/31/2017	Nutrient	Ammonia as N	n/a	=	0.239	mg/L	EPA 350.1	0.048	0.1			
2016/17-6	Lab	LCS, rec	5/31/2017	Nutrient	Ammonia as N	n/a	=	96	%	EPA 350.1	-88	-88	90	110	
2016/17-6	Lab	LCS, rec	5/31/2017	Nutrient	Ammonia as N	n/a	=	96	%	EPA 350.1	-88	-88	90	110	
2016/17-6	Lab	method blank	5/31/2017	Nutrient	Ammonia as N	n/a	<	0.048	mg/L	EPA 350.1	0.048	0.1			
2016/17-6	Lab	method blank	5/31/2017	Nutrient	Ammonia as N	n/a	<	0.048	mg/L	EPA 350.1	0.048	0.1			
2016/17-6	000NONPJ	matrix spike	5/5/2017	Nutrient	Nitrate + Nitrite as N	n/a	=	3.95	mg/L	EPA 353.2	0.041	0.1			
2016/17-6	000NONPJ	matrix spike, rec	5/5/2017	Nutrient	Nitrate + Nitrite as N	n/a	=	107	%	EPA 353.2	-88	-88	90	110	
2016/17-6	000NONPJ	matrix spike dup	5/5/2017	Nutrient	Nitrate + Nitrite as N	n/a	=	3.94	mg/L	EPA 353.2	0.041	0.1			
2016/17-6	000NONPJ	matrix spike dup, rec	5/5/2017	Nutrient	Nitrate + Nitrite as N	n/a	=	106	%	EPA 353.2	-88	-88	90	110	
2016/17-6	000NONPJ	matrix spike, RPD	5/5/2017	Nutrient	Nitrate + Nitrite as N	n/a	=	0.3	%	EPA 353.2	-88	-88	0	20	
2016/17-6	000NONPJ	matrix spike	5/5/2017	Nutrient	Nitrate + Nitrite as N	n/a	=	2.62	mg/L	EPA 353.2	0.041	0.1			
2016/17-6	000NONPJ	matrix spike, rec	5/5/2017	Nutrient	Nitrate + Nitrite as N	n/a	=	104	%	EPA 353.2	-88	-88	90	110	
2016/17-6	000NONPJ	matrix spike dup	5/5/2017	Nutrient	Nitrate + Nitrite as N	n/a	=	2.61	mg/L	EPA 353.2	0.041	0.1			
2016/17-6	000NONPJ	matrix spike dup, rec	5/5/2017	Nutrient	Nitrate + Nitrite as N	n/a	=	104	%	EPA 353.2	-88	-88	90	110	
2016/17-6	000NONPJ	matrix spike, RPD	5/5/2017	Nutrient	Nitrate + Nitrite as N	n/a	=	0.4	%	EPA 353.2	-88	-88	0	20	
2016/17-6	000NONPJ	matrix spike	5/16/2017	Nutrient	Nitrate + Nitrite as N	n/a	=	3.5	mg/L	EPA 353.2	0.041	0.1			
2016/17-6	000NONPJ	matrix spike, rec	5/16/2017	Nutrient	Nitrate + Nitrite as N	n/a	=	95	%	EPA 353.2	-88	-88	90	110	
2016/17-6	000NONPJ	matrix spike dup	5/16/2017	Nutrient	Nitrate + Nitrite as N	n/a	=	3.47	mg/L	EPA 353.2	0.041	0.1			
2016/17-6	000NONPJ	matrix spike dup, rec	5/16/2017	Nutrient	Nitrate + Nitrite as N	n/a	=	93	%	EPA 353.2	-88	-88	90	110	
2016/17-6	000NONPJ	matrix spike, RPD	5/16/2017	Nutrient	Nitrate + Nitrite as N	n/a	=	0.8	%	EPA 353.2	-88	-88	0	20	
2016/17-6	000NONPJ	matrix spike	5/16/2017	Nutrient	Nitrate + Nitrite as N	n/a	=	2.98	mg/L	EPA 353.2	0.041	0.1			
2016/17-6	000NONPJ	matrix spike, rec	5/16/2017	Nutrient	Nitrate + Nitrite as N	n/a	=	92	%	EPA 353.2	-88	-88	90	110	
2016/17-6	000NONPJ	matrix spike dup	5/16/2017	Nutrient	Nitrate + Nitrite as N	n/a	=	3	mg/L	EPA 353.2	0.041	0.1			
2016/17-6	000NONPJ	matrix spike dup, rec	5/16/2017	Nutrient	Nitrate + Nitrite as N	n/a	=	93	%	EPA 353.2	-88	-88	90	110	
2016/17-6	000NONPJ	matrix spike, RPD	5/16/2017	Nutrient	Nitrate + Nitrite as N	n/a	=	0.5	%	EPA 353.2	-88	-88	0	20	
2016/17-6	000NONPJ	matrix spike	5/19/2017	Nutrient	Nitrate + Nitrite as N	n/a	=	3.81	mg/L	EPA 353.2	0.082	0.2			
2016/17-6	000NONPJ	matrix spike, rec	5/19/2017	Nutrient	Nitrate + Nitrite as N	n/a	=	95	%	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	
2016/17-6	000NONPJ	matrix spike dup	5/19/2017	Nutrient	Nitrate + Nitrite as N	n/a	=	3.76	mg/L	EPA 353.2	0.082	0.2			
2016/17-6	000NONPJ	matrix spike dup, rec	5/19/2017	Nutrient	Nitrate + Nitrite as N	n/a	=	94	%	EPA 353.2	-88	-88	90	110	
2016/17-6	000NONPJ	matrix spike, RPD	5/19/2017	Nutrient	Nitrate + Nitrite as N	n/a	=	1	%	EPA 353.2	-88	-88	0	20	
2016/17-6	000NONPJ	matrix spike	5/19/2017	Nutrient	Nitrate + Nitrite as N	n/a	=	4.41	mg/L	EPA 353.2	0.041	0.1			
2016/17-6	000NONPJ	matrix spike, rec	5/19/2017	Nutrient	Nitrate + Nitrite as N	n/a	=	96	%	EPA 353.2	-88	-88	90	110	
2016/17-6	000NONPJ	matrix spike	5/19/2017	Nutrient	Nitrate + Nitrite as N	n/a	=	1.98	mg/L	EPA 353.2	0.041	0.1			
2016/17-6	000NONPJ	matrix spike, rec	5/19/2017	Nutrient	Nitrate + Nitrite as N	n/a	=	91	%	EPA 353.2	-88	-88	90	110	
2016/17-6	000NONPJ	matrix spike dup	5/19/2017	Nutrient	Nitrate + Nitrite as N	n/a	=	2.01	mg/L	EPA 353.2	0.041	0.1			
2016/17-6	000NONPJ	matrix spike dup, rec	5/19/2017	Nutrient	Nitrate + Nitrite as N	n/a	=	92	%	EPA 353.2	-88	-88	90	110	
2016/17-6	000NONPJ	matrix spike, RPD	5/19/2017	Nutrient	Nitrate + Nitrite as N	n/a	=	1	%	EPA 353.2	-88	-88	0	20	
2016/17-6	000NONPJ	matrix spike dup	5/19/2017	Nutrient	Nitrate + Nitrite as N	n/a	=	4.48	mg/L	EPA 353.2	0.041	0.1			
2016/17-6	000NONPJ	matrix spike dup, rec	5/19/2017	Nutrient	Nitrate + Nitrite as N	n/a	=	100	%	EPA 353.2	-88	-88	90	110	
2016/17-6	000NONPJ	matrix spike, RPD	5/19/2017	Nutrient	Nitrate + Nitrite as N	n/a	=	2	%	EPA 353.2	-88	-88	0	20	
2016/17-6	000NONPJ	matrix spike	5/24/2017	Nutrient	Nitrate + Nitrite as N	n/a	=	6	mg/L	EPA 353.2	0.041	0.1			
2016/17-6	000NONPJ	matrix spike, rec	5/24/2017	Nutrient	Nitrate + Nitrite as N	n/a	=	97	%	EPA 353.2	-88	-88	90	110	
2016/17-6	000NONPJ	matrix spike dup	5/24/2017	Nutrient	Nitrate + Nitrite as N	n/a	=	5.95	mg/L	EPA 353.2	0.041	0.1			
2016/17-6	000NONPJ	matrix spike dup, rec	5/24/2017	Nutrient	Nitrate + Nitrite as N	n/a	=	94	%	EPA 353.2	-88	-88	90	110	
2016/17-6	000NONPJ	matrix spike, RPD	5/24/2017	Nutrient	Nitrate + Nitrite as N	n/a	=	0.9	%	EPA 353.2	-88	-88	0	20	
2016/17-6	000NONPJ	matrix spike	5/24/2017	Nutrient	Nitrate + Nitrite as N	n/a	=	5.77	mg/L	EPA 353.2	0.041	0.1			
2016/17-6	000NONPJ	matrix spike, rec	5/24/2017	Nutrient	Nitrate + Nitrite as N	n/a	=	91	%	EPA 353.2	-88	-88	90	110	
2016/17-6	000NONPJ	matrix spike dup	5/24/2017	Nutrient	Nitrate + Nitrite as N	n/a	=	5.79	mg/L	EPA 353.2	0.041	0.1			
2016/17-6	000NONPJ	matrix spike dup, rec	5/24/2017	Nutrient	Nitrate + Nitrite as N	n/a	=	93	%	EPA 353.2	-88	-88	90	110	
2016/17-6	000NONPJ	matrix spike, RPD	5/24/2017	Nutrient	Nitrate + Nitrite as N	n/a	=	0.4	%	EPA 353.2	-88	-88	0	20	
2016/17-6	Lab	LCS	5/5/2017	Nutrient	Nitrate + Nitrite as N	n/a	=	1.02	mg/L	EPA 353.2	0.041	0.1			
2016/17-6	Lab	LCS, rec	5/5/2017	Nutrient	Nitrate + Nitrite as N	n/a	=	102	%	EPA 353.2	-88	-88	90	110	
2016/17-6	Lab	method blank	5/5/2017	Nutrient	Nitrate + Nitrite as N	n/a	<	0.041	mg/L	EPA 353.2	0.041	0.1			
2016/17-6	Lab	method blank	5/16/2017	Nutrient	Nitrate + Nitrite as N	n/a	<	0.041	mg/L	EPA 353.2	0.041	0.1			
2016/17-6	Lab	LCS	5/16/2017	Nutrient	Nitrate + Nitrite as N	n/a	=	1.02	mg/L	EPA 353.2	0.041	0.1			
2016/17-6	Lab	LCS, rec	5/16/2017	Nutrient	Nitrate + Nitrite as N	n/a	=	102	%	EPA 353.2	-88	-88	90	110	
2016/17-6	Lab	method blank	5/19/2017	Nutrient	Nitrate + Nitrite as N	n/a	<	0.041	mg/L	EPA 353.2	0.041	0.1			
2016/17-6	Lab	LCS	5/19/2017	Nutrient	Nitrate + Nitrite as N	n/a	=	0.997	mg/L	EPA 353.2	0.041	0.1			
2016/17-6	Lab	LCS, rec	5/19/2017	Nutrient	Nitrate + Nitrite as N	n/a	=	100	%	EPA 353.2	-88	-88	90	110	
2016/17-6	Lab	method blank	5/19/2017	Nutrient	Nitrate + Nitrite as N	n/a	<	0.041	mg/L	EPA 353.2	0.041	0.1			
2016/17-6	Lab	LCS	5/19/2017	Nutrient	Nitrate + Nitrite as N	n/a	=	0.979	mg/L	EPA 353.2	0.041	0.1			
2016/17-6	Lab	LCS, rec	5/19/2017	Nutrient	Nitrate + Nitrite as N	n/a	=	98	%	EPA 353.2	-88	-88	90	110	
2016/17-6	Lab	method blank	5/24/2017	Nutrient	Nitrate + Nitrite as N	n/a	<	0.041	mg/L	EPA 353.2	0.041	0.1			
2016/17-6	Lab	LCS	5/24/2017	Nutrient	Nitrate + Nitrite as N	n/a	=	0.993	mg/L	EPA 353.2	0.041	0.1			
2016/17-6	Lab	LCS, rec	5/24/2017	Nutrient	Nitrate + Nitrite as N	n/a	=	99	%	EPA 353.2	-88	-88	90	110	
2016/17-6	000NONPJ	matrix spike	5/19/2017	Nutrient	Nitrate as N	n/a	=	4.41	mg/L	EPA 353.2	0.041	0.1			
2016/17-6	000NONPJ	matrix spike, rec	5/19/2017	Nutrient	Nitrate as N	n/a	=	96	%	EPA 353.2	-88	-88	90	110	
2016/17-6	000NONPJ	matrix spike	5/19/2017	Nutrient	Nitrate as N	n/a	=	1.98	mg/L	EPA 353.2	0.041	0.1			
2016/17-6	000NONPJ	matrix spike, rec	5/19/2017	Nutrient	Nitrate as N	n/a	=	91	%	EPA 353.2	-88	-88	90	110	
2016/17-6	000NONPJ	matrix spike dup	5/19/2017	Nutrient	Nitrate as N	n/a	=	2.01	mg/L	EPA 353.2	0.041	0.1			
2016/17-6	000NONPJ	matrix spike dup, rec	5/19/2017	Nutrient	Nitrate as N	n/a	=	92	%	EPA 353.2	-88	-88	90	110	
2016/17-6	000NONPJ	matrix spike, RPD	5/19/2017	Nutrient	Nitrate as N	n/a	=	1	%	EPA 353.2	-88	-88	0	20	
2016/17-6	000NONPJ	matrix spike dup	5/19/2017	Nutrient	Nitrate as N	n/a	=	4.48	mg/L	EPA 353.2	0.041	0.1			
2016/17-6	000NONPJ	matrix spike dup, rec	5/19/2017	Nutrient	Nitrate as N	n/a	=	100	%	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	
2016/17-6	000NONPJ	matrix spike, RPD	5/19/2017	Nutrient	Nitrate as N	n/a	=	2	%	EPA 353.2	-88	-88	0	20	
2016/17-6	Lab	method blank	5/19/2017	Nutrient	Nitrate as N	n/a	<	0.041	mg/L	EPA 353.2	0.041	0.1			
2016/17-6	Lab	LCS	5/19/2017	Nutrient	Nitrate as N	n/a	=	0.979	mg/L	EPA 353.2	0.041	0.1			
2016/17-6	Lab	LCS, rec	5/19/2017	Nutrient	Nitrate as N	n/a	=	98	%	EPA 353.2	-88	-88	90	110	
2016/17-6	000NONPJ	lab duplicate	5/15/2017	Nutrient	Phosphorus as P	Dissolved	=	0.346	mg/L	EPA 365.1	0.0028	0.02		20	
2016/17-6	000NONPJ	matrix spike	5/15/2017	Nutrient	Phosphorus as P	Dissolved	=	0.448	mg/L	EPA 365.1	0.0056	0.04			
2016/17-6	000NONPJ	matrix spike, rec	5/15/2017	Nutrient	Phosphorus as P	Dissolved	=	92	%	EPA 365.1	-88	-88	90	110	
2016/17-6	000NONPJ	matrix spike dup	5/15/2017	Nutrient	Phosphorus as P	Dissolved	=	0.452	mg/L	EPA 365.1	0.0056	0.04			
2016/17-6	000NONPJ	matrix spike dup, rec	5/15/2017	Nutrient	Phosphorus as P	Dissolved	=	96	%	EPA 365.1	-88	-88	90	110	
2016/17-6	000NONPJ	matrix spike, RPD	5/15/2017	Nutrient	Phosphorus as P	Dissolved	=	0.9	%	EPA 365.1	-88	-88	0	20	
2016/17-6	Lab	method blank	5/10/2017	Nutrient	Phosphorus as P	Dissolved	<	0.0014	mg/L	EPA 365.1	0.0014	0.01			
2016/17-6	Lab	LCS	5/10/2017	Nutrient	Phosphorus as P	Dissolved	=	0.0495	mg/L	EPA 365.1	0.0014	0.01			
2016/17-6	Lab	LCS, rec	5/10/2017	Nutrient	Phosphorus as P	Dissolved	=	99	%	EPA 365.1	-88	-88	90	110	
2016/17-6	Lab	method blank	5/15/2017	Nutrient	Phosphorus as P	Dissolved	<	0.0014	mg/L	EPA 365.1	0.0014	0.01			
2016/17-6	Lab	LCS	5/15/2017	Nutrient	Phosphorus as P	Dissolved	=	0.0513	mg/L	EPA 365.1	0.0014	0.01			
2016/17-6	Lab	LCS, rec	5/15/2017	Nutrient	Phosphorus as P	Dissolved	=	103	%	EPA 365.1	-88	-88	90	110	
2016/17-6	Lab	method blank	5/26/2017	Nutrient	Phosphorus as P	Dissolved	<	0.0014	mg/L	EPA 365.1	0.0014	0.01			
2016/17-6	Lab	LCS	5/26/2017	Nutrient	Phosphorus as P	Dissolved	=	0.0531	mg/L	EPA 365.1	0.0014	0.01			
2016/17-6	Lab	LCS, rec	5/26/2017	Nutrient	Phosphorus as P	Dissolved	=	106	%	EPA 365.1	-88	-88	90	110	
2016/17-6	Lab	method blank	6/1/2017	Nutrient	Phosphorus as P	Dissolved	<	0.0014	mg/L	EPA 365.1	0.0014	0.01			
2016/17-6	Lab	LCS	6/1/2017	Nutrient	Phosphorus as P	Dissolved	=	0.0508	mg/L	EPA 365.1	0.0014	0.01			
2016/17-6	Lab	LCS, rec	6/1/2017	Nutrient	Phosphorus as P	Dissolved	=	102	%	EPA 365.1	-88	-88	90	110	
2016/17-6	ME-SCR	matrix spike	5/10/2017	Nutrient	Phosphorus as P	Dissolved	=	0.0562	mg/L	EPA 365.1	0.0014	0.01			
2016/17-6	ME-SCR	matrix spike, rec	5/10/2017	Nutrient	Phosphorus as P	Dissolved	=	103	%	EPA 365.1	-88	-88	90	110	
2016/17-6	ME-SCR	matrix spike dup	5/10/2017	Nutrient	Phosphorus as P	Dissolved	=	0.0561	mg/L	EPA 365.1	0.0014	0.01			
2016/17-6	ME-SCR	matrix spike dup, rec	5/10/2017	Nutrient	Phosphorus as P	Dissolved	=	103	%	EPA 365.1	-88	-88	90	110	
2016/17-6	ME-SCR	matrix spike, RPD	5/10/2017	Nutrient	Phosphorus as P	Dissolved	=	0.2	%	EPA 365.1	-88	-88	0	20	
2016/17-6	ME-VR2	matrix spike	6/1/2017	Nutrient	Phosphorus as P	Dissolved	=	0.0586	mg/L	EPA 365.1	0.0014	0.01			
2016/17-6	ME-VR2	matrix spike, rec	6/1/2017	Nutrient	Phosphorus as P	Dissolved	=	105	%	EPA 365.1	-88	-88	90	110	
2016/17-6	ME-VR2	matrix spike dup	6/1/2017	Nutrient	Phosphorus as P	Dissolved	=	0.0581	mg/L	EPA 365.1	0.0014	0.01			
2016/17-6	ME-VR2	matrix spike dup, rec	6/1/2017	Nutrient	Phosphorus as P	Dissolved	=	104	%	EPA 365.1	-88	-88	90	110	
2016/17-6	ME-VR2	matrix spike, RPD	6/1/2017	Nutrient	Phosphorus as P	Dissolved	=	0.9	%	EPA 365.1	-88	-88	0	20	
2016/17-6	MO-THO	matrix spike	5/26/2017	Nutrient	Phosphorus as P	Dissolved	=	0.0631	mg/L	EPA 365.1	0.0014	0.01			
2016/17-6	MO-THO	matrix spike, rec	5/26/2017	Nutrient	Phosphorus as P	Dissolved	=	108	%	EPA 365.1	-88	-88	90	110	
2016/17-6	MO-THO	matrix spike dup	5/26/2017	Nutrient	Phosphorus as P	Dissolved	=	0.0632	mg/L	EPA 365.1	0.0014	0.01			
2016/17-6	MO-THO	matrix spike dup, rec	5/26/2017	Nutrient	Phosphorus as P	Dissolved	=	108	%	EPA 365.1	-88	-88	90	110	
2016/17-6	MO-THO	matrix spike, RPD	5/26/2017	Nutrient	Phosphorus as P	Dissolved	=	0.2	%	EPA 365.1	-88	-88	0	20	
2016/17-6	000NONPJ	matrix spike	5/10/2017	Nutrient	Phosphorus as P	Total	=	0.093	mg/L	EPA 365.1	0.0014	0.01			
2016/17-6	000NONPJ	matrix spike, rec	5/10/2017	Nutrient	Phosphorus as P	Total	=	107	%	EPA 365.1	-88	-88	90	110	
2016/17-6	000NONPJ	matrix spike dup	5/10/2017	Nutrient	Phosphorus as P	Total	=	0.0939	mg/L	EPA 365.1	0.0014	0.01			
2016/17-6	000NONPJ	matrix spike dup, rec	5/10/2017	Nutrient	Phosphorus as P	Total	=	108	%	EPA 365.1	-88	-88	90	110	
2016/17-6	000NONPJ	matrix spike, RPD	5/10/2017	Nutrient	Phosphorus as P	Total	=	1	%	EPA 365.1	-88	-88	0	20	
2016/17-6	000NONPJ	matrix spike	5/15/2017	Nutrient	Phosphorus as P	Total	=	0.588	mg/L	EPA 365.1	0.0056	0.04			
2016/17-6	000NONPJ	matrix spike, rec	5/15/2017	Nutrient	Phosphorus as P	Total	=	100	%	EPA 365.1	-88	-88	90	110	
2016/17-6	000NONPJ	matrix spike dup	5/15/2017	Nutrient	Phosphorus as P	Total	=	0.584	mg/L	EPA 365.1	0.0056	0.04			
2016/17-6	000NONPJ	matrix spike dup, rec	5/15/2017	Nutrient	Phosphorus as P	Total	=	96	%	EPA 365.1	-88	-88	90	110	
2016/17-6	000NONPJ	matrix spike, RPD	5/15/2017	Nutrient	Phosphorus as P	Total	=	0.7	%	EPA 365.1	-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	
2016/17-6	000NONPJ	lab duplicate	5/15/2017	Nutrient	Phosphorus as P	Total	=	0.484	mg/L	EPA 365.1	0.0056	0.04		20	
2016/17-6	Lab	method blank	5/10/2017	Nutrient	Phosphorus as P	Total	<	0.0014	mg/L	EPA 365.1	0.0014	0.01			
2016/17-6	Lab	LCS	5/10/2017	Nutrient	Phosphorus as P	Total	=	0.0503	mg/L	EPA 365.1	0.0014	0.01			
2016/17-6	Lab	LCS, rec	5/10/2017	Nutrient	Phosphorus as P	Total	=	101	%	EPA 365.1	-88	-88	90	110	
2016/17-6	Lab	method blank	5/15/2017	Nutrient	Phosphorus as P	Total	<	0.0014	mg/L	EPA 365.1	0.0014	0.01			
2016/17-6	Lab	LCS	5/15/2017	Nutrient	Phosphorus as P	Total	=	0.0493	mg/L	EPA 365.1	0.0014	0.01			
2016/17-6	Lab	LCS, rec	5/15/2017	Nutrient	Phosphorus as P	Total	=	99	%	EPA 365.1	-88	-88	90	110	
2016/17-6	Lab	method blank	5/26/2017	Nutrient	Phosphorus as P	Total	<	0.0014	mg/L	EPA 365.1	0.0014	0.01			
2016/17-6	Lab	LCS	5/26/2017	Nutrient	Phosphorus as P	Total	=	0.0529	mg/L	EPA 365.1	0.0014	0.01			
2016/17-6	Lab	LCS, rec	5/26/2017	Nutrient	Phosphorus as P	Total	=	106	%	EPA 365.1	-88	-88	90	110	
2016/17-6	Lab	method blank	6/1/2017	Nutrient	Phosphorus as P	Total	<	0.0014	mg/L	EPA 365.1	0.0014	0.01			
2016/17-6	Lab	LCS	6/1/2017	Nutrient	Phosphorus as P	Total	=	0.0502	mg/L	EPA 365.1	0.0014	0.01			
2016/17-6	Lab	LCS, rec	6/1/2017	Nutrient	Phosphorus as P	Total	=	100	%	EPA 365.1	-88	-88	90	110	
2016/17-6	ME-VR2	matrix spike	6/1/2017	Nutrient	Phosphorus as P	Total	=	0.0633	mg/L	EPA 365.1	0.0014	0.01			
2016/17-6	ME-VR2	matrix spike, rec	6/1/2017	Nutrient	Phosphorus as P	Total	=	105	%	EPA 365.1	-88	-88	90	110	
2016/17-6	ME-VR2	matrix spike dup	6/1/2017	Nutrient	Phosphorus as P	Total	=	0.0629	mg/L	EPA 365.1	0.0014	0.01			
2016/17-6	ME-VR2	matrix spike dup, rec	6/1/2017	Nutrient	Phosphorus as P	Total	=	105	%	EPA 365.1	-88	-88	90	110	
2016/17-6	ME-VR2	matrix spike, RPD	6/1/2017	Nutrient	Phosphorus as P	Total	=	0.6	%	EPA 365.1	-88	-88	0	20	
2016/17-6	MO-SIM	matrix spike	5/26/2017	Nutrient	Phosphorus as P	Total	=	0.0595	mg/L	EPA 365.1	0.0014	0.01			
2016/17-6	MO-SIM	matrix spike, rec	5/26/2017	Nutrient	Phosphorus as P	Total	=	104	%	EPA 365.1	-88	-88	90	110	
2016/17-6	MO-SIM	matrix spike dup	5/26/2017	Nutrient	Phosphorus as P	Total	=	0.0612	mg/L	EPA 365.1	0.0014	0.01			
2016/17-6	MO-SIM	matrix spike dup, rec	5/26/2017	Nutrient	Phosphorus as P	Total	=	107	%	EPA 365.1	-88	-88	90	110	
2016/17-6	MO-SIM	matrix spike, RPD	5/26/2017	Nutrient	Phosphorus as P	Total	=	3	%	EPA 365.1	-88	-88	0	20	
2016/17-6	MO-THO	matrix spike	5/26/2017	Nutrient	Phosphorus as P	Total	=	0.0673	mg/L	EPA 365.1	0.0014	0.01			
2016/17-6	MO-THO	matrix spike, rec	5/26/2017	Nutrient	Phosphorus as P	Total	=	108	%	EPA 365.1	-88	-88	90	110	
2016/17-6	MO-THO	matrix spike dup	5/26/2017	Nutrient	Phosphorus as P	Total	=	0.0675	mg/L	EPA 365.1	0.0014	0.01			
2016/17-6	MO-THO	matrix spike dup, rec	5/26/2017	Nutrient	Phosphorus as P	Total	=	108	%	EPA 365.1	-88	-88	90	110	
2016/17-6	MO-THO	matrix spike, RPD	5/26/2017	Nutrient	Phosphorus as P	Total	=	0.3	%	EPA 365.1	-88	-88	0	20	
2016/17-6	000NONPJ	lab duplicate	5/15/2017	Nutrient	TKN	n/a	=	0.308	mg/L	EPA 351.2	0.05	0.1		10	
2016/17-6	000NONPJ	matrix spike	5/15/2017	Nutrient	TKN	n/a	=	1.34	mg/L	EPA 351.2	0.05	0.1			
2016/17-6	000NONPJ	matrix spike	5/15/2017	Nutrient	TKN	n/a	=	1.2	mg/L	EPA 351.2	0.05	0.1			GB
2016/17-6	000NONPJ	matrix spike dup	5/15/2017	Nutrient	TKN	n/a	=	1.87	mg/L	EPA 351.2	0.05	0.1			GB
2016/17-6	000NONPJ	matrix spike dup	5/15/2017	Nutrient	TKN	n/a	=	1.4	mg/L	EPA 351.2	0.05	0.1			
2016/17-6	000NONPJ	matrix spike dup, rec	5/15/2017	Nutrient	TKN	n/a	=	153	%	EPA 351.2	-88	-88	90	110	GB
2016/17-6	000NONPJ	matrix spike dup, rec	5/15/2017	Nutrient	TKN	n/a	=	106	%	EPA 351.2	-88	-88	90	110	
2016/17-6	000NONPJ	matrix spike, rec	5/15/2017	Nutrient	TKN	n/a	=	100	%	EPA 351.2	-88	-88	90	110	
2016/17-6	000NONPJ	matrix spike, rec	5/15/2017	Nutrient	TKN	n/a	=	86	%	EPA 351.2	-88	-88	90	110	GB
2016/17-6	000NONPJ	matrix spike, RPD	5/15/2017	Nutrient	TKN	n/a	=	5	%	EPA 351.2	-88	-88	0	10	
2016/17-6	000NONPJ	matrix spike, RPD	5/15/2017	Nutrient	TKN	n/a	=	44	%	EPA 351.2	-88	-88	0	10	IL
2016/17-6	000NONPJ	matrix spike	5/26/2017	Nutrient	TKN	n/a	=	1.34	mg/L	EPA 351.2	0.05	0.1			
2016/17-6	000NONPJ	matrix spike	5/26/2017	Nutrient	TKN	n/a	=	1.35	mg/L	EPA 351.2	0.05	0.1			
2016/17-6	000NONPJ	matrix spike dup	5/26/2017	Nutrient	TKN	n/a	=	1.35	mg/L	EPA 351.2	0.05	0.1			
2016/17-6	000NONPJ	matrix spike dup	5/26/2017	Nutrient	TKN	n/a	=	1.38	mg/L	EPA 351.2	0.05	0.1			
2016/17-6	000NONPJ	matrix spike dup, rec	5/26/2017	Nutrient	TKN	n/a	=	105	%	EPA 351.2	-88	-88	90	110	
2016/17-6	000NONPJ	matrix spike dup, rec	5/26/2017	Nutrient	TKN	n/a	=	108	%	EPA 351.2	-88	-88	90	110	
2016/17-6	000NONPJ	matrix spike, rec	5/26/2017	Nutrient	TKN	n/a	=	105	%	EPA 351.2	-88	-88	90	110	
2016/17-6	000NONPJ	matrix spike, rec	5/26/2017	Nutrient	TKN	n/a	=	104	%	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	
2016/17-6	000NONPJ	matrix spike, RPD	5/26/2017	Nutrient	TKN	n/a	=	3	%	EPA 351.2	-88	-88	0	10	
2016/17-6	000NONPJ	matrix spike, RPD	5/26/2017	Nutrient	TKN	n/a	=	0.04	%	EPA 351.2	-88	-88	0	10	
2016/17-6	Lab	LCS	5/15/2017	Nutrient	TKN	n/a	=	1.02	mg/L	EPA 351.2	0.05	0.1			
2016/17-6	Lab	LCS	5/15/2017	Nutrient	TKN	n/a	=	1.01	mg/L	EPA 351.2	0.05	0.1			
2016/17-6	Lab	LCS, rec	5/15/2017	Nutrient	TKN	n/a	=	101	%	EPA 351.2	-88	-88	90	110	
2016/17-6	Lab	LCS, rec	5/15/2017	Nutrient	TKN	n/a	=	102	%	EPA 351.2	-88	-88	90	110	
2016/17-6	Lab	method blank	5/15/2017	Nutrient	TKN	n/a	<	0.05	mg/L	EPA 351.2	0.05	0.1			
2016/17-6	Lab	method blank	5/15/2017	Nutrient	TKN	n/a	<	0.05	mg/L	EPA 351.2	0.05	0.1			
2016/17-6	Lab	LCS	5/26/2017	Nutrient	TKN	n/a	=	0.978	mg/L	EPA 351.2	0.05	0.1			
2016/17-6	Lab	LCS	5/26/2017	Nutrient	TKN	n/a	=	0.988	mg/L	EPA 351.2	0.05	0.1			
2016/17-6	Lab	LCS, rec	5/26/2017	Nutrient	TKN	n/a	=	99	%	EPA 351.2	-88	-88	90	110	
2016/17-6	Lab	LCS, rec	5/26/2017	Nutrient	TKN	n/a	=	98	%	EPA 351.2	-88	-88	90	110	
2016/17-6	Lab	method blank	5/26/2017	Nutrient	TKN	n/a	<	0.05	mg/L	EPA 351.2	0.05	0.1			
2016/17-6	Lab	method blank	5/26/2017	Nutrient	TKN	n/a	<	0.05	mg/L	EPA 351.2	0.05	0.1			
2016/17-6	Lab	method blank	5/13/2017	Organic	1,2,4-Trichlorobenzene	n/a	<	0.55	µg/L	EPA 625	0.55	1			
2016/17-6	Lab	LCS	5/13/2017	Organic	1,2,4-Trichlorobenzene	n/a	=	18.1	µg/L	EPA 625	0.55	1			
2016/17-6	Lab	LCS, rec	5/13/2017	Organic	1,2,4-Trichlorobenzene	n/a	=	72	%	EPA 625	-88	-88	44	142	
2016/17-6	Lab	LCS dup	5/13/2017	Organic	1,2,4-Trichlorobenzene	n/a	=	16.7	µg/L	EPA 625	0.55	1			
2016/17-6	Lab	LCS dup, rec	5/13/2017	Organic	1,2,4-Trichlorobenzene	n/a	=	67	%	EPA 625	-88	-88	44	142	
2016/17-6	Lab	LCS, RPD	5/13/2017	Organic	1,2,4-Trichlorobenzene	n/a	=	8	%	EPA 625	-88	-88	0	30	
2016/17-6	Lab	method blank	5/26/2017	Organic	1,2,4-Trichlorobenzene	n/a	<	0.52	µg/L	EPA 625	0.52	1			
2016/17-6	Lab	LCS	5/26/2017	Organic	1,2,4-Trichlorobenzene	n/a	=	20.2	µg/L	EPA 625	0.52	1			
2016/17-6	Lab	LCS, rec	5/26/2017	Organic	1,2,4-Trichlorobenzene	n/a	=	81	%	EPA 625	-88	-88	44	142	
2016/17-6	Lab	LCS dup	5/26/2017	Organic	1,2,4-Trichlorobenzene	n/a	=	18	µg/L	EPA 625	0.52	1			
2016/17-6	Lab	LCS dup, rec	5/26/2017	Organic	1,2,4-Trichlorobenzene	n/a	=	72	%	EPA 625	-88	-88	44	142	
2016/17-6	Lab	LCS, RPD	5/26/2017	Organic	1,2,4-Trichlorobenzene	n/a	=	12	%	EPA 625	-88	-88	0	30	
2016/17-6	Lab	method blank	5/31/2017	Organic	1,2,4-Trichlorobenzene	n/a	<	0.52	µg/L	EPA 625	0.52	1			
2016/17-6	Lab	LCS	5/31/2017	Organic	1,2,4-Trichlorobenzene	n/a	=	16.7	µg/L	EPA 625	0.52	1			
2016/17-6	Lab	LCS, rec	5/31/2017	Organic	1,2,4-Trichlorobenzene	n/a	=	67	%	EPA 625	-88	-88	44	142	
2016/17-6	Lab	LCS dup	5/31/2017	Organic	1,2,4-Trichlorobenzene	n/a	=	16.5	µg/L	EPA 625	0.52	1			
2016/17-6	Lab	LCS dup, rec	5/31/2017	Organic	1,2,4-Trichlorobenzene	n/a	=	66	%	EPA 625	-88	-88	44	142	
2016/17-6	Lab	LCS, RPD	5/31/2017	Organic	1,2,4-Trichlorobenzene	n/a	=	1	%	EPA 625	-88	-88	0	30	
2016/17-6	Lab	method blank	5/13/2017	Organic	1,2-Dichlorobenzene	n/a	<	0.57	µg/L	EPA 625	0.57	1			
2016/17-6	Lab	LCS	5/13/2017	Organic	1,2-Dichlorobenzene	n/a	=	17.2	µg/L	EPA 625	0.57	1			
2016/17-6	Lab	LCS, rec	5/13/2017	Organic	1,2-Dichlorobenzene	n/a	=	69	%	EPA 625	-88	-88	32	129	
2016/17-6	Lab	LCS dup	5/13/2017	Organic	1,2-Dichlorobenzene	n/a	=	15.8	µg/L	EPA 625	0.57	1			
2016/17-6	Lab	LCS dup, rec	5/13/2017	Organic	1,2-Dichlorobenzene	n/a	=	63	%	EPA 625	-88	-88	32	129	
2016/17-6	Lab	LCS, RPD	5/13/2017	Organic	1,2-Dichlorobenzene	n/a	=	8	%	EPA 625	-88	-88	0	30	
2016/17-6	Lab	method blank	5/26/2017	Organic	1,2-Dichlorobenzene	n/a	<	0.53	µg/L	EPA 625	0.53	1			
2016/17-6	Lab	LCS	5/26/2017	Organic	1,2-Dichlorobenzene	n/a	=	19.1	µg/L	EPA 625	0.53	1			
2016/17-6	Lab	LCS, rec	5/26/2017	Organic	1,2-Dichlorobenzene	n/a	=	77	%	EPA 625	-88	-88	32	129	
2016/17-6	Lab	LCS dup	5/26/2017	Organic	1,2-Dichlorobenzene	n/a	=	16.8	µg/L	EPA 625	0.53	1			
2016/17-6	Lab	LCS dup, rec	5/26/2017	Organic	1,2-Dichlorobenzene	n/a	=	67	%	EPA 625	-88	-88	32	129	
2016/17-6	Lab	LCS, RPD	5/26/2017	Organic	1,2-Dichlorobenzene	n/a	=	13	%	EPA 625	-88	-88	0	30	
2016/17-6	Lab	method blank	5/31/2017	Organic	1,2-Dichlorobenzene	n/a	<	0.53	µg/L	EPA 625	0.53	1			
2016/17-6	Lab	LCS	5/31/2017	Organic	1,2-Dichlorobenzene	n/a	=	16.1	µg/L	EPA 625	0.53	1			
2016/17-6	Lab	LCS, rec	5/31/2017	Organic	1,2-Dichlorobenzene	n/a	=	64	%	EPA 625	-88	-88	32	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	
2016/17-6	Lab	LCS dup	5/31/2017	Organic	1,2-Dichlorobenzene	n/a	=	15.9	µg/L	EPA 625	0.53	1			
2016/17-6	Lab	LCS dup, rec	5/31/2017	Organic	1,2-Dichlorobenzene	n/a	=	63	%	EPA 625	-88	-88	32	129	
2016/17-6	Lab	LCS, RPD	5/31/2017	Organic	1,2-Dichlorobenzene	n/a	=	1	%	EPA 625	-88	-88	0	30	
2016/17-6	Lab	srgt LCS	5/9/2017	Organic	1,2-Dichloroethane-d4	n/a	=	48.2	µg/L	EPA 624	-88	-88			
2016/17-6	Lab	srgt LCS, rec	5/9/2017	Organic	1,2-Dichloroethane-d4	n/a	=	96	%	EPA 624	-88	-88	82	125	
2016/17-6	Lab	srgt LCS dup	5/9/2017	Organic	1,2-Dichloroethane-d4	n/a	=	52.1	µg/L	EPA 624	-88	-88			
2016/17-6	Lab	srgt LCS dup, rec	5/9/2017	Organic	1,2-Dichloroethane-d4	n/a	=	104	%	EPA 624	-88	-88	82	125	
2016/17-6	Lab	srgt method blank	5/9/2017	Organic	1,2-Dichloroethane-d4	n/a	=	50.6	µg/L	EPA 624	-88	-88			
2016/17-6	Lab	srgt method blank, rec	5/9/2017	Organic	1,2-Dichloroethane-d4	n/a	=	101	%	EPA 624	-88	-88	82	125	
2016/17-6	Lab	srgt LCS	5/24/2017	Organic	1,2-Dichloroethane-d4	n/a	=	48.2	µg/L	EPA 624	-88	-88			
2016/17-6	Lab	srgt LCS, rec	5/24/2017	Organic	1,2-Dichloroethane-d4	n/a	=	96	%	EPA 624	-88	-88	82	125	
2016/17-6	Lab	srgt LCS dup	5/24/2017	Organic	1,2-Dichloroethane-d4	n/a	=	48.1	µg/L	EPA 624	-88	-88			
2016/17-6	Lab	srgt LCS dup, rec	5/24/2017	Organic	1,2-Dichloroethane-d4	n/a	=	96	%	EPA 624	-88	-88	82	125	
2016/17-6	Lab	srgt method blank	5/24/2017	Organic	1,2-Dichloroethane-d4	n/a	=	48.1	µg/L	EPA 624	-88	-88			
2016/17-6	Lab	srgt method blank, rec	5/24/2017	Organic	1,2-Dichloroethane-d4	n/a	=	96	%	EPA 624	-88	-88	82	125	
2016/17-6	ME-CC	srgt environ	5/25/2017	Organic	1,2-Dichloroethane-d4	n/a	=	46.2	µg/L	EPA 624	-88	-88			
2016/17-6	ME-CC	srgt environ, rec	5/25/2017	Organic	1,2-Dichloroethane-d4	n/a	=	92	%	EPA 624	-88	-88	82	125	
2016/17-6	ME-CC	srgt matrix spike	5/25/2017	Organic	1,2-Dichloroethane-d4	n/a	=	38.8	µg/L	EPA 624	-88	-88			GN
2016/17-6	ME-CC	srgt matrix spike, rec	5/25/2017	Organic	1,2-Dichloroethane-d4	n/a	=	78	%	EPA 624	-88	-88	82	125	GN
2016/17-6	ME-CC	srgt matrix spike dup	5/25/2017	Organic	1,2-Dichloroethane-d4	n/a	=	40.1	µg/L	EPA 624	-88	-88			GN
2016/17-6	ME-CC	srgt matrix spike dup, rec	5/25/2017	Organic	1,2-Dichloroethane-d4	n/a	=	80	%	EPA 624	-88	-88	82	125	GN
2016/17-6	ME-SCR	srgt environ	5/9/2017	Organic	1,2-Dichloroethane-d4	n/a	=	52.3	µg/L	EPA 624	-88	-88			
2016/17-6	ME-SCR	srgt environ, rec	5/9/2017	Organic	1,2-Dichloroethane-d4	n/a	=	105	%	EPA 624	-88	-88	82	125	
2016/17-6	ME-SCR	srgt matrix spike	5/10/2017	Organic	1,2-Dichloroethane-d4	n/a	=	50	µg/L	EPA 624	-88	-88			
2016/17-6	ME-SCR	srgt matrix spike, rec	5/10/2017	Organic	1,2-Dichloroethane-d4	n/a	=	100	%	EPA 624	-88	-88	82	125	
2016/17-6	ME-SCR	srgt matrix spike dup	5/10/2017	Organic	1,2-Dichloroethane-d4	n/a	=	54.1	µg/L	EPA 624	-88	-88			
2016/17-6	ME-SCR	srgt matrix spike dup, rec	5/10/2017	Organic	1,2-Dichloroethane-d4	n/a	=	108	%	EPA 624	-88	-88	82	125	
2016/17-6	ME-VR2	srgt environ	5/25/2017	Organic	1,2-Dichloroethane-d4	n/a	=	44.3	µg/L	EPA 624	-88	-88			
2016/17-6	ME-VR2	srgt environ, rec	5/25/2017	Organic	1,2-Dichloroethane-d4	n/a	=	89	%	EPA 624	-88	-88	82	125	
2016/17-6	MO-CAM	srgt environ	5/25/2017	Organic	1,2-Dichloroethane-d4	n/a	=	44.3	µg/L	EPA 624	-88	-88			
2016/17-6	MO-CAM	srgt environ, rec	5/25/2017	Organic	1,2-Dichloroethane-d4	n/a	=	89	%	EPA 624	-88	-88	82	125	
2016/17-6	MO-FIL	srgt environ	5/9/2017	Organic	1,2-Dichloroethane-d4	n/a	=	55.4	µg/L	EPA 624	-88	-88			
2016/17-6	MO-FIL	srgt environ, rec	5/9/2017	Organic	1,2-Dichloroethane-d4	n/a	=	111	%	EPA 624	-88	-88	82	125	
2016/17-6	MO-HUE	srgt environ	5/25/2017	Organic	1,2-Dichloroethane-d4	n/a	=	43.8	µg/L	EPA 624	-88	-88			
2016/17-6	MO-HUE	srgt environ, rec	5/25/2017	Organic	1,2-Dichloroethane-d4	n/a	=	88	%	EPA 624	-88	-88	82	125	
2016/17-6	MO-MPK	srgt environ	5/25/2017	Organic	1,2-Dichloroethane-d4	n/a	=	41.4	µg/L	EPA 624	-88	-88			
2016/17-6	MO-MPK	srgt environ, rec	5/25/2017	Organic	1,2-Dichloroethane-d4	n/a	=	83	%	EPA 624	-88	-88	82	125	
2016/17-6	MO-OJA	srgt environ	5/25/2017	Organic	1,2-Dichloroethane-d4	n/a	=	43.4	µg/L	EPA 624	-88	-88			
2016/17-6	MO-OJA	srgt environ, rec	5/25/2017	Organic	1,2-Dichloroethane-d4	n/a	=	87	%	EPA 624	-88	-88	82	125	
2016/17-6	MO-OXN	srgt environ	5/9/2017	Organic	1,2-Dichloroethane-d4	n/a	=	54	µg/L	EPA 624	-88	-88			
2016/17-6	MO-OXN	srgt environ, rec	5/9/2017	Organic	1,2-Dichloroethane-d4	n/a	=	108	%	EPA 624	-88	-88	82	125	
2016/17-6	MO-SIM	srgt environ	5/25/2017	Organic	1,2-Dichloroethane-d4	n/a	=	45.8	µg/L	EPA 624	-88	-88			
2016/17-6	MO-SIM	srgt environ, rec	5/25/2017	Organic	1,2-Dichloroethane-d4	n/a	=	92	%	EPA 624	-88	-88	82	125	
2016/17-6	MO-THO	srgt environ	5/25/2017	Organic	1,2-Dichloroethane-d4	n/a	=	45.6	µg/L	EPA 624	-88	-88			
2016/17-6	MO-THO	srgt environ, rec	5/25/2017	Organic	1,2-Dichloroethane-d4	n/a	=	91	%	EPA 624	-88	-88	82	125	
2016/17-6	MO-VEN	srgt environ	5/9/2017	Organic	1,2-Dichloroethane-d4	n/a	=	57.2	µg/L	EPA 624	-88	-88			
2016/17-6	MO-VEN	srgt environ, rec	5/9/2017	Organic	1,2-Dichloroethane-d4	n/a	=	114	%	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	
2016/17-6	Lab	method blank	5/13/2017	Organic	1,2-Diphenylhydrazine	n/a	<	0.25	µg/L	EPA 625	0.25	1			
2016/17-6	Lab	method blank	5/26/2017	Organic	1,2-Diphenylhydrazine	n/a	<	0.25	µg/L	EPA 625	0.25	1			
2016/17-6	Lab	method blank	5/31/2017	Organic	1,2-Diphenylhydrazine	n/a	<	0.25	µg/L	EPA 625	0.25	1			
2016/17-6	Lab	method blank	5/13/2017	Organic	1,3-Dichlorobenzene	n/a	<	0.53	µg/L	EPA 625	0.53	1			
2016/17-6	Lab	LCS	5/13/2017	Organic	1,3-Dichlorobenzene	n/a	=	17.5	µg/L	EPA 625	0.53	1			
2016/17-6	Lab	LCS, rec	5/13/2017	Organic	1,3-Dichlorobenzene	n/a	=	70	%	EPA 625	-88	-88	0.1	172	
2016/17-6	Lab	LCS dup	5/13/2017	Organic	1,3-Dichlorobenzene	n/a	=	16.3	µg/L	EPA 625	0.53	1			
2016/17-6	Lab	LCS dup, rec	5/13/2017	Organic	1,3-Dichlorobenzene	n/a	=	65	%	EPA 625	-88	-88	0.1	172	
2016/17-6	Lab	LCS, RPD	5/13/2017	Organic	1,3-Dichlorobenzene	n/a	=	7	%	EPA 625	-88	-88	0	30	
2016/17-6	Lab	method blank	5/26/2017	Organic	1,3-Dichlorobenzene	n/a	<	0.53	µg/L	EPA 625	0.53	1			
2016/17-6	Lab	LCS	5/26/2017	Organic	1,3-Dichlorobenzene	n/a	=	19.6	µg/L	EPA 625	0.53	1			
2016/17-6	Lab	LCS, rec	5/26/2017	Organic	1,3-Dichlorobenzene	n/a	=	78	%	EPA 625	-88	-88	0.1	172	
2016/17-6	Lab	LCS dup	5/26/2017	Organic	1,3-Dichlorobenzene	n/a	=	17.2	µg/L	EPA 625	0.53	1			
2016/17-6	Lab	LCS dup, rec	5/26/2017	Organic	1,3-Dichlorobenzene	n/a	=	69	%	EPA 625	-88	-88	0.1	172	
2016/17-6	Lab	LCS, RPD	5/26/2017	Organic	1,3-Dichlorobenzene	n/a	=	13	%	EPA 625	-88	-88	0	30	
2016/17-6	Lab	method blank	5/31/2017	Organic	1,3-Dichlorobenzene	n/a	<	0.53	µg/L	EPA 625	0.53	1			
2016/17-6	Lab	LCS	5/31/2017	Organic	1,3-Dichlorobenzene	n/a	=	16.8	µg/L	EPA 625	0.53	1			
2016/17-6	Lab	LCS, rec	5/31/2017	Organic	1,3-Dichlorobenzene	n/a	=	67	%	EPA 625	-88	-88	0.1	172	
2016/17-6	Lab	LCS dup	5/31/2017	Organic	1,3-Dichlorobenzene	n/a	=	16.5	µg/L	EPA 625	0.53	1			
2016/17-6	Lab	LCS dup, rec	5/31/2017	Organic	1,3-Dichlorobenzene	n/a	=	66	%	EPA 625	-88	-88	0.1	172	
2016/17-6	Lab	LCS, RPD	5/31/2017	Organic	1,3-Dichlorobenzene	n/a	=	2	%	EPA 625	-88	-88	0	30	
2016/17-6	000NONPJ	srgt matrix spike	5/16/2017	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	0.74	µg/L	EPA 525.2m	-88	-88			GN
2016/17-6	000NONPJ	srgt matrix spike, rec	5/16/2017	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	148	%	EPA 525.2m	-88	-88	76	128	GN
2016/17-6	000NONPJ	srgt matrix spike dup	5/16/2017	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	0.924	µg/L	EPA 525.2m	-88	-88			EST,GN
2016/17-6	000NONPJ	srgt matrix spike dup, rec	5/16/2017	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	185	%	EPA 525.2m	-88	-88	76	128	EST,GN
2016/17-6	000NONPJ	srgt matrix spike	5/24/2017	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	0.495	µg/L	EPA 525.2m	-88	-88			
2016/17-6	000NONPJ	srgt matrix spike, rec	5/24/2017	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	99	%	EPA 525.2m	-88	-88	76	128	
2016/17-6	000NONPJ	srgt matrix spike dup	5/24/2017	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	0.482	µg/L	EPA 525.2m	-88	-88			
2016/17-6	000NONPJ	srgt matrix spike dup, rec	5/24/2017	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	96	%	EPA 525.2m	-88	-88	76	128	
2016/17-6	000NONPJ	srgt matrix spike	5/25/2017	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	0.452	µg/L	EPA 525.2m	-88	-88			
2016/17-6	000NONPJ	srgt matrix spike, rec	5/25/2017	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	90	%	EPA 525.2m	-88	-88	76	128	
2016/17-6	000NONPJ	srgt matrix spike dup	5/25/2017	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	0.485	µg/L	EPA 525.2m	-88	-88			
2016/17-6	000NONPJ	srgt matrix spike dup, rec	5/25/2017	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	97	%	EPA 525.2m	-88	-88	76	128	
2016/17-6	Lab	srgt method blank	5/5/2017	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	4.95	µg/L	EPA 525.2	-88	-88			
2016/17-6	Lab	srgt method blank, rec	5/5/2017	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	99	%	EPA 525.2	-88	-88	70	130	
2016/17-6	Lab	srgt LCS	5/5/2017	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	4.76	µg/L	EPA 525.2	-88	-88			
2016/17-6	Lab	srgt LCS, rec	5/5/2017	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	95	%	EPA 525.2	-88	-88	70	130	
2016/17-6	Lab	srgt LCS dup	5/5/2017	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	4.97	µg/L	EPA 525.2	-88	-88			
2016/17-6	Lab	srgt LCS dup, rec	5/5/2017	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	99	%	EPA 525.2	-88	-88	70	130	
2016/17-6	Lab	srgt method blank	5/10/2017	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	4.94	µg/L	EPA 525.2	-88	-88			
2016/17-6	Lab	srgt method blank, rec	5/10/2017	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	99	%	EPA 525.2	-88	-88	70	130	
2016/17-6	Lab	srgt LCS	5/10/2017	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	5.7	µg/L	EPA 525.2	-88	-88			
2016/17-6	Lab	srgt LCS, rec	5/10/2017	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	114	%	EPA 525.2	-88	-88	70	130	
2016/17-6	Lab	srgt LCS dup	5/10/2017	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	5.41	µg/L	EPA 525.2	-88	-88			
2016/17-6	Lab	srgt LCS dup, rec	5/10/2017	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	108	%	EPA 525.2	-88	-88	70	130	
2016/17-6	Lab	srgt method blank	5/16/2017	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	0.445	µg/L	EPA 525.2m	-88	-88			
2016/17-6	Lab	srgt method blank, rec	5/16/2017	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	89	%	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	
2016/17-6	Lab	srgt LCS	5/16/2017	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	0.484	µg/L	EPA 525.2m	-88	-88			
2016/17-6	Lab	srgt LCS, rec	5/16/2017	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	97	%	EPA 525.2m	-88	-88	76	128	
2016/17-6	Lab	srgt method blank	5/24/2017	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	0.466	µg/L	EPA 525.2m	-88	-88			
2016/17-6	Lab	srgt method blank, rec	5/24/2017	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	93	%	EPA 525.2m	-88	-88	76	128	
2016/17-6	Lab	srgt LCS	5/24/2017	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	0.487	µg/L	EPA 525.2m	-88	-88			
2016/17-6	Lab	srgt LCS, rec	5/24/2017	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	97	%	EPA 525.2m	-88	-88	76	128	
2016/17-6	Lab	srgt method blank	5/24/2017	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	5.06	µg/L	EPA 525.2	-88	-88			
2016/17-6	Lab	srgt method blank, rec	5/24/2017	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	101	%	EPA 525.2	-88	-88	70	130	
2016/17-6	Lab	srgt LCS	5/24/2017	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	4.92	µg/L	EPA 525.2	-88	-88			
2016/17-6	Lab	srgt LCS, rec	5/24/2017	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	98	%	EPA 525.2	-88	-88	70	130	
2016/17-6	Lab	srgt LCS dup	5/24/2017	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	5.07	µg/L	EPA 525.2	-88	-88			
2016/17-6	Lab	srgt LCS dup, rec	5/24/2017	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	101	%	EPA 525.2	-88	-88	70	130	
2016/17-6	Lab	srgt method blank	5/25/2017	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	5.01	µg/L	EPA 525.2	-88	-88			
2016/17-6	Lab	srgt method blank, rec	5/25/2017	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	100	%	EPA 525.2	-88	-88	70	130	
2016/17-6	Lab	srgt LCS	5/25/2017	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	4.82	µg/L	EPA 525.2	-88	-88			
2016/17-6	Lab	srgt LCS, rec	5/25/2017	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	96	%	EPA 525.2	-88	-88	70	130	
2016/17-6	Lab	srgt LCS dup	5/25/2017	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	5.03	µg/L	EPA 525.2	-88	-88			
2016/17-6	Lab	srgt LCS dup, rec	5/25/2017	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	101	%	EPA 525.2	-88	-88	70	130	
2016/17-6	Lab	srgt method blank	5/25/2017	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	0.505	µg/L	EPA 525.2m	-88	-88			
2016/17-6	Lab	srgt method blank, rec	5/25/2017	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	101	%	EPA 525.2m	-88	-88	76	128	
2016/17-6	Lab	srgt LCS	5/25/2017	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	0.462	µg/L	EPA 525.2m	-88	-88			
2016/17-6	Lab	srgt LCS, rec	5/25/2017	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	92	%	EPA 525.2m	-88	-88	76	128	
2016/17-6	Lab	srgt method blank	6/15/2017	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	4.87	µg/L	EPA 525.2	-88	-88			
2016/17-6	Lab	srgt method blank, rec	6/15/2017	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	97	%	EPA 525.2	-88	-88	70	130	
2016/17-6	Lab	srgt LCS	6/15/2017	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	4.99	µg/L	EPA 525.2	-88	-88			
2016/17-6	Lab	srgt LCS, rec	6/15/2017	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	100	%	EPA 525.2	-88	-88	70	130	
2016/17-6	Lab	srgt LCS dup	6/15/2017	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	4.97	µg/L	EPA 525.2	-88	-88			
2016/17-6	Lab	srgt LCS dup, rec	6/15/2017	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	99	%	EPA 525.2	-88	-88	70	130	
2016/17-6	ME-CC	srgt environ	5/24/2017	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	0.54	µg/L	EPA 525.2m	-88	-88			
2016/17-6	ME-CC	srgt environ, rec	5/24/2017	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	108	%	EPA 525.2m	-88	-88	76	128	
2016/17-6	ME-CC	srgt environ	6/15/2017	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	5.44	µg/L	EPA 525.2	-88	-88			
2016/17-6	ME-CC	srgt environ, rec	6/15/2017	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	109	%	EPA 525.2	-88	-88	70	130	
2016/17-6	ME-SCR	srgt environ	5/5/2017	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	5.09	µg/L	EPA 525.2	-88	-88			
2016/17-6	ME-SCR	srgt environ, rec	5/5/2017	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	102	%	EPA 525.2	-88	-88	70	130	
2016/17-6	ME-SCR	srgt environ	5/16/2017	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	0.509	µg/L	EPA 525.2m	-88	-88			
2016/17-6	ME-SCR	srgt environ, rec	5/16/2017	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	102	%	EPA 525.2m	-88	-88	76	128	
2016/17-6	ME-VR2	srgt environ	5/24/2017	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	5.23	µg/L	EPA 525.2	-88	-88			
2016/17-6	ME-VR2	srgt environ, rec	5/24/2017	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	105	%	EPA 525.2	-88	-88	70	130	
2016/17-6	ME-VR2	srgt environ	5/25/2017	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	0.521	µg/L	EPA 525.2m	-88	-88			
2016/17-6	ME-VR2	srgt environ, rec	5/25/2017	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	104	%	EPA 525.2m	-88	-88	76	128	
2016/17-6	MO-CAM	srgt environ	5/24/2017	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	0.455	µg/L	EPA 525.2m	-88	-88			
2016/17-6	MO-CAM	srgt environ, rec	5/24/2017	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	91	%	EPA 525.2m	-88	-88	76	128	
2016/17-6	MO-CAM	srgt environ	6/15/2017	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	5.4	µg/L	EPA 525.2	-88	-88			
2016/17-6	MO-CAM	srgt environ, rec	6/15/2017	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	108	%	EPA 525.2	-88	-88	70	130	
2016/17-6	MO-FIL	srgt environ	5/5/2017	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	5.09	µg/L	EPA 525.2	-88	-88			
2016/17-6	MO-FIL	srgt environ, rec	5/5/2017	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	102	%	EPA 525.2	-88	-88	70	130	
2016/17-6	MO-FIL	srgt environ	5/16/2017	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	0.509	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	
2016/17-6	MO-FIL	srgt environ, rec	5/16/2017	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	102	%	EPA 525.2m	-88	-88	76	128	
2016/17-6	MO-HUE	srgt environ	5/24/2017	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	6.83	µg/L	EPA 525.2	-88	-88			
2016/17-6	MO-HUE	srgt environ, rec	5/24/2017	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	137	%	EPA 525.2	-88	-88	70	130	
2016/17-6	MO-HUE	srgt environ	5/25/2017	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	0.629	µg/L	EPA 525.2m	-88	-88			
2016/17-6	MO-HUE	srgt environ, rec	5/25/2017	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	126	%	EPA 525.2m	-88	-88	76	128	
2016/17-6	MO-MPK	srgt environ	5/24/2017	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	0.455	µg/L	EPA 525.2m	-88	-88			
2016/17-6	MO-MPK	srgt environ, rec	5/24/2017	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	91	%	EPA 525.2m	-88	-88	76	128	
2016/17-6	MO-MPK	srgt environ	6/15/2017	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	5.18	µg/L	EPA 525.2	-88	-88			
2016/17-6	MO-MPK	srgt environ, rec	6/15/2017	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	104	%	EPA 525.2	-88	-88	70	130	
2016/17-6	MO-OJA	srgt environ	5/24/2017	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	5.32	µg/L	EPA 525.2	-88	-88			
2016/17-6	MO-OJA	srgt environ, rec	5/24/2017	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	106	%	EPA 525.2	-88	-88	70	130	
2016/17-6	MO-OJA	srgt environ	5/25/2017	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	0.53	µg/L	EPA 525.2m	-88	-88			
2016/17-6	MO-OJA	srgt environ, rec	5/25/2017	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	106	%	EPA 525.2m	-88	-88	76	128	
2016/17-6	MO-SIM	srgt environ	5/24/2017	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	0.49	µg/L	EPA 525.2m	-88	-88			
2016/17-6	MO-SIM	srgt environ, rec	5/24/2017	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	98	%	EPA 525.2m	-88	-88	76	128	
2016/17-6	MO-SIM	srgt environ	6/15/2017	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	6.11	µg/L	EPA 525.2	-88	-88			
2016/17-6	MO-SIM	srgt environ, rec	6/15/2017	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	122	%	EPA 525.2	-88	-88	70	130	
2016/17-6	MO-THO	srgt environ	5/24/2017	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	0.529	µg/L	EPA 525.2m	-88	-88			
2016/17-6	MO-THO	srgt environ, rec	5/24/2017	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	106	%	EPA 525.2m	-88	-88	76	128	
2016/17-6	MO-THO	srgt environ	6/15/2017	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	5.1	µg/L	EPA 525.2	-88	-88			
2016/17-6	MO-THO	srgt environ, rec	6/15/2017	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	102	%	EPA 525.2	-88	-88	70	130	
2016/17-6	MO-VEN	srgt environ	5/5/2017	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	5.46	µg/L	EPA 525.2	-88	-88			
2016/17-6	MO-VEN	srgt environ, rec	5/5/2017	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	109	%	EPA 525.2	-88	-88	70	130	
2016/17-6	MO-VEN	srgt environ	5/16/2017	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	0.477	µg/L	EPA 525.2m	-88	-88			
2016/17-6	MO-VEN	srgt environ, rec	5/16/2017	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	95	%	EPA 525.2m	-88	-88	76	128	
2016/17-6	Lab	method blank	5/13/2017	Organic	1,4-Dichlorobenzene	n/a	<	0.55	µg/L	EPA 625	0.55	1			
2016/17-6	Lab	LCS	5/13/2017	Organic	1,4-Dichlorobenzene	n/a	=	17.4	µg/L	EPA 625	0.55	1			
2016/17-6	Lab	LCS, rec	5/13/2017	Organic	1,4-Dichlorobenzene	n/a	=	70	%	EPA 625	-88	-88	20	124	
2016/17-6	Lab	LCS dup	5/13/2017	Organic	1,4-Dichlorobenzene	n/a	=	16	µg/L	EPA 625	0.55	1			
2016/17-6	Lab	LCS dup, rec	5/13/2017	Organic	1,4-Dichlorobenzene	n/a	=	64	%	EPA 625	-88	-88	20	124	
2016/17-6	Lab	LCS, RPD	5/13/2017	Organic	1,4-Dichlorobenzene	n/a	=	8	%	EPA 625	-88	-88	0	30	
2016/17-6	Lab	method blank	5/26/2017	Organic	1,4-Dichlorobenzene	n/a	<	0.53	µg/L	EPA 625	0.53	1			
2016/17-6	Lab	LCS	5/26/2017	Organic	1,4-Dichlorobenzene	n/a	=	19.1	µg/L	EPA 625	0.53	1			
2016/17-6	Lab	LCS, rec	5/26/2017	Organic	1,4-Dichlorobenzene	n/a	=	76	%	EPA 625	-88	-88	20	124	
2016/17-6	Lab	LCS dup	5/26/2017	Organic	1,4-Dichlorobenzene	n/a	=	17	µg/L	EPA 625	0.53	1			
2016/17-6	Lab	LCS dup, rec	5/26/2017	Organic	1,4-Dichlorobenzene	n/a	=	68	%	EPA 625	-88	-88	20	124	
2016/17-6	Lab	LCS, RPD	5/26/2017	Organic	1,4-Dichlorobenzene	n/a	=	12	%	EPA 625	-88	-88	0	30	
2016/17-6	Lab	method blank	5/31/2017	Organic	1,4-Dichlorobenzene	n/a	<	0.53	µg/L	EPA 625	0.53	1			
2016/17-6	Lab	LCS	5/31/2017	Organic	1,4-Dichlorobenzene	n/a	=	16.2	µg/L	EPA 625	0.53	1			
2016/17-6	Lab	LCS, rec	5/31/2017	Organic	1,4-Dichlorobenzene	n/a	=	65	%	EPA 625	-88	-88	20	124	
2016/17-6	Lab	LCS dup	5/31/2017	Organic	1,4-Dichlorobenzene	n/a	=	15.9	µg/L	EPA 625	0.53	1			
2016/17-6	Lab	LCS dup, rec	5/31/2017	Organic	1,4-Dichlorobenzene	n/a	=	64	%	EPA 625	-88	-88	20	124	
2016/17-6	Lab	LCS, RPD	5/31/2017	Organic	1,4-Dichlorobenzene	n/a	=	2	%	EPA 625	-88	-88	0	30	
2016/17-6	Lab	method blank	5/17/2017	Organic	1-Methylnaphthalene	n/a	<	0.1	µg/L	EPA 8270C	0.1	0.1			
2016/17-6	Lab	method blank	5/24/2017	Organic	1-Methylnaphthalene	n/a	<	0.1	µg/L	EPA 8270C	0.1	0.1			
2016/17-6	Lab	method blank	6/2/2017	Organic	1-Methylnaphthalene	n/a	<	0.1	µg/L	EPA 8270C	0.1	0.1			
2016/17-6	Lab	method blank	5/23/2017	Organic	2,4,5-Trichlorophenol	n/a	<	0.29	µg/L	EPA 8270C	0.29	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	
2016/17-6	Lab	method blank	5/23/2017	Organic	2,4,5-Trichlorophenol	n/a	<	0.29	µg/L	EPA 8270C	0.29	1			
2016/17-6	Lab	method blank	6/2/2017	Organic	2,4,5-Trichlorophenol	n/a	<	0.29	µg/L	EPA 8270C	0.29	1			
2016/17-6	Lab	srgt method blank	5/13/2017	Organic	2,4,6-Tribromophenol	n/a	=	27.1	µg/L	EPA 625	-88	-88			
2016/17-6	Lab	srgt method blank, rec	5/13/2017	Organic	2,4,6-Tribromophenol	n/a	=	54	%	EPA 625	-88	-88	25	102	
2016/17-6	Lab	srgt LCS	5/13/2017	Organic	2,4,6-Tribromophenol	n/a	=	39.7	µg/L	EPA 625	-88	-88			
2016/17-6	Lab	srgt LCS, rec	5/13/2017	Organic	2,4,6-Tribromophenol	n/a	=	79	%	EPA 625	-88	-88	25	102	
2016/17-6	Lab	srgt LCS dup	5/13/2017	Organic	2,4,6-Tribromophenol	n/a	=	35.9	µg/L	EPA 625	-88	-88			
2016/17-6	Lab	srgt LCS dup, rec	5/13/2017	Organic	2,4,6-Tribromophenol	n/a	=	72	%	EPA 625	-88	-88	25	102	
2016/17-6	Lab	srgt method blank	5/23/2017	Organic	2,4,6-Tribromophenol	n/a	=	4.47	µg/L	EPA 8270C	-88	-88			
2016/17-6	Lab	srgt method blank, rec	5/23/2017	Organic	2,4,6-Tribromophenol	n/a	=	45	%	EPA 8270C	-88	-88	26	117	
2016/17-6	Lab	srgt LCS	5/23/2017	Organic	2,4,6-Tribromophenol	n/a	=	6.82	µg/L	EPA 8270C	-88	-88			
2016/17-6	Lab	srgt LCS, rec	5/23/2017	Organic	2,4,6-Tribromophenol	n/a	=	68	%	EPA 8270C	-88	-88	26	117	
2016/17-6	Lab	srgt LCS dup	5/23/2017	Organic	2,4,6-Tribromophenol	n/a	=	7.39	µg/L	EPA 8270C	-88	-88			
2016/17-6	Lab	srgt LCS dup, rec	5/23/2017	Organic	2,4,6-Tribromophenol	n/a	=	74	%	EPA 8270C	-88	-88	26	117	
2016/17-6	Lab	srgt method blank	5/23/2017	Organic	2,4,6-Tribromophenol	n/a	=	6.82	µg/L	EPA 8270C	-88	-88			
2016/17-6	Lab	srgt method blank, rec	5/23/2017	Organic	2,4,6-Tribromophenol	n/a	=	68	%	EPA 8270C	-88	-88	26	117	
2016/17-6	Lab	srgt LCS	5/23/2017	Organic	2,4,6-Tribromophenol	n/a	=	7.26	µg/L	EPA 8270C	-88	-88			
2016/17-6	Lab	srgt LCS, rec	5/23/2017	Organic	2,4,6-Tribromophenol	n/a	=	73	%	EPA 8270C	-88	-88	26	117	
2016/17-6	Lab	srgt LCS dup	5/23/2017	Organic	2,4,6-Tribromophenol	n/a	=	7.91	µg/L	EPA 8270C	-88	-88			
2016/17-6	Lab	srgt LCS dup, rec	5/23/2017	Organic	2,4,6-Tribromophenol	n/a	=	79	%	EPA 8270C	-88	-88	26	117	
2016/17-6	Lab	srgt method blank	5/26/2017	Organic	2,4,6-Tribromophenol	n/a	=	34.8	µg/L	EPA 625	-88	-88			
2016/17-6	Lab	srgt method blank, rec	5/26/2017	Organic	2,4,6-Tribromophenol	n/a	=	70	%	EPA 625	-88	-88	25	102	
2016/17-6	Lab	srgt LCS	5/26/2017	Organic	2,4,6-Tribromophenol	n/a	=	39.8	µg/L	EPA 625	-88	-88			
2016/17-6	Lab	srgt LCS, rec	5/26/2017	Organic	2,4,6-Tribromophenol	n/a	=	80	%	EPA 625	-88	-88	25	102	
2016/17-6	Lab	srgt LCS dup	5/26/2017	Organic	2,4,6-Tribromophenol	n/a	=	40.5	µg/L	EPA 625	-88	-88			
2016/17-6	Lab	srgt LCS dup, rec	5/26/2017	Organic	2,4,6-Tribromophenol	n/a	=	81	%	EPA 625	-88	-88	25	102	
2016/17-6	Lab	srgt method blank	5/31/2017	Organic	2,4,6-Tribromophenol	n/a	=	26.7	µg/L	EPA 625	-88	-88			
2016/17-6	Lab	srgt method blank, rec	5/31/2017	Organic	2,4,6-Tribromophenol	n/a	=	53	%	EPA 625	-88	-88	25	102	
2016/17-6	Lab	srgt LCS	5/31/2017	Organic	2,4,6-Tribromophenol	n/a	=	36.4	µg/L	EPA 625	-88	-88			
2016/17-6	Lab	srgt LCS, rec	5/31/2017	Organic	2,4,6-Tribromophenol	n/a	=	73	%	EPA 625	-88	-88	25	102	
2016/17-6	Lab	srgt LCS dup	5/31/2017	Organic	2,4,6-Tribromophenol	n/a	=	36.3	µg/L	EPA 625	-88	-88			
2016/17-6	Lab	srgt LCS dup, rec	5/31/2017	Organic	2,4,6-Tribromophenol	n/a	=	73	%	EPA 625	-88	-88	25	102	
2016/17-6	Lab	srgt method blank	6/2/2017	Organic	2,4,6-Tribromophenol	n/a	=	2.2	µg/L	EPA 8270C	-88	-88			GN
2016/17-6	Lab	srgt method blank, rec	6/2/2017	Organic	2,4,6-Tribromophenol	n/a	=	22	%	EPA 8270C	-88	-88	26	117	GN
2016/17-6	Lab	srgt LCS	6/2/2017	Organic	2,4,6-Tribromophenol	n/a	=	5.05	µg/L	EPA 8270C	-88	-88			
2016/17-6	Lab	srgt LCS, rec	6/2/2017	Organic	2,4,6-Tribromophenol	n/a	=	50	%	EPA 8270C	-88	-88	26	117	
2016/17-6	Lab	srgt LCS dup	6/2/2017	Organic	2,4,6-Tribromophenol	n/a	=	5.55	µg/L	EPA 8270C	-88	-88			
2016/17-6	Lab	srgt LCS dup, rec	6/2/2017	Organic	2,4,6-Tribromophenol	n/a	=	56	%	EPA 8270C	-88	-88	26	117	
2016/17-6	ME-CC	srgt environ	5/24/2017	Organic	2,4,6-Tribromophenol	n/a	=	7.71	µg/L	EPA 8270C	-88	-88			
2016/17-6	ME-CC	srgt environ, rec	5/24/2017	Organic	2,4,6-Tribromophenol	n/a	=	77	%	EPA 8270C	-88	-88	26	117	
2016/17-6	ME-CC	srgt environ	5/26/2017	Organic	2,4,6-Tribromophenol	n/a	=	29.5	µg/L	EPA 625	-88	-88			
2016/17-6	ME-CC	srgt environ, rec	5/26/2017	Organic	2,4,6-Tribromophenol	n/a	=	59	%	EPA 625	-88	-88	25	102	
2016/17-6	ME-SCR	srgt environ	5/13/2017	Organic	2,4,6-Tribromophenol	n/a	=	39.6	µg/L	EPA 625	-88	-88			
2016/17-6	ME-SCR	srgt environ, rec	5/13/2017	Organic	2,4,6-Tribromophenol	n/a	=	79	%	EPA 625	-88	-88	25	102	
2016/17-6	ME-SCR	srgt environ	5/23/2017	Organic	2,4,6-Tribromophenol	n/a	=	8.4	µg/L	EPA 8270C	-88	-88			
2016/17-6	ME-SCR	srgt environ, rec	5/23/2017	Organic	2,4,6-Tribromophenol	n/a	=	84	%	EPA 8270C	-88	-88	26	117	
2016/17-6	ME-VR2	srgt environ	5/31/2017	Organic	2,4,6-Tribromophenol	n/a	=	36.8	µg/L	EPA 625	-88	-88			

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2016/17-6	ME-VR2	srgt environ, rec	5/31/2017	Organic	2,4,6-Tribromophenol	n/a	=	74	%	EPA 625	-88	-88	25	102	
2016/17-6	ME-VR2	srgt environ	6/2/2017	Organic	2,4,6-Tribromophenol	n/a	=	5.32	µg/L	EPA 8270C	-88	-88			
2016/17-6	ME-VR2	srgt environ, rec	6/2/2017	Organic	2,4,6-Tribromophenol	n/a	=	53	%	EPA 8270C	-88	-88	26	117	
2016/17-6	MO-CAM	srgt environ	5/24/2017	Organic	2,4,6-Tribromophenol	n/a	=	6.53	µg/L	EPA 8270C	-88	-88			
2016/17-6	MO-CAM	srgt environ, rec	5/24/2017	Organic	2,4,6-Tribromophenol	n/a	=	65	%	EPA 8270C	-88	-88	26	117	
2016/17-6	MO-CAM	srgt environ	5/26/2017	Organic	2,4,6-Tribromophenol	n/a	=	32.9	µg/L	EPA 625	-88	-88			
2016/17-6	MO-CAM	srgt environ, rec	5/26/2017	Organic	2,4,6-Tribromophenol	n/a	=	66	%	EPA 625	-88	-88	25	102	
2016/17-6	MO-FIL	srgt environ	5/13/2017	Organic	2,4,6-Tribromophenol	n/a	=	37.8	µg/L	EPA 625	-88	-88			
2016/17-6	MO-FIL	srgt environ, rec	5/13/2017	Organic	2,4,6-Tribromophenol	n/a	=	76	%	EPA 625	-88	-88	25	102	
2016/17-6	MO-FIL	srgt environ	5/23/2017	Organic	2,4,6-Tribromophenol	n/a	=	7.82	µg/L	EPA 8270C	-88	-88			
2016/17-6	MO-FIL	srgt environ, rec	5/23/2017	Organic	2,4,6-Tribromophenol	n/a	=	78	%	EPA 8270C	-88	-88	26	117	
2016/17-6	MO-HUE	srgt environ	5/31/2017	Organic	2,4,6-Tribromophenol	n/a	=	30.6	µg/L	EPA 625	-88	-88			
2016/17-6	MO-HUE	srgt environ, rec	5/31/2017	Organic	2,4,6-Tribromophenol	n/a	=	61	%	EPA 625	-88	-88	25	102	
2016/17-6	MO-HUE	srgt environ	6/2/2017	Organic	2,4,6-Tribromophenol	n/a	=	5.92	µg/L	EPA 8270C	-88	-88			
2016/17-6	MO-HUE	srgt environ, rec	6/2/2017	Organic	2,4,6-Tribromophenol	n/a	=	59	%	EPA 8270C	-88	-88	26	117	
2016/17-6	MO-MPK	srgt environ	5/24/2017	Organic	2,4,6-Tribromophenol	n/a	=	6.86	µg/L	EPA 8270C	-88	-88			
2016/17-6	MO-MPK	srgt environ, rec	5/24/2017	Organic	2,4,6-Tribromophenol	n/a	=	69	%	EPA 8270C	-88	-88	26	117	
2016/17-6	MO-MPK	srgt environ	5/26/2017	Organic	2,4,6-Tribromophenol	n/a	=	31.1	µg/L	EPA 625	-88	-88			
2016/17-6	MO-MPK	srgt environ, rec	5/26/2017	Organic	2,4,6-Tribromophenol	n/a	=	62	%	EPA 625	-88	-88	25	102	
2016/17-6	MO-OJA	srgt environ	5/31/2017	Organic	2,4,6-Tribromophenol	n/a	=	34.8	µg/L	EPA 625	-88	-88			
2016/17-6	MO-OJA	srgt environ, rec	5/31/2017	Organic	2,4,6-Tribromophenol	n/a	=	70	%	EPA 625	-88	-88	25	102	
2016/17-6	MO-OJA	srgt environ	6/2/2017	Organic	2,4,6-Tribromophenol	n/a	=	6.11	µg/L	EPA 8270C	-88	-88			
2016/17-6	MO-OJA	srgt environ, rec	6/2/2017	Organic	2,4,6-Tribromophenol	n/a	=	61	%	EPA 8270C	-88	-88	26	117	
2016/17-6	MO-SIM	srgt environ	5/24/2017	Organic	2,4,6-Tribromophenol	n/a	=	7.82	µg/L	EPA 8270C	-88	-88			
2016/17-6	MO-SIM	srgt environ, rec	5/24/2017	Organic	2,4,6-Tribromophenol	n/a	=	78	%	EPA 8270C	-88	-88	26	117	
2016/17-6	MO-SIM	srgt environ	5/26/2017	Organic	2,4,6-Tribromophenol	n/a	=	25.1	µg/L	EPA 625	-88	-88			
2016/17-6	MO-SIM	srgt environ, rec	5/26/2017	Organic	2,4,6-Tribromophenol	n/a	=	50	%	EPA 625	-88	-88	25	102	
2016/17-6	MO-THO	srgt environ	5/24/2017	Organic	2,4,6-Tribromophenol	n/a	=	6.92	µg/L	EPA 8270C	-88	-88			
2016/17-6	MO-THO	srgt environ, rec	5/24/2017	Organic	2,4,6-Tribromophenol	n/a	=	69	%	EPA 8270C	-88	-88	26	117	
2016/17-6	MO-THO	srgt environ	5/26/2017	Organic	2,4,6-Tribromophenol	n/a	=	21.4	µg/L	EPA 625	-88	-88			
2016/17-6	MO-THO	srgt environ, rec	5/26/2017	Organic	2,4,6-Tribromophenol	n/a	=	43	%	EPA 625	-88	-88	25	102	
2016/17-6	MO-VEN	srgt environ	5/13/2017	Organic	2,4,6-Tribromophenol	n/a	=	34.4	µg/L	EPA 625	-88	-88			
2016/17-6	MO-VEN	srgt environ, rec	5/13/2017	Organic	2,4,6-Tribromophenol	n/a	=	69	%	EPA 625	-88	-88	25	102	
2016/17-6	MO-VEN	srgt environ	5/23/2017	Organic	2,4,6-Tribromophenol	n/a	=	8.55	µg/L	EPA 8270C	-88	-88			
2016/17-6	MO-VEN	srgt environ, rec	5/23/2017	Organic	2,4,6-Tribromophenol	n/a	=	85	%	EPA 8270C	-88	-88	26	117	
2016/17-6	Lab	method blank	5/13/2017	Organic	2,4,6-Trichlorophenol	n/a	<	0.22	µg/L	EPA 625	0.22	1			
2016/17-6	Lab	LCS	5/13/2017	Organic	2,4,6-Trichlorophenol	n/a	=	17.2	µg/L	EPA 625	0.22	1			
2016/17-6	Lab	LCS, rec	5/13/2017	Organic	2,4,6-Trichlorophenol	n/a	=	69	%	EPA 625	-88	-88	37	144	
2016/17-6	Lab	LCS dup	5/13/2017	Organic	2,4,6-Trichlorophenol	n/a	=	16.3	µg/L	EPA 625	0.22	1			
2016/17-6	Lab	LCS dup, rec	5/13/2017	Organic	2,4,6-Trichlorophenol	n/a	=	65	%	EPA 625	-88	-88	37	144	
2016/17-6	Lab	LCS, RPD	5/13/2017	Organic	2,4,6-Trichlorophenol	n/a	=	5	%	EPA 625	-88	-88	0	30	
2016/17-6	Lab	method blank	5/23/2017	Organic	2,4,6-Trichlorophenol	n/a	<	0.3	µg/L	EPA 8270C	0.3	1			
2016/17-6	Lab	LCS	5/23/2017	Organic	2,4,6-Trichlorophenol	n/a	=	7.31	µg/L	EPA 8270C	0.3	1			
2016/17-6	Lab	LCS, rec	5/23/2017	Organic	2,4,6-Trichlorophenol	n/a	=	73	%	EPA 8270C	-88	-88	30	115	
2016/17-6	Lab	LCS dup	5/23/2017	Organic	2,4,6-Trichlorophenol	n/a	=	8.51	µg/L	EPA 8270C	0.3	1			
2016/17-6	Lab	LCS dup, rec	5/23/2017	Organic	2,4,6-Trichlorophenol	n/a	=	85	%	EPA 8270C	-88	-88	30	115	
2016/17-6	Lab	LCS, RPD	5/23/2017	Organic	2,4,6-Trichlorophenol	n/a	=	15	%	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	
2016/17-6	Lab	method blank	5/23/2017	Organic	2,4,6-Trichlorophenol	n/a	<	0.3	µg/L	EPA 8270C	0.3	1			
2016/17-6	Lab	LCS	5/23/2017	Organic	2,4,6-Trichlorophenol	n/a	=	7.43	µg/L	EPA 8270C	0.3	1			
2016/17-6	Lab	LCS, rec	5/23/2017	Organic	2,4,6-Trichlorophenol	n/a	=	74	%	EPA 8270C	-88	-88	30	115	
2016/17-6	Lab	LCS dup	5/23/2017	Organic	2,4,6-Trichlorophenol	n/a	=	8.24	µg/L	EPA 8270C	0.3	1			
2016/17-6	Lab	LCS dup, rec	5/23/2017	Organic	2,4,6-Trichlorophenol	n/a	=	82	%	EPA 8270C	-88	-88	30	115	
2016/17-6	Lab	LCS, RPD	5/23/2017	Organic	2,4,6-Trichlorophenol	n/a	=	10	%	EPA 8270C	-88	-88	0	30	
2016/17-6	Lab	method blank	5/26/2017	Organic	2,4,6-Trichlorophenol	n/a	<	0.22	µg/L	EPA 625	0.22	1			
2016/17-6	Lab	LCS	5/26/2017	Organic	2,4,6-Trichlorophenol	n/a	=	19.3	µg/L	EPA 625	0.22	1			
2016/17-6	Lab	LCS, rec	5/26/2017	Organic	2,4,6-Trichlorophenol	n/a	=	77	%	EPA 625	-88	-88	37	144	
2016/17-6	Lab	LCS dup	5/26/2017	Organic	2,4,6-Trichlorophenol	n/a	=	19.8	µg/L	EPA 625	0.22	1			
2016/17-6	Lab	LCS dup, rec	5/26/2017	Organic	2,4,6-Trichlorophenol	n/a	=	79	%	EPA 625	-88	-88	37	144	
2016/17-6	Lab	LCS, RPD	5/26/2017	Organic	2,4,6-Trichlorophenol	n/a	=	2	%	EPA 625	-88	-88	0	30	
2016/17-6	Lab	method blank	5/31/2017	Organic	2,4,6-Trichlorophenol	n/a	<	0.22	µg/L	EPA 625	0.22	1			
2016/17-6	Lab	LCS	5/31/2017	Organic	2,4,6-Trichlorophenol	n/a	=	17.8	µg/L	EPA 625	0.22	1			
2016/17-6	Lab	LCS, rec	5/31/2017	Organic	2,4,6-Trichlorophenol	n/a	=	71	%	EPA 625	-88	-88	37	144	
2016/17-6	Lab	LCS dup	5/31/2017	Organic	2,4,6-Trichlorophenol	n/a	=	18	µg/L	EPA 625	0.22	1			
2016/17-6	Lab	LCS dup, rec	5/31/2017	Organic	2,4,6-Trichlorophenol	n/a	=	72	%	EPA 625	-88	-88	37	144	
2016/17-6	Lab	LCS, RPD	5/31/2017	Organic	2,4,6-Trichlorophenol	n/a	=	1	%	EPA 625	-88	-88	0	30	
2016/17-6	Lab	method blank	6/2/2017	Organic	2,4,6-Trichlorophenol	n/a	<	0.3	µg/L	EPA 8270C	0.3	1			
2016/17-6	Lab	LCS	6/2/2017	Organic	2,4,6-Trichlorophenol	n/a	=	5.64	µg/L	EPA 8270C	0.3	1			
2016/17-6	Lab	LCS, rec	6/2/2017	Organic	2,4,6-Trichlorophenol	n/a	=	56	%	EPA 8270C	-88	-88	30	115	
2016/17-6	Lab	LCS dup	6/2/2017	Organic	2,4,6-Trichlorophenol	n/a	=	6.28	µg/L	EPA 8270C	0.3	1			
2016/17-6	Lab	LCS dup, rec	6/2/2017	Organic	2,4,6-Trichlorophenol	n/a	=	63	%	EPA 8270C	-88	-88	30	115	
2016/17-6	Lab	LCS, RPD	6/2/2017	Organic	2,4,6-Trichlorophenol	n/a	=	11	%	EPA 8270C	-88	-88	0	30	
2016/17-6	Lab	method blank	5/13/2017	Organic	2,4-Dichlorophenol	n/a	<	0.26	µg/L	EPA 625	0.26	1			
2016/17-6	Lab	LCS	5/13/2017	Organic	2,4-Dichlorophenol	n/a	=	18.3	µg/L	EPA 625	0.26	1			
2016/17-6	Lab	LCS, rec	5/13/2017	Organic	2,4-Dichlorophenol	n/a	=	73	%	EPA 625	-88	-88	39	135	
2016/17-6	Lab	LCS dup	5/13/2017	Organic	2,4-Dichlorophenol	n/a	=	17.3	µg/L	EPA 625	0.26	1			
2016/17-6	Lab	LCS dup, rec	5/13/2017	Organic	2,4-Dichlorophenol	n/a	=	69	%	EPA 625	-88	-88	39	135	
2016/17-6	Lab	LCS, RPD	5/13/2017	Organic	2,4-Dichlorophenol	n/a	=	6	%	EPA 625	-88	-88	0	30	
2016/17-6	Lab	method blank	5/23/2017	Organic	2,4-Dichlorophenol	n/a	<	0.51	µg/L	EPA 8270C	0.51	1			
2016/17-6	Lab	LCS	5/23/2017	Organic	2,4-Dichlorophenol	n/a	=	6.95	µg/L	EPA 8270C	0.51	1			
2016/17-6	Lab	LCS, rec	5/23/2017	Organic	2,4-Dichlorophenol	n/a	=	69	%	EPA 8270C	-88	-88	32	105	
2016/17-6	Lab	LCS dup	5/23/2017	Organic	2,4-Dichlorophenol	n/a	=	8.09	µg/L	EPA 8270C	0.51	1			
2016/17-6	Lab	LCS dup, rec	5/23/2017	Organic	2,4-Dichlorophenol	n/a	=	81	%	EPA 8270C	-88	-88	32	105	
2016/17-6	Lab	LCS, RPD	5/23/2017	Organic	2,4-Dichlorophenol	n/a	=	15	%	EPA 8270C	-88	-88	0	30	
2016/17-6	Lab	method blank	5/23/2017	Organic	2,4-Dichlorophenol	n/a	<	0.51	µg/L	EPA 8270C	0.51	1			
2016/17-6	Lab	LCS	5/23/2017	Organic	2,4-Dichlorophenol	n/a	=	6.62	µg/L	EPA 8270C	0.51	1			
2016/17-6	Lab	LCS, rec	5/23/2017	Organic	2,4-Dichlorophenol	n/a	=	66	%	EPA 8270C	-88	-88	32	105	
2016/17-6	Lab	LCS dup	5/23/2017	Organic	2,4-Dichlorophenol	n/a	=	7.18	µg/L	EPA 8270C	0.51	1			
2016/17-6	Lab	LCS dup, rec	5/23/2017	Organic	2,4-Dichlorophenol	n/a	=	72	%	EPA 8270C	-88	-88	32	105	
2016/17-6	Lab	LCS, RPD	5/23/2017	Organic	2,4-Dichlorophenol	n/a	=	8	%	EPA 8270C	-88	-88	0	30	
2016/17-6	Lab	method blank	5/26/2017	Organic	2,4-Dichlorophenol	n/a	<	0.26	µg/L	EPA 625	0.26	1			
2016/17-6	Lab	LCS	5/26/2017	Organic	2,4-Dichlorophenol	n/a	=	20.5	µg/L	EPA 625	0.26	1			
2016/17-6	Lab	LCS, rec	5/26/2017	Organic	2,4-Dichlorophenol	n/a	=	82	%	EPA 625	-88	-88	39	135	
2016/17-6	Lab	LCS dup	5/26/2017	Organic	2,4-Dichlorophenol	n/a	=	20.8	µg/L	EPA 625	0.26	1			
2016/17-6	Lab	LCS dup, rec	5/26/2017	Organic	2,4-Dichlorophenol	n/a	=	83	%	EPA 625	-88	-88	39	135	

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2016/17-6	Lab	LCS, RPD	5/26/2017	Organic	2,4-Dichlorophenol	n/a	=	2	%	EPA 625	-88	-88	0	30	
2016/17-6	Lab	method blank	5/31/2017	Organic	2,4-Dichlorophenol	n/a	<	0.26	µg/L	EPA 625	0.26	1			
2016/17-6	Lab	LCS	5/31/2017	Organic	2,4-Dichlorophenol	n/a	=	17.2	µg/L	EPA 625	0.26	1			
2016/17-6	Lab	LCS, rec	5/31/2017	Organic	2,4-Dichlorophenol	n/a	=	69	%	EPA 625	-88	-88	39	135	
2016/17-6	Lab	LCS dup	5/31/2017	Organic	2,4-Dichlorophenol	n/a	=	17.9	µg/L	EPA 625	0.26	1			
2016/17-6	Lab	LCS dup, rec	5/31/2017	Organic	2,4-Dichlorophenol	n/a	=	72	%	EPA 625	-88	-88	39	135	
2016/17-6	Lab	LCS, RPD	5/31/2017	Organic	2,4-Dichlorophenol	n/a	=	4	%	EPA 625	-88	-88	0	30	
2016/17-6	Lab	method blank	6/2/2017	Organic	2,4-Dichlorophenol	n/a	<	0.51	µg/L	EPA 8270C	0.51	1			
2016/17-6	Lab	LCS	6/2/2017	Organic	2,4-Dichlorophenol	n/a	=	5.18	µg/L	EPA 8270C	0.51	1			
2016/17-6	Lab	LCS, rec	6/2/2017	Organic	2,4-Dichlorophenol	n/a	=	52	%	EPA 8270C	-88	-88	32	105	
2016/17-6	Lab	LCS dup	6/2/2017	Organic	2,4-Dichlorophenol	n/a	=	5.59	µg/L	EPA 8270C	0.51	1			
2016/17-6	Lab	LCS dup, rec	6/2/2017	Organic	2,4-Dichlorophenol	n/a	=	56	%	EPA 8270C	-88	-88	32	105	
2016/17-6	Lab	LCS, RPD	6/2/2017	Organic	2,4-Dichlorophenol	n/a	=	8	%	EPA 8270C	-88	-88	0	30	
2016/17-6	000NONPJ	srgt matrix spike	5/12/2017	Organic	2,4-Dichlorophenylacetic acid	n/a	=	12.6	µg/L	EPA 515.3	-88	-88			
2016/17-6	000NONPJ	srgt matrix spike, rec	5/12/2017	Organic	2,4-Dichlorophenylacetic acid	n/a	=	126	%	EPA 515.3	-88	-88	70	130	
2016/17-6	000NONPJ	srgt matrix spike dup	5/12/2017	Organic	2,4-Dichlorophenylacetic acid	n/a	=	12.7	µg/L	EPA 515.3	-88	-88			
2016/17-6	000NONPJ	srgt matrix spike dup, rec	5/12/2017	Organic	2,4-Dichlorophenylacetic acid	n/a	=	127	%	EPA 515.3	-88	-88	70	130	
2016/17-6	000NONPJ	srgt matrix spike	5/12/2017	Organic	2,4-Dichlorophenylacetic acid	n/a	=	11.7	µg/L	EPA 515.3	-88	-88			
2016/17-6	000NONPJ	srgt matrix spike, rec	5/12/2017	Organic	2,4-Dichlorophenylacetic acid	n/a	=	117	%	EPA 515.3	-88	-88	70	130	
2016/17-6	000NONPJ	srgt matrix spike dup	5/12/2017	Organic	2,4-Dichlorophenylacetic acid	n/a	=	11.5	µg/L	EPA 515.3	-88	-88			
2016/17-6	000NONPJ	srgt matrix spike dup, rec	5/12/2017	Organic	2,4-Dichlorophenylacetic acid	n/a	=	115	%	EPA 515.3	-88	-88	70	130	
2016/17-6	000NONPJ	srgt matrix spike	5/23/2017	Organic	2,4-Dichlorophenylacetic acid	n/a	=	10.5	µg/L	EPA 515.3	-88	-88			
2016/17-6	000NONPJ	srgt matrix spike, rec	5/23/2017	Organic	2,4-Dichlorophenylacetic acid	n/a	=	105	%	EPA 515.3	-88	-88	70	130	
2016/17-6	000NONPJ	srgt matrix spike dup	5/23/2017	Organic	2,4-Dichlorophenylacetic acid	n/a	=	10.8	µg/L	EPA 515.3	-88	-88			
2016/17-6	000NONPJ	srgt matrix spike dup, rec	5/23/2017	Organic	2,4-Dichlorophenylacetic acid	n/a	=	108	%	EPA 515.3	-88	-88	70	130	
2016/17-6	000NONPJ	srgt matrix spike	5/23/2017	Organic	2,4-Dichlorophenylacetic acid	n/a	=	10.2	µg/L	EPA 515.3	-88	-88			
2016/17-6	000NONPJ	srgt matrix spike, rec	5/23/2017	Organic	2,4-Dichlorophenylacetic acid	n/a	=	102	%	EPA 515.3	-88	-88	70	130	
2016/17-6	000NONPJ	srgt matrix spike dup	5/23/2017	Organic	2,4-Dichlorophenylacetic acid	n/a	=	10.2	µg/L	EPA 515.3	-88	-88			
2016/17-6	000NONPJ	srgt matrix spike dup, rec	5/23/2017	Organic	2,4-Dichlorophenylacetic acid	n/a	=	102	%	EPA 515.3	-88	-88	70	130	
2016/17-6	000NONPJ	srgt matrix spike	5/25/2017	Organic	2,4-Dichlorophenylacetic acid	n/a	=	11	µg/L	EPA 515.3	-88	-88			
2016/17-6	000NONPJ	srgt matrix spike, rec	5/25/2017	Organic	2,4-Dichlorophenylacetic acid	n/a	=	110	%	EPA 515.3	-88	-88	70	130	
2016/17-6	000NONPJ	srgt matrix spike dup	5/25/2017	Organic	2,4-Dichlorophenylacetic acid	n/a	=	11.1	µg/L	EPA 515.3	-88	-88			
2016/17-6	000NONPJ	srgt matrix spike dup, rec	5/25/2017	Organic	2,4-Dichlorophenylacetic acid	n/a	=	111	%	EPA 515.3	-88	-88	70	130	
2016/17-6	Lab	srgt method blank	5/12/2017	Organic	2,4-Dichlorophenylacetic acid	n/a	=	11.6	µg/L	EPA 515.3	-88	-88			
2016/17-6	Lab	srgt method blank, rec	5/12/2017	Organic	2,4-Dichlorophenylacetic acid	n/a	=	116	%	EPA 515.3	-88	-88	70	130	
2016/17-6	Lab	srgt LCS	5/12/2017	Organic	2,4-Dichlorophenylacetic acid	n/a	=	11.8	µg/L	EPA 515.3	-88	-88			
2016/17-6	Lab	srgt LCS, rec	5/12/2017	Organic	2,4-Dichlorophenylacetic acid	n/a	=	118	%	EPA 515.3	-88	-88	70	130	
2016/17-6	Lab	srgt method blank	5/23/2017	Organic	2,4-Dichlorophenylacetic acid	n/a	=	10.3	µg/L	EPA 515.3	-88	-88			
2016/17-6	Lab	srgt method blank, rec	5/23/2017	Organic	2,4-Dichlorophenylacetic acid	n/a	=	103	%	EPA 515.3	-88	-88	70	130	
2016/17-6	Lab	srgt LCS	5/23/2017	Organic	2,4-Dichlorophenylacetic acid	n/a	=	10.6	µg/L	EPA 515.3	-88	-88			
2016/17-6	Lab	srgt LCS, rec	5/23/2017	Organic	2,4-Dichlorophenylacetic acid	n/a	=	106	%	EPA 515.3	-88	-88	70	130	
2016/17-6	Lab	srgt method blank	5/23/2017	Organic	2,4-Dichlorophenylacetic acid	n/a	=	10.1	µg/L	EPA 515.3	-88	-88			
2016/17-6	Lab	srgt method blank, rec	5/23/2017	Organic	2,4-Dichlorophenylacetic acid	n/a	=	101	%	EPA 515.3	-88	-88	70	130	
2016/17-6	Lab	srgt LCS	5/23/2017	Organic	2,4-Dichlorophenylacetic acid	n/a	=	10.3	µg/L	EPA 515.3	-88	-88			
2016/17-6	Lab	srgt LCS, rec	5/23/2017	Organic	2,4-Dichlorophenylacetic acid	n/a	=	103	%	EPA 515.3	-88	-88	70	130	
2016/17-6	Lab	srgt method blank	5/24/2017	Organic	2,4-Dichlorophenylacetic acid	n/a	=	10.6	µg/L	EPA 515.3	-88	-88			
2016/17-6	Lab	srgt method blank, rec	5/24/2017	Organic	2,4-Dichlorophenylacetic acid	n/a	=	106	%	EPA 515.3	-88	-88	70	130	

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2016/17-6	Lab	srgt LCS	5/24/2017	Organic	2,4-Dichlorophenylacetic acid	n/a	=	10.6	µg/L	EPA 515.3	-88	-88			
2016/17-6	Lab	srgt LCS, rec	5/24/2017	Organic	2,4-Dichlorophenylacetic acid	n/a	=	106	%	EPA 515.3	-88	-88	70	130	
2016/17-6	Lab	srgt method blank	5/25/2017	Organic	2,4-Dichlorophenylacetic acid	n/a	=	10.3	µg/L	EPA 515.3	-88	-88			
2016/17-6	Lab	srgt method blank, rec	5/25/2017	Organic	2,4-Dichlorophenylacetic acid	n/a	=	103	%	EPA 515.3	-88	-88	70	130	
2016/17-6	Lab	srgt LCS	5/25/2017	Organic	2,4-Dichlorophenylacetic acid	n/a	=	11.2	µg/L	EPA 515.3	-88	-88			
2016/17-6	Lab	srgt LCS, rec	5/25/2017	Organic	2,4-Dichlorophenylacetic acid	n/a	=	112	%	EPA 515.3	-88	-88	70	130	
2016/17-6	ME-CC	srgt environ	5/23/2017	Organic	2,4-Dichlorophenylacetic acid	n/a	=	10.1	µg/L	EPA 515.3	-88	-88			
2016/17-6	ME-CC	srgt environ, rec	5/23/2017	Organic	2,4-Dichlorophenylacetic acid	n/a	=	101	%	EPA 515.3	-88	-88	70	130	
2016/17-6	ME-SCR	srgt environ	5/13/2017	Organic	2,4-Dichlorophenylacetic acid	n/a	=	11.4	µg/L	EPA 515.3	-88	-88			
2016/17-6	ME-SCR	srgt environ, rec	5/13/2017	Organic	2,4-Dichlorophenylacetic acid	n/a	=	114	%	EPA 515.3	-88	-88	70	130	
2016/17-6	ME-VR2	srgt environ	5/25/2017	Organic	2,4-Dichlorophenylacetic acid	n/a	=	10.9	µg/L	EPA 515.3	-88	-88			
2016/17-6	ME-VR2	srgt environ, rec	5/25/2017	Organic	2,4-Dichlorophenylacetic acid	n/a	=	109	%	EPA 515.3	-88	-88	70	130	
2016/17-6	MO-CAM	srgt environ	5/24/2017	Organic	2,4-Dichlorophenylacetic acid	n/a	=	10.6	µg/L	EPA 515.3	-88	-88			
2016/17-6	MO-CAM	srgt environ, rec	5/24/2017	Organic	2,4-Dichlorophenylacetic acid	n/a	=	106	%	EPA 515.3	-88	-88	70	130	
2016/17-6	MO-FIL	srgt environ	5/13/2017	Organic	2,4-Dichlorophenylacetic acid	n/a	=	11.6	µg/L	EPA 515.3	-88	-88			
2016/17-6	MO-FIL	srgt environ, rec	5/13/2017	Organic	2,4-Dichlorophenylacetic acid	n/a	=	116	%	EPA 515.3	-88	-88	70	130	
2016/17-6	MO-HUE	srgt environ	5/25/2017	Organic	2,4-Dichlorophenylacetic acid	n/a	=	10.9	µg/L	EPA 515.3	-88	-88			
2016/17-6	MO-HUE	srgt environ, rec	5/25/2017	Organic	2,4-Dichlorophenylacetic acid	n/a	=	109	%	EPA 515.3	-88	-88	70	130	
2016/17-6	MO-MPK	srgt environ	5/24/2017	Organic	2,4-Dichlorophenylacetic acid	n/a	=	10.6	µg/L	EPA 515.3	-88	-88			
2016/17-6	MO-MPK	srgt environ, rec	5/24/2017	Organic	2,4-Dichlorophenylacetic acid	n/a	=	106	%	EPA 515.3	-88	-88	70	130	
2016/17-6	MO-OJA	srgt environ	5/25/2017	Organic	2,4-Dichlorophenylacetic acid	n/a	=	11.4	µg/L	EPA 515.3	-88	-88			
2016/17-6	MO-OJA	srgt environ, rec	5/25/2017	Organic	2,4-Dichlorophenylacetic acid	n/a	=	114	%	EPA 515.3	-88	-88	70	130	
2016/17-6	MO-OXN	srgt environ	5/23/2017	Organic	2,4-Dichlorophenylacetic acid	n/a	=	11	µg/L	EPA 515.3	-88	-88			
2016/17-6	MO-OXN	srgt environ, rec	5/23/2017	Organic	2,4-Dichlorophenylacetic acid	n/a	=	110	%	EPA 515.3	-88	-88	70	130	
2016/17-6	MO-SIM	srgt environ	5/23/2017	Organic	2,4-Dichlorophenylacetic acid	n/a	=	11.1	µg/L	EPA 515.3	-88	-88			
2016/17-6	MO-SIM	srgt environ, rec	5/23/2017	Organic	2,4-Dichlorophenylacetic acid	n/a	=	111	%	EPA 515.3	-88	-88	70	130	
2016/17-6	MO-THO	srgt environ	5/23/2017	Organic	2,4-Dichlorophenylacetic acid	n/a	=	10.9	µg/L	EPA 515.3	-88	-88			
2016/17-6	MO-THO	srgt environ, rec	5/23/2017	Organic	2,4-Dichlorophenylacetic acid	n/a	=	109	%	EPA 515.3	-88	-88	70	130	
2016/17-6	MO-VEN	srgt environ	5/13/2017	Organic	2,4-Dichlorophenylacetic acid	n/a	=	11.5	µg/L	EPA 515.3	-88	-88			
2016/17-6	MO-VEN	srgt environ, rec	5/13/2017	Organic	2,4-Dichlorophenylacetic acid	n/a	=	115	%	EPA 515.3	-88	-88	70	130	
2016/17-6	Lab	method blank	5/13/2017	Organic	2,4-Dimethylphenol	n/a	<	0.3	µg/L	EPA 625	0.3	1			
2016/17-6	Lab	LCS	5/13/2017	Organic	2,4-Dimethylphenol	n/a	=	15.6	µg/L	EPA 625	0.3	1			
2016/17-6	Lab	LCS, rec	5/13/2017	Organic	2,4-Dimethylphenol	n/a	=	63	%	EPA 625	-88	-88	32	119	
2016/17-6	Lab	LCS dup	5/13/2017	Organic	2,4-Dimethylphenol	n/a	=	14.2	µg/L	EPA 625	0.3	1			
2016/17-6	Lab	LCS dup, rec	5/13/2017	Organic	2,4-Dimethylphenol	n/a	=	57	%	EPA 625	-88	-88	32	119	
2016/17-6	Lab	LCS, RPD	5/13/2017	Organic	2,4-Dimethylphenol	n/a	=	10	%	EPA 625	-88	-88	0	30	
2016/17-6	Lab	method blank	5/23/2017	Organic	2,4-Dimethylphenol	n/a	<	1	µg/L	EPA 8270C	1	2			
2016/17-6	Lab	LCS	5/23/2017	Organic	2,4-Dimethylphenol	n/a	=	5.61	µg/L	EPA 8270C	1	2			
2016/17-6	Lab	LCS, rec	5/23/2017	Organic	2,4-Dimethylphenol	n/a	=	56	%	EPA 8270C	-88	-88	31	97	
2016/17-6	Lab	LCS dup	5/23/2017	Organic	2,4-Dimethylphenol	n/a	=	5.6	µg/L	EPA 8270C	1	2			
2016/17-6	Lab	LCS dup, rec	5/23/2017	Organic	2,4-Dimethylphenol	n/a	=	56	%	EPA 8270C	-88	-88	31	97	
2016/17-6	Lab	LCS, RPD	5/23/2017	Organic	2,4-Dimethylphenol	n/a	=	0.2	%	EPA 8270C	-88	-88	0	30	
2016/17-6	Lab	method blank	5/23/2017	Organic	2,4-Dimethylphenol	n/a	<	1	µg/L	EPA 8270C	1	2			
2016/17-6	Lab	LCS	5/23/2017	Organic	2,4-Dimethylphenol	n/a	=	4.33	µg/L	EPA 8270C	1	2			
2016/17-6	Lab	LCS, rec	5/23/2017	Organic	2,4-Dimethylphenol	n/a	=	43	%	EPA 8270C	-88	-88	31	97	
2016/17-6	Lab	LCS dup	5/23/2017	Organic	2,4-Dimethylphenol	n/a	=	4.98	µg/L	EPA 8270C	1	2			
2016/17-6	Lab	LCS dup, rec	5/23/2017	Organic	2,4-Dimethylphenol	n/a	=	50	%	EPA 8270C	-88	-88	31	97	

Appendix F
Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2016/17-6	Lab	LCS, RPD	5/23/2017	Organic	2,4-Dimethylphenol	n/a	=	14	%	EPA 8270C	-88	-88	0	30	
2016/17-6	Lab	method blank	5/26/2017	Organic	2,4-Dimethylphenol	n/a	<	0.3	µg/L	EPA 625	0.3	1			
2016/17-6	Lab	LCS	5/26/2017	Organic	2,4-Dimethylphenol	n/a	=	4.06	µg/L	EPA 625	0.3	1			EUM
2016/17-6	Lab	LCS, rec	5/26/2017	Organic	2,4-Dimethylphenol	n/a	=	16	%	EPA 625	-88	-88	32	119	EUM
2016/17-6	Lab	LCS dup	5/26/2017	Organic	2,4-Dimethylphenol	n/a	=	4.12	µg/L	EPA 625	0.3	1			EUM
2016/17-6	Lab	LCS dup, rec	5/26/2017	Organic	2,4-Dimethylphenol	n/a	=	16	%	EPA 625	-88	-88	32	119	EUM
2016/17-6	Lab	LCS, RPD	5/26/2017	Organic	2,4-Dimethylphenol	n/a	=	2	%	EPA 625	-88	-88	0	30	EUM
2016/17-6	Lab	method blank	5/31/2017	Organic	2,4-Dimethylphenol	n/a	<	0.3	µg/L	EPA 625	0.3	1			
2016/17-6	Lab	LCS	5/31/2017	Organic	2,4-Dimethylphenol	n/a	=	14.8	µg/L	EPA 625	0.3	1			
2016/17-6	Lab	LCS, rec	5/31/2017	Organic	2,4-Dimethylphenol	n/a	=	59	%	EPA 625	-88	-88	32	119	
2016/17-6	Lab	LCS dup	5/31/2017	Organic	2,4-Dimethylphenol	n/a	=	15	µg/L	EPA 625	0.3	1			
2016/17-6	Lab	LCS dup, rec	5/31/2017	Organic	2,4-Dimethylphenol	n/a	=	60	%	EPA 625	-88	-88	32	119	
2016/17-6	Lab	LCS, RPD	5/31/2017	Organic	2,4-Dimethylphenol	n/a	=	1	%	EPA 625	-88	-88	0	30	
2016/17-6	Lab	method blank	6/2/2017	Organic	2,4-Dimethylphenol	n/a	<	1	µg/L	EPA 8270C	1	2			
2016/17-6	Lab	LCS	6/2/2017	Organic	2,4-Dimethylphenol	n/a	=	4.27	µg/L	EPA 8270C	1	2			
2016/17-6	Lab	LCS, rec	6/2/2017	Organic	2,4-Dimethylphenol	n/a	=	43	%	EPA 8270C	-88	-88	31	97	
2016/17-6	Lab	LCS dup	6/2/2017	Organic	2,4-Dimethylphenol	n/a	=	4.14	µg/L	EPA 8270C	1	2			
2016/17-6	Lab	LCS dup, rec	6/2/2017	Organic	2,4-Dimethylphenol	n/a	=	41	%	EPA 8270C	-88	-88	31	97	
2016/17-6	Lab	LCS, RPD	6/2/2017	Organic	2,4-Dimethylphenol	n/a	=	3	%	EPA 8270C	-88	-88	0	30	
2016/17-6	Lab	method blank	5/13/2017	Organic	2,4-Dinitrophenol	n/a	<	1.6	µg/L	EPA 625	1.6	10			
2016/17-6	Lab	LCS	5/13/2017	Organic	2,4-Dinitrophenol	n/a	=	12.6	µg/L	EPA 625	1.6	10			
2016/17-6	Lab	LCS, rec	5/13/2017	Organic	2,4-Dinitrophenol	n/a	=	50	%	EPA 625	-88	-88	0.1	191	
2016/17-6	Lab	LCS dup	5/13/2017	Organic	2,4-Dinitrophenol	n/a	=	11.7	µg/L	EPA 625	1.6	10			
2016/17-6	Lab	LCS dup, rec	5/13/2017	Organic	2,4-Dinitrophenol	n/a	=	47	%	EPA 625	-88	-88	0.1	191	
2016/17-6	Lab	LCS, RPD	5/13/2017	Organic	2,4-Dinitrophenol	n/a	=	8	%	EPA 625	-88	-88	0	30	
2016/17-6	Lab	method blank	5/23/2017	Organic	2,4-Dinitrophenol	n/a	<	1	µg/L	EPA 8270C	1	2			
2016/17-6	Lab	LCS	5/23/2017	Organic	2,4-Dinitrophenol	n/a	=	7.61	µg/L	EPA 8270C	1	2			
2016/17-6	Lab	LCS, rec	5/23/2017	Organic	2,4-Dinitrophenol	n/a	=	76	%	EPA 8270C	-88	-88	7	155	
2016/17-6	Lab	LCS dup	5/23/2017	Organic	2,4-Dinitrophenol	n/a	=	8.77	µg/L	EPA 8270C	1	2			
2016/17-6	Lab	LCS dup, rec	5/23/2017	Organic	2,4-Dinitrophenol	n/a	=	88	%	EPA 8270C	-88	-88	7	155	
2016/17-6	Lab	LCS, RPD	5/23/2017	Organic	2,4-Dinitrophenol	n/a	=	14	%	EPA 8270C	-88	-88	0	30	
2016/17-6	Lab	method blank	5/23/2017	Organic	2,4-Dinitrophenol	n/a	<	1	µg/L	EPA 8270C	1	2			
2016/17-6	Lab	LCS	5/23/2017	Organic	2,4-Dinitrophenol	n/a	=	7.48	µg/L	EPA 8270C	1	2			
2016/17-6	Lab	LCS, rec	5/23/2017	Organic	2,4-Dinitrophenol	n/a	=	75	%	EPA 8270C	-88	-88	7	155	
2016/17-6	Lab	LCS dup	5/23/2017	Organic	2,4-Dinitrophenol	n/a	=	8.24	µg/L	EPA 8270C	1	2			
2016/17-6	Lab	LCS dup, rec	5/23/2017	Organic	2,4-Dinitrophenol	n/a	=	82	%	EPA 8270C	-88	-88	7	155	
2016/17-6	Lab	LCS, RPD	5/23/2017	Organic	2,4-Dinitrophenol	n/a	=	10	%	EPA 8270C	-88	-88	0	30	
2016/17-6	Lab	method blank	5/26/2017	Organic	2,4-Dinitrophenol	n/a	<	1.6	µg/L	EPA 625	1.6	10			
2016/17-6	Lab	LCS	5/26/2017	Organic	2,4-Dinitrophenol	n/a	=	20.8	µg/L	EPA 625	1.6	10			
2016/17-6	Lab	LCS, rec	5/26/2017	Organic	2,4-Dinitrophenol	n/a	=	83	%	EPA 625	-88	-88	0.1	191	
2016/17-6	Lab	LCS dup	5/26/2017	Organic	2,4-Dinitrophenol	n/a	=	21	µg/L	EPA 625	1.6	10			
2016/17-6	Lab	LCS dup, rec	5/26/2017	Organic	2,4-Dinitrophenol	n/a	=	84	%	EPA 625	-88	-88	0.1	191	
2016/17-6	Lab	LCS, RPD	5/26/2017	Organic	2,4-Dinitrophenol	n/a	=	1	%	EPA 625	-88	-88	0	30	
2016/17-6	Lab	method blank	5/31/2017	Organic	2,4-Dinitrophenol	n/a	<	1.6	µg/L	EPA 625	1.6	10			
2016/17-6	Lab	LCS	5/31/2017	Organic	2,4-Dinitrophenol	n/a	DNQ	9.51	µg/L	EPA 625	1.6	10			
2016/17-6	Lab	LCS, rec	5/31/2017	Organic	2,4-Dinitrophenol	n/a	=	38	%	EPA 625	-88	-88	0.1	191	
2016/17-6	Lab	LCS dup	5/31/2017	Organic	2,4-Dinitrophenol	n/a	=	14.2	µg/L	EPA 625	1.6	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	
2016/17-6	Lab	LCS dup, rec	5/31/2017	Organic	2,4-Dinitrophenol	n/a	=	57	%	EPA 625	-88	-88	0.1	191	
2016/17-6	Lab	LCS, RPD	5/31/2017	Organic	2,4-Dinitrophenol	n/a	=	40	%	EPA 625	-88	-88	0	30	IL
2016/17-6	Lab	method blank	6/2/2017	Organic	2,4-Dinitrophenol	n/a	<	1	µg/L	EPA 8270C	1	2			
2016/17-6	Lab	LCS	6/2/2017	Organic	2,4-Dinitrophenol	n/a	=	4.3	µg/L	EPA 8270C	1	2			
2016/17-6	Lab	LCS, rec	6/2/2017	Organic	2,4-Dinitrophenol	n/a	=	43	%	EPA 8270C	-88	-88	7	155	
2016/17-6	Lab	LCS dup	6/2/2017	Organic	2,4-Dinitrophenol	n/a	=	4.96	µg/L	EPA 8270C	1	2			
2016/17-6	Lab	LCS dup, rec	6/2/2017	Organic	2,4-Dinitrophenol	n/a	=	50	%	EPA 8270C	-88	-88	7	155	
2016/17-6	Lab	LCS, RPD	6/2/2017	Organic	2,4-Dinitrophenol	n/a	=	14	%	EPA 8270C	-88	-88	0	30	
2016/17-6	Lab	method blank	5/13/2017	Organic	2,4-Dinitrotoluene	n/a	<	0.18	µg/L	EPA 625	0.18	1			
2016/17-6	Lab	LCS	5/13/2017	Organic	2,4-Dinitrotoluene	n/a	=	18.4	µg/L	EPA 625	0.18	1			
2016/17-6	Lab	LCS, rec	5/13/2017	Organic	2,4-Dinitrotoluene	n/a	=	74	%	EPA 625	-88	-88	39	139	
2016/17-6	Lab	LCS dup	5/13/2017	Organic	2,4-Dinitrotoluene	n/a	=	16.8	µg/L	EPA 625	0.18	1			
2016/17-6	Lab	LCS dup, rec	5/13/2017	Organic	2,4-Dinitrotoluene	n/a	=	67	%	EPA 625	-88	-88	39	139	
2016/17-6	Lab	LCS, RPD	5/13/2017	Organic	2,4-Dinitrotoluene	n/a	=	9	%	EPA 625	-88	-88	0	30	
2016/17-6	Lab	method blank	5/26/2017	Organic	2,4-Dinitrotoluene	n/a	<	0.18	µg/L	EPA 625	0.18	1			
2016/17-6	Lab	LCS	5/26/2017	Organic	2,4-Dinitrotoluene	n/a	=	26.3	µg/L	EPA 625	0.18	1			
2016/17-6	Lab	LCS, rec	5/26/2017	Organic	2,4-Dinitrotoluene	n/a	=	105	%	EPA 625	-88	-88	39	139	
2016/17-6	Lab	LCS dup	5/26/2017	Organic	2,4-Dinitrotoluene	n/a	=	26.6	µg/L	EPA 625	0.18	1			
2016/17-6	Lab	LCS dup, rec	5/26/2017	Organic	2,4-Dinitrotoluene	n/a	=	106	%	EPA 625	-88	-88	39	139	
2016/17-6	Lab	LCS, RPD	5/26/2017	Organic	2,4-Dinitrotoluene	n/a	=	1	%	EPA 625	-88	-88	0	30	
2016/17-6	Lab	method blank	5/31/2017	Organic	2,4-Dinitrotoluene	n/a	<	0.18	µg/L	EPA 625	0.18	1			
2016/17-6	Lab	LCS	5/31/2017	Organic	2,4-Dinitrotoluene	n/a	=	23.6	µg/L	EPA 625	0.18	1			
2016/17-6	Lab	LCS, rec	5/31/2017	Organic	2,4-Dinitrotoluene	n/a	=	94	%	EPA 625	-88	-88	39	139	
2016/17-6	Lab	LCS dup	5/31/2017	Organic	2,4-Dinitrotoluene	n/a	=	25.6	µg/L	EPA 625	0.18	1			
2016/17-6	Lab	LCS dup, rec	5/31/2017	Organic	2,4-Dinitrotoluene	n/a	=	102	%	EPA 625	-88	-88	39	139	
2016/17-6	Lab	LCS, RPD	5/31/2017	Organic	2,4-Dinitrotoluene	n/a	=	8	%	EPA 625	-88	-88	0	30	
2016/17-6	Lab	method blank	5/13/2017	Organic	2,6-Dinitrotoluene	n/a	<	0.27	µg/L	EPA 625	0.27	1			
2016/17-6	Lab	LCS	5/13/2017	Organic	2,6-Dinitrotoluene	n/a	=	11.4	µg/L	EPA 625	0.27	1			EUM
2016/17-6	Lab	LCS, rec	5/13/2017	Organic	2,6-Dinitrotoluene	n/a	=	45	%	EPA 625	-88	-88	50	158	EUM
2016/17-6	Lab	LCS dup	5/13/2017	Organic	2,6-Dinitrotoluene	n/a	=	10.5	µg/L	EPA 625	0.27	1			EUM
2016/17-6	Lab	LCS dup, rec	5/13/2017	Organic	2,6-Dinitrotoluene	n/a	=	42	%	EPA 625	-88	-88	50	158	EUM
2016/17-6	Lab	LCS, RPD	5/13/2017	Organic	2,6-Dinitrotoluene	n/a	=	8	%	EPA 625	-88	-88	0	30	EUM
2016/17-6	Lab	method blank	5/26/2017	Organic	2,6-Dinitrotoluene	n/a	<	0.27	µg/L	EPA 625	0.27	1			
2016/17-6	Lab	LCS	5/26/2017	Organic	2,6-Dinitrotoluene	n/a	=	18.2	µg/L	EPA 625	0.27	1			
2016/17-6	Lab	LCS, rec	5/26/2017	Organic	2,6-Dinitrotoluene	n/a	=	73	%	EPA 625	-88	-88	50	158	
2016/17-6	Lab	LCS dup	5/26/2017	Organic	2,6-Dinitrotoluene	n/a	=	18.7	µg/L	EPA 625	0.27	1			
2016/17-6	Lab	LCS dup, rec	5/26/2017	Organic	2,6-Dinitrotoluene	n/a	=	75	%	EPA 625	-88	-88	50	158	
2016/17-6	Lab	LCS, RPD	5/26/2017	Organic	2,6-Dinitrotoluene	n/a	=	3	%	EPA 625	-88	-88	0	30	
2016/17-6	Lab	method blank	5/31/2017	Organic	2,6-Dinitrotoluene	n/a	<	0.27	µg/L	EPA 625	0.27	1			
2016/17-6	Lab	LCS	5/31/2017	Organic	2,6-Dinitrotoluene	n/a	=	16.2	µg/L	EPA 625	0.27	1			
2016/17-6	Lab	LCS, rec	5/31/2017	Organic	2,6-Dinitrotoluene	n/a	=	65	%	EPA 625	-88	-88	50	158	
2016/17-6	Lab	LCS dup	5/31/2017	Organic	2,6-Dinitrotoluene	n/a	=	17.7	µg/L	EPA 625	0.27	1			
2016/17-6	Lab	LCS dup, rec	5/31/2017	Organic	2,6-Dinitrotoluene	n/a	=	71	%	EPA 625	-88	-88	50	158	
2016/17-6	Lab	LCS, RPD	5/31/2017	Organic	2,6-Dinitrotoluene	n/a	=	9	%	EPA 625	-88	-88	0	30	
2016/17-6	Lab	LCS	5/9/2017	Organic	2-Chloroethyl vinyl ether	n/a	=	60.3	µg/L	EPA 624	0.28	1			
2016/17-6	Lab	LCS, rec	5/9/2017	Organic	2-Chloroethyl vinyl ether	n/a	=	121	%	EPA 624	-88	-88	0.1	305	
2016/17-6	Lab	LCS dup	5/9/2017	Organic	2-Chloroethyl vinyl ether	n/a	=	66.5	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	
2016/17-6	Lab	LCS dup, rec	5/9/2017	Organic	2-Chloroethyl vinyl ether	n/a	=	133	%	EPA 624	-88	-88	0.1	305	
2016/17-6	Lab	LCS, RPD	5/9/2017	Organic	2-Chloroethyl vinyl ether	n/a	=	10	%	EPA 624	-88	-88	0	25	
2016/17-6	Lab	method blank	5/9/2017	Organic	2-Chloroethyl vinyl ether	n/a	<	0.28	µg/L	EPA 624	0.28	1			
2016/17-6	Lab	LCS	5/24/2017	Organic	2-Chloroethyl vinyl ether	n/a	=	58.6	µg/L	EPA 624	0.28	1			
2016/17-6	Lab	LCS, rec	5/24/2017	Organic	2-Chloroethyl vinyl ether	n/a	=	117	%	EPA 624	-88	-88	0.1	305	
2016/17-6	Lab	LCS dup	5/24/2017	Organic	2-Chloroethyl vinyl ether	n/a	=	55	µg/L	EPA 624	0.28	1			
2016/17-6	Lab	LCS dup, rec	5/24/2017	Organic	2-Chloroethyl vinyl ether	n/a	=	110	%	EPA 624	-88	-88	0.1	305	
2016/17-6	Lab	LCS, RPD	5/24/2017	Organic	2-Chloroethyl vinyl ether	n/a	=	6	%	EPA 624	-88	-88	0	25	
2016/17-6	Lab	method blank	5/24/2017	Organic	2-Chloroethyl vinyl ether	n/a	<	0.28	µg/L	EPA 624	0.28	1			
2016/17-6	ME-CC	matrix spike	5/25/2017	Organic	2-Chloroethyl vinyl ether	n/a	=	42.2	µg/L	EPA 624	0.28	1			
2016/17-6	ME-CC	matrix spike, rec	5/25/2017	Organic	2-Chloroethyl vinyl ether	n/a	=	84	%	EPA 624	-88	-88	0.1	305	
2016/17-6	ME-CC	matrix spike dup	5/25/2017	Organic	2-Chloroethyl vinyl ether	n/a	=	48.8	µg/L	EPA 624	0.28	1			
2016/17-6	ME-CC	matrix spike dup, rec	5/25/2017	Organic	2-Chloroethyl vinyl ether	n/a	=	98	%	EPA 624	-88	-88	0.1	305	
2016/17-6	ME-CC	matrix spike, RPD	5/25/2017	Organic	2-Chloroethyl vinyl ether	n/a	=	14	%	EPA 624	-88	-88	0	25	
2016/17-6	ME-SCR	matrix spike	5/10/2017	Organic	2-Chloroethyl vinyl ether	n/a	=	53.8	µg/L	EPA 624	0.28	1			
2016/17-6	ME-SCR	matrix spike, rec	5/10/2017	Organic	2-Chloroethyl vinyl ether	n/a	=	108	%	EPA 624	-88	-88	0.1	305	
2016/17-6	ME-SCR	matrix spike dup	5/10/2017	Organic	2-Chloroethyl vinyl ether	n/a	=	62.2	µg/L	EPA 624	0.28	1			
2016/17-6	ME-SCR	matrix spike dup, rec	5/10/2017	Organic	2-Chloroethyl vinyl ether	n/a	=	124	%	EPA 624	-88	-88	0.1	305	
2016/17-6	ME-SCR	matrix spike, RPD	5/10/2017	Organic	2-Chloroethyl vinyl ether	n/a	=	15	%	EPA 624	-88	-88	0	25	
2016/17-6	Lab	method blank	5/13/2017	Organic	2-Chloronaphthalene	n/a	<	0.45	µg/L	EPA 625	0.45	1			
2016/17-6	Lab	LCS	5/13/2017	Organic	2-Chloronaphthalene	n/a	=	19	µg/L	EPA 625	0.45	1			
2016/17-6	Lab	LCS, rec	5/13/2017	Organic	2-Chloronaphthalene	n/a	=	76	%	EPA 625	-88	-88	60	118	
2016/17-6	Lab	LCS dup	5/13/2017	Organic	2-Chloronaphthalene	n/a	=	18	µg/L	EPA 625	0.45	1			
2016/17-6	Lab	LCS dup, rec	5/13/2017	Organic	2-Chloronaphthalene	n/a	=	72	%	EPA 625	-88	-88	60	118	
2016/17-6	Lab	LCS, RPD	5/13/2017	Organic	2-Chloronaphthalene	n/a	=	6	%	EPA 625	-88	-88	0	30	
2016/17-6	Lab	method blank	5/26/2017	Organic	2-Chloronaphthalene	n/a	<	0.38	µg/L	EPA 625	0.38	1			
2016/17-6	Lab	LCS	5/26/2017	Organic	2-Chloronaphthalene	n/a	=	20.7	µg/L	EPA 625	0.38	1			
2016/17-6	Lab	LCS, rec	5/26/2017	Organic	2-Chloronaphthalene	n/a	=	83	%	EPA 625	-88	-88	60	118	
2016/17-6	Lab	LCS dup	5/26/2017	Organic	2-Chloronaphthalene	n/a	=	19.7	µg/L	EPA 625	0.38	1			
2016/17-6	Lab	LCS dup, rec	5/26/2017	Organic	2-Chloronaphthalene	n/a	=	79	%	EPA 625	-88	-88	60	118	
2016/17-6	Lab	LCS, RPD	5/26/2017	Organic	2-Chloronaphthalene	n/a	=	5	%	EPA 625	-88	-88	0	30	
2016/17-6	Lab	method blank	5/31/2017	Organic	2-Chloronaphthalene	n/a	<	0.38	µg/L	EPA 625	0.38	1			
2016/17-6	Lab	LCS	5/31/2017	Organic	2-Chloronaphthalene	n/a	=	18.2	µg/L	EPA 625	0.38	1			
2016/17-6	Lab	LCS, rec	5/31/2017	Organic	2-Chloronaphthalene	n/a	=	73	%	EPA 625	-88	-88	60	118	
2016/17-6	Lab	LCS dup	5/31/2017	Organic	2-Chloronaphthalene	n/a	=	18	µg/L	EPA 625	0.38	1			
2016/17-6	Lab	LCS dup, rec	5/31/2017	Organic	2-Chloronaphthalene	n/a	=	72	%	EPA 625	-88	-88	60	118	
2016/17-6	Lab	LCS, RPD	5/31/2017	Organic	2-Chloronaphthalene	n/a	=	0.7	%	EPA 625	-88	-88	0	30	
2016/17-6	Lab	method blank	5/13/2017	Organic	2-Chlorophenol	n/a	<	0.28	µg/L	EPA 625	0.28	1			
2016/17-6	Lab	LCS	5/13/2017	Organic	2-Chlorophenol	n/a	=	16.5	µg/L	EPA 625	0.28	1			
2016/17-6	Lab	LCS, rec	5/13/2017	Organic	2-Chlorophenol	n/a	=	66	%	EPA 625	-88	-88	23	134	
2016/17-6	Lab	LCS dup	5/13/2017	Organic	2-Chlorophenol	n/a	=	15	µg/L	EPA 625	0.28	1			
2016/17-6	Lab	LCS dup, rec	5/13/2017	Organic	2-Chlorophenol	n/a	=	60	%	EPA 625	-88	-88	23	134	
2016/17-6	Lab	LCS, RPD	5/13/2017	Organic	2-Chlorophenol	n/a	=	9	%	EPA 625	-88	-88	0	30	
2016/17-6	Lab	method blank	5/23/2017	Organic	2-Chlorophenol	n/a	<	0.65	µg/L	EPA 8270C	0.65	1			
2016/17-6	Lab	LCS	5/23/2017	Organic	2-Chlorophenol	n/a	=	6.02	µg/L	EPA 8270C	0.65	1			
2016/17-6	Lab	LCS, rec	5/23/2017	Organic	2-Chlorophenol	n/a	=	60	%	EPA 8270C	-88	-88	27	90	
2016/17-6	Lab	LCS dup	5/23/2017	Organic	2-Chlorophenol	n/a	=	6.92	µg/L	EPA 8270C	0.65	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	
2016/17-6	Lab	LCS dup, rec	5/23/2017	Organic	2-Chlorophenol	n/a	=	69	%	EPA 8270C	-88	-88	27	90	
2016/17-6	Lab	LCS, RPD	5/23/2017	Organic	2-Chlorophenol	n/a	=	14	%	EPA 8270C	-88	-88	0	30	
2016/17-6	Lab	method blank	5/23/2017	Organic	2-Chlorophenol	n/a	<	0.65	µg/L	EPA 8270C	0.65	1			
2016/17-6	Lab	LCS	5/23/2017	Organic	2-Chlorophenol	n/a	=	5.74	µg/L	EPA 8270C	0.65	1			
2016/17-6	Lab	LCS, rec	5/23/2017	Organic	2-Chlorophenol	n/a	=	57	%	EPA 8270C	-88	-88	27	90	
2016/17-6	Lab	LCS dup	5/23/2017	Organic	2-Chlorophenol	n/a	=	6.05	µg/L	EPA 8270C	0.65	1			
2016/17-6	Lab	LCS dup, rec	5/23/2017	Organic	2-Chlorophenol	n/a	=	60	%	EPA 8270C	-88	-88	27	90	
2016/17-6	Lab	LCS, RPD	5/23/2017	Organic	2-Chlorophenol	n/a	=	5	%	EPA 8270C	-88	-88	0	30	
2016/17-6	Lab	method blank	5/26/2017	Organic	2-Chlorophenol	n/a	<	0.28	µg/L	EPA 625	0.28	1			
2016/17-6	Lab	LCS	5/26/2017	Organic	2-Chlorophenol	n/a	=	18.4	µg/L	EPA 625	0.28	1			
2016/17-6	Lab	LCS, rec	5/26/2017	Organic	2-Chlorophenol	n/a	=	74	%	EPA 625	-88	-88	23	134	
2016/17-6	Lab	LCS dup	5/26/2017	Organic	2-Chlorophenol	n/a	=	18	µg/L	EPA 625	0.28	1			
2016/17-6	Lab	LCS dup, rec	5/26/2017	Organic	2-Chlorophenol	n/a	=	72	%	EPA 625	-88	-88	23	134	
2016/17-6	Lab	LCS, RPD	5/26/2017	Organic	2-Chlorophenol	n/a	=	2	%	EPA 625	-88	-88	0	30	
2016/17-6	Lab	method blank	5/31/2017	Organic	2-Chlorophenol	n/a	<	0.28	µg/L	EPA 625	0.28	1			
2016/17-6	Lab	LCS	5/31/2017	Organic	2-Chlorophenol	n/a	=	15.9	µg/L	EPA 625	0.28	1			
2016/17-6	Lab	LCS, rec	5/31/2017	Organic	2-Chlorophenol	n/a	=	64	%	EPA 625	-88	-88	23	134	
2016/17-6	Lab	LCS dup	5/31/2017	Organic	2-Chlorophenol	n/a	=	16.6	µg/L	EPA 625	0.28	1			
2016/17-6	Lab	LCS dup, rec	5/31/2017	Organic	2-Chlorophenol	n/a	=	67	%	EPA 625	-88	-88	23	134	
2016/17-6	Lab	LCS, RPD	5/31/2017	Organic	2-Chlorophenol	n/a	=	5	%	EPA 625	-88	-88	0	30	
2016/17-6	Lab	method blank	6/2/2017	Organic	2-Chlorophenol	n/a	<	0.65	µg/L	EPA 8270C	0.65	1			
2016/17-6	Lab	LCS	6/2/2017	Organic	2-Chlorophenol	n/a	=	5.04	µg/L	EPA 8270C	0.65	1			
2016/17-6	Lab	LCS, rec	6/2/2017	Organic	2-Chlorophenol	n/a	=	50	%	EPA 8270C	-88	-88	27	90	
2016/17-6	Lab	LCS dup	6/2/2017	Organic	2-Chlorophenol	n/a	=	5.21	µg/L	EPA 8270C	0.65	1			
2016/17-6	Lab	LCS dup, rec	6/2/2017	Organic	2-Chlorophenol	n/a	=	52	%	EPA 8270C	-88	-88	27	90	
2016/17-6	Lab	LCS, RPD	6/2/2017	Organic	2-Chlorophenol	n/a	=	3	%	EPA 8270C	-88	-88	0	30	
2016/17-6	Lab	srgt method blank	5/13/2017	Organic	2-Fluorobiphenyl	n/a	=	16.6	µg/L	EPA 625	-88	-88			
2016/17-6	Lab	srgt method blank, rec	5/13/2017	Organic	2-Fluorobiphenyl	n/a	=	66	%	EPA 625	-88	-88	22	107	
2016/17-6	Lab	srgt LCS	5/13/2017	Organic	2-Fluorobiphenyl	n/a	=	18	µg/L	EPA 625	-88	-88			
2016/17-6	Lab	srgt LCS, rec	5/13/2017	Organic	2-Fluorobiphenyl	n/a	=	72	%	EPA 625	-88	-88	22	107	
2016/17-6	Lab	srgt LCS dup	5/13/2017	Organic	2-Fluorobiphenyl	n/a	=	17.1	µg/L	EPA 625	-88	-88			
2016/17-6	Lab	srgt LCS dup, rec	5/13/2017	Organic	2-Fluorobiphenyl	n/a	=	69	%	EPA 625	-88	-88	22	107	
2016/17-6	Lab	srgt method blank	5/17/2017	Organic	2-Fluorobiphenyl	n/a	=	2.75	µg/L	EPA 8270C	-88	-88			
2016/17-6	Lab	srgt method blank, rec	5/17/2017	Organic	2-Fluorobiphenyl	n/a	=	55	%	EPA 8270C	-88	-88	51	139	
2016/17-6	Lab	srgt LCS	5/17/2017	Organic	2-Fluorobiphenyl	n/a	=	3.07	µg/L	EPA 8270C	-88	-88			
2016/17-6	Lab	srgt LCS, rec	5/17/2017	Organic	2-Fluorobiphenyl	n/a	=	61	%	EPA 8270C	-88	-88	51	139	
2016/17-6	Lab	srgt LCS dup	5/17/2017	Organic	2-Fluorobiphenyl	n/a	=	3.4	µg/L	EPA 8270C	-88	-88			
2016/17-6	Lab	srgt LCS dup, rec	5/17/2017	Organic	2-Fluorobiphenyl	n/a	=	68	%	EPA 8270C	-88	-88	51	139	
2016/17-6	Lab	srgt method blank	5/24/2017	Organic	2-Fluorobiphenyl	n/a	=	2.68	µg/L	EPA 8270C	-88	-88			
2016/17-6	Lab	srgt method blank, rec	5/24/2017	Organic	2-Fluorobiphenyl	n/a	=	54	%	EPA 8270C	-88	-88	51	139	
2016/17-6	Lab	srgt LCS	5/24/2017	Organic	2-Fluorobiphenyl	n/a	=	2.59	µg/L	EPA 8270C	-88	-88			
2016/17-6	Lab	srgt LCS, rec	5/24/2017	Organic	2-Fluorobiphenyl	n/a	=	52	%	EPA 8270C	-88	-88	51	139	
2016/17-6	Lab	srgt LCS dup	5/24/2017	Organic	2-Fluorobiphenyl	n/a	=	2.93	µg/L	EPA 8270C	-88	-88			
2016/17-6	Lab	srgt LCS dup, rec	5/24/2017	Organic	2-Fluorobiphenyl	n/a	=	59	%	EPA 8270C	-88	-88	51	139	
2016/17-6	Lab	srgt method blank	5/26/2017	Organic	2-Fluorobiphenyl	n/a	=	17.9	µg/L	EPA 625	-88	-88			
2016/17-6	Lab	srgt method blank, rec	5/26/2017	Organic	2-Fluorobiphenyl	n/a	=	71	%	EPA 625	-88	-88	22	107	
2016/17-6	Lab	srgt LCS	5/26/2017	Organic	2-Fluorobiphenyl	n/a	=	18.5	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	
2016/17-6	Lab	srgt LCS, rec	5/26/2017	Organic	2-Fluorobiphenyl	n/a	=	74	%	EPA 625	-88	-88	22	107	
2016/17-6	Lab	srgt LCS dup	5/26/2017	Organic	2-Fluorobiphenyl	n/a	=	18.2	µg/L	EPA 625	-88	-88			
2016/17-6	Lab	srgt LCS dup, rec	5/26/2017	Organic	2-Fluorobiphenyl	n/a	=	73	%	EPA 625	-88	-88	22	107	
2016/17-6	Lab	srgt method blank	5/31/2017	Organic	2-Fluorobiphenyl	n/a	=	13.8	µg/L	EPA 625	-88	-88			
2016/17-6	Lab	srgt method blank, rec	5/31/2017	Organic	2-Fluorobiphenyl	n/a	=	55	%	EPA 625	-88	-88	22	107	
2016/17-6	Lab	srgt LCS	5/31/2017	Organic	2-Fluorobiphenyl	n/a	=	16	µg/L	EPA 625	-88	-88			
2016/17-6	Lab	srgt LCS, rec	5/31/2017	Organic	2-Fluorobiphenyl	n/a	=	64	%	EPA 625	-88	-88	22	107	
2016/17-6	Lab	srgt LCS dup	5/31/2017	Organic	2-Fluorobiphenyl	n/a	=	15.9	µg/L	EPA 625	-88	-88			
2016/17-6	Lab	srgt LCS dup, rec	5/31/2017	Organic	2-Fluorobiphenyl	n/a	=	64	%	EPA 625	-88	-88	22	107	
2016/17-6	Lab	srgt method blank	6/2/2017	Organic	2-Fluorobiphenyl	n/a	=	2.63	µg/L	EPA 8270C	-88	-88			
2016/17-6	Lab	srgt method blank, rec	6/2/2017	Organic	2-Fluorobiphenyl	n/a	=	53	%	EPA 8270C	-88	-88	51	139	
2016/17-6	Lab	srgt LCS	6/2/2017	Organic	2-Fluorobiphenyl	n/a	=	2.54	µg/L	EPA 8270C	-88	-88			
2016/17-6	Lab	srgt LCS, rec	6/2/2017	Organic	2-Fluorobiphenyl	n/a	=	51	%	EPA 8270C	-88	-88	51	139	
2016/17-6	Lab	srgt LCS dup	6/2/2017	Organic	2-Fluorobiphenyl	n/a	=	2.64	µg/L	EPA 8270C	-88	-88			
2016/17-6	Lab	srgt LCS dup, rec	6/2/2017	Organic	2-Fluorobiphenyl	n/a	=	53	%	EPA 8270C	-88	-88	51	139	
2016/17-6	ME-CC	srgt environ	5/24/2017	Organic	2-Fluorobiphenyl	n/a	=	2.89	µg/L	EPA 8270C	-88	-88			
2016/17-6	ME-CC	srgt environ, rec	5/24/2017	Organic	2-Fluorobiphenyl	n/a	=	58	%	EPA 8270C	-88	-88	51	139	
2016/17-6	ME-CC	srgt environ	5/26/2017	Organic	2-Fluorobiphenyl	n/a	=	17.3	µg/L	EPA 625	-88	-88			
2016/17-6	ME-CC	srgt environ, rec	5/26/2017	Organic	2-Fluorobiphenyl	n/a	=	69	%	EPA 625	-88	-88	22	107	
2016/17-6	ME-SCR	srgt environ	5/13/2017	Organic	2-Fluorobiphenyl	n/a	=	18.9	µg/L	EPA 625	-88	-88			
2016/17-6	ME-SCR	srgt environ, rec	5/13/2017	Organic	2-Fluorobiphenyl	n/a	=	76	%	EPA 625	-88	-88	22	107	
2016/17-6	ME-SCR	srgt environ	5/17/2017	Organic	2-Fluorobiphenyl	n/a	=	3.32	µg/L	EPA 8270C	-88	-88			
2016/17-6	ME-SCR	srgt environ, rec	5/17/2017	Organic	2-Fluorobiphenyl	n/a	=	66	%	EPA 8270C	-88	-88	51	139	
2016/17-6	ME-VR2	srgt environ	5/31/2017	Organic	2-Fluorobiphenyl	n/a	=	16.6	µg/L	EPA 625	-88	-88			
2016/17-6	ME-VR2	srgt environ, rec	5/31/2017	Organic	2-Fluorobiphenyl	n/a	=	67	%	EPA 625	-88	-88	22	107	
2016/17-6	ME-VR2	srgt environ	6/2/2017	Organic	2-Fluorobiphenyl	n/a	=	2.84	µg/L	EPA 8270C	-88	-88			
2016/17-6	ME-VR2	srgt environ, rec	6/2/2017	Organic	2-Fluorobiphenyl	n/a	=	57	%	EPA 8270C	-88	-88	51	139	
2016/17-6	MO-CAM	srgt environ	5/24/2017	Organic	2-Fluorobiphenyl	n/a	=	1.84	µg/L	EPA 8270C	-88	-88			GN
2016/17-6	MO-CAM	srgt environ, rec	5/24/2017	Organic	2-Fluorobiphenyl	n/a	=	37	%	EPA 8270C	-88	-88	51	139	GN
2016/17-6	MO-CAM	srgt environ	5/26/2017	Organic	2-Fluorobiphenyl	n/a	=	17.3	µg/L	EPA 625	-88	-88			
2016/17-6	MO-CAM	srgt environ, rec	5/26/2017	Organic	2-Fluorobiphenyl	n/a	=	69	%	EPA 625	-88	-88	22	107	
2016/17-6	MO-FIL	srgt environ	5/13/2017	Organic	2-Fluorobiphenyl	n/a	=	17	µg/L	EPA 625	-88	-88			
2016/17-6	MO-FIL	srgt environ, rec	5/13/2017	Organic	2-Fluorobiphenyl	n/a	=	68	%	EPA 625	-88	-88	22	107	
2016/17-6	MO-FIL	srgt environ	5/17/2017	Organic	2-Fluorobiphenyl	n/a	=	3.14	µg/L	EPA 8270C	-88	-88			
2016/17-6	MO-FIL	srgt environ, rec	5/17/2017	Organic	2-Fluorobiphenyl	n/a	=	63	%	EPA 8270C	-88	-88	51	139	
2016/17-6	MO-HUE	srgt environ	5/31/2017	Organic	2-Fluorobiphenyl	n/a	=	13.4	µg/L	EPA 625	-88	-88			
2016/17-6	MO-HUE	srgt environ, rec	5/31/2017	Organic	2-Fluorobiphenyl	n/a	=	53	%	EPA 625	-88	-88	22	107	
2016/17-6	MO-HUE	srgt environ	6/2/2017	Organic	2-Fluorobiphenyl	n/a	=	2.58	µg/L	EPA 8270C	-88	-88			
2016/17-6	MO-HUE	srgt environ, rec	6/2/2017	Organic	2-Fluorobiphenyl	n/a	=	52	%	EPA 8270C	-88	-88	51	139	
2016/17-6	MO-MPK	srgt environ	5/24/2017	Organic	2-Fluorobiphenyl	n/a	=	1.89	µg/L	EPA 8270C	-88	-88			GN
2016/17-6	MO-MPK	srgt environ, rec	5/24/2017	Organic	2-Fluorobiphenyl	n/a	=	38	%	EPA 8270C	-88	-88	51	139	GN
2016/17-6	MO-MPK	srgt environ	5/26/2017	Organic	2-Fluorobiphenyl	n/a	=	12.1	µg/L	EPA 625	-88	-88			
2016/17-6	MO-MPK	srgt environ, rec	5/26/2017	Organic	2-Fluorobiphenyl	n/a	=	49	%	EPA 625	-88	-88	22	107	
2016/17-6	MO-OJA	srgt environ	5/31/2017	Organic	2-Fluorobiphenyl	n/a	=	13.1	µg/L	EPA 625	-88	-88			
2016/17-6	MO-OJA	srgt environ, rec	5/31/2017	Organic	2-Fluorobiphenyl	n/a	=	53	%	EPA 625	-88	-88	22	107	
2016/17-6	MO-OJA	srgt environ	6/2/2017	Organic	2-Fluorobiphenyl	n/a	=	2.17	µg/L	EPA 8270C	-88	-88			GN
2016/17-6	MO-OJA	srgt environ, rec	6/2/2017	Organic	2-Fluorobiphenyl	n/a	=	43	%	EPA 8270C	-88	-88	51	139	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	
2016/17-6	MO-SIM	srgt environ	5/24/2017	Organic	2-Fluorobiphenyl	n/a	=	2.78	µg/L	EPA 8270C	-88	-88			
2016/17-6	MO-SIM	srgt environ, rec	5/24/2017	Organic	2-Fluorobiphenyl	n/a	=	56	%	EPA 8270C	-88	-88	51	139	
2016/17-6	MO-SIM	srgt environ	5/26/2017	Organic	2-Fluorobiphenyl	n/a	=	16.1	µg/L	EPA 625	-88	-88			
2016/17-6	MO-SIM	srgt environ, rec	5/26/2017	Organic	2-Fluorobiphenyl	n/a	=	64	%	EPA 625	-88	-88	22	107	
2016/17-6	MO-THO	srgt environ	5/24/2017	Organic	2-Fluorobiphenyl	n/a	=	2.52	µg/L	EPA 8270C	-88	-88			GN
2016/17-6	MO-THO	srgt environ, rec	5/24/2017	Organic	2-Fluorobiphenyl	n/a	=	50	%	EPA 8270C	-88	-88	51	139	GN
2016/17-6	MO-THO	srgt environ	5/26/2017	Organic	2-Fluorobiphenyl	n/a	=	17.5	µg/L	EPA 625	-88	-88			
2016/17-6	MO-THO	srgt environ, rec	5/26/2017	Organic	2-Fluorobiphenyl	n/a	=	70	%	EPA 625	-88	-88	22	107	
2016/17-6	MO-VEN	srgt environ	5/13/2017	Organic	2-Fluorobiphenyl	n/a	=	12.9	µg/L	EPA 625	-88	-88			
2016/17-6	MO-VEN	srgt environ, rec	5/13/2017	Organic	2-Fluorobiphenyl	n/a	=	51	%	EPA 625	-88	-88	22	107	
2016/17-6	MO-VEN	srgt environ	5/17/2017	Organic	2-Fluorobiphenyl	n/a	=	2.79	µg/L	EPA 8270C	-88	-88			
2016/17-6	MO-VEN	srgt environ, rec	5/17/2017	Organic	2-Fluorobiphenyl	n/a	=	56	%	EPA 8270C	-88	-88	51	139	
2016/17-6	Lab	srgt method blank	5/13/2017	Organic	2-Fluorophenol	n/a	=	21.9	µg/L	EPA 625	-88	-88			
2016/17-6	Lab	srgt method blank, rec	5/13/2017	Organic	2-Fluorophenol	n/a	=	44	%	EPA 625	-88	-88	3	74	
2016/17-6	Lab	srgt LCS	5/13/2017	Organic	2-Fluorophenol	n/a	=	20.7	µg/L	EPA 625	-88	-88			
2016/17-6	Lab	srgt LCS, rec	5/13/2017	Organic	2-Fluorophenol	n/a	=	41	%	EPA 625	-88	-88	3	74	
2016/17-6	Lab	srgt LCS dup	5/13/2017	Organic	2-Fluorophenol	n/a	=	18.5	µg/L	EPA 625	-88	-88			
2016/17-6	Lab	srgt LCS dup, rec	5/13/2017	Organic	2-Fluorophenol	n/a	=	37	%	EPA 625	-88	-88	3	74	
2016/17-6	Lab	srgt method blank	5/23/2017	Organic	2-Fluorophenol	n/a	=	3.5	µg/L	EPA 8270C	-88	-88			
2016/17-6	Lab	srgt method blank, rec	5/23/2017	Organic	2-Fluorophenol	n/a	=	35	%	EPA 8270C	-88	-88	11	62	
2016/17-6	Lab	srgt LCS	5/23/2017	Organic	2-Fluorophenol	n/a	=	3.22	µg/L	EPA 8270C	-88	-88			
2016/17-6	Lab	srgt LCS, rec	5/23/2017	Organic	2-Fluorophenol	n/a	=	32	%	EPA 8270C	-88	-88	11	62	
2016/17-6	Lab	srgt LCS dup	5/23/2017	Organic	2-Fluorophenol	n/a	=	3.71	µg/L	EPA 8270C	-88	-88			
2016/17-6	Lab	srgt LCS dup, rec	5/23/2017	Organic	2-Fluorophenol	n/a	=	37	%	EPA 8270C	-88	-88	11	62	
2016/17-6	Lab	srgt method blank	5/23/2017	Organic	2-Fluorophenol	n/a	=	3.47	µg/L	EPA 8270C	-88	-88			
2016/17-6	Lab	srgt method blank, rec	5/23/2017	Organic	2-Fluorophenol	n/a	=	35	%	EPA 8270C	-88	-88	11	62	
2016/17-6	Lab	srgt LCS	5/23/2017	Organic	2-Fluorophenol	n/a	=	3.16	µg/L	EPA 8270C	-88	-88			
2016/17-6	Lab	srgt LCS, rec	5/23/2017	Organic	2-Fluorophenol	n/a	=	32	%	EPA 8270C	-88	-88	11	62	
2016/17-6	Lab	srgt LCS dup	5/23/2017	Organic	2-Fluorophenol	n/a	=	3.27	µg/L	EPA 8270C	-88	-88			
2016/17-6	Lab	srgt LCS dup, rec	5/23/2017	Organic	2-Fluorophenol	n/a	=	33	%	EPA 8270C	-88	-88	11	62	
2016/17-6	Lab	srgt method blank	5/26/2017	Organic	2-Fluorophenol	n/a	=	22.5	µg/L	EPA 625	-88	-88			
2016/17-6	Lab	srgt method blank, rec	5/26/2017	Organic	2-Fluorophenol	n/a	=	45	%	EPA 625	-88	-88	3	74	
2016/17-6	Lab	srgt LCS	5/26/2017	Organic	2-Fluorophenol	n/a	=	22.2	µg/L	EPA 625	-88	-88			
2016/17-6	Lab	srgt LCS, rec	5/26/2017	Organic	2-Fluorophenol	n/a	=	44	%	EPA 625	-88	-88	3	74	
2016/17-6	Lab	srgt LCS dup	5/26/2017	Organic	2-Fluorophenol	n/a	=	21	µg/L	EPA 625	-88	-88			
2016/17-6	Lab	srgt LCS dup, rec	5/26/2017	Organic	2-Fluorophenol	n/a	=	42	%	EPA 625	-88	-88	3	74	
2016/17-6	Lab	srgt method blank	5/31/2017	Organic	2-Fluorophenol	n/a	=	19.3	µg/L	EPA 625	-88	-88			
2016/17-6	Lab	srgt method blank, rec	5/31/2017	Organic	2-Fluorophenol	n/a	=	39	%	EPA 625	-88	-88	3	74	
2016/17-6	Lab	srgt LCS	5/31/2017	Organic	2-Fluorophenol	n/a	=	20.2	µg/L	EPA 625	-88	-88			
2016/17-6	Lab	srgt LCS, rec	5/31/2017	Organic	2-Fluorophenol	n/a	=	40	%	EPA 625	-88	-88	3	74	
2016/17-6	Lab	srgt LCS dup	5/31/2017	Organic	2-Fluorophenol	n/a	=	20.6	µg/L	EPA 625	-88	-88			
2016/17-6	Lab	srgt LCS dup, rec	5/31/2017	Organic	2-Fluorophenol	n/a	=	41	%	EPA 625	-88	-88	3	74	
2016/17-6	Lab	srgt method blank	6/2/2017	Organic	2-Fluorophenol	n/a	=	3.36	µg/L	EPA 8270C	-88	-88			
2016/17-6	Lab	srgt method blank, rec	6/2/2017	Organic	2-Fluorophenol	n/a	=	34	%	EPA 8270C	-88	-88	11	62	
2016/17-6	Lab	srgt LCS	6/2/2017	Organic	2-Fluorophenol	n/a	=	2.97	µg/L	EPA 8270C	-88	-88			
2016/17-6	Lab	srgt LCS, rec	6/2/2017	Organic	2-Fluorophenol	n/a	=	30	%	EPA 8270C	-88	-88	11	62	
2016/17-6	Lab	srgt LCS dup	6/2/2017	Organic	2-Fluorophenol	n/a	=	2.97	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	
2016/17-6	Lab	srgt LCS dup, rec	6/2/2017	Organic	2-Fluorophenol	n/a	=	30	%	EPA 8270C	-88	-88	11	62	
2016/17-6	ME-CC	srgt environ	5/24/2017	Organic	2-Fluorophenol	n/a	=	3.19	µg/L	EPA 8270C	-88	-88			
2016/17-6	ME-CC	srgt environ, rec	5/24/2017	Organic	2-Fluorophenol	n/a	=	32	%	EPA 8270C	-88	-88	11	62	
2016/17-6	ME-CC	srgt environ	5/26/2017	Organic	2-Fluorophenol	n/a	=	16.8	µg/L	EPA 625	-88	-88			
2016/17-6	ME-CC	srgt environ, rec	5/26/2017	Organic	2-Fluorophenol	n/a	=	34	%	EPA 625	-88	-88	3	74	
2016/17-6	ME-SCR	srgt environ	5/13/2017	Organic	2-Fluorophenol	n/a	=	22.8	µg/L	EPA 625	-88	-88			
2016/17-6	ME-SCR	srgt environ, rec	5/13/2017	Organic	2-Fluorophenol	n/a	=	46	%	EPA 625	-88	-88	3	74	
2016/17-6	ME-SCR	srgt environ	5/23/2017	Organic	2-Fluorophenol	n/a	=	4.26	µg/L	EPA 8270C	-88	-88			
2016/17-6	ME-SCR	srgt environ, rec	5/23/2017	Organic	2-Fluorophenol	n/a	=	43	%	EPA 8270C	-88	-88	11	62	
2016/17-6	ME-VR2	srgt environ	5/31/2017	Organic	2-Fluorophenol	n/a	=	20.7	µg/L	EPA 625	-88	-88			
2016/17-6	ME-VR2	srgt environ, rec	5/31/2017	Organic	2-Fluorophenol	n/a	=	41	%	EPA 625	-88	-88	3	74	
2016/17-6	ME-VR2	srgt environ	6/2/2017	Organic	2-Fluorophenol	n/a	=	3.32	µg/L	EPA 8270C	-88	-88			
2016/17-6	ME-VR2	srgt environ, rec	6/2/2017	Organic	2-Fluorophenol	n/a	=	33	%	EPA 8270C	-88	-88	11	62	
2016/17-6	MO-CAM	srgt environ	5/24/2017	Organic	2-Fluorophenol	n/a	=	2.64	µg/L	EPA 8270C	-88	-88			
2016/17-6	MO-CAM	srgt environ, rec	5/24/2017	Organic	2-Fluorophenol	n/a	=	26	%	EPA 8270C	-88	-88	11	62	
2016/17-6	MO-CAM	srgt environ	5/26/2017	Organic	2-Fluorophenol	n/a	=	16.8	µg/L	EPA 625	-88	-88			
2016/17-6	MO-CAM	srgt environ, rec	5/26/2017	Organic	2-Fluorophenol	n/a	=	34	%	EPA 625	-88	-88	3	74	
2016/17-6	MO-FIL	srgt environ	5/13/2017	Organic	2-Fluorophenol	n/a	=	20.5	µg/L	EPA 625	-88	-88			
2016/17-6	MO-FIL	srgt environ, rec	5/13/2017	Organic	2-Fluorophenol	n/a	=	41	%	EPA 625	-88	-88	3	74	
2016/17-6	MO-FIL	srgt environ	5/23/2017	Organic	2-Fluorophenol	n/a	=	4.03	µg/L	EPA 8270C	-88	-88			
2016/17-6	MO-FIL	srgt environ, rec	5/23/2017	Organic	2-Fluorophenol	n/a	=	40	%	EPA 8270C	-88	-88	11	62	
2016/17-6	MO-HUE	srgt environ	5/31/2017	Organic	2-Fluorophenol	n/a	=	19.3	µg/L	EPA 625	-88	-88			
2016/17-6	MO-HUE	srgt environ, rec	5/31/2017	Organic	2-Fluorophenol	n/a	=	39	%	EPA 625	-88	-88	3	74	
2016/17-6	MO-HUE	srgt environ	6/2/2017	Organic	2-Fluorophenol	n/a	=	2.95	µg/L	EPA 8270C	-88	-88			
2016/17-6	MO-HUE	srgt environ, rec	6/2/2017	Organic	2-Fluorophenol	n/a	=	30	%	EPA 8270C	-88	-88	11	62	
2016/17-6	MO-MPK	srgt environ	5/24/2017	Organic	2-Fluorophenol	n/a	=	2.95	µg/L	EPA 8270C	-88	-88			
2016/17-6	MO-MPK	srgt environ, rec	5/24/2017	Organic	2-Fluorophenol	n/a	=	30	%	EPA 8270C	-88	-88	11	62	
2016/17-6	MO-MPK	srgt environ	5/26/2017	Organic	2-Fluorophenol	n/a	=	23.5	µg/L	EPA 625	-88	-88			
2016/17-6	MO-MPK	srgt environ, rec	5/26/2017	Organic	2-Fluorophenol	n/a	=	47	%	EPA 625	-88	-88	3	74	
2016/17-6	MO-OJA	srgt environ	5/31/2017	Organic	2-Fluorophenol	n/a	=	17.5	µg/L	EPA 625	-88	-88			
2016/17-6	MO-OJA	srgt environ, rec	5/31/2017	Organic	2-Fluorophenol	n/a	=	35	%	EPA 625	-88	-88	3	74	
2016/17-6	MO-OJA	srgt environ	6/2/2017	Organic	2-Fluorophenol	n/a	=	2.71	µg/L	EPA 8270C	-88	-88			
2016/17-6	MO-OJA	srgt environ, rec	6/2/2017	Organic	2-Fluorophenol	n/a	=	27	%	EPA 8270C	-88	-88	11	62	
2016/17-6	MO-SIM	srgt environ	5/24/2017	Organic	2-Fluorophenol	n/a	=	3.19	µg/L	EPA 8270C	-88	-88			
2016/17-6	MO-SIM	srgt environ, rec	5/24/2017	Organic	2-Fluorophenol	n/a	=	32	%	EPA 8270C	-88	-88	11	62	
2016/17-6	MO-SIM	srgt environ	5/26/2017	Organic	2-Fluorophenol	n/a	=	12.2	µg/L	EPA 625	-88	-88			
2016/17-6	MO-SIM	srgt environ, rec	5/26/2017	Organic	2-Fluorophenol	n/a	=	24	%	EPA 625	-88	-88	3	74	
2016/17-6	MO-THO	srgt environ	5/24/2017	Organic	2-Fluorophenol	n/a	=	3.03	µg/L	EPA 8270C	-88	-88			
2016/17-6	MO-THO	srgt environ, rec	5/24/2017	Organic	2-Fluorophenol	n/a	=	30	%	EPA 8270C	-88	-88	11	62	
2016/17-6	MO-THO	srgt environ	5/26/2017	Organic	2-Fluorophenol	n/a	=	11.4	µg/L	EPA 625	-88	-88			
2016/17-6	MO-THO	srgt environ, rec	5/26/2017	Organic	2-Fluorophenol	n/a	=	23	%	EPA 625	-88	-88	3	74	
2016/17-6	MO-VEN	srgt environ	5/13/2017	Organic	2-Fluorophenol	n/a	=	17.9	µg/L	EPA 625	-88	-88			
2016/17-6	MO-VEN	srgt environ, rec	5/13/2017	Organic	2-Fluorophenol	n/a	=	36	%	EPA 625	-88	-88	3	74	
2016/17-6	MO-VEN	srgt environ	5/23/2017	Organic	2-Fluorophenol	n/a	=	3.61	µg/L	EPA 8270C	-88	-88			
2016/17-6	MO-VEN	srgt environ, rec	5/23/2017	Organic	2-Fluorophenol	n/a	=	36	%	EPA 8270C	-88	-88	11	62	
2016/17-6	Lab	method blank	5/17/2017	Organic	2-Methylnaphthalene	n/a	<	0.1	µg/L	EPA 8270C	0.1	0.1			
2016/17-6	Lab	method blank	5/24/2017	Organic	2-Methylnaphthalene	n/a	<	0.1	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	
2016/17-6	Lab	method blank	6/2/2017	Organic	2-Methylnaphthalene	n/a	<	0.1	µg/L	EPA 8270C	0.1	0.1			
2016/17-6	Lab	method blank	5/23/2017	Organic	2-Methylphenol	n/a	<	0.34	µg/L	EPA 8270C	0.34	1			
2016/17-6	Lab	method blank	5/23/2017	Organic	2-Methylphenol	n/a	<	0.34	µg/L	EPA 8270C	0.34	1			
2016/17-6	Lab	method blank	6/2/2017	Organic	2-Methylphenol	n/a	<	0.34	µg/L	EPA 8270C	0.34	1			
2016/17-6	Lab	method blank	5/13/2017	Organic	2-Nitrophenol	n/a	<	0.26	µg/L	EPA 625	0.26	1			
2016/17-6	Lab	LCS	5/13/2017	Organic	2-Nitrophenol	n/a	=	16.1	µg/L	EPA 625	0.26	1			
2016/17-6	Lab	LCS, rec	5/13/2017	Organic	2-Nitrophenol	n/a	=	64	%	EPA 625	-88	-88	29	182	
2016/17-6	Lab	LCS dup	5/13/2017	Organic	2-Nitrophenol	n/a	=	15.5	µg/L	EPA 625	0.26	1			
2016/17-6	Lab	LCS dup, rec	5/13/2017	Organic	2-Nitrophenol	n/a	=	62	%	EPA 625	-88	-88	29	182	
2016/17-6	Lab	LCS, RPD	5/13/2017	Organic	2-Nitrophenol	n/a	=	4	%	EPA 625	-88	-88	0	30	
2016/17-6	Lab	method blank	5/23/2017	Organic	2-Nitrophenol	n/a	<	0.71	µg/L	EPA 8270C	0.71	1			
2016/17-6	Lab	LCS	5/23/2017	Organic	2-Nitrophenol	n/a	=	5.86	µg/L	EPA 8270C	0.71	1			
2016/17-6	Lab	LCS, rec	5/23/2017	Organic	2-Nitrophenol	n/a	=	59	%	EPA 8270C	-88	-88	33	103	
2016/17-6	Lab	LCS dup	5/23/2017	Organic	2-Nitrophenol	n/a	=	7.69	µg/L	EPA 8270C	0.71	1			
2016/17-6	Lab	LCS dup, rec	5/23/2017	Organic	2-Nitrophenol	n/a	=	77	%	EPA 8270C	-88	-88	33	103	
2016/17-6	Lab	LCS, RPD	5/23/2017	Organic	2-Nitrophenol	n/a	=	27	%	EPA 8270C	-88	-88	0	30	
2016/17-6	Lab	method blank	5/23/2017	Organic	2-Nitrophenol	n/a	<	0.71	µg/L	EPA 8270C	0.71	1			
2016/17-6	Lab	LCS	5/23/2017	Organic	2-Nitrophenol	n/a	=	7.38	µg/L	EPA 8270C	0.71	1			
2016/17-6	Lab	LCS, rec	5/23/2017	Organic	2-Nitrophenol	n/a	=	74	%	EPA 8270C	-88	-88	33	103	
2016/17-6	Lab	LCS dup	5/23/2017	Organic	2-Nitrophenol	n/a	=	8.08	µg/L	EPA 8270C	0.71	1			
2016/17-6	Lab	LCS dup, rec	5/23/2017	Organic	2-Nitrophenol	n/a	=	81	%	EPA 8270C	-88	-88	33	103	
2016/17-6	Lab	LCS, RPD	5/23/2017	Organic	2-Nitrophenol	n/a	=	9	%	EPA 8270C	-88	-88	0	30	
2016/17-6	Lab	method blank	5/26/2017	Organic	2-Nitrophenol	n/a	<	0.26	µg/L	EPA 625	0.26	1			
2016/17-6	Lab	LCS	5/26/2017	Organic	2-Nitrophenol	n/a	=	20.9	µg/L	EPA 625	0.26	1			
2016/17-6	Lab	LCS, rec	5/26/2017	Organic	2-Nitrophenol	n/a	=	83	%	EPA 625	-88	-88	29	182	
2016/17-6	Lab	LCS dup	5/26/2017	Organic	2-Nitrophenol	n/a	=	20.7	µg/L	EPA 625	0.26	1			
2016/17-6	Lab	LCS dup, rec	5/26/2017	Organic	2-Nitrophenol	n/a	=	83	%	EPA 625	-88	-88	29	182	
2016/17-6	Lab	LCS, RPD	5/26/2017	Organic	2-Nitrophenol	n/a	=	0.7	%	EPA 625	-88	-88	0	30	
2016/17-6	Lab	method blank	5/31/2017	Organic	2-Nitrophenol	n/a	<	0.26	µg/L	EPA 625	0.26	1			
2016/17-6	Lab	LCS	5/31/2017	Organic	2-Nitrophenol	n/a	=	17	µg/L	EPA 625	0.26	1			
2016/17-6	Lab	LCS, rec	5/31/2017	Organic	2-Nitrophenol	n/a	=	68	%	EPA 625	-88	-88	29	182	
2016/17-6	Lab	LCS dup	5/31/2017	Organic	2-Nitrophenol	n/a	=	18.3	µg/L	EPA 625	0.26	1			
2016/17-6	Lab	LCS dup, rec	5/31/2017	Organic	2-Nitrophenol	n/a	=	73	%	EPA 625	-88	-88	29	182	
2016/17-6	Lab	LCS, RPD	5/31/2017	Organic	2-Nitrophenol	n/a	=	7	%	EPA 625	-88	-88	0	30	
2016/17-6	Lab	method blank	6/2/2017	Organic	2-Nitrophenol	n/a	<	0.71	µg/L	EPA 8270C	0.71	1			
2016/17-6	Lab	LCS	6/2/2017	Organic	2-Nitrophenol	n/a	=	5.2	µg/L	EPA 8270C	0.71	1			
2016/17-6	Lab	LCS, rec	6/2/2017	Organic	2-Nitrophenol	n/a	=	52	%	EPA 8270C	-88	-88	33	103	
2016/17-6	Lab	LCS dup	6/2/2017	Organic	2-Nitrophenol	n/a	=	5.84	µg/L	EPA 8270C	0.71	1			
2016/17-6	Lab	LCS dup, rec	6/2/2017	Organic	2-Nitrophenol	n/a	=	58	%	EPA 8270C	-88	-88	33	103	
2016/17-6	Lab	LCS, RPD	6/2/2017	Organic	2-Nitrophenol	n/a	=	12	%	EPA 8270C	-88	-88	0	30	
2016/17-6	Lab	method blank	5/13/2017	Organic	3,3'-Dichlorobenzidine	n/a	<	1.2	µg/L	EPA 625	1.2	5			
2016/17-6	Lab	LCS	5/13/2017	Organic	3,3'-Dichlorobenzidine	n/a	=	14.3	µg/L	EPA 625	1.2	5			
2016/17-6	Lab	LCS, rec	5/13/2017	Organic	3,3'-Dichlorobenzidine	n/a	=	57	%	EPA 625	-88	-88	0.1	262	
2016/17-6	Lab	LCS dup	5/13/2017	Organic	3,3'-Dichlorobenzidine	n/a	=	14.3	µg/L	EPA 625	1.2	5			
2016/17-6	Lab	LCS dup, rec	5/13/2017	Organic	3,3'-Dichlorobenzidine	n/a	=	57	%	EPA 625	-88	-88	0.1	262	
2016/17-6	Lab	LCS, RPD	5/13/2017	Organic	3,3'-Dichlorobenzidine	n/a	=	0.06	%	EPA 625	-88	-88	0	30	
2016/17-6	Lab	method blank	5/26/2017	Organic	3,3'-Dichlorobenzidine	n/a	<	0.67	µg/L	EPA 625	0.67	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	
2016/17-6	Lab	LCS	5/26/2017	Organic	3,3'-Dichlorobenzidine	n/a	=	11.8	µg/L	EPA 625	0.67	5			
2016/17-6	Lab	LCS, rec	5/26/2017	Organic	3,3'-Dichlorobenzidine	n/a	=	47	%	EPA 625	-88	-88	0.1	262	
2016/17-6	Lab	LCS dup	5/26/2017	Organic	3,3'-Dichlorobenzidine	n/a	=	13.1	µg/L	EPA 625	0.67	5			
2016/17-6	Lab	LCS dup, rec	5/26/2017	Organic	3,3'-Dichlorobenzidine	n/a	=	52	%	EPA 625	-88	-88	0.1	262	
2016/17-6	Lab	LCS, RPD	5/26/2017	Organic	3,3'-Dichlorobenzidine	n/a	=	10	%	EPA 625	-88	-88	0	30	
2016/17-6	Lab	method blank	5/31/2017	Organic	3,3'-Dichlorobenzidine	n/a	<	0.67	µg/L	EPA 625	0.67	5			
2016/17-6	Lab	LCS	5/31/2017	Organic	3,3'-Dichlorobenzidine	n/a	=	14	µg/L	EPA 625	0.67	5			
2016/17-6	Lab	LCS, rec	5/31/2017	Organic	3,3'-Dichlorobenzidine	n/a	=	56	%	EPA 625	-88	-88	0.1	262	
2016/17-6	Lab	LCS dup	5/31/2017	Organic	3,3'-Dichlorobenzidine	n/a	=	14.3	µg/L	EPA 625	0.67	5			
2016/17-6	Lab	LCS dup, rec	5/31/2017	Organic	3,3'-Dichlorobenzidine	n/a	=	57	%	EPA 625	-88	-88	0.1	262	
2016/17-6	Lab	LCS, RPD	5/31/2017	Organic	3,3'-Dichlorobenzidine	n/a	=	2	%	EPA 625	-88	-88	0	30	
2016/17-6	Lab	method blank	5/23/2017	Organic	3-/4-Methylphenol	n/a	<	0.3	µg/L	EPA 8270C	0.3	1			
2016/17-6	Lab	method blank	5/23/2017	Organic	3-/4-Methylphenol	n/a	<	0.3	µg/L	EPA 8270C	0.3	1			
2016/17-6	Lab	method blank	6/2/2017	Organic	3-/4-Methylphenol	n/a	<	0.3	µg/L	EPA 8270C	0.3	1			
2016/17-6	Lab	method blank	5/13/2017	Organic	4,6-Dinitro-2-methylphenol	n/a	<	1.7	µg/L	EPA 625	1.7	5			
2016/17-6	Lab	LCS	5/13/2017	Organic	4,6-Dinitro-2-methylphenol	n/a	=	16.1	µg/L	EPA 625	1.7	5			
2016/17-6	Lab	LCS, rec	5/13/2017	Organic	4,6-Dinitro-2-methylphenol	n/a	=	65	%	EPA 625	-88	-88	0.1	181	
2016/17-6	Lab	LCS dup	5/13/2017	Organic	4,6-Dinitro-2-methylphenol	n/a	=	14.9	µg/L	EPA 625	1.7	5			
2016/17-6	Lab	LCS dup, rec	5/13/2017	Organic	4,6-Dinitro-2-methylphenol	n/a	=	60	%	EPA 625	-88	-88	0.1	181	
2016/17-6	Lab	LCS, RPD	5/13/2017	Organic	4,6-Dinitro-2-methylphenol	n/a	=	8	%	EPA 625	-88	-88	0	30	
2016/17-6	Lab	method blank	5/23/2017	Organic	4,6-Dinitro-2-methylphenol	n/a	<	0.14	µg/L	EPA 8270C	0.14	1			
2016/17-6	Lab	LCS	5/23/2017	Organic	4,6-Dinitro-2-methylphenol	n/a	=	7.74	µg/L	EPA 8270C	0.14	1			
2016/17-6	Lab	LCS, rec	5/23/2017	Organic	4,6-Dinitro-2-methylphenol	n/a	=	77	%	EPA 8270C	-88	-88	33	118	
2016/17-6	Lab	LCS dup	5/23/2017	Organic	4,6-Dinitro-2-methylphenol	n/a	=	8.74	µg/L	EPA 8270C	0.14	1			
2016/17-6	Lab	LCS dup, rec	5/23/2017	Organic	4,6-Dinitro-2-methylphenol	n/a	=	87	%	EPA 8270C	-88	-88	33	118	
2016/17-6	Lab	LCS, RPD	5/23/2017	Organic	4,6-Dinitro-2-methylphenol	n/a	=	12	%	EPA 8270C	-88	-88	0	30	
2016/17-6	Lab	method blank	5/23/2017	Organic	4,6-Dinitro-2-methylphenol	n/a	<	0.14	µg/L	EPA 8270C	0.14	1			
2016/17-6	Lab	LCS	5/23/2017	Organic	4,6-Dinitro-2-methylphenol	n/a	=	9.01	µg/L	EPA 8270C	0.14	1			
2016/17-6	Lab	LCS, rec	5/23/2017	Organic	4,6-Dinitro-2-methylphenol	n/a	=	90	%	EPA 8270C	-88	-88	33	118	
2016/17-6	Lab	LCS dup	5/23/2017	Organic	4,6-Dinitro-2-methylphenol	n/a	=	9.39	µg/L	EPA 8270C	0.14	1			
2016/17-6	Lab	LCS dup, rec	5/23/2017	Organic	4,6-Dinitro-2-methylphenol	n/a	=	94	%	EPA 8270C	-88	-88	33	118	
2016/17-6	Lab	LCS, RPD	5/23/2017	Organic	4,6-Dinitro-2-methylphenol	n/a	=	4	%	EPA 8270C	-88	-88	0	30	
2016/17-6	Lab	method blank	5/26/2017	Organic	4,6-Dinitro-2-methylphenol	n/a	<	1.7	µg/L	EPA 625	1.7	5			
2016/17-6	Lab	LCS	5/26/2017	Organic	4,6-Dinitro-2-methylphenol	n/a	=	23.4	µg/L	EPA 625	1.7	5			
2016/17-6	Lab	LCS, rec	5/26/2017	Organic	4,6-Dinitro-2-methylphenol	n/a	=	93	%	EPA 625	-88	-88	0.1	181	
2016/17-6	Lab	LCS dup	5/26/2017	Organic	4,6-Dinitro-2-methylphenol	n/a	=	23.5	µg/L	EPA 625	1.7	5			
2016/17-6	Lab	LCS dup, rec	5/26/2017	Organic	4,6-Dinitro-2-methylphenol	n/a	=	94	%	EPA 625	-88	-88	0.1	181	
2016/17-6	Lab	LCS, RPD	5/26/2017	Organic	4,6-Dinitro-2-methylphenol	n/a	=	0.7	%	EPA 625	-88	-88	0	30	
2016/17-6	Lab	method blank	5/31/2017	Organic	4,6-Dinitro-2-methylphenol	n/a	<	1.7	µg/L	EPA 625	1.7	5			
2016/17-6	Lab	LCS	5/31/2017	Organic	4,6-Dinitro-2-methylphenol	n/a	=	11.4	µg/L	EPA 625	1.7	5			
2016/17-6	Lab	LCS, rec	5/31/2017	Organic	4,6-Dinitro-2-methylphenol	n/a	=	46	%	EPA 625	-88	-88	0.1	181	
2016/17-6	Lab	LCS dup	5/31/2017	Organic	4,6-Dinitro-2-methylphenol	n/a	=	16.8	µg/L	EPA 625	1.7	5			
2016/17-6	Lab	LCS dup, rec	5/31/2017	Organic	4,6-Dinitro-2-methylphenol	n/a	=	67	%	EPA 625	-88	-88	0.1	181	
2016/17-6	Lab	LCS, RPD	5/31/2017	Organic	4,6-Dinitro-2-methylphenol	n/a	=	38	%	EPA 625	-88	-88	0	30	IL
2016/17-6	Lab	method blank	6/2/2017	Organic	4,6-Dinitro-2-methylphenol	n/a	<	0.14	µg/L	EPA 8270C	0.14	1			
2016/17-6	Lab	LCS	6/2/2017	Organic	4,6-Dinitro-2-methylphenol	n/a	=	5.66	µg/L	EPA 8270C	0.14	1			
2016/17-6	Lab	LCS, rec	6/2/2017	Organic	4,6-Dinitro-2-methylphenol	n/a	=	57	%	EPA 8270C	-88	-88	33	118	

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2016/17-6	Lab	LCS dup	6/2/2017	Organic	4,6-Dinitro-2-methylphenol	n/a	=	6.33	µg/L	EPA 8270C	0.14	1			
2016/17-6	Lab	LCS dup, rec	6/2/2017	Organic	4,6-Dinitro-2-methylphenol	n/a	=	63	%	EPA 8270C	-88	-88	33	118	
2016/17-6	Lab	LCS, RPD	6/2/2017	Organic	4,6-Dinitro-2-methylphenol	n/a	=	11	%	EPA 8270C	-88	-88	0	30	
2016/17-6	Lab	srgt LCS	5/9/2017	Organic	4-Bromofluorobenzene	n/a	=	54.5	µg/L	EPA 624	-88	-88			GN
2016/17-6	Lab	srgt LCS, rec	5/9/2017	Organic	4-Bromofluorobenzene	n/a	=	109	%	EPA 624	-88	-88	88	108	GN
2016/17-6	Lab	srgt LCS	5/9/2017	Organic	4-Bromofluorobenzene	n/a	=	48	µg/L	EPA 8015D	-88	-88			
2016/17-6	Lab	srgt LCS, rec	5/9/2017	Organic	4-Bromofluorobenzene	n/a	=	96	%	EPA 8015D	-88	-88	72	124	
2016/17-6	Lab	srgt LCS dup	5/9/2017	Organic	4-Bromofluorobenzene	n/a	=	47	µg/L	EPA 8015D	-88	-88			
2016/17-6	Lab	srgt LCS dup, rec	5/9/2017	Organic	4-Bromofluorobenzene	n/a	=	94	%	EPA 8015D	-88	-88	72	124	
2016/17-6	Lab	srgt LCS dup	5/9/2017	Organic	4-Bromofluorobenzene	n/a	=	52.4	µg/L	EPA 624	-88	-88			
2016/17-6	Lab	srgt LCS dup, rec	5/9/2017	Organic	4-Bromofluorobenzene	n/a	=	105	%	EPA 624	-88	-88	88	108	
2016/17-6	Lab	srgt method blank	5/9/2017	Organic	4-Bromofluorobenzene	n/a	=	41	µg/L	EPA 8015D	-88	-88			
2016/17-6	Lab	srgt method blank, rec	5/9/2017	Organic	4-Bromofluorobenzene	n/a	=	82	%	EPA 8015D	-88	-88	72	124	
2016/17-6	Lab	srgt method blank	5/9/2017	Organic	4-Bromofluorobenzene	n/a	=	48.8	µg/L	EPA 624	-88	-88			
2016/17-6	Lab	srgt method blank, rec	5/9/2017	Organic	4-Bromofluorobenzene	n/a	=	98	%	EPA 624	-88	-88	88	108	
2016/17-6	Lab	srgt LCS	5/19/2017	Organic	4-Bromofluorobenzene	n/a	=	49	µg/L	EPA 8015D	-88	-88			
2016/17-6	Lab	srgt LCS, rec	5/19/2017	Organic	4-Bromofluorobenzene	n/a	=	98	%	EPA 8015D	-88	-88	72	124	
2016/17-6	Lab	srgt LCS dup	5/19/2017	Organic	4-Bromofluorobenzene	n/a	=	48	µg/L	EPA 8015D	-88	-88			
2016/17-6	Lab	srgt LCS dup, rec	5/19/2017	Organic	4-Bromofluorobenzene	n/a	=	96	%	EPA 8015D	-88	-88	72	124	
2016/17-6	Lab	srgt method blank	5/19/2017	Organic	4-Bromofluorobenzene	n/a	=	43	µg/L	EPA 8015D	-88	-88			
2016/17-6	Lab	srgt method blank, rec	5/19/2017	Organic	4-Bromofluorobenzene	n/a	=	86	%	EPA 8015D	-88	-88	72	124	
2016/17-6	Lab	srgt LCS	5/24/2017	Organic	4-Bromofluorobenzene	n/a	=	50.6	µg/L	EPA 624	-88	-88			
2016/17-6	Lab	srgt LCS, rec	5/24/2017	Organic	4-Bromofluorobenzene	n/a	=	101	%	EPA 624	-88	-88	88	108	
2016/17-6	Lab	srgt LCS dup	5/24/2017	Organic	4-Bromofluorobenzene	n/a	=	50.7	µg/L	EPA 624	-88	-88			
2016/17-6	Lab	srgt LCS dup, rec	5/24/2017	Organic	4-Bromofluorobenzene	n/a	=	101	%	EPA 624	-88	-88	88	108	
2016/17-6	Lab	srgt method blank	5/24/2017	Organic	4-Bromofluorobenzene	n/a	=	47.1	µg/L	EPA 624	-88	-88			
2016/17-6	Lab	srgt method blank, rec	5/24/2017	Organic	4-Bromofluorobenzene	n/a	=	94	%	EPA 624	-88	-88	88	108	
2016/17-6	Lab	srgt LCS	5/26/2017	Organic	4-Bromofluorobenzene	n/a	=	59	µg/L	EPA 8015D	-88	-88			
2016/17-6	Lab	srgt LCS, rec	5/26/2017	Organic	4-Bromofluorobenzene	n/a	=	118	%	EPA 8015D	-88	-88	72	124	
2016/17-6	Lab	srgt LCS dup	5/26/2017	Organic	4-Bromofluorobenzene	n/a	=	49	µg/L	EPA 8015D	-88	-88			
2016/17-6	Lab	srgt LCS dup, rec	5/26/2017	Organic	4-Bromofluorobenzene	n/a	=	98	%	EPA 8015D	-88	-88	72	124	
2016/17-6	Lab	srgt method blank	5/26/2017	Organic	4-Bromofluorobenzene	n/a	=	54	µg/L	EPA 8015D	-88	-88			
2016/17-6	Lab	srgt method blank, rec	5/26/2017	Organic	4-Bromofluorobenzene	n/a	=	108	%	EPA 8015D	-88	-88	72	124	
2016/17-6	ME-CC	srgt environ	5/19/2017	Organic	4-Bromofluorobenzene	n/a	=	38	µg/L	EPA 8015D	-88	-88			
2016/17-6	ME-CC	srgt environ, rec	5/19/2017	Organic	4-Bromofluorobenzene	n/a	=	76	%	EPA 8015D	-88	-88	72	124	
2016/17-6	ME-CC	srgt environ	5/25/2017	Organic	4-Bromofluorobenzene	n/a	=	47	µg/L	EPA 624	-88	-88			
2016/17-6	ME-CC	srgt environ, rec	5/25/2017	Organic	4-Bromofluorobenzene	n/a	=	94	%	EPA 624	-88	-88	88	108	
2016/17-6	ME-CC	srgt matrix spike	5/25/2017	Organic	4-Bromofluorobenzene	n/a	=	46.6	µg/L	EPA 624	-88	-88			
2016/17-6	ME-CC	srgt matrix spike, rec	5/25/2017	Organic	4-Bromofluorobenzene	n/a	=	93	%	EPA 624	-88	-88	88	108	
2016/17-6	ME-CC	srgt matrix spike dup	5/25/2017	Organic	4-Bromofluorobenzene	n/a	=	48.5	µg/L	EPA 624	-88	-88			
2016/17-6	ME-CC	srgt matrix spike dup, rec	5/25/2017	Organic	4-Bromofluorobenzene	n/a	=	97	%	EPA 624	-88	-88	88	108	
2016/17-6	ME-SCR	srgt environ	5/9/2017	Organic	4-Bromofluorobenzene	n/a	=	43	µg/L	EPA 8015D	-88	-88			
2016/17-6	ME-SCR	srgt environ, rec	5/9/2017	Organic	4-Bromofluorobenzene	n/a	=	86	%	EPA 8015D	-88	-88	72	124	
2016/17-6	ME-SCR	srgt environ	5/9/2017	Organic	4-Bromofluorobenzene	n/a	=	46.7	µg/L	EPA 624	-88	-88			
2016/17-6	ME-SCR	srgt environ, rec	5/9/2017	Organic	4-Bromofluorobenzene	n/a	=	93	%	EPA 624	-88	-88	88	108	
2016/17-6	ME-SCR	srgt matrix spike	5/10/2017	Organic	4-Bromofluorobenzene	n/a	=	54.2	µg/L	EPA 624	-88	-88			
2016/17-6	ME-SCR	srgt matrix spike, rec	5/10/2017	Organic	4-Bromofluorobenzene	n/a	=	108	%	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	
2016/17-6	ME-SCR	srgt matrix spike dup	5/10/2017	Organic	4-Bromofluorobenzene	n/a	=	51.6	µg/L	EPA 624	-88	-88			
2016/17-6	ME-SCR	srgt matrix spike dup, rec	5/10/2017	Organic	4-Bromofluorobenzene	n/a	=	103	%	EPA 624	-88	-88	88	108	
2016/17-6	ME-VR2	srgt environ	5/25/2017	Organic	4-Bromofluorobenzene	n/a	=	45.8	µg/L	EPA 624	-88	-88			
2016/17-6	ME-VR2	srgt environ, rec	5/25/2017	Organic	4-Bromofluorobenzene	n/a	=	92	%	EPA 624	-88	-88	88	108	
2016/17-6	ME-VR2	srgt environ	5/26/2017	Organic	4-Bromofluorobenzene	n/a	=	47	µg/L	EPA 8015D	-88	-88			
2016/17-6	ME-VR2	srgt environ, rec	5/26/2017	Organic	4-Bromofluorobenzene	n/a	=	94	%	EPA 8015D	-88	-88	72	124	
2016/17-6	MO-CAM	srgt environ	5/19/2017	Organic	4-Bromofluorobenzene	n/a	=	36	µg/L	EPA 8015D	-88	-88			
2016/17-6	MO-CAM	srgt environ, rec	5/19/2017	Organic	4-Bromofluorobenzene	n/a	=	72	%	EPA 8015D	-88	-88	72	124	
2016/17-6	MO-CAM	srgt environ	5/25/2017	Organic	4-Bromofluorobenzene	n/a	=	46.6	µg/L	EPA 624	-88	-88			
2016/17-6	MO-CAM	srgt environ, rec	5/25/2017	Organic	4-Bromofluorobenzene	n/a	=	93	%	EPA 624	-88	-88	88	108	
2016/17-6	MO-FIL	srgt environ	5/9/2017	Organic	4-Bromofluorobenzene	n/a	=	40	µg/L	EPA 8015D	-88	-88			
2016/17-6	MO-FIL	srgt environ, rec	5/9/2017	Organic	4-Bromofluorobenzene	n/a	=	80	%	EPA 8015D	-88	-88	72	124	
2016/17-6	MO-FIL	srgt environ	5/9/2017	Organic	4-Bromofluorobenzene	n/a	=	44.7	µg/L	EPA 624	-88	-88			
2016/17-6	MO-FIL	srgt environ, rec	5/9/2017	Organic	4-Bromofluorobenzene	n/a	=	89	%	EPA 624	-88	-88	88	108	
2016/17-6	MO-HUE	srgt environ	5/25/2017	Organic	4-Bromofluorobenzene	n/a	=	46.1	µg/L	EPA 624	-88	-88			
2016/17-6	MO-HUE	srgt environ, rec	5/25/2017	Organic	4-Bromofluorobenzene	n/a	=	92	%	EPA 624	-88	-88	88	108	
2016/17-6	MO-HUE	srgt environ	5/26/2017	Organic	4-Bromofluorobenzene	n/a	=	39	µg/L	EPA 8015D	-88	-88			
2016/17-6	MO-HUE	srgt environ, rec	5/26/2017	Organic	4-Bromofluorobenzene	n/a	=	78	%	EPA 8015D	-88	-88	72	124	
2016/17-6	MO-MPK	srgt environ	5/20/2017	Organic	4-Bromofluorobenzene	n/a	=	44	µg/L	EPA 8015D	-88	-88			
2016/17-6	MO-MPK	srgt environ, rec	5/20/2017	Organic	4-Bromofluorobenzene	n/a	=	88	%	EPA 8015D	-88	-88	72	124	
2016/17-6	MO-MPK	srgt environ	5/25/2017	Organic	4-Bromofluorobenzene	n/a	=	50.7	µg/L	EPA 624	-88	-88			
2016/17-6	MO-MPK	srgt environ, rec	5/25/2017	Organic	4-Bromofluorobenzene	n/a	=	101	%	EPA 624	-88	-88	88	108	
2016/17-6	MO-OJA	srgt environ	5/25/2017	Organic	4-Bromofluorobenzene	n/a	=	45.3	µg/L	EPA 624	-88	-88			
2016/17-6	MO-OJA	srgt environ, rec	5/25/2017	Organic	4-Bromofluorobenzene	n/a	=	91	%	EPA 624	-88	-88	88	108	
2016/17-6	MO-OJA	srgt environ	5/26/2017	Organic	4-Bromofluorobenzene	n/a	=	40	µg/L	EPA 8015D	-88	-88			
2016/17-6	MO-OJA	srgt environ, rec	5/26/2017	Organic	4-Bromofluorobenzene	n/a	=	80	%	EPA 8015D	-88	-88	72	124	
2016/17-6	MO-OXN	srgt environ	5/9/2017	Organic	4-Bromofluorobenzene	n/a	=	42	µg/L	EPA 8015D	-88	-88			
2016/17-6	MO-OXN	srgt environ, rec	5/9/2017	Organic	4-Bromofluorobenzene	n/a	=	84	%	EPA 8015D	-88	-88	72	124	
2016/17-6	MO-OXN	srgt environ	5/9/2017	Organic	4-Bromofluorobenzene	n/a	=	47.3	µg/L	EPA 624	-88	-88			
2016/17-6	MO-OXN	srgt environ, rec	5/9/2017	Organic	4-Bromofluorobenzene	n/a	=	95	%	EPA 624	-88	-88	88	108	
2016/17-6	MO-SIM	srgt environ	5/19/2017	Organic	4-Bromofluorobenzene	n/a	=	40	µg/L	EPA 8015D	-88	-88			
2016/17-6	MO-SIM	srgt environ, rec	5/19/2017	Organic	4-Bromofluorobenzene	n/a	=	80	%	EPA 8015D	-88	-88	72	124	
2016/17-6	MO-SIM	srgt environ	5/25/2017	Organic	4-Bromofluorobenzene	n/a	=	46.7	µg/L	EPA 624	-88	-88			
2016/17-6	MO-SIM	srgt environ, rec	5/25/2017	Organic	4-Bromofluorobenzene	n/a	=	93	%	EPA 624	-88	-88	88	108	
2016/17-6	MO-THO	srgt environ	5/19/2017	Organic	4-Bromofluorobenzene	n/a	=	37	µg/L	EPA 8015D	-88	-88			
2016/17-6	MO-THO	srgt environ, rec	5/19/2017	Organic	4-Bromofluorobenzene	n/a	=	74	%	EPA 8015D	-88	-88	72	124	
2016/17-6	MO-THO	srgt environ	5/25/2017	Organic	4-Bromofluorobenzene	n/a	=	47	µg/L	EPA 624	-88	-88			
2016/17-6	MO-THO	srgt environ, rec	5/25/2017	Organic	4-Bromofluorobenzene	n/a	=	94	%	EPA 624	-88	-88	88	108	
2016/17-6	MO-VEN	srgt environ	5/9/2017	Organic	4-Bromofluorobenzene	n/a	=	41	µg/L	EPA 8015D	-88	-88			
2016/17-6	MO-VEN	srgt environ, rec	5/9/2017	Organic	4-Bromofluorobenzene	n/a	=	82	%	EPA 8015D	-88	-88	72	124	
2016/17-6	MO-VEN	srgt environ	5/9/2017	Organic	4-Bromofluorobenzene	n/a	=	45.2	µg/L	EPA 624	-88	-88			
2016/17-6	MO-VEN	srgt environ, rec	5/9/2017	Organic	4-Bromofluorobenzene	n/a	=	90	%	EPA 624	-88	-88	88	108	
2016/17-6	Lab	method blank	5/13/2017	Organic	4-Bromophenyl phenyl ether	n/a	<	0.36	µg/L	EPA 625	0.36	1			
2016/17-6	Lab	LCS	5/13/2017	Organic	4-Bromophenyl phenyl ether	n/a	=	18.4	µg/L	EPA 625	0.36	1			
2016/17-6	Lab	LCS, rec	5/13/2017	Organic	4-Bromophenyl phenyl ether	n/a	=	74	%	EPA 625	-88	-88	53	127	
2016/17-6	Lab	LCS dup	5/13/2017	Organic	4-Bromophenyl phenyl ether	n/a	=	16.9	µg/L	EPA 625	0.36	1			
2016/17-6	Lab	LCS dup, rec	5/13/2017	Organic	4-Bromophenyl phenyl ether	n/a	=	67	%	EPA 625	-88	-88	53	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	
2016/17-6	Lab	LCS, RPD	5/13/2017	Organic	4-Bromophenyl phenyl ether	n/a	=	9	%	EPA 625	-88	-88	0	30	
2016/17-6	Lab	method blank	5/26/2017	Organic	4-Bromophenyl phenyl ether	n/a	<	0.36	µg/L	EPA 625	0.36	1			
2016/17-6	Lab	LCS	5/26/2017	Organic	4-Bromophenyl phenyl ether	n/a	=	19.6	µg/L	EPA 625	0.36	1			
2016/17-6	Lab	LCS, rec	5/26/2017	Organic	4-Bromophenyl phenyl ether	n/a	=	79	%	EPA 625	-88	-88	53	127	
2016/17-6	Lab	LCS dup	5/26/2017	Organic	4-Bromophenyl phenyl ether	n/a	=	19.9	µg/L	EPA 625	0.36	1			
2016/17-6	Lab	LCS dup, rec	5/26/2017	Organic	4-Bromophenyl phenyl ether	n/a	=	79	%	EPA 625	-88	-88	53	127	
2016/17-6	Lab	LCS, RPD	5/26/2017	Organic	4-Bromophenyl phenyl ether	n/a	=	1	%	EPA 625	-88	-88	0	30	
2016/17-6	Lab	method blank	5/31/2017	Organic	4-Bromophenyl phenyl ether	n/a	<	0.36	µg/L	EPA 625	0.36	1			
2016/17-6	Lab	LCS	5/31/2017	Organic	4-Bromophenyl phenyl ether	n/a	=	17.5	µg/L	EPA 625	0.36	1			
2016/17-6	Lab	LCS, rec	5/31/2017	Organic	4-Bromophenyl phenyl ether	n/a	=	70	%	EPA 625	-88	-88	53	127	
2016/17-6	Lab	LCS dup	5/31/2017	Organic	4-Bromophenyl phenyl ether	n/a	=	17.8	µg/L	EPA 625	0.36	1			
2016/17-6	Lab	LCS dup, rec	5/31/2017	Organic	4-Bromophenyl phenyl ether	n/a	=	71	%	EPA 625	-88	-88	53	127	
2016/17-6	Lab	LCS, RPD	5/31/2017	Organic	4-Bromophenyl phenyl ether	n/a	=	2	%	EPA 625	-88	-88	0	30	
2016/17-6	Lab	method blank	5/13/2017	Organic	4-Chloro-3-methylphenol	n/a	<	0.23	µg/L	EPA 625	0.23	1			
2016/17-6	Lab	LCS	5/13/2017	Organic	4-Chloro-3-methylphenol	n/a	=	18.5	µg/L	EPA 625	0.23	1			
2016/17-6	Lab	LCS, rec	5/13/2017	Organic	4-Chloro-3-methylphenol	n/a	=	74	%	EPA 625	-88	-88	22	147	
2016/17-6	Lab	LCS dup	5/13/2017	Organic	4-Chloro-3-methylphenol	n/a	=	17.5	µg/L	EPA 625	0.23	1			
2016/17-6	Lab	LCS dup, rec	5/13/2017	Organic	4-Chloro-3-methylphenol	n/a	=	70	%	EPA 625	-88	-88	22	147	
2016/17-6	Lab	LCS, RPD	5/13/2017	Organic	4-Chloro-3-methylphenol	n/a	=	6	%	EPA 625	-88	-88	0	30	
2016/17-6	Lab	method blank	5/23/2017	Organic	4-Chloro-3-methylphenol	n/a	<	0.37	µg/L	EPA 8270C	0.37	1			
2016/17-6	Lab	LCS	5/23/2017	Organic	4-Chloro-3-methylphenol	n/a	=	7.32	µg/L	EPA 8270C	0.37	1			
2016/17-6	Lab	LCS, rec	5/23/2017	Organic	4-Chloro-3-methylphenol	n/a	=	73	%	EPA 8270C	-88	-88	29	108	
2016/17-6	Lab	LCS dup	5/23/2017	Organic	4-Chloro-3-methylphenol	n/a	=	8.31	µg/L	EPA 8270C	0.37	1			
2016/17-6	Lab	LCS dup, rec	5/23/2017	Organic	4-Chloro-3-methylphenol	n/a	=	83	%	EPA 8270C	-88	-88	29	108	
2016/17-6	Lab	LCS, RPD	5/23/2017	Organic	4-Chloro-3-methylphenol	n/a	=	13	%	EPA 8270C	-88	-88	0	30	
2016/17-6	Lab	method blank	5/23/2017	Organic	4-Chloro-3-methylphenol	n/a	<	0.37	µg/L	EPA 8270C	0.37	1			
2016/17-6	Lab	LCS	5/23/2017	Organic	4-Chloro-3-methylphenol	n/a	=	6.93	µg/L	EPA 8270C	0.37	1			
2016/17-6	Lab	LCS, rec	5/23/2017	Organic	4-Chloro-3-methylphenol	n/a	=	69	%	EPA 8270C	-88	-88	29	108	
2016/17-6	Lab	LCS dup	5/23/2017	Organic	4-Chloro-3-methylphenol	n/a	=	7.75	µg/L	EPA 8270C	0.37	1			
2016/17-6	Lab	LCS dup, rec	5/23/2017	Organic	4-Chloro-3-methylphenol	n/a	=	78	%	EPA 8270C	-88	-88	29	108	
2016/17-6	Lab	LCS, RPD	5/23/2017	Organic	4-Chloro-3-methylphenol	n/a	=	11	%	EPA 8270C	-88	-88	0	30	
2016/17-6	Lab	method blank	5/26/2017	Organic	4-Chloro-3-methylphenol	n/a	<	0.23	µg/L	EPA 625	0.23	1			
2016/17-6	Lab	LCS	5/26/2017	Organic	4-Chloro-3-methylphenol	n/a	=	20.1	µg/L	EPA 625	0.23	1			
2016/17-6	Lab	LCS, rec	5/26/2017	Organic	4-Chloro-3-methylphenol	n/a	=	81	%	EPA 625	-88	-88	22	147	
2016/17-6	Lab	LCS dup	5/26/2017	Organic	4-Chloro-3-methylphenol	n/a	=	20.3	µg/L	EPA 625	0.23	1			
2016/17-6	Lab	LCS dup, rec	5/26/2017	Organic	4-Chloro-3-methylphenol	n/a	=	81	%	EPA 625	-88	-88	22	147	
2016/17-6	Lab	LCS, RPD	5/26/2017	Organic	4-Chloro-3-methylphenol	n/a	=	1	%	EPA 625	-88	-88	0	30	
2016/17-6	Lab	method blank	5/31/2017	Organic	4-Chloro-3-methylphenol	n/a	<	0.23	µg/L	EPA 625	0.23	1			
2016/17-6	Lab	LCS	5/31/2017	Organic	4-Chloro-3-methylphenol	n/a	=	19	µg/L	EPA 625	0.23	1			
2016/17-6	Lab	LCS, rec	5/31/2017	Organic	4-Chloro-3-methylphenol	n/a	=	76	%	EPA 625	-88	-88	22	147	
2016/17-6	Lab	LCS dup	5/31/2017	Organic	4-Chloro-3-methylphenol	n/a	=	19.4	µg/L	EPA 625	0.23	1			
2016/17-6	Lab	LCS dup, rec	5/31/2017	Organic	4-Chloro-3-methylphenol	n/a	=	77	%	EPA 625	-88	-88	22	147	
2016/17-6	Lab	LCS, RPD	5/31/2017	Organic	4-Chloro-3-methylphenol	n/a	=	2	%	EPA 625	-88	-88	0	30	
2016/17-6	Lab	method blank	6/2/2017	Organic	4-Chloro-3-methylphenol	n/a	<	0.37	µg/L	EPA 8270C	0.37	1			
2016/17-6	Lab	LCS	6/2/2017	Organic	4-Chloro-3-methylphenol	n/a	=	5.41	µg/L	EPA 8270C	0.37	1			
2016/17-6	Lab	LCS, rec	6/2/2017	Organic	4-Chloro-3-methylphenol	n/a	=	54	%	EPA 8270C	-88	-88	29	108	
2016/17-6	Lab	LCS dup	6/2/2017	Organic	4-Chloro-3-methylphenol	n/a	=	5.95	µg/L	EPA 8270C	0.37	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	
2016/17-6	Lab	LCS dup, rec	6/2/2017	Organic	4-Chloro-3-methylphenol	n/a	=	60	%	EPA 8270C	-88	-88	29	108	
2016/17-6	Lab	LCS, RPD	6/2/2017	Organic	4-Chloro-3-methylphenol	n/a	=	10	%	EPA 8270C	-88	-88	0	30	
2016/17-6	Lab	method blank	5/13/2017	Organic	4-Chlorophenyl phenyl ether	n/a	<	0.41	µg/L	EPA 625	0.41	1			
2016/17-6	Lab	LCS	5/13/2017	Organic	4-Chlorophenyl phenyl ether	n/a	=	20.9	µg/L	EPA 625	0.41	1			
2016/17-6	Lab	LCS, rec	5/13/2017	Organic	4-Chlorophenyl phenyl ether	n/a	=	84	%	EPA 625	-88	-88	25	158	
2016/17-6	Lab	LCS dup	5/13/2017	Organic	4-Chlorophenyl phenyl ether	n/a	=	19.1	µg/L	EPA 625	0.41	1			
2016/17-6	Lab	LCS dup, rec	5/13/2017	Organic	4-Chlorophenyl phenyl ether	n/a	=	76	%	EPA 625	-88	-88	25	158	
2016/17-6	Lab	LCS, RPD	5/13/2017	Organic	4-Chlorophenyl phenyl ether	n/a	=	9	%	EPA 625	-88	-88	0	30	
2016/17-6	Lab	method blank	5/26/2017	Organic	4-Chlorophenyl phenyl ether	n/a	<	0.39	µg/L	EPA 625	0.39	1			
2016/17-6	Lab	LCS	5/26/2017	Organic	4-Chlorophenyl phenyl ether	n/a	=	22.5	µg/L	EPA 625	0.39	1			
2016/17-6	Lab	LCS, rec	5/26/2017	Organic	4-Chlorophenyl phenyl ether	n/a	=	90	%	EPA 625	-88	-88	25	158	
2016/17-6	Lab	LCS dup	5/26/2017	Organic	4-Chlorophenyl phenyl ether	n/a	=	21.7	µg/L	EPA 625	0.39	1			
2016/17-6	Lab	LCS dup, rec	5/26/2017	Organic	4-Chlorophenyl phenyl ether	n/a	=	87	%	EPA 625	-88	-88	25	158	
2016/17-6	Lab	LCS, RPD	5/26/2017	Organic	4-Chlorophenyl phenyl ether	n/a	=	3	%	EPA 625	-88	-88	0	30	
2016/17-6	Lab	method blank	5/31/2017	Organic	4-Chlorophenyl phenyl ether	n/a	<	0.39	µg/L	EPA 625	0.39	1			
2016/17-6	Lab	LCS	5/31/2017	Organic	4-Chlorophenyl phenyl ether	n/a	=	19	µg/L	EPA 625	0.39	1			
2016/17-6	Lab	LCS, rec	5/31/2017	Organic	4-Chlorophenyl phenyl ether	n/a	=	76	%	EPA 625	-88	-88	25	158	
2016/17-6	Lab	LCS dup	5/31/2017	Organic	4-Chlorophenyl phenyl ether	n/a	=	19.4	µg/L	EPA 625	0.39	1			
2016/17-6	Lab	LCS dup, rec	5/31/2017	Organic	4-Chlorophenyl phenyl ether	n/a	=	78	%	EPA 625	-88	-88	25	158	
2016/17-6	Lab	LCS, RPD	5/31/2017	Organic	4-Chlorophenyl phenyl ether	n/a	=	2	%	EPA 625	-88	-88	0	30	
2016/17-6	Lab	method blank	5/13/2017	Organic	4-Nitrophenol	n/a	<	0.45	µg/L	EPA 625	0.45	5			
2016/17-6	Lab	LCS	5/13/2017	Organic	4-Nitrophenol	n/a	=	7.48	µg/L	EPA 625	0.45	5			
2016/17-6	Lab	LCS, rec	5/13/2017	Organic	4-Nitrophenol	n/a	=	30	%	EPA 625	-88	-88	0.1	132	
2016/17-6	Lab	LCS dup	5/13/2017	Organic	4-Nitrophenol	n/a	=	6.75	µg/L	EPA 625	0.45	5			
2016/17-6	Lab	LCS dup, rec	5/13/2017	Organic	4-Nitrophenol	n/a	=	27	%	EPA 625	-88	-88	0.1	132	
2016/17-6	Lab	LCS, RPD	5/13/2017	Organic	4-Nitrophenol	n/a	=	10	%	EPA 625	-88	-88	0	30	
2016/17-6	Lab	method blank	5/23/2017	Organic	4-Nitrophenol	n/a	<	1	µg/L	EPA 8270C	1	2			
2016/17-6	Lab	LCS	5/23/2017	Organic	4-Nitrophenol	n/a	=	3.17	µg/L	EPA 8270C	1	2			
2016/17-6	Lab	LCS, rec	5/23/2017	Organic	4-Nitrophenol	n/a	=	32	%	EPA 8270C	-88	-88	6	46	
2016/17-6	Lab	LCS dup	5/23/2017	Organic	4-Nitrophenol	n/a	=	3.39	µg/L	EPA 8270C	1	2			
2016/17-6	Lab	LCS dup, rec	5/23/2017	Organic	4-Nitrophenol	n/a	=	34	%	EPA 8270C	-88	-88	6	46	
2016/17-6	Lab	LCS, RPD	5/23/2017	Organic	4-Nitrophenol	n/a	=	7	%	EPA 8270C	-88	-88	0	30	
2016/17-6	Lab	method blank	5/23/2017	Organic	4-Nitrophenol	n/a	<	1	µg/L	EPA 8270C	1	2			
2016/17-6	Lab	LCS	5/23/2017	Organic	4-Nitrophenol	n/a	=	3.91	µg/L	EPA 8270C	1	2			
2016/17-6	Lab	LCS, rec	5/23/2017	Organic	4-Nitrophenol	n/a	=	39	%	EPA 8270C	-88	-88	6	46	
2016/17-6	Lab	LCS dup	5/23/2017	Organic	4-Nitrophenol	n/a	=	4.18	µg/L	EPA 8270C	1	2			
2016/17-6	Lab	LCS dup, rec	5/23/2017	Organic	4-Nitrophenol	n/a	=	42	%	EPA 8270C	-88	-88	6	46	
2016/17-6	Lab	LCS, RPD	5/23/2017	Organic	4-Nitrophenol	n/a	=	7	%	EPA 8270C	-88	-88	0	30	
2016/17-6	Lab	method blank	5/26/2017	Organic	4-Nitrophenol	n/a	<	0.45	µg/L	EPA 625	0.45	5			
2016/17-6	Lab	LCS	5/26/2017	Organic	4-Nitrophenol	n/a	=	10.1	µg/L	EPA 625	0.45	5			
2016/17-6	Lab	LCS, rec	5/26/2017	Organic	4-Nitrophenol	n/a	=	40	%	EPA 625	-88	-88	0.1	132	
2016/17-6	Lab	LCS dup	5/26/2017	Organic	4-Nitrophenol	n/a	=	9.45	µg/L	EPA 625	0.45	5			
2016/17-6	Lab	LCS dup, rec	5/26/2017	Organic	4-Nitrophenol	n/a	=	38	%	EPA 625	-88	-88	0.1	132	
2016/17-6	Lab	LCS, RPD	5/26/2017	Organic	4-Nitrophenol	n/a	=	7	%	EPA 625	-88	-88	0	30	
2016/17-6	Lab	method blank	5/31/2017	Organic	4-Nitrophenol	n/a	<	0.45	µg/L	EPA 625	0.45	5			
2016/17-6	Lab	LCS	5/31/2017	Organic	4-Nitrophenol	n/a	=	9.25	µg/L	EPA 625	0.45	5			
2016/17-6	Lab	LCS, rec	5/31/2017	Organic	4-Nitrophenol	n/a	=	37	%	EPA 625	-88	-88	0.1	132	

Appendix F
Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2016/17-6	Lab	LCS dup	5/31/2017	Organic	4-Nitrophenol	n/a	=	9.31	µg/L	EPA 625	0.45	5			
2016/17-6	Lab	LCS dup, rec	5/31/2017	Organic	4-Nitrophenol	n/a	=	37	%	EPA 625	-88	-88	0.1	132	
2016/17-6	Lab	LCS, RPD	5/31/2017	Organic	4-Nitrophenol	n/a	=	0.6	%	EPA 625	-88	-88	0	30	
2016/17-6	Lab	method blank	6/2/2017	Organic	4-Nitrophenol	n/a	<	1	µg/L	EPA 8270C	1	2			
2016/17-6	Lab	LCS	6/2/2017	Organic	4-Nitrophenol	n/a	DNQ	1.78	µg/L	EPA 8270C	1	2			
2016/17-6	Lab	LCS, rec	6/2/2017	Organic	4-Nitrophenol	n/a	=	18	%	EPA 8270C	-88	-88	6	46	
2016/17-6	Lab	LCS dup	6/2/2017	Organic	4-Nitrophenol	n/a	=	2.1	µg/L	EPA 8270C	1	2			
2016/17-6	Lab	LCS dup, rec	6/2/2017	Organic	4-Nitrophenol	n/a	=	21	%	EPA 8270C	-88	-88	6	46	
2016/17-6	Lab	LCS, RPD	6/2/2017	Organic	4-Nitrophenol	n/a	=	17	%	EPA 8270C	-88	-88	0	30	
2016/17-6	Lab	method blank	5/13/2017	Organic	Acenaphthene	n/a	<	0.38	µg/L	EPA 625	0.38	1			
2016/17-6	Lab	LCS	5/13/2017	Organic	Acenaphthene	n/a	=	18.5	µg/L	EPA 625	0.38	1			
2016/17-6	Lab	LCS, rec	5/13/2017	Organic	Acenaphthene	n/a	=	74	%	EPA 625	-88	-88	47	145	
2016/17-6	Lab	LCS dup	5/13/2017	Organic	Acenaphthene	n/a	=	17.2	µg/L	EPA 625	0.38	1			
2016/17-6	Lab	LCS dup, rec	5/13/2017	Organic	Acenaphthene	n/a	=	69	%	EPA 625	-88	-88	47	145	
2016/17-6	Lab	LCS, RPD	5/13/2017	Organic	Acenaphthene	n/a	=	7	%	EPA 625	-88	-88	0	30	
2016/17-6	Lab	method blank	5/17/2017	Organic	Acenaphthene	n/a	<	0.1	µg/L	EPA 8270C	0.1	0.1			
2016/17-6	Lab	LCS	5/17/2017	Organic	Acenaphthene	n/a	=	7.43	µg/L	EPA 8270C	0.1	0.1			
2016/17-6	Lab	LCS, rec	5/17/2017	Organic	Acenaphthene	n/a	=	74	%	EPA 8270C	-88	-88	11	122	
2016/17-6	Lab	LCS dup	5/17/2017	Organic	Acenaphthene	n/a	=	8.23	µg/L	EPA 8270C	0.1	0.1			
2016/17-6	Lab	LCS dup, rec	5/17/2017	Organic	Acenaphthene	n/a	=	82	%	EPA 8270C	-88	-88	11	122	
2016/17-6	Lab	LCS, RPD	5/17/2017	Organic	Acenaphthene	n/a	=	10	%	EPA 8270C	-88	-88	0	30	
2016/17-6	Lab	method blank	5/24/2017	Organic	Acenaphthene	n/a	<	0.1	µg/L	EPA 8270C	0.1	0.1			
2016/17-6	Lab	LCS	5/24/2017	Organic	Acenaphthene	n/a	=	6.51	µg/L	EPA 8270C	0.1	0.1			
2016/17-6	Lab	LCS, rec	5/24/2017	Organic	Acenaphthene	n/a	=	65	%	EPA 8270C	-88	-88	11	122	
2016/17-6	Lab	LCS dup	5/24/2017	Organic	Acenaphthene	n/a	=	7.25	µg/L	EPA 8270C	0.1	0.1			
2016/17-6	Lab	LCS dup, rec	5/24/2017	Organic	Acenaphthene	n/a	=	73	%	EPA 8270C	-88	-88	11	122	
2016/17-6	Lab	LCS, RPD	5/24/2017	Organic	Acenaphthene	n/a	=	11	%	EPA 8270C	-88	-88	0	30	
2016/17-6	Lab	method blank	5/26/2017	Organic	Acenaphthene	n/a	<	0.38	µg/L	EPA 625	0.38	1			
2016/17-6	Lab	LCS	5/26/2017	Organic	Acenaphthene	n/a	=	21.3	µg/L	EPA 625	0.38	1			
2016/17-6	Lab	LCS, rec	5/26/2017	Organic	Acenaphthene	n/a	=	85	%	EPA 625	-88	-88	47	145	
2016/17-6	Lab	LCS dup	5/26/2017	Organic	Acenaphthene	n/a	=	20.6	µg/L	EPA 625	0.38	1			
2016/17-6	Lab	LCS dup, rec	5/26/2017	Organic	Acenaphthene	n/a	=	82	%	EPA 625	-88	-88	47	145	
2016/17-6	Lab	LCS, RPD	5/26/2017	Organic	Acenaphthene	n/a	=	3	%	EPA 625	-88	-88	0	30	
2016/17-6	Lab	method blank	5/31/2017	Organic	Acenaphthene	n/a	<	0.38	µg/L	EPA 625	0.38	1			
2016/17-6	Lab	LCS	5/31/2017	Organic	Acenaphthene	n/a	=	18.1	µg/L	EPA 625	0.38	1			
2016/17-6	Lab	LCS, rec	5/31/2017	Organic	Acenaphthene	n/a	=	72	%	EPA 625	-88	-88	47	145	
2016/17-6	Lab	LCS dup	5/31/2017	Organic	Acenaphthene	n/a	=	18.2	µg/L	EPA 625	0.38	1			
2016/17-6	Lab	LCS dup, rec	5/31/2017	Organic	Acenaphthene	n/a	=	73	%	EPA 625	-88	-88	47	145	
2016/17-6	Lab	LCS, RPD	5/31/2017	Organic	Acenaphthene	n/a	=	0.6	%	EPA 625	-88	-88	0	30	
2016/17-6	Lab	method blank	6/2/2017	Organic	Acenaphthene	n/a	<	0.1	µg/L	EPA 8270C	0.1	0.1			
2016/17-6	Lab	LCS	6/2/2017	Organic	Acenaphthene	n/a	=	6.46	µg/L	EPA 8270C	0.1	0.1			
2016/17-6	Lab	LCS, rec	6/2/2017	Organic	Acenaphthene	n/a	=	65	%	EPA 8270C	-88	-88	11	122	
2016/17-6	Lab	LCS dup	6/2/2017	Organic	Acenaphthene	n/a	=	6.82	µg/L	EPA 8270C	0.1	0.1			
2016/17-6	Lab	LCS dup, rec	6/2/2017	Organic	Acenaphthene	n/a	=	68	%	EPA 8270C	-88	-88	11	122	
2016/17-6	Lab	LCS, RPD	6/2/2017	Organic	Acenaphthene	n/a	=	5	%	EPA 8270C	-88	-88	0	30	
2016/17-6	Lab	method blank	5/13/2017	Organic	Acenaphthylene	n/a	<	0.4	µg/L	EPA 625	0.4	1			
2016/17-6	Lab	LCS	5/13/2017	Organic	Acenaphthylene	n/a	=	19.6	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	
2016/17-6	Lab	LCS, rec	5/13/2017	Organic	Acenaphthylene	n/a	=	78	%	EPA 625	-88	-88	33	145	
2016/17-6	Lab	LCS dup	5/13/2017	Organic	Acenaphthylene	n/a	=	18.3	µg/L	EPA 625	0.4	1			
2016/17-6	Lab	LCS dup, rec	5/13/2017	Organic	Acenaphthylene	n/a	=	73	%	EPA 625	-88	-88	33	145	
2016/17-6	Lab	LCS, RPD	5/13/2017	Organic	Acenaphthylene	n/a	=	7	%	EPA 625	-88	-88	0	30	
2016/17-6	Lab	method blank	5/17/2017	Organic	Acenaphthylene	n/a	<	0.1	µg/L	EPA 8270C	0.1	0.1			
2016/17-6	Lab	LCS	5/17/2017	Organic	Acenaphthylene	n/a	=	7.45	µg/L	EPA 8270C	0.1	0.1			
2016/17-6	Lab	LCS, rec	5/17/2017	Organic	Acenaphthylene	n/a	=	74	%	EPA 8270C	-88	-88	4	135	
2016/17-6	Lab	LCS dup	5/17/2017	Organic	Acenaphthylene	n/a	=	8.38	µg/L	EPA 8270C	0.1	0.1			
2016/17-6	Lab	LCS dup, rec	5/17/2017	Organic	Acenaphthylene	n/a	=	84	%	EPA 8270C	-88	-88	4	135	
2016/17-6	Lab	LCS, RPD	5/17/2017	Organic	Acenaphthylene	n/a	=	12	%	EPA 8270C	-88	-88	0	30	
2016/17-6	Lab	method blank	5/24/2017	Organic	Acenaphthylene	n/a	<	0.1	µg/L	EPA 8270C	0.1	0.1			
2016/17-6	Lab	LCS	5/24/2017	Organic	Acenaphthylene	n/a	=	6.43	µg/L	EPA 8270C	0.1	0.1			
2016/17-6	Lab	LCS, rec	5/24/2017	Organic	Acenaphthylene	n/a	=	64	%	EPA 8270C	-88	-88	4	135	
2016/17-6	Lab	LCS dup	5/24/2017	Organic	Acenaphthylene	n/a	=	7.44	µg/L	EPA 8270C	0.1	0.1			
2016/17-6	Lab	LCS dup, rec	5/24/2017	Organic	Acenaphthylene	n/a	=	74	%	EPA 8270C	-88	-88	4	135	
2016/17-6	Lab	LCS, RPD	5/24/2017	Organic	Acenaphthylene	n/a	=	14	%	EPA 8270C	-88	-88	0	30	
2016/17-6	Lab	method blank	5/26/2017	Organic	Acenaphthylene	n/a	<	0.4	µg/L	EPA 625	0.4	1			
2016/17-6	Lab	LCS	5/26/2017	Organic	Acenaphthylene	n/a	=	21.7	µg/L	EPA 625	0.4	1			
2016/17-6	Lab	LCS, rec	5/26/2017	Organic	Acenaphthylene	n/a	=	87	%	EPA 625	-88	-88	33	145	
2016/17-6	Lab	LCS dup	5/26/2017	Organic	Acenaphthylene	n/a	=	21.5	µg/L	EPA 625	0.4	1			
2016/17-6	Lab	LCS dup, rec	5/26/2017	Organic	Acenaphthylene	n/a	=	86	%	EPA 625	-88	-88	33	145	
2016/17-6	Lab	LCS, RPD	5/26/2017	Organic	Acenaphthylene	n/a	=	0.8	%	EPA 625	-88	-88	0	30	
2016/17-6	Lab	method blank	5/31/2017	Organic	Acenaphthylene	n/a	<	0.4	µg/L	EPA 625	0.4	1			
2016/17-6	Lab	LCS	5/31/2017	Organic	Acenaphthylene	n/a	=	19.5	µg/L	EPA 625	0.4	1			
2016/17-6	Lab	LCS, rec	5/31/2017	Organic	Acenaphthylene	n/a	=	78	%	EPA 625	-88	-88	33	145	
2016/17-6	Lab	LCS dup	5/31/2017	Organic	Acenaphthylene	n/a	=	19.6	µg/L	EPA 625	0.4	1			
2016/17-6	Lab	LCS dup, rec	5/31/2017	Organic	Acenaphthylene	n/a	=	79	%	EPA 625	-88	-88	33	145	
2016/17-6	Lab	LCS, RPD	5/31/2017	Organic	Acenaphthylene	n/a	=	0.5	%	EPA 625	-88	-88	0	30	
2016/17-6	Lab	method blank	6/2/2017	Organic	Acenaphthylene	n/a	<	0.1	µg/L	EPA 8270C	0.1	0.1			
2016/17-6	Lab	LCS	6/2/2017	Organic	Acenaphthylene	n/a	=	6.07	µg/L	EPA 8270C	0.1	0.1			
2016/17-6	Lab	LCS, rec	6/2/2017	Organic	Acenaphthylene	n/a	=	61	%	EPA 8270C	-88	-88	4	135	
2016/17-6	Lab	LCS dup	6/2/2017	Organic	Acenaphthylene	n/a	=	6.5	µg/L	EPA 8270C	0.1	0.1			
2016/17-6	Lab	LCS dup, rec	6/2/2017	Organic	Acenaphthylene	n/a	=	65	%	EPA 8270C	-88	-88	4	135	
2016/17-6	Lab	LCS, RPD	6/2/2017	Organic	Acenaphthylene	n/a	=	7	%	EPA 8270C	-88	-88	0	30	
2016/17-6	Lab	method blank	5/13/2017	Organic	Anthracene	n/a	<	0.34	µg/L	EPA 625	0.34	1			
2016/17-6	Lab	LCS	5/13/2017	Organic	Anthracene	n/a	=	20.5	µg/L	EPA 625	0.34	1			
2016/17-6	Lab	LCS, rec	5/13/2017	Organic	Anthracene	n/a	=	82	%	EPA 625	-88	-88	27	133	
2016/17-6	Lab	LCS dup	5/13/2017	Organic	Anthracene	n/a	=	18.5	µg/L	EPA 625	0.34	1			
2016/17-6	Lab	LCS dup, rec	5/13/2017	Organic	Anthracene	n/a	=	74	%	EPA 625	-88	-88	27	133	
2016/17-6	Lab	LCS, RPD	5/13/2017	Organic	Anthracene	n/a	=	10	%	EPA 625	-88	-88	0	30	
2016/17-6	Lab	method blank	5/17/2017	Organic	Anthracene	n/a	<	0.1	µg/L	EPA 8270C	0.1	0.1			
2016/17-6	Lab	LCS	5/17/2017	Organic	Anthracene	n/a	=	8.28	µg/L	EPA 8270C	0.1	0.1			
2016/17-6	Lab	LCS, rec	5/17/2017	Organic	Anthracene	n/a	=	83	%	EPA 8270C	-88	-88	22	127	
2016/17-6	Lab	LCS dup	5/17/2017	Organic	Anthracene	n/a	=	8.49	µg/L	EPA 8270C	0.1	0.1			
2016/17-6	Lab	LCS dup, rec	5/17/2017	Organic	Anthracene	n/a	=	85	%	EPA 8270C	-88	-88	22	127	
2016/17-6	Lab	LCS, RPD	5/17/2017	Organic	Anthracene	n/a	=	3	%	EPA 8270C	-88	-88	0	30	
2016/17-6	Lab	method blank	5/24/2017	Organic	Anthracene	n/a	<	0.1	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	
2016/17-6	Lab	LCS	5/24/2017	Organic	Anthracene	n/a	=	7.5	µg/L	EPA 8270C	0.1	0.1			
2016/17-6	Lab	LCS, rec	5/24/2017	Organic	Anthracene	n/a	=	75	%	EPA 8270C	-88	-88	22	127	
2016/17-6	Lab	LCS dup	5/24/2017	Organic	Anthracene	n/a	=	7.97	µg/L	EPA 8270C	0.1	0.1			
2016/17-6	Lab	LCS dup, rec	5/24/2017	Organic	Anthracene	n/a	=	80	%	EPA 8270C	-88	-88	22	127	
2016/17-6	Lab	LCS, RPD	5/24/2017	Organic	Anthracene	n/a	=	6	%	EPA 8270C	-88	-88	0	30	
2016/17-6	Lab	method blank	5/26/2017	Organic	Anthracene	n/a	<	0.34	µg/L	EPA 625	0.34	1			
2016/17-6	Lab	LCS	5/26/2017	Organic	Anthracene	n/a	=	20.5	µg/L	EPA 625	0.34	1			
2016/17-6	Lab	LCS, rec	5/26/2017	Organic	Anthracene	n/a	=	82	%	EPA 625	-88	-88	27	133	
2016/17-6	Lab	LCS dup	5/26/2017	Organic	Anthracene	n/a	=	21.1	µg/L	EPA 625	0.34	1			
2016/17-6	Lab	LCS dup, rec	5/26/2017	Organic	Anthracene	n/a	=	84	%	EPA 625	-88	-88	27	133	
2016/17-6	Lab	LCS, RPD	5/26/2017	Organic	Anthracene	n/a	=	3	%	EPA 625	-88	-88	0	30	
2016/17-6	Lab	method blank	5/31/2017	Organic	Anthracene	n/a	<	0.34	µg/L	EPA 625	0.34	1			
2016/17-6	Lab	LCS	5/31/2017	Organic	Anthracene	n/a	=	19.5	µg/L	EPA 625	0.34	1			
2016/17-6	Lab	LCS, rec	5/31/2017	Organic	Anthracene	n/a	=	78	%	EPA 625	-88	-88	27	133	
2016/17-6	Lab	LCS dup	5/31/2017	Organic	Anthracene	n/a	=	20.4	µg/L	EPA 625	0.34	1			
2016/17-6	Lab	LCS dup, rec	5/31/2017	Organic	Anthracene	n/a	=	82	%	EPA 625	-88	-88	27	133	
2016/17-6	Lab	LCS, RPD	5/31/2017	Organic	Anthracene	n/a	=	5	%	EPA 625	-88	-88	0	30	
2016/17-6	Lab	method blank	6/2/2017	Organic	Anthracene	n/a	<	0.1	µg/L	EPA 8270C	0.1	0.1			
2016/17-6	Lab	LCS	6/2/2017	Organic	Anthracene	n/a	=	6.7	µg/L	EPA 8270C	0.1	0.1			
2016/17-6	Lab	LCS, rec	6/2/2017	Organic	Anthracene	n/a	=	67	%	EPA 8270C	-88	-88	22	127	
2016/17-6	Lab	LCS dup	6/2/2017	Organic	Anthracene	n/a	=	7.02	µg/L	EPA 8270C	0.1	0.1			
2016/17-6	Lab	LCS dup, rec	6/2/2017	Organic	Anthracene	n/a	=	70	%	EPA 8270C	-88	-88	22	127	
2016/17-6	Lab	LCS, RPD	6/2/2017	Organic	Anthracene	n/a	=	5	%	EPA 8270C	-88	-88	0	30	
2016/17-6	Lab	method blank	5/13/2017	Organic	Benz(a)anthracene	n/a	<	0.19	µg/L	EPA 625	0.19	1			
2016/17-6	Lab	LCS	5/13/2017	Organic	Benz(a)anthracene	n/a	=	19.6	µg/L	EPA 625	0.19	1			
2016/17-6	Lab	LCS, rec	5/13/2017	Organic	Benz(a)anthracene	n/a	=	79	%	EPA 625	-88	-88	33	143	
2016/17-6	Lab	LCS dup	5/13/2017	Organic	Benz(a)anthracene	n/a	=	18	µg/L	EPA 625	0.19	1			
2016/17-6	Lab	LCS dup, rec	5/13/2017	Organic	Benz(a)anthracene	n/a	=	72	%	EPA 625	-88	-88	33	143	
2016/17-6	Lab	LCS, RPD	5/13/2017	Organic	Benz(a)anthracene	n/a	=	9	%	EPA 625	-88	-88	0	30	
2016/17-6	Lab	method blank	5/17/2017	Organic	Benz(a)anthracene	n/a	<	0.1	µg/L	EPA 8270C	0.1	0.1			
2016/17-6	Lab	LCS	5/17/2017	Organic	Benz(a)anthracene	n/a	=	8.87	µg/L	EPA 8270C	0.1	0.1			
2016/17-6	Lab	LCS, rec	5/17/2017	Organic	Benz(a)anthracene	n/a	=	89	%	EPA 8270C	-88	-88	17	131	
2016/17-6	Lab	LCS dup	5/17/2017	Organic	Benz(a)anthracene	n/a	=	8.93	µg/L	EPA 8270C	0.1	0.1			
2016/17-6	Lab	LCS dup, rec	5/17/2017	Organic	Benz(a)anthracene	n/a	=	89	%	EPA 8270C	-88	-88	17	131	
2016/17-6	Lab	LCS, RPD	5/17/2017	Organic	Benz(a)anthracene	n/a	=	0.6	%	EPA 8270C	-88	-88	0	30	
2016/17-6	Lab	method blank	5/24/2017	Organic	Benz(a)anthracene	n/a	<	0.1	µg/L	EPA 8270C	0.1	0.1			
2016/17-6	Lab	LCS	5/24/2017	Organic	Benz(a)anthracene	n/a	=	8.82	µg/L	EPA 8270C	0.1	0.1			
2016/17-6	Lab	LCS, rec	5/24/2017	Organic	Benz(a)anthracene	n/a	=	88	%	EPA 8270C	-88	-88	17	131	
2016/17-6	Lab	LCS dup	5/24/2017	Organic	Benz(a)anthracene	n/a	=	8.66	µg/L	EPA 8270C	0.1	0.1			
2016/17-6	Lab	LCS dup, rec	5/24/2017	Organic	Benz(a)anthracene	n/a	=	87	%	EPA 8270C	-88	-88	17	131	
2016/17-6	Lab	LCS, RPD	5/24/2017	Organic	Benz(a)anthracene	n/a	=	2	%	EPA 8270C	-88	-88	0	30	
2016/17-6	Lab	method blank	5/26/2017	Organic	Benz(a)anthracene	n/a	<	0.19	µg/L	EPA 625	0.19	1			
2016/17-6	Lab	LCS	5/26/2017	Organic	Benz(a)anthracene	n/a	=	19.6	µg/L	EPA 625	0.19	1			
2016/17-6	Lab	LCS, rec	5/26/2017	Organic	Benz(a)anthracene	n/a	=	78	%	EPA 625	-88	-88	33	143	
2016/17-6	Lab	LCS dup	5/26/2017	Organic	Benz(a)anthracene	n/a	=	20.1	µg/L	EPA 625	0.19	1			
2016/17-6	Lab	LCS dup, rec	5/26/2017	Organic	Benz(a)anthracene	n/a	=	80	%	EPA 625	-88	-88	33	143	
2016/17-6	Lab	LCS, RPD	5/26/2017	Organic	Benz(a)anthracene	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	
2016/17-6	Lab	method blank	5/31/2017	Organic	Benz(a)anthracene	n/a	<	0.19	µg/L	EPA 625	0.19	1			
2016/17-6	Lab	LCS	5/31/2017	Organic	Benz(a)anthracene	n/a	=	19.4	µg/L	EPA 625	0.19	1			
2016/17-6	Lab	LCS, rec	5/31/2017	Organic	Benz(a)anthracene	n/a	=	77	%	EPA 625	-88	-88	33	143	
2016/17-6	Lab	LCS dup	5/31/2017	Organic	Benz(a)anthracene	n/a	=	19.8	µg/L	EPA 625	0.19	1			
2016/17-6	Lab	LCS dup, rec	5/31/2017	Organic	Benz(a)anthracene	n/a	=	79	%	EPA 625	-88	-88	33	143	
2016/17-6	Lab	LCS, RPD	5/31/2017	Organic	Benz(a)anthracene	n/a	=	2	%	EPA 625	-88	-88	0	30	
2016/17-6	Lab	method blank	6/2/2017	Organic	Benz(a)anthracene	n/a	<	0.1	µg/L	EPA 8270C	0.1	0.1			
2016/17-6	Lab	LCS	6/2/2017	Organic	Benz(a)anthracene	n/a	=	8.53	µg/L	EPA 8270C	0.1	0.1			
2016/17-6	Lab	LCS, rec	6/2/2017	Organic	Benz(a)anthracene	n/a	=	85	%	EPA 8270C	-88	-88	17	131	
2016/17-6	Lab	LCS dup	6/2/2017	Organic	Benz(a)anthracene	n/a	=	8.27	µg/L	EPA 8270C	0.1	0.1			
2016/17-6	Lab	LCS dup, rec	6/2/2017	Organic	Benz(a)anthracene	n/a	=	83	%	EPA 8270C	-88	-88	17	131	
2016/17-6	Lab	LCS, RPD	6/2/2017	Organic	Benz(a)anthracene	n/a	=	3	%	EPA 8270C	-88	-88	0	30	
2016/17-6	Lab	method blank	5/13/2017	Organic	Benzidine	n/a	<	3.7	µg/L	EPA 625	3.7	10			
2016/17-6	Lab	method blank	5/26/2017	Organic	Benzidine	n/a	<	0.7	µg/L	EPA 625	0.7	5			
2016/17-6	Lab	method blank	5/31/2017	Organic	Benzidine	n/a	<	0.7	µg/L	EPA 625	0.7	5			
2016/17-6	Lab	method blank	5/5/2017	Organic	Benzo(a)pyrene	n/a	<	0.07	µg/L	EPA 525.2	0.07	0.1			
2016/17-6	Lab	LCS	5/5/2017	Organic	Benzo(a)pyrene	n/a	=	4.56	µg/L	EPA 525.2	0.07	0.1			
2016/17-6	Lab	LCS, rec	5/5/2017	Organic	Benzo(a)pyrene	n/a	=	91	%	EPA 525.2	-88	-88	40	147	
2016/17-6	Lab	LCS dup	5/5/2017	Organic	Benzo(a)pyrene	n/a	=	4.6	µg/L	EPA 525.2	0.07	0.1			
2016/17-6	Lab	LCS dup, rec	5/5/2017	Organic	Benzo(a)pyrene	n/a	=	92	%	EPA 525.2	-88	-88	40	147	
2016/17-6	Lab	LCS, RPD	5/5/2017	Organic	Benzo(a)pyrene	n/a	=	0.7	%	EPA 525.2	-88	-88	0	30	
2016/17-6	Lab	method blank	5/13/2017	Organic	Benzo(a)pyrene	n/a	<	0.13	µg/L	EPA 625	0.13	1			
2016/17-6	Lab	LCS	5/13/2017	Organic	Benzo(a)pyrene	n/a	=	22.5	µg/L	EPA 625	0.13	1			
2016/17-6	Lab	LCS, rec	5/13/2017	Organic	Benzo(a)pyrene	n/a	=	90	%	EPA 625	-88	-88	17	163	
2016/17-6	Lab	LCS dup	5/13/2017	Organic	Benzo(a)pyrene	n/a	=	20.3	µg/L	EPA 625	0.13	1			
2016/17-6	Lab	LCS dup, rec	5/13/2017	Organic	Benzo(a)pyrene	n/a	=	81	%	EPA 625	-88	-88	17	163	
2016/17-6	Lab	LCS, RPD	5/13/2017	Organic	Benzo(a)pyrene	n/a	=	10	%	EPA 625	-88	-88	0	30	
2016/17-6	Lab	method blank	5/17/2017	Organic	Benzo(a)pyrene	n/a	<	0.1	µg/L	EPA 8270C	0.1	0.1			
2016/17-6	Lab	LCS	5/17/2017	Organic	Benzo(a)pyrene	n/a	=	8.43	µg/L	EPA 8270C	0.1	0.1			
2016/17-6	Lab	LCS, rec	5/17/2017	Organic	Benzo(a)pyrene	n/a	=	84	%	EPA 8270C	-88	-88	12	131	
2016/17-6	Lab	LCS dup	5/17/2017	Organic	Benzo(a)pyrene	n/a	=	8.4	µg/L	EPA 8270C	0.1	0.1			
2016/17-6	Lab	LCS dup, rec	5/17/2017	Organic	Benzo(a)pyrene	n/a	=	84	%	EPA 8270C	-88	-88	12	131	
2016/17-6	Lab	LCS, RPD	5/17/2017	Organic	Benzo(a)pyrene	n/a	=	0.4	%	EPA 8270C	-88	-88	0	30	
2016/17-6	Lab	method blank	5/24/2017	Organic	Benzo(a)pyrene	n/a	<	0.1	µg/L	EPA 8270C	0.1	0.1			
2016/17-6	Lab	LCS	5/24/2017	Organic	Benzo(a)pyrene	n/a	=	9.15	µg/L	EPA 8270C	0.1	0.1			
2016/17-6	Lab	LCS, rec	5/24/2017	Organic	Benzo(a)pyrene	n/a	=	92	%	EPA 8270C	-88	-88	12	131	
2016/17-6	Lab	LCS dup	5/24/2017	Organic	Benzo(a)pyrene	n/a	=	8.86	µg/L	EPA 8270C	0.1	0.1			
2016/17-6	Lab	LCS dup, rec	5/24/2017	Organic	Benzo(a)pyrene	n/a	=	89	%	EPA 8270C	-88	-88	12	131	
2016/17-6	Lab	LCS, RPD	5/24/2017	Organic	Benzo(a)pyrene	n/a	=	3	%	EPA 8270C	-88	-88	0	30	
2016/17-6	Lab	method blank	5/24/2017	Organic	Benzo(a)pyrene	n/a	<	0.07	µg/L	EPA 525.2	0.07	0.1			
2016/17-6	Lab	LCS	5/24/2017	Organic	Benzo(a)pyrene	n/a	=	4.88	µg/L	EPA 525.2	0.07	0.1			
2016/17-6	Lab	LCS, rec	5/24/2017	Organic	Benzo(a)pyrene	n/a	=	98	%	EPA 525.2	-88	-88	40	147	
2016/17-6	Lab	LCS dup	5/24/2017	Organic	Benzo(a)pyrene	n/a	=	4.87	µg/L	EPA 525.2	0.07	0.1			
2016/17-6	Lab	LCS dup, rec	5/24/2017	Organic	Benzo(a)pyrene	n/a	=	97	%	EPA 525.2	-88	-88	40	147	
2016/17-6	Lab	LCS, RPD	5/24/2017	Organic	Benzo(a)pyrene	n/a	=	0.3	%	EPA 525.2	-88	-88	0	30	
2016/17-6	Lab	method blank	5/26/2017	Organic	Benzo(a)pyrene	n/a	<	0.13	µg/L	EPA 625	0.13	1			
2016/17-6	Lab	LCS	5/26/2017	Organic	Benzo(a)pyrene	n/a	=	22.1	µg/L	EPA 625	0.13	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	
2016/17-6	Lab	LCS, rec	5/26/2017	Organic	Benzo(a)pyrene	n/a	=	88	%	EPA 625	-88	-88	17	163	
2016/17-6	Lab	LCS dup	5/26/2017	Organic	Benzo(a)pyrene	n/a	=	22.8	µg/L	EPA 625	0.13	1			
2016/17-6	Lab	LCS dup, rec	5/26/2017	Organic	Benzo(a)pyrene	n/a	=	91	%	EPA 625	-88	-88	17	163	
2016/17-6	Lab	LCS, RPD	5/26/2017	Organic	Benzo(a)pyrene	n/a	=	3	%	EPA 625	-88	-88	0	30	
2016/17-6	Lab	method blank	5/31/2017	Organic	Benzo(a)pyrene	n/a	<	0.13	µg/L	EPA 625	0.13	1			
2016/17-6	Lab	LCS	5/31/2017	Organic	Benzo(a)pyrene	n/a	=	23.3	µg/L	EPA 625	0.13	1			
2016/17-6	Lab	LCS, rec	5/31/2017	Organic	Benzo(a)pyrene	n/a	=	93	%	EPA 625	-88	-88	17	163	
2016/17-6	Lab	LCS dup	5/31/2017	Organic	Benzo(a)pyrene	n/a	=	23.9	µg/L	EPA 625	0.13	1			
2016/17-6	Lab	LCS dup, rec	5/31/2017	Organic	Benzo(a)pyrene	n/a	=	96	%	EPA 625	-88	-88	17	163	
2016/17-6	Lab	LCS, RPD	5/31/2017	Organic	Benzo(a)pyrene	n/a	=	2	%	EPA 625	-88	-88	0	30	
2016/17-6	Lab	method blank	6/2/2017	Organic	Benzo(a)pyrene	n/a	<	0.1	µg/L	EPA 8270C	0.1	0.1			
2016/17-6	Lab	LCS	6/2/2017	Organic	Benzo(a)pyrene	n/a	=	9.58	µg/L	EPA 8270C	0.1	0.1			
2016/17-6	Lab	LCS, rec	6/2/2017	Organic	Benzo(a)pyrene	n/a	=	96	%	EPA 8270C	-88	-88	12	131	
2016/17-6	Lab	LCS dup	6/2/2017	Organic	Benzo(a)pyrene	n/a	=	9.23	µg/L	EPA 8270C	0.1	0.1			
2016/17-6	Lab	LCS dup, rec	6/2/2017	Organic	Benzo(a)pyrene	n/a	=	92	%	EPA 8270C	-88	-88	12	131	
2016/17-6	Lab	LCS, RPD	6/2/2017	Organic	Benzo(a)pyrene	n/a	=	4	%	EPA 8270C	-88	-88	0	30	
2016/17-6	Lab	method blank	6/15/2017	Organic	Benzo(a)pyrene	n/a	<	0.07	µg/L	EPA 525.2	0.07	0.1			
2016/17-6	Lab	LCS	6/15/2017	Organic	Benzo(a)pyrene	n/a	=	4.87	µg/L	EPA 525.2	0.07	0.1			
2016/17-6	Lab	LCS, rec	6/15/2017	Organic	Benzo(a)pyrene	n/a	=	97	%	EPA 525.2	-88	-88	40	147	
2016/17-6	Lab	LCS dup	6/15/2017	Organic	Benzo(a)pyrene	n/a	=	4.99	µg/L	EPA 525.2	0.07	0.1			
2016/17-6	Lab	LCS dup, rec	6/15/2017	Organic	Benzo(a)pyrene	n/a	=	100	%	EPA 525.2	-88	-88	40	147	
2016/17-6	Lab	LCS, RPD	6/15/2017	Organic	Benzo(a)pyrene	n/a	=	2	%	EPA 525.2	-88	-88	0	30	
2016/17-6	Lab	method blank	5/13/2017	Organic	Benzo(b)fluoranthene	n/a	<	0.14	µg/L	EPA 625	0.14	1			
2016/17-6	Lab	LCS	5/13/2017	Organic	Benzo(b)fluoranthene	n/a	=	21.9	µg/L	EPA 625	0.14	1			
2016/17-6	Lab	LCS, rec	5/13/2017	Organic	Benzo(b)fluoranthene	n/a	=	88	%	EPA 625	-88	-88	24	159	
2016/17-6	Lab	LCS dup	5/13/2017	Organic	Benzo(b)fluoranthene	n/a	=	19.2	µg/L	EPA 625	0.14	1			
2016/17-6	Lab	LCS dup, rec	5/13/2017	Organic	Benzo(b)fluoranthene	n/a	=	77	%	EPA 625	-88	-88	24	159	
2016/17-6	Lab	LCS, RPD	5/13/2017	Organic	Benzo(b)fluoranthene	n/a	=	13	%	EPA 625	-88	-88	0	30	
2016/17-6	Lab	method blank	5/17/2017	Organic	Benzo(b)fluoranthene	n/a	<	0.1	µg/L	EPA 8270C	0.1	0.1			
2016/17-6	Lab	LCS	5/17/2017	Organic	Benzo(b)fluoranthene	n/a	=	8.41	µg/L	EPA 8270C	0.1	0.1			
2016/17-6	Lab	LCS, rec	5/17/2017	Organic	Benzo(b)fluoranthene	n/a	=	84	%	EPA 8270C	-88	-88	19	129	
2016/17-6	Lab	LCS dup	5/17/2017	Organic	Benzo(b)fluoranthene	n/a	=	8.46	µg/L	EPA 8270C	0.1	0.1			
2016/17-6	Lab	LCS dup, rec	5/17/2017	Organic	Benzo(b)fluoranthene	n/a	=	85	%	EPA 8270C	-88	-88	19	129	
2016/17-6	Lab	LCS, RPD	5/17/2017	Organic	Benzo(b)fluoranthene	n/a	=	0.5	%	EPA 8270C	-88	-88	0	30	
2016/17-6	Lab	method blank	5/24/2017	Organic	Benzo(b)fluoranthene	n/a	<	0.1	µg/L	EPA 8270C	0.1	0.1			
2016/17-6	Lab	LCS	5/24/2017	Organic	Benzo(b)fluoranthene	n/a	=	8.97	µg/L	EPA 8270C	0.1	0.1			
2016/17-6	Lab	LCS, rec	5/24/2017	Organic	Benzo(b)fluoranthene	n/a	=	90	%	EPA 8270C	-88	-88	19	129	
2016/17-6	Lab	LCS dup	5/24/2017	Organic	Benzo(b)fluoranthene	n/a	=	9.03	µg/L	EPA 8270C	0.1	0.1			
2016/17-6	Lab	LCS dup, rec	5/24/2017	Organic	Benzo(b)fluoranthene	n/a	=	90	%	EPA 8270C	-88	-88	19	129	
2016/17-6	Lab	LCS, RPD	5/24/2017	Organic	Benzo(b)fluoranthene	n/a	=	0.7	%	EPA 8270C	-88	-88	0	30	
2016/17-6	Lab	method blank	5/26/2017	Organic	Benzo(b)fluoranthene	n/a	<	0.14	µg/L	EPA 625	0.14	1			
2016/17-6	Lab	LCS	5/26/2017	Organic	Benzo(b)fluoranthene	n/a	=	23.5	µg/L	EPA 625	0.14	1			
2016/17-6	Lab	LCS, rec	5/26/2017	Organic	Benzo(b)fluoranthene	n/a	=	94	%	EPA 625	-88	-88	24	159	
2016/17-6	Lab	LCS dup	5/26/2017	Organic	Benzo(b)fluoranthene	n/a	=	24.7	µg/L	EPA 625	0.14	1			
2016/17-6	Lab	LCS dup, rec	5/26/2017	Organic	Benzo(b)fluoranthene	n/a	=	99	%	EPA 625	-88	-88	24	159	
2016/17-6	Lab	LCS, RPD	5/26/2017	Organic	Benzo(b)fluoranthene	n/a	=	5	%	EPA 625	-88	-88	0	30	
2016/17-6	Lab	method blank	5/31/2017	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	
2016/17-6	Lab	LCS	5/31/2017	Organic	Benzo(b)fluoranthene	n/a	=	25.5	µg/L	EPA 625	0.14	1			
2016/17-6	Lab	LCS, rec	5/31/2017	Organic	Benzo(b)fluoranthene	n/a	=	102	%	EPA 625	-88	-88	24	159	
2016/17-6	Lab	LCS dup	5/31/2017	Organic	Benzo(b)fluoranthene	n/a	=	26.3	µg/L	EPA 625	0.14	1			
2016/17-6	Lab	LCS dup, rec	5/31/2017	Organic	Benzo(b)fluoranthene	n/a	=	105	%	EPA 625	-88	-88	24	159	
2016/17-6	Lab	LCS, RPD	5/31/2017	Organic	Benzo(b)fluoranthene	n/a	=	3	%	EPA 625	-88	-88	0	30	
2016/17-6	Lab	method blank	6/2/2017	Organic	Benzo(b)fluoranthene	n/a	<	0.1	µg/L	EPA 8270C	0.1	0.1			
2016/17-6	Lab	LCS	6/2/2017	Organic	Benzo(b)fluoranthene	n/a	=	9.22	µg/L	EPA 8270C	0.1	0.1			
2016/17-6	Lab	LCS, rec	6/2/2017	Organic	Benzo(b)fluoranthene	n/a	=	92	%	EPA 8270C	-88	-88	19	129	
2016/17-6	Lab	LCS dup	6/2/2017	Organic	Benzo(b)fluoranthene	n/a	=	8.97	µg/L	EPA 8270C	0.1	0.1			
2016/17-6	Lab	LCS dup, rec	6/2/2017	Organic	Benzo(b)fluoranthene	n/a	=	90	%	EPA 8270C	-88	-88	19	129	
2016/17-6	Lab	LCS, RPD	6/2/2017	Organic	Benzo(b)fluoranthene	n/a	=	3	%	EPA 8270C	-88	-88	0	30	
2016/17-6	Lab	method blank	5/13/2017	Organic	Benzo(g,h,i)perylene	n/a	<	0.1	µg/L	EPA 625	0.1	2			
2016/17-6	Lab	LCS	5/13/2017	Organic	Benzo(g,h,i)perylene	n/a	=	20.9	µg/L	EPA 625	0.1	2			
2016/17-6	Lab	LCS, rec	5/13/2017	Organic	Benzo(g,h,i)perylene	n/a	=	84	%	EPA 625	-88	-88	0.1	219	
2016/17-6	Lab	LCS dup	5/13/2017	Organic	Benzo(g,h,i)perylene	n/a	=	19.3	µg/L	EPA 625	0.1	2			
2016/17-6	Lab	LCS dup, rec	5/13/2017	Organic	Benzo(g,h,i)perylene	n/a	=	77	%	EPA 625	-88	-88	0.1	219	
2016/17-6	Lab	LCS, RPD	5/13/2017	Organic	Benzo(g,h,i)perylene	n/a	=	8	%	EPA 625	-88	-88	0	30	
2016/17-6	Lab	method blank	5/17/2017	Organic	Benzo(g,h,i)perylene	n/a	<	0.1	µg/L	EPA 8270C	0.1	0.1			
2016/17-6	Lab	LCS	5/17/2017	Organic	Benzo(g,h,i)perylene	n/a	=	8.14	µg/L	EPA 8270C	0.1	0.1			
2016/17-6	Lab	LCS, rec	5/17/2017	Organic	Benzo(g,h,i)perylene	n/a	=	81	%	EPA 8270C	-88	-88	14	139	
2016/17-6	Lab	LCS dup	5/17/2017	Organic	Benzo(g,h,i)perylene	n/a	=	8.08	µg/L	EPA 8270C	0.1	0.1			
2016/17-6	Lab	LCS dup, rec	5/17/2017	Organic	Benzo(g,h,i)perylene	n/a	=	81	%	EPA 8270C	-88	-88	14	139	
2016/17-6	Lab	LCS, RPD	5/17/2017	Organic	Benzo(g,h,i)perylene	n/a	=	0.7	%	EPA 8270C	-88	-88	0	30	
2016/17-6	Lab	method blank	5/24/2017	Organic	Benzo(g,h,i)perylene	n/a	<	0.1	µg/L	EPA 8270C	0.1	0.1			
2016/17-6	Lab	LCS	5/24/2017	Organic	Benzo(g,h,i)perylene	n/a	=	8.83	µg/L	EPA 8270C	0.1	0.1			
2016/17-6	Lab	LCS, rec	5/24/2017	Organic	Benzo(g,h,i)perylene	n/a	=	88	%	EPA 8270C	-88	-88	14	139	
2016/17-6	Lab	LCS dup	5/24/2017	Organic	Benzo(g,h,i)perylene	n/a	=	8.49	µg/L	EPA 8270C	0.1	0.1			
2016/17-6	Lab	LCS dup, rec	5/24/2017	Organic	Benzo(g,h,i)perylene	n/a	=	85	%	EPA 8270C	-88	-88	14	139	
2016/17-6	Lab	LCS, RPD	5/24/2017	Organic	Benzo(g,h,i)perylene	n/a	=	4	%	EPA 8270C	-88	-88	0	30	
2016/17-6	Lab	method blank	5/26/2017	Organic	Benzo(g,h,i)perylene	n/a	<	0.1	µg/L	EPA 625	0.1	2			
2016/17-6	Lab	LCS	5/26/2017	Organic	Benzo(g,h,i)perylene	n/a	=	20.6	µg/L	EPA 625	0.1	2			
2016/17-6	Lab	LCS, rec	5/26/2017	Organic	Benzo(g,h,i)perylene	n/a	=	83	%	EPA 625	-88	-88	0.1	219	
2016/17-6	Lab	LCS dup	5/26/2017	Organic	Benzo(g,h,i)perylene	n/a	=	21.4	µg/L	EPA 625	0.1	2			
2016/17-6	Lab	LCS dup, rec	5/26/2017	Organic	Benzo(g,h,i)perylene	n/a	=	86	%	EPA 625	-88	-88	0.1	219	
2016/17-6	Lab	LCS, RPD	5/26/2017	Organic	Benzo(g,h,i)perylene	n/a	=	4	%	EPA 625	-88	-88	0	30	
2016/17-6	Lab	method blank	5/31/2017	Organic	Benzo(g,h,i)perylene	n/a	<	0.1	µg/L	EPA 625	0.1	2			
2016/17-6	Lab	LCS	5/31/2017	Organic	Benzo(g,h,i)perylene	n/a	=	22.5	µg/L	EPA 625	0.1	2			
2016/17-6	Lab	LCS, rec	5/31/2017	Organic	Benzo(g,h,i)perylene	n/a	=	90	%	EPA 625	-88	-88	0.1	219	
2016/17-6	Lab	LCS dup	5/31/2017	Organic	Benzo(g,h,i)perylene	n/a	=	23.1	µg/L	EPA 625	0.1	2			
2016/17-6	Lab	LCS dup, rec	5/31/2017	Organic	Benzo(g,h,i)perylene	n/a	=	92	%	EPA 625	-88	-88	0.1	219	
2016/17-6	Lab	LCS, RPD	5/31/2017	Organic	Benzo(g,h,i)perylene	n/a	=	3	%	EPA 625	-88	-88	0	30	
2016/17-6	Lab	method blank	6/2/2017	Organic	Benzo(g,h,i)perylene	n/a	<	0.1	µg/L	EPA 8270C	0.1	0.1			
2016/17-6	Lab	LCS	6/2/2017	Organic	Benzo(g,h,i)perylene	n/a	=	10.7	µg/L	EPA 8270C	0.1	0.1			
2016/17-6	Lab	LCS, rec	6/2/2017	Organic	Benzo(g,h,i)perylene	n/a	=	107	%	EPA 8270C	-88	-88	14	139	
2016/17-6	Lab	LCS dup	6/2/2017	Organic	Benzo(g,h,i)perylene	n/a	=	10.1	µg/L	EPA 8270C	0.1	0.1			
2016/17-6	Lab	LCS dup, rec	6/2/2017	Organic	Benzo(g,h,i)perylene	n/a	=	101	%	EPA 8270C	-88	-88	14	139	
2016/17-6	Lab	LCS, RPD	6/2/2017	Organic	Benzo(g,h,i)perylene	n/a	=	5	%	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	
2016/17-6	Lab	method blank	5/13/2017	Organic	Benzo(k)fluoranthene	n/a	<	0.22	µg/L	EPA 625	0.22	1			
2016/17-6	Lab	LCS	5/13/2017	Organic	Benzo(k)fluoranthene	n/a	=	23.7	µg/L	EPA 625	0.22	1			
2016/17-6	Lab	LCS, rec	5/13/2017	Organic	Benzo(k)fluoranthene	n/a	=	95	%	EPA 625	-88	-88	11	162	
2016/17-6	Lab	LCS dup	5/13/2017	Organic	Benzo(k)fluoranthene	n/a	=	21.1	µg/L	EPA 625	0.22	1			
2016/17-6	Lab	LCS dup, rec	5/13/2017	Organic	Benzo(k)fluoranthene	n/a	=	84	%	EPA 625	-88	-88	11	162	
2016/17-6	Lab	LCS, RPD	5/13/2017	Organic	Benzo(k)fluoranthene	n/a	=	12	%	EPA 625	-88	-88	0	30	
2016/17-6	Lab	method blank	5/17/2017	Organic	Benzo(k)fluoranthene	n/a	<	0.1	µg/L	EPA 8270C	0.1	0.1			
2016/17-6	Lab	LCS	5/17/2017	Organic	Benzo(k)fluoranthene	n/a	=	9.19	µg/L	EPA 8270C	0.1	0.1			
2016/17-6	Lab	LCS, rec	5/17/2017	Organic	Benzo(k)fluoranthene	n/a	=	92	%	EPA 8270C	-88	-88	22	127	
2016/17-6	Lab	LCS dup	5/17/2017	Organic	Benzo(k)fluoranthene	n/a	=	9.26	µg/L	EPA 8270C	0.1	0.1			
2016/17-6	Lab	LCS dup, rec	5/17/2017	Organic	Benzo(k)fluoranthene	n/a	=	93	%	EPA 8270C	-88	-88	22	127	
2016/17-6	Lab	LCS, RPD	5/17/2017	Organic	Benzo(k)fluoranthene	n/a	=	0.8	%	EPA 8270C	-88	-88	0	30	
2016/17-6	Lab	method blank	5/24/2017	Organic	Benzo(k)fluoranthene	n/a	<	0.1	µg/L	EPA 8270C	0.1	0.1			
2016/17-6	Lab	LCS	5/24/2017	Organic	Benzo(k)fluoranthene	n/a	=	8.7	µg/L	EPA 8270C	0.1	0.1			
2016/17-6	Lab	LCS, rec	5/24/2017	Organic	Benzo(k)fluoranthene	n/a	=	87	%	EPA 8270C	-88	-88	22	127	
2016/17-6	Lab	LCS dup	5/24/2017	Organic	Benzo(k)fluoranthene	n/a	=	8.42	µg/L	EPA 8270C	0.1	0.1			
2016/17-6	Lab	LCS dup, rec	5/24/2017	Organic	Benzo(k)fluoranthene	n/a	=	84	%	EPA 8270C	-88	-88	22	127	
2016/17-6	Lab	LCS, RPD	5/24/2017	Organic	Benzo(k)fluoranthene	n/a	=	3	%	EPA 8270C	-88	-88	0	30	
2016/17-6	Lab	method blank	5/26/2017	Organic	Benzo(k)fluoranthene	n/a	<	0.22	µg/L	EPA 625	0.22	1			
2016/17-6	Lab	LCS	5/26/2017	Organic	Benzo(k)fluoranthene	n/a	=	24.6	µg/L	EPA 625	0.22	1			
2016/17-6	Lab	LCS, rec	5/26/2017	Organic	Benzo(k)fluoranthene	n/a	=	98	%	EPA 625	-88	-88	11	162	
2016/17-6	Lab	LCS dup	5/26/2017	Organic	Benzo(k)fluoranthene	n/a	=	22.7	µg/L	EPA 625	0.22	1			
2016/17-6	Lab	LCS dup, rec	5/26/2017	Organic	Benzo(k)fluoranthene	n/a	=	91	%	EPA 625	-88	-88	11	162	
2016/17-6	Lab	LCS, RPD	5/26/2017	Organic	Benzo(k)fluoranthene	n/a	=	8	%	EPA 625	-88	-88	0	30	
2016/17-6	Lab	method blank	5/31/2017	Organic	Benzo(k)fluoranthene	n/a	<	0.22	µg/L	EPA 625	0.22	1			
2016/17-6	Lab	LCS	5/31/2017	Organic	Benzo(k)fluoranthene	n/a	=	21.4	µg/L	EPA 625	0.22	1			
2016/17-6	Lab	LCS, rec	5/31/2017	Organic	Benzo(k)fluoranthene	n/a	=	86	%	EPA 625	-88	-88	11	162	
2016/17-6	Lab	LCS dup	5/31/2017	Organic	Benzo(k)fluoranthene	n/a	=	22.7	µg/L	EPA 625	0.22	1			
2016/17-6	Lab	LCS dup, rec	5/31/2017	Organic	Benzo(k)fluoranthene	n/a	=	91	%	EPA 625	-88	-88	11	162	
2016/17-6	Lab	LCS, RPD	5/31/2017	Organic	Benzo(k)fluoranthene	n/a	=	6	%	EPA 625	-88	-88	0	30	
2016/17-6	Lab	method blank	6/2/2017	Organic	Benzo(k)fluoranthene	n/a	<	0.1	µg/L	EPA 8270C	0.1	0.1			
2016/17-6	Lab	LCS	6/2/2017	Organic	Benzo(k)fluoranthene	n/a	=	9.21	µg/L	EPA 8270C	0.1	0.1			
2016/17-6	Lab	LCS, rec	6/2/2017	Organic	Benzo(k)fluoranthene	n/a	=	92	%	EPA 8270C	-88	-88	22	127	
2016/17-6	Lab	LCS dup	6/2/2017	Organic	Benzo(k)fluoranthene	n/a	=	8.79	µg/L	EPA 8270C	0.1	0.1			
2016/17-6	Lab	LCS dup, rec	6/2/2017	Organic	Benzo(k)fluoranthene	n/a	=	88	%	EPA 8270C	-88	-88	22	127	
2016/17-6	Lab	LCS, RPD	6/2/2017	Organic	Benzo(k)fluoranthene	n/a	=	5	%	EPA 8270C	-88	-88	0	30	
2016/17-6	Lab	method blank	5/13/2017	Organic	Bis(2-chloroethoxy)methane	n/a	<	0.25	µg/L	EPA 625	0.25	1			
2016/17-6	Lab	LCS	5/13/2017	Organic	Bis(2-chloroethoxy)methane	n/a	=	18.4	µg/L	EPA 625	0.25	1			
2016/17-6	Lab	LCS, rec	5/13/2017	Organic	Bis(2-chloroethoxy)methane	n/a	=	74	%	EPA 625	-88	-88	33	184	
2016/17-6	Lab	LCS dup	5/13/2017	Organic	Bis(2-chloroethoxy)methane	n/a	=	17.2	µg/L	EPA 625	0.25	1			
2016/17-6	Lab	LCS dup, rec	5/13/2017	Organic	Bis(2-chloroethoxy)methane	n/a	=	69	%	EPA 625	-88	-88	33	184	
2016/17-6	Lab	LCS, RPD	5/13/2017	Organic	Bis(2-chloroethoxy)methane	n/a	=	7	%	EPA 625	-88	-88	0	30	
2016/17-6	Lab	method blank	5/26/2017	Organic	Bis(2-chloroethoxy)methane	n/a	<	0.25	µg/L	EPA 625	0.25	1			
2016/17-6	Lab	LCS	5/26/2017	Organic	Bis(2-chloroethoxy)methane	n/a	=	21.2	µg/L	EPA 625	0.25	1			
2016/17-6	Lab	LCS, rec	5/26/2017	Organic	Bis(2-chloroethoxy)methane	n/a	=	85	%	EPA 625	-88	-88	33	184	
2016/17-6	Lab	LCS dup	5/26/2017	Organic	Bis(2-chloroethoxy)methane	n/a	=	21.1	µg/L	EPA 625	0.25	1			
2016/17-6	Lab	LCS dup, rec	5/26/2017	Organic	Bis(2-chloroethoxy)methane	n/a	=	84	%	EPA 625	-88	-88	33	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	
2016/17-6	Lab	LCS, RPD	5/26/2017	Organic	Bis(2-chloroethoxy)methane	n/a	=	0.8	%	EPA 625	-88	-88	0	30	
2016/17-6	Lab	method blank	5/31/2017	Organic	Bis(2-chloroethoxy)methane	n/a	<	0.25	µg/L	EPA 625	0.25	1			
2016/17-6	Lab	LCS	5/31/2017	Organic	Bis(2-chloroethoxy)methane	n/a	=	18	µg/L	EPA 625	0.25	1			
2016/17-6	Lab	LCS, rec	5/31/2017	Organic	Bis(2-chloroethoxy)methane	n/a	=	72	%	EPA 625	-88	-88	33	184	
2016/17-6	Lab	LCS dup	5/31/2017	Organic	Bis(2-chloroethoxy)methane	n/a	=	18.6	µg/L	EPA 625	0.25	1			
2016/17-6	Lab	LCS dup, rec	5/31/2017	Organic	Bis(2-chloroethoxy)methane	n/a	=	74	%	EPA 625	-88	-88	33	184	
2016/17-6	Lab	LCS, RPD	5/31/2017	Organic	Bis(2-chloroethoxy)methane	n/a	=	3	%	EPA 625	-88	-88	0	30	
2016/17-6	Lab	method blank	5/13/2017	Organic	Bis(2-chloroethyl)ether	n/a	<	0.27	µg/L	EPA 625	0.27	1			
2016/17-6	Lab	LCS	5/13/2017	Organic	Bis(2-chloroethyl)ether	n/a	=	17.7	µg/L	EPA 625	0.27	1			
2016/17-6	Lab	LCS, rec	5/13/2017	Organic	Bis(2-chloroethyl)ether	n/a	=	71	%	EPA 625	-88	-88	12	158	
2016/17-6	Lab	LCS dup	5/13/2017	Organic	Bis(2-chloroethyl)ether	n/a	=	16.2	µg/L	EPA 625	0.27	1			
2016/17-6	Lab	LCS dup, rec	5/13/2017	Organic	Bis(2-chloroethyl)ether	n/a	=	65	%	EPA 625	-88	-88	12	158	
2016/17-6	Lab	LCS, RPD	5/13/2017	Organic	Bis(2-chloroethyl)ether	n/a	=	9	%	EPA 625	-88	-88	0	30	
2016/17-6	Lab	method blank	5/26/2017	Organic	Bis(2-chloroethyl)ether	n/a	<	0.27	µg/L	EPA 625	0.27	1			
2016/17-6	Lab	LCS	5/26/2017	Organic	Bis(2-chloroethyl)ether	n/a	=	19.8	µg/L	EPA 625	0.27	1			
2016/17-6	Lab	LCS, rec	5/26/2017	Organic	Bis(2-chloroethyl)ether	n/a	=	79	%	EPA 625	-88	-88	12	158	
2016/17-6	Lab	LCS dup	5/26/2017	Organic	Bis(2-chloroethyl)ether	n/a	=	18.8	µg/L	EPA 625	0.27	1			
2016/17-6	Lab	LCS dup, rec	5/26/2017	Organic	Bis(2-chloroethyl)ether	n/a	=	75	%	EPA 625	-88	-88	12	158	
2016/17-6	Lab	LCS, RPD	5/26/2017	Organic	Bis(2-chloroethyl)ether	n/a	=	5	%	EPA 625	-88	-88	0	30	
2016/17-6	Lab	method blank	5/31/2017	Organic	Bis(2-chloroethyl)ether	n/a	<	0.27	µg/L	EPA 625	0.27	1			
2016/17-6	Lab	LCS	5/31/2017	Organic	Bis(2-chloroethyl)ether	n/a	=	16.6	µg/L	EPA 625	0.27	1			
2016/17-6	Lab	LCS, rec	5/31/2017	Organic	Bis(2-chloroethyl)ether	n/a	=	67	%	EPA 625	-88	-88	12	158	
2016/17-6	Lab	LCS dup	5/31/2017	Organic	Bis(2-chloroethyl)ether	n/a	=	17.2	µg/L	EPA 625	0.27	1			
2016/17-6	Lab	LCS dup, rec	5/31/2017	Organic	Bis(2-chloroethyl)ether	n/a	=	69	%	EPA 625	-88	-88	12	158	
2016/17-6	Lab	LCS, RPD	5/31/2017	Organic	Bis(2-chloroethyl)ether	n/a	=	3	%	EPA 625	-88	-88	0	30	
2016/17-6	Lab	method blank	5/13/2017	Organic	Bis(2-chloroisopropyl)ether	n/a	<	0.38	µg/L	EPA 625	0.38	1			
2016/17-6	Lab	LCS	5/13/2017	Organic	Bis(2-chloroisopropyl)ether	n/a	=	19.5	µg/L	EPA 625	0.38	1			
2016/17-6	Lab	LCS, rec	5/13/2017	Organic	Bis(2-chloroisopropyl)ether	n/a	=	78	%	EPA 625	-88	-88	36	166	
2016/17-6	Lab	LCS dup	5/13/2017	Organic	Bis(2-chloroisopropyl)ether	n/a	=	17.7	µg/L	EPA 625	0.38	1			
2016/17-6	Lab	LCS dup, rec	5/13/2017	Organic	Bis(2-chloroisopropyl)ether	n/a	=	71	%	EPA 625	-88	-88	36	166	
2016/17-6	Lab	LCS, RPD	5/13/2017	Organic	Bis(2-chloroisopropyl)ether	n/a	=	9	%	EPA 625	-88	-88	0	30	
2016/17-6	Lab	method blank	5/26/2017	Organic	Bis(2-chloroisopropyl)ether	n/a	<	0.38	µg/L	EPA 625	0.38	1			
2016/17-6	Lab	LCS	5/26/2017	Organic	Bis(2-chloroisopropyl)ether	n/a	=	21.3	µg/L	EPA 625	0.38	1			
2016/17-6	Lab	LCS, rec	5/26/2017	Organic	Bis(2-chloroisopropyl)ether	n/a	=	85	%	EPA 625	-88	-88	36	166	
2016/17-6	Lab	LCS dup	5/26/2017	Organic	Bis(2-chloroisopropyl)ether	n/a	=	20	µg/L	EPA 625	0.38	1			
2016/17-6	Lab	LCS dup, rec	5/26/2017	Organic	Bis(2-chloroisopropyl)ether	n/a	=	80	%	EPA 625	-88	-88	36	166	
2016/17-6	Lab	LCS, RPD	5/26/2017	Organic	Bis(2-chloroisopropyl)ether	n/a	=	6	%	EPA 625	-88	-88	0	30	
2016/17-6	Lab	method blank	5/31/2017	Organic	Bis(2-chloroisopropyl)ether	n/a	<	0.38	µg/L	EPA 625	0.38	1			
2016/17-6	Lab	LCS	5/31/2017	Organic	Bis(2-chloroisopropyl)ether	n/a	=	18.4	µg/L	EPA 625	0.38	1			
2016/17-6	Lab	LCS, rec	5/31/2017	Organic	Bis(2-chloroisopropyl)ether	n/a	=	73	%	EPA 625	-88	-88	36	166	
2016/17-6	Lab	LCS dup	5/31/2017	Organic	Bis(2-chloroisopropyl)ether	n/a	=	18.6	µg/L	EPA 625	0.38	1			
2016/17-6	Lab	LCS dup, rec	5/31/2017	Organic	Bis(2-chloroisopropyl)ether	n/a	=	75	%	EPA 625	-88	-88	36	166	
2016/17-6	Lab	LCS, RPD	5/31/2017	Organic	Bis(2-chloroisopropyl)ether	n/a	=	1	%	EPA 625	-88	-88	0	30	
2016/17-6	Lab	method blank	5/5/2017	Organic	Bis(2-ethylhexyl)adipate	n/a	<	0.1	µg/L	EPA 525.2	0.1	5			
2016/17-6	Lab	LCS	5/5/2017	Organic	Bis(2-ethylhexyl)adipate	n/a	DNQ	4.98	µg/L	EPA 525.2	0.1	5			
2016/17-6	Lab	LCS, rec	5/5/2017	Organic	Bis(2-ethylhexyl)adipate	n/a	=	100	%	EPA 525.2	-88	-88	71	158	
2016/17-6	Lab	LCS dup	5/5/2017	Organic	Bis(2-ethylhexyl)adipate	n/a	=	5.06	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	
2016/17-6	Lab	LCS dup, rec	5/5/2017	Organic	Bis(2-ethylhexyl)adipate	n/a	=	101	%	EPA 525.2	-88	-88	71	158	
2016/17-6	Lab	LCS, RPD	5/5/2017	Organic	Bis(2-ethylhexyl)adipate	n/a	=	1	%	EPA 525.2	-88	-88	0	30	
2016/17-6	Lab	method blank	5/24/2017	Organic	Bis(2-ethylhexyl)adipate	n/a	<	0.1	µg/L	EPA 525.2	0.1	5			
2016/17-6	Lab	LCS	5/24/2017	Organic	Bis(2-ethylhexyl)adipate	n/a	DNQ	4.98	µg/L	EPA 525.2	0.1	5			
2016/17-6	Lab	LCS, rec	5/24/2017	Organic	Bis(2-ethylhexyl)adipate	n/a	=	100	%	EPA 525.2	-88	-88	71	158	
2016/17-6	Lab	LCS dup	5/24/2017	Organic	Bis(2-ethylhexyl)adipate	n/a	=	5.14	µg/L	EPA 525.2	0.1	5			
2016/17-6	Lab	LCS dup, rec	5/24/2017	Organic	Bis(2-ethylhexyl)adipate	n/a	=	103	%	EPA 525.2	-88	-88	71	158	
2016/17-6	Lab	LCS, RPD	5/24/2017	Organic	Bis(2-ethylhexyl)adipate	n/a	=	3	%	EPA 525.2	-88	-88	0	30	
2016/17-6	Lab	method blank	6/15/2017	Organic	Bis(2-ethylhexyl)adipate	n/a	<	0.1	µg/L	EPA 525.2	0.1	5			
2016/17-6	Lab	LCS	6/15/2017	Organic	Bis(2-ethylhexyl)adipate	n/a	=	5.22	µg/L	EPA 525.2	0.1	5			
2016/17-6	Lab	LCS, rec	6/15/2017	Organic	Bis(2-ethylhexyl)adipate	n/a	=	104	%	EPA 525.2	-88	-88	71	158	
2016/17-6	Lab	LCS dup	6/15/2017	Organic	Bis(2-ethylhexyl)adipate	n/a	=	5.23	µg/L	EPA 525.2	0.1	5			
2016/17-6	Lab	LCS dup, rec	6/15/2017	Organic	Bis(2-ethylhexyl)adipate	n/a	=	105	%	EPA 525.2	-88	-88	71	158	
2016/17-6	Lab	LCS, RPD	6/15/2017	Organic	Bis(2-ethylhexyl)adipate	n/a	=	0.2	%	EPA 525.2	-88	-88	0	30	
2016/17-6	Lab	method blank	5/5/2017	Organic	Bis(2-ethylhexyl)phthalate	n/a	<	1.1	µg/L	EPA 525.2	1.1	3			
2016/17-6	Lab	LCS	5/5/2017	Organic	Bis(2-ethylhexyl)phthalate	n/a	=	5.28	µg/L	EPA 525.2	1.1	3			
2016/17-6	Lab	LCS, rec	5/5/2017	Organic	Bis(2-ethylhexyl)phthalate	n/a	=	106	%	EPA 525.2	-88	-88	68	154	
2016/17-6	Lab	LCS dup	5/5/2017	Organic	Bis(2-ethylhexyl)phthalate	n/a	=	5.31	µg/L	EPA 525.2	1.1	3			
2016/17-6	Lab	LCS dup, rec	5/5/2017	Organic	Bis(2-ethylhexyl)phthalate	n/a	=	106	%	EPA 525.2	-88	-88	68	154	
2016/17-6	Lab	LCS, RPD	5/5/2017	Organic	Bis(2-ethylhexyl)phthalate	n/a	=	0.5	%	EPA 525.2	-88	-88	0	30	
2016/17-6	Lab	method blank	5/13/2017	Organic	Bis(2-ethylhexyl)phthalate	n/a	<	2.3	µg/L	EPA 625	2.3	5			
2016/17-6	Lab	LCS	5/13/2017	Organic	Bis(2-ethylhexyl)phthalate	n/a	=	22.3	µg/L	EPA 625	2.3	5			
2016/17-6	Lab	LCS, rec	5/13/2017	Organic	Bis(2-ethylhexyl)phthalate	n/a	=	89	%	EPA 625	-88	-88	8	158	
2016/17-6	Lab	LCS dup	5/13/2017	Organic	Bis(2-ethylhexyl)phthalate	n/a	=	20.3	µg/L	EPA 625	2.3	5			
2016/17-6	Lab	LCS dup, rec	5/13/2017	Organic	Bis(2-ethylhexyl)phthalate	n/a	=	81	%	EPA 625	-88	-88	8	158	
2016/17-6	Lab	LCS, RPD	5/13/2017	Organic	Bis(2-ethylhexyl)phthalate	n/a	=	9	%	EPA 625	-88	-88	0	30	
2016/17-6	Lab	method blank	5/24/2017	Organic	Bis(2-ethylhexyl)phthalate	n/a	<	1.1	µg/L	EPA 525.2	1.1	3			
2016/17-6	Lab	LCS	5/24/2017	Organic	Bis(2-ethylhexyl)phthalate	n/a	=	5.41	µg/L	EPA 525.2	1.1	3			
2016/17-6	Lab	LCS, rec	5/24/2017	Organic	Bis(2-ethylhexyl)phthalate	n/a	=	108	%	EPA 525.2	-88	-88	68	154	
2016/17-6	Lab	LCS dup	5/24/2017	Organic	Bis(2-ethylhexyl)phthalate	n/a	=	5.51	µg/L	EPA 525.2	1.1	3			
2016/17-6	Lab	LCS dup, rec	5/24/2017	Organic	Bis(2-ethylhexyl)phthalate	n/a	=	110	%	EPA 525.2	-88	-88	68	154	
2016/17-6	Lab	LCS, RPD	5/24/2017	Organic	Bis(2-ethylhexyl)phthalate	n/a	=	2	%	EPA 525.2	-88	-88	0	30	
2016/17-6	Lab	method blank	5/26/2017	Organic	Bis(2-ethylhexyl)phthalate	n/a	<	0.96	µg/L	EPA 625	0.96	4			
2016/17-6	Lab	LCS	5/26/2017	Organic	Bis(2-ethylhexyl)phthalate	n/a	=	22.8	µg/L	EPA 625	0.96	4			
2016/17-6	Lab	LCS, rec	5/26/2017	Organic	Bis(2-ethylhexyl)phthalate	n/a	=	91	%	EPA 625	-88	-88	8	158	
2016/17-6	Lab	LCS dup	5/26/2017	Organic	Bis(2-ethylhexyl)phthalate	n/a	=	23.6	µg/L	EPA 625	0.96	4			
2016/17-6	Lab	LCS dup, rec	5/26/2017	Organic	Bis(2-ethylhexyl)phthalate	n/a	=	95	%	EPA 625	-88	-88	8	158	
2016/17-6	Lab	LCS, RPD	5/26/2017	Organic	Bis(2-ethylhexyl)phthalate	n/a	=	4	%	EPA 625	-88	-88	0	30	
2016/17-6	Lab	method blank	5/31/2017	Organic	Bis(2-ethylhexyl)phthalate	n/a	DNQ	1.93	µg/L	EPA 625	0.96	4			IP
2016/17-6	Lab	LCS	5/31/2017	Organic	Bis(2-ethylhexyl)phthalate	n/a	=	24.1	µg/L	EPA 625	0.96	4			
2016/17-6	Lab	LCS, rec	5/31/2017	Organic	Bis(2-ethylhexyl)phthalate	n/a	=	96	%	EPA 625	-88	-88	8	158	
2016/17-6	Lab	LCS dup	5/31/2017	Organic	Bis(2-ethylhexyl)phthalate	n/a	=	26.6	µg/L	EPA 625	0.96	4			
2016/17-6	Lab	LCS dup, rec	5/31/2017	Organic	Bis(2-ethylhexyl)phthalate	n/a	=	106	%	EPA 625	-88	-88	8	158	
2016/17-6	Lab	LCS, RPD	5/31/2017	Organic	Bis(2-ethylhexyl)phthalate	n/a	=	10	%	EPA 625	-88	-88	0	30	
2016/17-6	Lab	method blank	6/15/2017	Organic	Bis(2-ethylhexyl)phthalate	n/a	<	1.1	µg/L	EPA 525.2	1.1	3			
2016/17-6	Lab	LCS	6/15/2017	Organic	Bis(2-ethylhexyl)phthalate	n/a	=	5.54	µg/L	EPA 525.2	1.1	3			
2016/17-6	Lab	LCS, rec	6/15/2017	Organic	Bis(2-ethylhexyl)phthalate	n/a	=	111	%	EPA 525.2	-88	-88	68	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	
2016/17-6	Lab	LCS dup	6/15/2017	Organic	Bis(2-ethylhexyl)phthalate	n/a	=	5.58	µg/L	EPA 525.2	1.1	3			
2016/17-6	Lab	LCS dup, rec	6/15/2017	Organic	Bis(2-ethylhexyl)phthalate	n/a	=	112	%	EPA 525.2	-88	-88	68	154	
2016/17-6	Lab	LCS, RPD	6/15/2017	Organic	Bis(2-ethylhexyl)phthalate	n/a	=	0.7	%	EPA 525.2	-88	-88	0	30	
2016/17-6	Lab	method blank	5/13/2017	Organic	Butyl benzyl phthalate	n/a	DNQ	0.346	µg/L	EPA 625	0.18	1			IP
2016/17-6	Lab	LCS	5/13/2017	Organic	Butyl benzyl phthalate	n/a	=	21.7	µg/L	EPA 625	0.18	1			
2016/17-6	Lab	LCS, rec	5/13/2017	Organic	Butyl benzyl phthalate	n/a	=	87	%	EPA 625	-88	-88	0.1	152	
2016/17-6	Lab	LCS dup	5/13/2017	Organic	Butyl benzyl phthalate	n/a	=	19.8	µg/L	EPA 625	0.18	1			
2016/17-6	Lab	LCS dup, rec	5/13/2017	Organic	Butyl benzyl phthalate	n/a	=	79	%	EPA 625	-88	-88	0.1	152	
2016/17-6	Lab	LCS, RPD	5/13/2017	Organic	Butyl benzyl phthalate	n/a	=	9	%	EPA 625	-88	-88	0	30	
2016/17-6	Lab	method blank	5/26/2017	Organic	Butyl benzyl phthalate	n/a	DNQ	0.283	µg/L	EPA 625	0.18	1			IP
2016/17-6	Lab	LCS	5/26/2017	Organic	Butyl benzyl phthalate	n/a	=	22.8	µg/L	EPA 625	0.18	1			
2016/17-6	Lab	LCS, rec	5/26/2017	Organic	Butyl benzyl phthalate	n/a	=	91	%	EPA 625	-88	-88	0.1	152	
2016/17-6	Lab	LCS dup	5/26/2017	Organic	Butyl benzyl phthalate	n/a	=	23.3	µg/L	EPA 625	0.18	1			
2016/17-6	Lab	LCS dup, rec	5/26/2017	Organic	Butyl benzyl phthalate	n/a	=	93	%	EPA 625	-88	-88	0.1	152	
2016/17-6	Lab	LCS, RPD	5/26/2017	Organic	Butyl benzyl phthalate	n/a	=	2	%	EPA 625	-88	-88	0	30	
2016/17-6	Lab	method blank	5/31/2017	Organic	Butyl benzyl phthalate	n/a	DNQ	0.285	µg/L	EPA 625	0.18	1			IP
2016/17-6	Lab	LCS	5/31/2017	Organic	Butyl benzyl phthalate	n/a	=	23.6	µg/L	EPA 625	0.18	1			
2016/17-6	Lab	LCS, rec	5/31/2017	Organic	Butyl benzyl phthalate	n/a	=	95	%	EPA 625	-88	-88	0.1	152	
2016/17-6	Lab	LCS dup	5/31/2017	Organic	Butyl benzyl phthalate	n/a	=	24.3	µg/L	EPA 625	0.18	1			
2016/17-6	Lab	LCS dup, rec	5/31/2017	Organic	Butyl benzyl phthalate	n/a	=	97	%	EPA 625	-88	-88	0.1	152	
2016/17-6	Lab	LCS, RPD	5/31/2017	Organic	Butyl benzyl phthalate	n/a	=	3	%	EPA 625	-88	-88	0	30	
2016/17-6	Lab	method blank	5/13/2017	Organic	Chrysene	n/a	<	0.19	µg/L	EPA 625	0.19	1			
2016/17-6	Lab	LCS	5/13/2017	Organic	Chrysene	n/a	=	22.7	µg/L	EPA 625	0.19	1			
2016/17-6	Lab	LCS, rec	5/13/2017	Organic	Chrysene	n/a	=	91	%	EPA 625	-88	-88	17	168	
2016/17-6	Lab	LCS dup	5/13/2017	Organic	Chrysene	n/a	=	20.6	µg/L	EPA 625	0.19	1			
2016/17-6	Lab	LCS dup, rec	5/13/2017	Organic	Chrysene	n/a	=	83	%	EPA 625	-88	-88	17	168	
2016/17-6	Lab	LCS, RPD	5/13/2017	Organic	Chrysene	n/a	=	10	%	EPA 625	-88	-88	0	30	
2016/17-6	Lab	method blank	5/17/2017	Organic	Chrysene	n/a	<	0.1	µg/L	EPA 8270C	0.1	0.1			
2016/17-6	Lab	LCS	5/17/2017	Organic	Chrysene	n/a	=	8.97	µg/L	EPA 8270C	0.1	0.1			
2016/17-6	Lab	LCS, rec	5/17/2017	Organic	Chrysene	n/a	=	90	%	EPA 8270C	-88	-88	32	126	
2016/17-6	Lab	LCS dup	5/17/2017	Organic	Chrysene	n/a	=	9.08	µg/L	EPA 8270C	0.1	0.1			
2016/17-6	Lab	LCS dup, rec	5/17/2017	Organic	Chrysene	n/a	=	91	%	EPA 8270C	-88	-88	32	126	
2016/17-6	Lab	LCS, RPD	5/17/2017	Organic	Chrysene	n/a	=	1	%	EPA 8270C	-88	-88	0	30	
2016/17-6	Lab	method blank	5/24/2017	Organic	Chrysene	n/a	<	0.1	µg/L	EPA 8270C	0.1	0.1			
2016/17-6	Lab	LCS	5/24/2017	Organic	Chrysene	n/a	=	8.52	µg/L	EPA 8270C	0.1	0.1			
2016/17-6	Lab	LCS, rec	5/24/2017	Organic	Chrysene	n/a	=	85	%	EPA 8270C	-88	-88	32	126	
2016/17-6	Lab	LCS dup	5/24/2017	Organic	Chrysene	n/a	=	8.36	µg/L	EPA 8270C	0.1	0.1			
2016/17-6	Lab	LCS dup, rec	5/24/2017	Organic	Chrysene	n/a	=	84	%	EPA 8270C	-88	-88	32	126	
2016/17-6	Lab	LCS, RPD	5/24/2017	Organic	Chrysene	n/a	=	2	%	EPA 8270C	-88	-88	0	30	
2016/17-6	Lab	method blank	5/26/2017	Organic	Chrysene	n/a	<	0.19	µg/L	EPA 625	0.19	1			
2016/17-6	Lab	LCS	5/26/2017	Organic	Chrysene	n/a	=	22.9	µg/L	EPA 625	0.19	1			
2016/17-6	Lab	LCS, rec	5/26/2017	Organic	Chrysene	n/a	=	91	%	EPA 625	-88	-88	17	168	
2016/17-6	Lab	LCS dup	5/26/2017	Organic	Chrysene	n/a	=	23.3	µg/L	EPA 625	0.19	1			
2016/17-6	Lab	LCS dup, rec	5/26/2017	Organic	Chrysene	n/a	=	93	%	EPA 625	-88	-88	17	168	
2016/17-6	Lab	LCS, RPD	5/26/2017	Organic	Chrysene	n/a	=	2	%	EPA 625	-88	-88	0	30	
2016/17-6	Lab	method blank	5/31/2017	Organic	Chrysene	n/a	<	0.19	µg/L	EPA 625	0.19	1			
2016/17-6	Lab	LCS	5/31/2017	Organic	Chrysene	n/a	=	22.7	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	
2016/17-6	Lab	LCS, rec	5/31/2017	Organic	Chrysene	n/a	=	91	%	EPA 625	-88	-88	17	168	
2016/17-6	Lab	LCS dup	5/31/2017	Organic	Chrysene	n/a	=	23.5	µg/L	EPA 625	0.19	1			
2016/17-6	Lab	LCS dup, rec	5/31/2017	Organic	Chrysene	n/a	=	94	%	EPA 625	-88	-88	17	168	
2016/17-6	Lab	LCS, RPD	5/31/2017	Organic	Chrysene	n/a	=	4	%	EPA 625	-88	-88	0	30	
2016/17-6	Lab	method blank	6/2/2017	Organic	Chrysene	n/a	<	0.1	µg/L	EPA 8270C	0.1	0.1			
2016/17-6	Lab	LCS	6/2/2017	Organic	Chrysene	n/a	=	7.82	µg/L	EPA 8270C	0.1	0.1			
2016/17-6	Lab	LCS, rec	6/2/2017	Organic	Chrysene	n/a	=	78	%	EPA 8270C	-88	-88	32	126	
2016/17-6	Lab	LCS dup	6/2/2017	Organic	Chrysene	n/a	=	7.52	µg/L	EPA 8270C	0.1	0.1			
2016/17-6	Lab	LCS dup, rec	6/2/2017	Organic	Chrysene	n/a	=	75	%	EPA 8270C	-88	-88	32	126	
2016/17-6	Lab	LCS, RPD	6/2/2017	Organic	Chrysene	n/a	=	4	%	EPA 8270C	-88	-88	0	30	
2016/17-6	Lab	method blank	5/13/2017	Organic	Dibenz(a,h)anthracene	n/a	<	0.08	µg/L	EPA 625	0.08	2			
2016/17-6	Lab	LCS	5/13/2017	Organic	Dibenz(a,h)anthracene	n/a	=	22.2	µg/L	EPA 625	0.08	2			
2016/17-6	Lab	LCS, rec	5/13/2017	Organic	Dibenz(a,h)anthracene	n/a	=	89	%	EPA 625	-88	-88	0.1	227	
2016/17-6	Lab	LCS dup	5/13/2017	Organic	Dibenz(a,h)anthracene	n/a	=	20.3	µg/L	EPA 625	0.08	2			
2016/17-6	Lab	LCS dup, rec	5/13/2017	Organic	Dibenz(a,h)anthracene	n/a	=	81	%	EPA 625	-88	-88	0.1	227	
2016/17-6	Lab	LCS, RPD	5/13/2017	Organic	Dibenz(a,h)anthracene	n/a	=	9	%	EPA 625	-88	-88	0	30	
2016/17-6	Lab	method blank	5/17/2017	Organic	Dibenz(a,h)anthracene	n/a	<	0.1	µg/L	EPA 8270C	0.1	0.1			
2016/17-6	Lab	LCS	5/17/2017	Organic	Dibenz(a,h)anthracene	n/a	=	8.8	µg/L	EPA 8270C	0.1	0.1			
2016/17-6	Lab	LCS, rec	5/17/2017	Organic	Dibenz(a,h)anthracene	n/a	=	88	%	EPA 8270C	-88	-88	9	147	
2016/17-6	Lab	LCS dup	5/17/2017	Organic	Dibenz(a,h)anthracene	n/a	=	8.75	µg/L	EPA 8270C	0.1	0.1			
2016/17-6	Lab	LCS dup, rec	5/17/2017	Organic	Dibenz(a,h)anthracene	n/a	=	87	%	EPA 8270C	-88	-88	9	147	
2016/17-6	Lab	LCS, RPD	5/17/2017	Organic	Dibenz(a,h)anthracene	n/a	=	0.6	%	EPA 8270C	-88	-88	0	30	
2016/17-6	Lab	method blank	5/24/2017	Organic	Dibenz(a,h)anthracene	n/a	<	0.1	µg/L	EPA 8270C	0.1	0.1			
2016/17-6	Lab	LCS	5/24/2017	Organic	Dibenz(a,h)anthracene	n/a	=	9.38	µg/L	EPA 8270C	0.1	0.1			
2016/17-6	Lab	LCS, rec	5/24/2017	Organic	Dibenz(a,h)anthracene	n/a	=	94	%	EPA 8270C	-88	-88	9	147	
2016/17-6	Lab	LCS dup	5/24/2017	Organic	Dibenz(a,h)anthracene	n/a	=	9.1	µg/L	EPA 8270C	0.1	0.1			
2016/17-6	Lab	LCS dup, rec	5/24/2017	Organic	Dibenz(a,h)anthracene	n/a	=	91	%	EPA 8270C	-88	-88	9	147	
2016/17-6	Lab	LCS, RPD	5/24/2017	Organic	Dibenz(a,h)anthracene	n/a	=	3	%	EPA 8270C	-88	-88	0	30	
2016/17-6	Lab	method blank	5/26/2017	Organic	Dibenz(a,h)anthracene	n/a	<	0.08	µg/L	EPA 625	0.08	2			
2016/17-6	Lab	LCS	5/26/2017	Organic	Dibenz(a,h)anthracene	n/a	=	22.1	µg/L	EPA 625	0.08	2			
2016/17-6	Lab	LCS, rec	5/26/2017	Organic	Dibenz(a,h)anthracene	n/a	=	88	%	EPA 625	-88	-88	0.1	227	
2016/17-6	Lab	LCS dup	5/26/2017	Organic	Dibenz(a,h)anthracene	n/a	=	23.5	µg/L	EPA 625	0.08	2			
2016/17-6	Lab	LCS dup, rec	5/26/2017	Organic	Dibenz(a,h)anthracene	n/a	=	94	%	EPA 625	-88	-88	0.1	227	
2016/17-6	Lab	LCS, RPD	5/26/2017	Organic	Dibenz(a,h)anthracene	n/a	=	6	%	EPA 625	-88	-88	0	30	
2016/17-6	Lab	method blank	5/31/2017	Organic	Dibenz(a,h)anthracene	n/a	<	0.08	µg/L	EPA 625	0.08	2			
2016/17-6	Lab	LCS	5/31/2017	Organic	Dibenz(a,h)anthracene	n/a	=	23.6	µg/L	EPA 625	0.08	2			
2016/17-6	Lab	LCS, rec	5/31/2017	Organic	Dibenz(a,h)anthracene	n/a	=	95	%	EPA 625	-88	-88	0.1	227	
2016/17-6	Lab	LCS dup	5/31/2017	Organic	Dibenz(a,h)anthracene	n/a	=	24.6	µg/L	EPA 625	0.08	2			
2016/17-6	Lab	LCS dup, rec	5/31/2017	Organic	Dibenz(a,h)anthracene	n/a	=	98	%	EPA 625	-88	-88	0.1	227	
2016/17-6	Lab	LCS, RPD	5/31/2017	Organic	Dibenz(a,h)anthracene	n/a	=	4	%	EPA 625	-88	-88	0	30	
2016/17-6	Lab	method blank	6/2/2017	Organic	Dibenz(a,h)anthracene	n/a	<	0.1	µg/L	EPA 8270C	0.1	0.1			
2016/17-6	Lab	LCS	6/2/2017	Organic	Dibenz(a,h)anthracene	n/a	=	10.8	µg/L	EPA 8270C	0.1	0.1			
2016/17-6	Lab	LCS, rec	6/2/2017	Organic	Dibenz(a,h)anthracene	n/a	=	108	%	EPA 8270C	-88	-88	9	147	
2016/17-6	Lab	LCS dup	6/2/2017	Organic	Dibenz(a,h)anthracene	n/a	=	10.3	µg/L	EPA 8270C	0.1	0.1			
2016/17-6	Lab	LCS dup, rec	6/2/2017	Organic	Dibenz(a,h)anthracene	n/a	=	103	%	EPA 8270C	-88	-88	9	147	
2016/17-6	Lab	LCS, RPD	6/2/2017	Organic	Dibenz(a,h)anthracene	n/a	=	4	%	EPA 8270C	-88	-88	0	30	
2016/17-6	Lab	method blank	5/13/2017	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	
2016/17-6	Lab	LCS	5/13/2017	Organic	Diethyl phthalate	n/a	=	19.4	µg/L	EPA 625	0.15	1			
2016/17-6	Lab	LCS, rec	5/13/2017	Organic	Diethyl phthalate	n/a	=	77	%	EPA 625	-88	-88	0.1	114	
2016/17-6	Lab	LCS dup	5/13/2017	Organic	Diethyl phthalate	n/a	=	17.4	µg/L	EPA 625	0.15	1			
2016/17-6	Lab	LCS dup, rec	5/13/2017	Organic	Diethyl phthalate	n/a	=	70	%	EPA 625	-88	-88	0.1	114	
2016/17-6	Lab	LCS, RPD	5/13/2017	Organic	Diethyl phthalate	n/a	=	11	%	EPA 625	-88	-88	0	30	
2016/17-6	Lab	method blank	5/26/2017	Organic	Diethyl phthalate	n/a	<	0.15	µg/L	EPA 625	0.15	1			
2016/17-6	Lab	LCS	5/26/2017	Organic	Diethyl phthalate	n/a	=	20.8	µg/L	EPA 625	0.15	1			
2016/17-6	Lab	LCS, rec	5/26/2017	Organic	Diethyl phthalate	n/a	=	83	%	EPA 625	-88	-88	0.1	114	
2016/17-6	Lab	LCS dup	5/26/2017	Organic	Diethyl phthalate	n/a	=	20.8	µg/L	EPA 625	0.15	1			
2016/17-6	Lab	LCS dup, rec	5/26/2017	Organic	Diethyl phthalate	n/a	=	83	%	EPA 625	-88	-88	0.1	114	
2016/17-6	Lab	LCS, RPD	5/26/2017	Organic	Diethyl phthalate	n/a	=	0.009	%	EPA 625	-88	-88	0	30	
2016/17-6	Lab	method blank	5/31/2017	Organic	Diethyl phthalate	n/a	<	0.15	µg/L	EPA 625	0.15	1			
2016/17-6	Lab	LCS	5/31/2017	Organic	Diethyl phthalate	n/a	=	18.9	µg/L	EPA 625	0.15	1			
2016/17-6	Lab	LCS, rec	5/31/2017	Organic	Diethyl phthalate	n/a	=	76	%	EPA 625	-88	-88	0.1	114	
2016/17-6	Lab	LCS dup	5/31/2017	Organic	Diethyl phthalate	n/a	=	19.6	µg/L	EPA 625	0.15	1			
2016/17-6	Lab	LCS dup, rec	5/31/2017	Organic	Diethyl phthalate	n/a	=	78	%	EPA 625	-88	-88	0.1	114	
2016/17-6	Lab	LCS, RPD	5/31/2017	Organic	Diethyl phthalate	n/a	=	3	%	EPA 625	-88	-88	0	30	
2016/17-6	Lab	method blank	5/13/2017	Organic	Dimethyl phthalate	n/a	<	0.18	µg/L	EPA 625	0.18	1			
2016/17-6	Lab	LCS	5/13/2017	Organic	Dimethyl phthalate	n/a	=	19.6	µg/L	EPA 625	0.18	1			
2016/17-6	Lab	LCS, rec	5/13/2017	Organic	Dimethyl phthalate	n/a	=	78	%	EPA 625	-88	-88	0.1	112	
2016/17-6	Lab	LCS dup	5/13/2017	Organic	Dimethyl phthalate	n/a	=	17.7	µg/L	EPA 625	0.18	1			
2016/17-6	Lab	LCS dup, rec	5/13/2017	Organic	Dimethyl phthalate	n/a	=	71	%	EPA 625	-88	-88	0.1	112	
2016/17-6	Lab	LCS, RPD	5/13/2017	Organic	Dimethyl phthalate	n/a	=	10	%	EPA 625	-88	-88	0	30	
2016/17-6	Lab	method blank	5/26/2017	Organic	Dimethyl phthalate	n/a	<	0.18	µg/L	EPA 625	0.18	1			
2016/17-6	Lab	LCS	5/26/2017	Organic	Dimethyl phthalate	n/a	=	21.4	µg/L	EPA 625	0.18	1			
2016/17-6	Lab	LCS, rec	5/26/2017	Organic	Dimethyl phthalate	n/a	=	86	%	EPA 625	-88	-88	0.1	112	
2016/17-6	Lab	LCS dup	5/26/2017	Organic	Dimethyl phthalate	n/a	=	21.7	µg/L	EPA 625	0.18	1			
2016/17-6	Lab	LCS dup, rec	5/26/2017	Organic	Dimethyl phthalate	n/a	=	87	%	EPA 625	-88	-88	0.1	112	
2016/17-6	Lab	LCS, RPD	5/26/2017	Organic	Dimethyl phthalate	n/a	=	1	%	EPA 625	-88	-88	0	30	
2016/17-6	Lab	method blank	5/31/2017	Organic	Dimethyl phthalate	n/a	<	0.18	µg/L	EPA 625	0.18	1			
2016/17-6	Lab	LCS	5/31/2017	Organic	Dimethyl phthalate	n/a	=	19.6	µg/L	EPA 625	0.18	1			
2016/17-6	Lab	LCS, rec	5/31/2017	Organic	Dimethyl phthalate	n/a	=	79	%	EPA 625	-88	-88	0.1	112	
2016/17-6	Lab	LCS dup	5/31/2017	Organic	Dimethyl phthalate	n/a	=	20.2	µg/L	EPA 625	0.18	1			
2016/17-6	Lab	LCS dup, rec	5/31/2017	Organic	Dimethyl phthalate	n/a	=	81	%	EPA 625	-88	-88	0.1	112	
2016/17-6	Lab	LCS, RPD	5/31/2017	Organic	Dimethyl phthalate	n/a	=	3	%	EPA 625	-88	-88	0	30	
2016/17-6	Lab	method blank	5/13/2017	Organic	Di-n-butylphthalate	n/a	<	0.24	µg/L	EPA 625	0.24	1			
2016/17-6	Lab	LCS	5/13/2017	Organic	Di-n-butylphthalate	n/a	=	22.2	µg/L	EPA 625	0.24	1			
2016/17-6	Lab	LCS, rec	5/13/2017	Organic	Di-n-butylphthalate	n/a	=	89	%	EPA 625	-88	-88	1	118	
2016/17-6	Lab	LCS dup	5/13/2017	Organic	Di-n-butylphthalate	n/a	=	19.8	µg/L	EPA 625	0.24	1			
2016/17-6	Lab	LCS dup, rec	5/13/2017	Organic	Di-n-butylphthalate	n/a	=	79	%	EPA 625	-88	-88	1	118	
2016/17-6	Lab	LCS, RPD	5/13/2017	Organic	Di-n-butylphthalate	n/a	=	11	%	EPA 625	-88	-88	0	30	
2016/17-6	Lab	method blank	5/26/2017	Organic	Di-n-butylphthalate	n/a	<	0.24	µg/L	EPA 625	0.24	1			
2016/17-6	Lab	LCS	5/26/2017	Organic	Di-n-butylphthalate	n/a	=	21.6	µg/L	EPA 625	0.24	1			
2016/17-6	Lab	LCS, rec	5/26/2017	Organic	Di-n-butylphthalate	n/a	=	86	%	EPA 625	-88	-88	1	118	
2016/17-6	Lab	LCS dup	5/26/2017	Organic	Di-n-butylphthalate	n/a	=	21.6	µg/L	EPA 625	0.24	1			
2016/17-6	Lab	LCS dup, rec	5/26/2017	Organic	Di-n-butylphthalate	n/a	=	86	%	EPA 625	-88	-88	1	118	
2016/17-6	Lab	LCS, RPD	5/26/2017	Organic	Di-n-butylphthalate	n/a	=	0.08	%	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	
2016/17-6	Lab	method blank	5/31/2017	Organic	Di-n-butylphthalate	n/a	<	0.24	µg/L	EPA 625	0.24	1			
2016/17-6	Lab	LCS	5/31/2017	Organic	Di-n-butylphthalate	n/a	=	22.5	µg/L	EPA 625	0.24	1			
2016/17-6	Lab	LCS, rec	5/31/2017	Organic	Di-n-butylphthalate	n/a	=	90	%	EPA 625	-88	-88	1	118	
2016/17-6	Lab	LCS dup	5/31/2017	Organic	Di-n-butylphthalate	n/a	=	22.6	µg/L	EPA 625	0.24	1			
2016/17-6	Lab	LCS dup, rec	5/31/2017	Organic	Di-n-butylphthalate	n/a	=	90	%	EPA 625	-88	-88	1	118	
2016/17-6	Lab	LCS, RPD	5/31/2017	Organic	Di-n-butylphthalate	n/a	=	0.7	%	EPA 625	-88	-88	0	30	
2016/17-6	Lab	method blank	5/13/2017	Organic	Di-n-octylphthalate	n/a	<	0.19	µg/L	EPA 625	0.19	1			
2016/17-6	Lab	LCS	5/13/2017	Organic	Di-n-octylphthalate	n/a	=	22.3	µg/L	EPA 625	0.19	1			
2016/17-6	Lab	LCS, rec	5/13/2017	Organic	Di-n-octylphthalate	n/a	=	89	%	EPA 625	-88	-88	4	146	
2016/17-6	Lab	LCS dup	5/13/2017	Organic	Di-n-octylphthalate	n/a	=	20.2	µg/L	EPA 625	0.19	1			
2016/17-6	Lab	LCS dup, rec	5/13/2017	Organic	Di-n-octylphthalate	n/a	=	81	%	EPA 625	-88	-88	4	146	
2016/17-6	Lab	LCS, RPD	5/13/2017	Organic	Di-n-octylphthalate	n/a	=	10	%	EPA 625	-88	-88	0	30	
2016/17-6	Lab	method blank	5/26/2017	Organic	Di-n-octylphthalate	n/a	<	0.19	µg/L	EPA 625	0.19	1			
2016/17-6	Lab	LCS	5/26/2017	Organic	Di-n-octylphthalate	n/a	=	24.1	µg/L	EPA 625	0.19	1			
2016/17-6	Lab	LCS, rec	5/26/2017	Organic	Di-n-octylphthalate	n/a	=	97	%	EPA 625	-88	-88	4	146	
2016/17-6	Lab	LCS dup	5/26/2017	Organic	Di-n-octylphthalate	n/a	=	24.5	µg/L	EPA 625	0.19	1			
2016/17-6	Lab	LCS dup, rec	5/26/2017	Organic	Di-n-octylphthalate	n/a	=	98	%	EPA 625	-88	-88	4	146	
2016/17-6	Lab	LCS, RPD	5/26/2017	Organic	Di-n-octylphthalate	n/a	=	2	%	EPA 625	-88	-88	0	30	
2016/17-6	Lab	method blank	5/31/2017	Organic	Di-n-octylphthalate	n/a	<	0.19	µg/L	EPA 625	0.19	1			
2016/17-6	Lab	LCS	5/31/2017	Organic	Di-n-octylphthalate	n/a	=	25.3	µg/L	EPA 625	0.19	1			
2016/17-6	Lab	LCS, rec	5/31/2017	Organic	Di-n-octylphthalate	n/a	=	101	%	EPA 625	-88	-88	4	146	
2016/17-6	Lab	LCS dup	5/31/2017	Organic	Di-n-octylphthalate	n/a	=	26	µg/L	EPA 625	0.19	1			
2016/17-6	Lab	LCS dup, rec	5/31/2017	Organic	Di-n-octylphthalate	n/a	=	104	%	EPA 625	-88	-88	4	146	
2016/17-6	Lab	LCS, RPD	5/31/2017	Organic	Di-n-octylphthalate	n/a	=	3	%	EPA 625	-88	-88	0	30	
2016/17-6	Lab	method blank	5/13/2017	Organic	Fluoranthene	n/a	<	0.22	µg/L	EPA 625	0.22	1			
2016/17-6	Lab	LCS	5/13/2017	Organic	Fluoranthene	n/a	=	21	µg/L	EPA 625	0.22	1			
2016/17-6	Lab	LCS, rec	5/13/2017	Organic	Fluoranthene	n/a	=	84	%	EPA 625	-88	-88	26	137	
2016/17-6	Lab	LCS dup	5/13/2017	Organic	Fluoranthene	n/a	=	19	µg/L	EPA 625	0.22	1			
2016/17-6	Lab	LCS dup, rec	5/13/2017	Organic	Fluoranthene	n/a	=	76	%	EPA 625	-88	-88	26	137	
2016/17-6	Lab	LCS, RPD	5/13/2017	Organic	Fluoranthene	n/a	=	10	%	EPA 625	-88	-88	0	30	
2016/17-6	Lab	method blank	5/17/2017	Organic	Fluoranthene	n/a	<	0.1	µg/L	EPA 8270C	0.1	0.1			
2016/17-6	Lab	LCS	5/17/2017	Organic	Fluoranthene	n/a	=	8.79	µg/L	EPA 8270C	0.1	0.1			
2016/17-6	Lab	LCS, rec	5/17/2017	Organic	Fluoranthene	n/a	=	88	%	EPA 8270C	-88	-88	22	131	
2016/17-6	Lab	LCS dup	5/17/2017	Organic	Fluoranthene	n/a	=	8.94	µg/L	EPA 8270C	0.1	0.1			
2016/17-6	Lab	LCS dup, rec	5/17/2017	Organic	Fluoranthene	n/a	=	89	%	EPA 8270C	-88	-88	22	131	
2016/17-6	Lab	LCS, RPD	5/17/2017	Organic	Fluoranthene	n/a	=	2	%	EPA 8270C	-88	-88	0	30	
2016/17-6	Lab	method blank	5/24/2017	Organic	Fluoranthene	n/a	<	0.1	µg/L	EPA 8270C	0.1	0.1			
2016/17-6	Lab	LCS	5/24/2017	Organic	Fluoranthene	n/a	=	8.64	µg/L	EPA 8270C	0.1	0.1			
2016/17-6	Lab	LCS, rec	5/24/2017	Organic	Fluoranthene	n/a	=	86	%	EPA 8270C	-88	-88	22	131	
2016/17-6	Lab	LCS dup	5/24/2017	Organic	Fluoranthene	n/a	=	8.58	µg/L	EPA 8270C	0.1	0.1			
2016/17-6	Lab	LCS dup, rec	5/24/2017	Organic	Fluoranthene	n/a	=	86	%	EPA 8270C	-88	-88	22	131	
2016/17-6	Lab	LCS, RPD	5/24/2017	Organic	Fluoranthene	n/a	=	0.7	%	EPA 8270C	-88	-88	0	30	
2016/17-6	Lab	method blank	5/26/2017	Organic	Fluoranthene	n/a	<	0.22	µg/L	EPA 625	0.22	1			
2016/17-6	Lab	LCS	5/26/2017	Organic	Fluoranthene	n/a	=	21.3	µg/L	EPA 625	0.22	1			
2016/17-6	Lab	LCS, rec	5/26/2017	Organic	Fluoranthene	n/a	=	85	%	EPA 625	-88	-88	26	137	
2016/17-6	Lab	LCS dup	5/26/2017	Organic	Fluoranthene	n/a	=	22	µg/L	EPA 625	0.22	1			
2016/17-6	Lab	LCS dup, rec	5/26/2017	Organic	Fluoranthene	n/a	=	88	%	EPA 625	-88	-88	26	137	

Appendix F
Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2016/17-6	Lab	LCS, RPD	5/26/2017	Organic	Fluoranthene	n/a	=	3	%	EPA 625	-88	-88	0	30	
2016/17-6	Lab	method blank	5/31/2017	Organic	Fluoranthene	n/a	<	0.22	µg/L	EPA 625	0.22	1			
2016/17-6	Lab	LCS	5/31/2017	Organic	Fluoranthene	n/a	=	20.9	µg/L	EPA 625	0.22	1			
2016/17-6	Lab	LCS, rec	5/31/2017	Organic	Fluoranthene	n/a	=	84	%	EPA 625	-88	-88	26	137	
2016/17-6	Lab	LCS dup	5/31/2017	Organic	Fluoranthene	n/a	=	21.9	µg/L	EPA 625	0.22	1			
2016/17-6	Lab	LCS dup, rec	5/31/2017	Organic	Fluoranthene	n/a	=	88	%	EPA 625	-88	-88	26	137	
2016/17-6	Lab	LCS, RPD	5/31/2017	Organic	Fluoranthene	n/a	=	5	%	EPA 625	-88	-88	0	30	
2016/17-6	Lab	method blank	6/2/2017	Organic	Fluoranthene	n/a	<	0.1	µg/L	EPA 8270C	0.1	0.1			
2016/17-6	Lab	LCS	6/2/2017	Organic	Fluoranthene	n/a	=	7.9	µg/L	EPA 8270C	0.1	0.1			
2016/17-6	Lab	LCS, rec	6/2/2017	Organic	Fluoranthene	n/a	=	79	%	EPA 8270C	-88	-88	22	131	
2016/17-6	Lab	LCS dup	6/2/2017	Organic	Fluoranthene	n/a	=	7.74	µg/L	EPA 8270C	0.1	0.1			
2016/17-6	Lab	LCS dup, rec	6/2/2017	Organic	Fluoranthene	n/a	=	77	%	EPA 8270C	-88	-88	22	131	
2016/17-6	Lab	LCS, RPD	6/2/2017	Organic	Fluoranthene	n/a	=	2	%	EPA 8270C	-88	-88	0	30	
2016/17-6	Lab	method blank	5/13/2017	Organic	Fluorene	n/a	<	0.35	µg/L	EPA 625	0.35	1			
2016/17-6	Lab	LCS	5/13/2017	Organic	Fluorene	n/a	=	19.4	µg/L	EPA 625	0.35	1			
2016/17-6	Lab	LCS, rec	5/13/2017	Organic	Fluorene	n/a	=	77	%	EPA 625	-88	-88	59	121	
2016/17-6	Lab	LCS dup	5/13/2017	Organic	Fluorene	n/a	=	17.5	µg/L	EPA 625	0.35	1			
2016/17-6	Lab	LCS dup, rec	5/13/2017	Organic	Fluorene	n/a	=	70	%	EPA 625	-88	-88	59	121	
2016/17-6	Lab	LCS, RPD	5/13/2017	Organic	Fluorene	n/a	=	10	%	EPA 625	-88	-88	0	30	
2016/17-6	Lab	method blank	5/17/2017	Organic	Fluorene	n/a	<	0.1	µg/L	EPA 8270C	0.1	0.1			
2016/17-6	Lab	LCS	5/17/2017	Organic	Fluorene	n/a	=	7.54	µg/L	EPA 8270C	0.1	0.1			
2016/17-6	Lab	LCS, rec	5/17/2017	Organic	Fluorene	n/a	=	75	%	EPA 8270C	-88	-88	19	122	
2016/17-6	Lab	LCS dup	5/17/2017	Organic	Fluorene	n/a	=	8.16	µg/L	EPA 8270C	0.1	0.1			
2016/17-6	Lab	LCS dup, rec	5/17/2017	Organic	Fluorene	n/a	=	82	%	EPA 8270C	-88	-88	19	122	
2016/17-6	Lab	LCS, RPD	5/17/2017	Organic	Fluorene	n/a	=	8	%	EPA 8270C	-88	-88	0	30	
2016/17-6	Lab	method blank	5/24/2017	Organic	Fluorene	n/a	<	0.1	µg/L	EPA 8270C	0.1	0.1			
2016/17-6	Lab	LCS	5/24/2017	Organic	Fluorene	n/a	=	6.49	µg/L	EPA 8270C	0.1	0.1			
2016/17-6	Lab	LCS, rec	5/24/2017	Organic	Fluorene	n/a	=	65	%	EPA 8270C	-88	-88	19	122	
2016/17-6	Lab	LCS dup	5/24/2017	Organic	Fluorene	n/a	=	7.37	µg/L	EPA 8270C	0.1	0.1			
2016/17-6	Lab	LCS dup, rec	5/24/2017	Organic	Fluorene	n/a	=	74	%	EPA 8270C	-88	-88	19	122	
2016/17-6	Lab	LCS, RPD	5/24/2017	Organic	Fluorene	n/a	=	13	%	EPA 8270C	-88	-88	0	30	
2016/17-6	Lab	method blank	5/26/2017	Organic	Fluorene	n/a	<	0.35	µg/L	EPA 625	0.35	1			
2016/17-6	Lab	LCS	5/26/2017	Organic	Fluorene	n/a	=	21	µg/L	EPA 625	0.35	1			
2016/17-6	Lab	LCS, rec	5/26/2017	Organic	Fluorene	n/a	=	84	%	EPA 625	-88	-88	59	121	
2016/17-6	Lab	LCS dup	5/26/2017	Organic	Fluorene	n/a	=	20.7	µg/L	EPA 625	0.35	1			
2016/17-6	Lab	LCS dup, rec	5/26/2017	Organic	Fluorene	n/a	=	83	%	EPA 625	-88	-88	59	121	
2016/17-6	Lab	LCS, RPD	5/26/2017	Organic	Fluorene	n/a	=	1	%	EPA 625	-88	-88	0	30	
2016/17-6	Lab	method blank	5/31/2017	Organic	Fluorene	n/a	<	0.35	µg/L	EPA 625	0.35	1			
2016/17-6	Lab	LCS	5/31/2017	Organic	Fluorene	n/a	=	18.4	µg/L	EPA 625	0.35	1			
2016/17-6	Lab	LCS, rec	5/31/2017	Organic	Fluorene	n/a	=	74	%	EPA 625	-88	-88	59	121	
2016/17-6	Lab	LCS dup	5/31/2017	Organic	Fluorene	n/a	=	18.3	µg/L	EPA 625	0.35	1			
2016/17-6	Lab	LCS dup, rec	5/31/2017	Organic	Fluorene	n/a	=	73	%	EPA 625	-88	-88	59	121	
2016/17-6	Lab	LCS, RPD	5/31/2017	Organic	Fluorene	n/a	=	0.6	%	EPA 625	-88	-88	0	30	
2016/17-6	Lab	method blank	6/2/2017	Organic	Fluorene	n/a	<	0.1	µg/L	EPA 8270C	0.1	0.1			
2016/17-6	Lab	LCS	6/2/2017	Organic	Fluorene	n/a	=	6.27	µg/L	EPA 8270C	0.1	0.1			
2016/17-6	Lab	LCS, rec	6/2/2017	Organic	Fluorene	n/a	=	63	%	EPA 8270C	-88	-88	19	122	
2016/17-6	Lab	LCS dup	6/2/2017	Organic	Fluorene	n/a	=	6.68	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	
2016/17-6	Lab	LCS dup, rec	6/2/2017	Organic	Fluorene	n/a	=	67	%	EPA 8270C	-88	-88	19	122	
2016/17-6	Lab	LCS, RPD	6/2/2017	Organic	Fluorene	n/a	=	6	%	EPA 8270C	-88	-88	0	30	
2016/17-6	Lab	method blank	5/13/2017	Organic	Hexachlorobenzene	n/a	<	0.49	µg/L	EPA 625	0.49	1			
2016/17-6	Lab	LCS	5/13/2017	Organic	Hexachlorobenzene	n/a	=	16.9	µg/L	EPA 625	0.49	1			
2016/17-6	Lab	LCS, rec	5/13/2017	Organic	Hexachlorobenzene	n/a	=	68	%	EPA 625	-88	-88	0.1	152	
2016/17-6	Lab	LCS dup	5/13/2017	Organic	Hexachlorobenzene	n/a	=	15.3	µg/L	EPA 625	0.49	1			
2016/17-6	Lab	LCS dup, rec	5/13/2017	Organic	Hexachlorobenzene	n/a	=	61	%	EPA 625	-88	-88	0.1	152	
2016/17-6	Lab	LCS, RPD	5/13/2017	Organic	Hexachlorobenzene	n/a	=	10	%	EPA 625	-88	-88	0	30	
2016/17-6	Lab	method blank	5/26/2017	Organic	Hexachlorobenzene	n/a	<	0.35	µg/L	EPA 625	0.35	1			
2016/17-6	Lab	LCS	5/26/2017	Organic	Hexachlorobenzene	n/a	=	17.9	µg/L	EPA 625	0.35	1			
2016/17-6	Lab	LCS, rec	5/26/2017	Organic	Hexachlorobenzene	n/a	=	72	%	EPA 625	-88	-88	0.1	152	
2016/17-6	Lab	LCS dup	5/26/2017	Organic	Hexachlorobenzene	n/a	=	17.9	µg/L	EPA 625	0.35	1			
2016/17-6	Lab	LCS dup, rec	5/26/2017	Organic	Hexachlorobenzene	n/a	=	72	%	EPA 625	-88	-88	0.1	152	
2016/17-6	Lab	LCS, RPD	5/26/2017	Organic	Hexachlorobenzene	n/a	=	0.1	%	EPA 625	-88	-88	0	30	
2016/17-6	Lab	method blank	5/31/2017	Organic	Hexachlorobenzene	n/a	<	0.35	µg/L	EPA 625	0.35	1			
2016/17-6	Lab	LCS	5/31/2017	Organic	Hexachlorobenzene	n/a	=	16.6	µg/L	EPA 625	0.35	1			
2016/17-6	Lab	LCS, rec	5/31/2017	Organic	Hexachlorobenzene	n/a	=	66	%	EPA 625	-88	-88	0.1	152	
2016/17-6	Lab	LCS dup	5/31/2017	Organic	Hexachlorobenzene	n/a	=	17.3	µg/L	EPA 625	0.35	1			
2016/17-6	Lab	LCS dup, rec	5/31/2017	Organic	Hexachlorobenzene	n/a	=	69	%	EPA 625	-88	-88	0.1	152	
2016/17-6	Lab	LCS, RPD	5/31/2017	Organic	Hexachlorobenzene	n/a	=	4	%	EPA 625	-88	-88	0	30	
2016/17-6	Lab	method blank	5/13/2017	Organic	Hexachlorobutadiene	n/a	<	0.47	µg/L	EPA 625	0.47	1			
2016/17-6	Lab	LCS	5/13/2017	Organic	Hexachlorobutadiene	n/a	=	17.3	µg/L	EPA 625	0.47	1			
2016/17-6	Lab	LCS, rec	5/13/2017	Organic	Hexachlorobutadiene	n/a	=	69	%	EPA 625	-88	-88	24	116	
2016/17-6	Lab	LCS dup	5/13/2017	Organic	Hexachlorobutadiene	n/a	=	16.1	µg/L	EPA 625	0.47	1			
2016/17-6	Lab	LCS dup, rec	5/13/2017	Organic	Hexachlorobutadiene	n/a	=	64	%	EPA 625	-88	-88	24	116	
2016/17-6	Lab	LCS, RPD	5/13/2017	Organic	Hexachlorobutadiene	n/a	=	8	%	EPA 625	-88	-88	0	30	
2016/17-6	Lab	method blank	5/26/2017	Organic	Hexachlorobutadiene	n/a	<	0.47	µg/L	EPA 625	0.47	1			
2016/17-6	Lab	LCS	5/26/2017	Organic	Hexachlorobutadiene	n/a	=	18.7	µg/L	EPA 625	0.47	1			
2016/17-6	Lab	LCS, rec	5/26/2017	Organic	Hexachlorobutadiene	n/a	=	75	%	EPA 625	-88	-88	24	116	
2016/17-6	Lab	LCS dup	5/26/2017	Organic	Hexachlorobutadiene	n/a	=	17.9	µg/L	EPA 625	0.47	1			
2016/17-6	Lab	LCS dup, rec	5/26/2017	Organic	Hexachlorobutadiene	n/a	=	72	%	EPA 625	-88	-88	24	116	
2016/17-6	Lab	LCS, RPD	5/26/2017	Organic	Hexachlorobutadiene	n/a	=	4	%	EPA 625	-88	-88	0	30	
2016/17-6	Lab	method blank	5/31/2017	Organic	Hexachlorobutadiene	n/a	<	0.47	µg/L	EPA 625	0.47	1			
2016/17-6	Lab	LCS	5/31/2017	Organic	Hexachlorobutadiene	n/a	=	16.3	µg/L	EPA 625	0.47	1			
2016/17-6	Lab	LCS, rec	5/31/2017	Organic	Hexachlorobutadiene	n/a	=	65	%	EPA 625	-88	-88	24	116	
2016/17-6	Lab	LCS dup	5/31/2017	Organic	Hexachlorobutadiene	n/a	=	16.3	µg/L	EPA 625	0.47	1			
2016/17-6	Lab	LCS dup, rec	5/31/2017	Organic	Hexachlorobutadiene	n/a	=	65	%	EPA 625	-88	-88	24	116	
2016/17-6	Lab	LCS, RPD	5/31/2017	Organic	Hexachlorobutadiene	n/a	=	0.08	%	EPA 625	-88	-88	0	30	
2016/17-6	Lab	method blank	5/13/2017	Organic	Hexachlorocyclopentadiene	n/a	<	1.5	µg/L	EPA 625	1.5	5			
2016/17-6	Lab	LCS	5/13/2017	Organic	Hexachlorocyclopentadiene	n/a	=	9.4	µg/L	EPA 625	1.5	5			
2016/17-6	Lab	LCS, rec	5/13/2017	Organic	Hexachlorocyclopentadiene	n/a	=	38	%	EPA 625	-88	-88	0.1	81	
2016/17-6	Lab	LCS dup	5/13/2017	Organic	Hexachlorocyclopentadiene	n/a	=	8.96	µg/L	EPA 625	1.5	5			
2016/17-6	Lab	LCS dup, rec	5/13/2017	Organic	Hexachlorocyclopentadiene	n/a	=	36	%	EPA 625	-88	-88	0.1	81	
2016/17-6	Lab	LCS, RPD	5/13/2017	Organic	Hexachlorocyclopentadiene	n/a	=	5	%	EPA 625	-88	-88	0	30	
2016/17-6	Lab	method blank	5/26/2017	Organic	Hexachlorocyclopentadiene	n/a	<	1.5	µg/L	EPA 625	1.5	5			
2016/17-6	Lab	LCS	5/26/2017	Organic	Hexachlorocyclopentadiene	n/a	=	9.48	µg/L	EPA 625	1.5	5			
2016/17-6	Lab	LCS, rec	5/26/2017	Organic	Hexachlorocyclopentadiene	n/a	=	38	%	EPA 625	-88	-88	0.1	81	

Appendix F
Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2016/17-6	Lab	LCS dup	5/26/2017	Organic	Hexachlorocyclopentadiene	n/a	=	9.27	µg/L	EPA 625	1.5	5			
2016/17-6	Lab	LCS dup, rec	5/26/2017	Organic	Hexachlorocyclopentadiene	n/a	=	37	%	EPA 625	-88	-88	0.1	81	
2016/17-6	Lab	LCS, RPD	5/26/2017	Organic	Hexachlorocyclopentadiene	n/a	=	2	%	EPA 625	-88	-88	0	30	
2016/17-6	Lab	method blank	5/31/2017	Organic	Hexachlorocyclopentadiene	n/a	<	1.5	µg/L	EPA 625	1.5	5			
2016/17-6	Lab	LCS	5/31/2017	Organic	Hexachlorocyclopentadiene	n/a	=	8.71	µg/L	EPA 625	1.5	5			
2016/17-6	Lab	LCS, rec	5/31/2017	Organic	Hexachlorocyclopentadiene	n/a	=	35	%	EPA 625	-88	-88	0.1	81	
2016/17-6	Lab	LCS dup	5/31/2017	Organic	Hexachlorocyclopentadiene	n/a	=	9.5	µg/L	EPA 625	1.5	5			
2016/17-6	Lab	LCS dup, rec	5/31/2017	Organic	Hexachlorocyclopentadiene	n/a	=	38	%	EPA 625	-88	-88	0.1	81	
2016/17-6	Lab	LCS, RPD	5/31/2017	Organic	Hexachlorocyclopentadiene	n/a	=	9	%	EPA 625	-88	-88	0	30	
2016/17-6	Lab	method blank	5/13/2017	Organic	Hexachloroethane	n/a	<	0.52	µg/L	EPA 625	0.52	1			
2016/17-6	Lab	LCS	5/13/2017	Organic	Hexachloroethane	n/a	=	17.1	µg/L	EPA 625	0.52	1			
2016/17-6	Lab	LCS, rec	5/13/2017	Organic	Hexachloroethane	n/a	=	68	%	EPA 625	-88	-88	40	113	
2016/17-6	Lab	LCS dup	5/13/2017	Organic	Hexachloroethane	n/a	=	15.7	µg/L	EPA 625	0.52	1			
2016/17-6	Lab	LCS dup, rec	5/13/2017	Organic	Hexachloroethane	n/a	=	63	%	EPA 625	-88	-88	40	113	
2016/17-6	Lab	LCS, RPD	5/13/2017	Organic	Hexachloroethane	n/a	=	8	%	EPA 625	-88	-88	0	30	
2016/17-6	Lab	method blank	5/26/2017	Organic	Hexachloroethane	n/a	<	0.51	µg/L	EPA 625	0.51	1			
2016/17-6	Lab	LCS	5/26/2017	Organic	Hexachloroethane	n/a	=	19.1	µg/L	EPA 625	0.51	1			
2016/17-6	Lab	LCS, rec	5/26/2017	Organic	Hexachloroethane	n/a	=	77	%	EPA 625	-88	-88	40	113	
2016/17-6	Lab	LCS dup	5/26/2017	Organic	Hexachloroethane	n/a	=	17.3	µg/L	EPA 625	0.51	1			
2016/17-6	Lab	LCS dup, rec	5/26/2017	Organic	Hexachloroethane	n/a	=	69	%	EPA 625	-88	-88	40	113	
2016/17-6	Lab	LCS, RPD	5/26/2017	Organic	Hexachloroethane	n/a	=	10	%	EPA 625	-88	-88	0	30	
2016/17-6	Lab	method blank	5/31/2017	Organic	Hexachloroethane	n/a	<	0.51	µg/L	EPA 625	0.51	1			
2016/17-6	Lab	LCS	5/31/2017	Organic	Hexachloroethane	n/a	=	16.2	µg/L	EPA 625	0.51	1			
2016/17-6	Lab	LCS, rec	5/31/2017	Organic	Hexachloroethane	n/a	=	65	%	EPA 625	-88	-88	40	113	
2016/17-6	Lab	LCS dup	5/31/2017	Organic	Hexachloroethane	n/a	=	16.2	µg/L	EPA 625	0.51	1			
2016/17-6	Lab	LCS dup, rec	5/31/2017	Organic	Hexachloroethane	n/a	=	65	%	EPA 625	-88	-88	40	113	
2016/17-6	Lab	LCS, RPD	5/31/2017	Organic	Hexachloroethane	n/a	=	0.6	%	EPA 625	-88	-88	0	30	
2016/17-6	Lab	method blank	5/13/2017	Organic	Indeno(1,2,3-cd)pyrene	n/a	<	0.12	µg/L	EPA 625	0.12	2			
2016/17-6	Lab	LCS	5/13/2017	Organic	Indeno(1,2,3-cd)pyrene	n/a	=	20.7	µg/L	EPA 625	0.12	2			
2016/17-6	Lab	LCS, rec	5/13/2017	Organic	Indeno(1,2,3-cd)pyrene	n/a	=	83	%	EPA 625	-88	-88	0.1	171	
2016/17-6	Lab	LCS dup	5/13/2017	Organic	Indeno(1,2,3-cd)pyrene	n/a	=	20.9	µg/L	EPA 625	0.12	2			
2016/17-6	Lab	LCS dup, rec	5/13/2017	Organic	Indeno(1,2,3-cd)pyrene	n/a	=	84	%	EPA 625	-88	-88	0.1	171	
2016/17-6	Lab	LCS, RPD	5/13/2017	Organic	Indeno(1,2,3-cd)pyrene	n/a	=	1	%	EPA 625	-88	-88	0	30	
2016/17-6	Lab	method blank	5/17/2017	Organic	Indeno(1,2,3-cd)pyrene	n/a	<	0.1	µg/L	EPA 8270C	0.1	0.1			
2016/17-6	Lab	LCS	5/17/2017	Organic	Indeno(1,2,3-cd)pyrene	n/a	=	8.16	µg/L	EPA 8270C	0.1	0.1			
2016/17-6	Lab	LCS, rec	5/17/2017	Organic	Indeno(1,2,3-cd)pyrene	n/a	=	82	%	EPA 8270C	-88	-88	12	136	
2016/17-6	Lab	LCS dup	5/17/2017	Organic	Indeno(1,2,3-cd)pyrene	n/a	=	8.08	µg/L	EPA 8270C	0.1	0.1			
2016/17-6	Lab	LCS dup, rec	5/17/2017	Organic	Indeno(1,2,3-cd)pyrene	n/a	=	81	%	EPA 8270C	-88	-88	12	136	
2016/17-6	Lab	LCS, RPD	5/17/2017	Organic	Indeno(1,2,3-cd)pyrene	n/a	=	1	%	EPA 8270C	-88	-88	0	30	
2016/17-6	Lab	method blank	5/24/2017	Organic	Indeno(1,2,3-cd)pyrene	n/a	<	0.1	µg/L	EPA 8270C	0.1	0.1			
2016/17-6	Lab	LCS	5/24/2017	Organic	Indeno(1,2,3-cd)pyrene	n/a	=	8.81	µg/L	EPA 8270C	0.1	0.1			
2016/17-6	Lab	LCS, rec	5/24/2017	Organic	Indeno(1,2,3-cd)pyrene	n/a	=	88	%	EPA 8270C	-88	-88	12	136	
2016/17-6	Lab	LCS dup	5/24/2017	Organic	Indeno(1,2,3-cd)pyrene	n/a	=	8.71	µg/L	EPA 8270C	0.1	0.1			
2016/17-6	Lab	LCS dup, rec	5/24/2017	Organic	Indeno(1,2,3-cd)pyrene	n/a	=	87	%	EPA 8270C	-88	-88	12	136	
2016/17-6	Lab	LCS, RPD	5/24/2017	Organic	Indeno(1,2,3-cd)pyrene	n/a	=	1	%	EPA 8270C	-88	-88	0	30	
2016/17-6	Lab	method blank	5/26/2017	Organic	Indeno(1,2,3-cd)pyrene	n/a	<	0.12	µg/L	EPA 625	0.12	2			
2016/17-6	Lab	LCS	5/26/2017	Organic	Indeno(1,2,3-cd)pyrene	n/a	=	21.9	µg/L	EPA 625	0.12	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	
2016/17-6	Lab	LCS, rec	5/26/2017	Organic	Indeno(1,2,3-cd)pyrene	n/a	=	88	%	EPA 625	-88	-88	0.1	171	
2016/17-6	Lab	LCS dup	5/26/2017	Organic	Indeno(1,2,3-cd)pyrene	n/a	=	23.9	µg/L	EPA 625	0.12	2			
2016/17-6	Lab	LCS dup, rec	5/26/2017	Organic	Indeno(1,2,3-cd)pyrene	n/a	=	96	%	EPA 625	-88	-88	0.1	171	
2016/17-6	Lab	LCS, RPD	5/26/2017	Organic	Indeno(1,2,3-cd)pyrene	n/a	=	9	%	EPA 625	-88	-88	0	30	
2016/17-6	Lab	method blank	5/31/2017	Organic	Indeno(1,2,3-cd)pyrene	n/a	<	0.12	µg/L	EPA 625	0.12	2			
2016/17-6	Lab	LCS	5/31/2017	Organic	Indeno(1,2,3-cd)pyrene	n/a	=	24.7	µg/L	EPA 625	0.12	2			
2016/17-6	Lab	LCS, rec	5/31/2017	Organic	Indeno(1,2,3-cd)pyrene	n/a	=	99	%	EPA 625	-88	-88	0.1	171	
2016/17-6	Lab	LCS dup	5/31/2017	Organic	Indeno(1,2,3-cd)pyrene	n/a	=	25.4	µg/L	EPA 625	0.12	2			
2016/17-6	Lab	LCS dup, rec	5/31/2017	Organic	Indeno(1,2,3-cd)pyrene	n/a	=	102	%	EPA 625	-88	-88	0.1	171	
2016/17-6	Lab	LCS, RPD	5/31/2017	Organic	Indeno(1,2,3-cd)pyrene	n/a	=	3	%	EPA 625	-88	-88	0	30	
2016/17-6	Lab	method blank	6/2/2017	Organic	Indeno(1,2,3-cd)pyrene	n/a	<	0.1	µg/L	EPA 8270C	0.1	0.1			
2016/17-6	Lab	LCS	6/2/2017	Organic	Indeno(1,2,3-cd)pyrene	n/a	=	9.69	µg/L	EPA 8270C	0.1	0.1			
2016/17-6	Lab	LCS, rec	6/2/2017	Organic	Indeno(1,2,3-cd)pyrene	n/a	=	97	%	EPA 8270C	-88	-88	12	136	
2016/17-6	Lab	LCS dup	6/2/2017	Organic	Indeno(1,2,3-cd)pyrene	n/a	=	9.13	µg/L	EPA 8270C	0.1	0.1			
2016/17-6	Lab	LCS dup, rec	6/2/2017	Organic	Indeno(1,2,3-cd)pyrene	n/a	=	91	%	EPA 8270C	-88	-88	12	136	
2016/17-6	Lab	LCS, RPD	6/2/2017	Organic	Indeno(1,2,3-cd)pyrene	n/a	=	6	%	EPA 8270C	-88	-88	0	30	
2016/17-6	Lab	method blank	5/13/2017	Organic	Isophorone	n/a	<	0.21	µg/L	EPA 625	0.21	1			
2016/17-6	Lab	LCS	5/13/2017	Organic	Isophorone	n/a	=	19.5	µg/L	EPA 625	0.21	1			
2016/17-6	Lab	LCS, rec	5/13/2017	Organic	Isophorone	n/a	=	78	%	EPA 625	-88	-88	21	196	
2016/17-6	Lab	LCS dup	5/13/2017	Organic	Isophorone	n/a	=	18.4	µg/L	EPA 625	0.21	1			
2016/17-6	Lab	LCS dup, rec	5/13/2017	Organic	Isophorone	n/a	=	74	%	EPA 625	-88	-88	21	196	
2016/17-6	Lab	LCS, RPD	5/13/2017	Organic	Isophorone	n/a	=	6	%	EPA 625	-88	-88	0	30	
2016/17-6	Lab	method blank	5/26/2017	Organic	Isophorone	n/a	<	0.21	µg/L	EPA 625	0.21	1			
2016/17-6	Lab	LCS	5/26/2017	Organic	Isophorone	n/a	=	21.6	µg/L	EPA 625	0.21	1			
2016/17-6	Lab	LCS, rec	5/26/2017	Organic	Isophorone	n/a	=	86	%	EPA 625	-88	-88	21	196	
2016/17-6	Lab	LCS dup	5/26/2017	Organic	Isophorone	n/a	=	22.2	µg/L	EPA 625	0.21	1			
2016/17-6	Lab	LCS dup, rec	5/26/2017	Organic	Isophorone	n/a	=	89	%	EPA 625	-88	-88	21	196	
2016/17-6	Lab	LCS, RPD	5/26/2017	Organic	Isophorone	n/a	=	3	%	EPA 625	-88	-88	0	30	
2016/17-6	Lab	method blank	5/31/2017	Organic	Isophorone	n/a	<	0.21	µg/L	EPA 625	0.21	1			
2016/17-6	Lab	LCS	5/31/2017	Organic	Isophorone	n/a	=	19	µg/L	EPA 625	0.21	1			
2016/17-6	Lab	LCS, rec	5/31/2017	Organic	Isophorone	n/a	=	76	%	EPA 625	-88	-88	21	196	
2016/17-6	Lab	LCS dup	5/31/2017	Organic	Isophorone	n/a	=	19.8	µg/L	EPA 625	0.21	1			
2016/17-6	Lab	LCS dup, rec	5/31/2017	Organic	Isophorone	n/a	=	79	%	EPA 625	-88	-88	21	196	
2016/17-6	Lab	LCS, RPD	5/31/2017	Organic	Isophorone	n/a	=	4	%	EPA 625	-88	-88	0	30	
2016/17-6	Lab	LCS	5/9/2017	Organic	Methyl tert-butyl ether (MTBE)	n/a	=	56.6	µg/L	EPA 624	0.25	1			
2016/17-6	Lab	LCS, rec	5/9/2017	Organic	Methyl tert-butyl ether (MTBE)	n/a	=	113	%	EPA 624	-88	-88	80	128	
2016/17-6	Lab	LCS dup	5/9/2017	Organic	Methyl tert-butyl ether (MTBE)	n/a	=	61.2	µg/L	EPA 624	0.25	1			
2016/17-6	Lab	LCS dup, rec	5/9/2017	Organic	Methyl tert-butyl ether (MTBE)	n/a	=	122	%	EPA 624	-88	-88	80	128	
2016/17-6	Lab	LCS, RPD	5/9/2017	Organic	Methyl tert-butyl ether (MTBE)	n/a	=	8	%	EPA 624	-88	-88	0	25	
2016/17-6	Lab	method blank	5/9/2017	Organic	Methyl tert-butyl ether (MTBE)	n/a	<	0.25	µg/L	EPA 624	0.25	1			
2016/17-6	Lab	LCS	5/24/2017	Organic	Methyl tert-butyl ether (MTBE)	n/a	=	51.5	µg/L	EPA 624	0.25	1			
2016/17-6	Lab	LCS, rec	5/24/2017	Organic	Methyl tert-butyl ether (MTBE)	n/a	=	103	%	EPA 624	-88	-88	80	128	
2016/17-6	Lab	LCS dup	5/24/2017	Organic	Methyl tert-butyl ether (MTBE)	n/a	=	50.1	µg/L	EPA 624	0.25	1			
2016/17-6	Lab	LCS dup, rec	5/24/2017	Organic	Methyl tert-butyl ether (MTBE)	n/a	=	100	%	EPA 624	-88	-88	80	128	
2016/17-6	Lab	LCS, RPD	5/24/2017	Organic	Methyl tert-butyl ether (MTBE)	n/a	=	3	%	EPA 624	-88	-88	0	25	
2016/17-6	Lab	method blank	5/24/2017	Organic	Methyl tert-butyl ether (MTBE)	n/a	<	0.25	µg/L	EPA 624	0.25	1			
2016/17-6	Lab	method blank	5/13/2017	Organic	Naphthalene	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	
2016/17-6	Lab	LCS	5/13/2017	Organic	Naphthalene	n/a	=	18	µg/L	EPA 625	0.49	1			
2016/17-6	Lab	LCS, rec	5/13/2017	Organic	Naphthalene	n/a	=	72	%	EPA 625	-88	-88	21	133	
2016/17-6	Lab	LCS dup	5/13/2017	Organic	Naphthalene	n/a	=	16.9	µg/L	EPA 625	0.49	1			
2016/17-6	Lab	LCS dup, rec	5/13/2017	Organic	Naphthalene	n/a	=	68	%	EPA 625	-88	-88	21	133	
2016/17-6	Lab	LCS, RPD	5/13/2017	Organic	Naphthalene	n/a	=	6	%	EPA 625	-88	-88	0	30	
2016/17-6	Lab	method blank	5/17/2017	Organic	Naphthalene	n/a	<	0.1	µg/L	EPA 8270C	0.1	0.1			
2016/17-6	Lab	LCS	5/17/2017	Organic	Naphthalene	n/a	=	6.81	µg/L	EPA 8270C	0.1	0.1			
2016/17-6	Lab	LCS, rec	5/17/2017	Organic	Naphthalene	n/a	=	68	%	EPA 8270C	-88	-88	12	136	
2016/17-6	Lab	LCS dup	5/17/2017	Organic	Naphthalene	n/a	=	7.64	µg/L	EPA 8270C	0.1	0.1			
2016/17-6	Lab	LCS dup, rec	5/17/2017	Organic	Naphthalene	n/a	=	76	%	EPA 8270C	-88	-88	12	136	
2016/17-6	Lab	LCS, RPD	5/17/2017	Organic	Naphthalene	n/a	=	11	%	EPA 8270C	-88	-88	0	30	
2016/17-6	Lab	method blank	5/24/2017	Organic	Naphthalene	n/a	<	0.1	µg/L	EPA 8270C	0.1	0.1			
2016/17-6	Lab	LCS	5/24/2017	Organic	Naphthalene	n/a	=	6.11	µg/L	EPA 8270C	0.1	0.1			
2016/17-6	Lab	LCS, rec	5/24/2017	Organic	Naphthalene	n/a	=	61	%	EPA 8270C	-88	-88	12	136	
2016/17-6	Lab	LCS dup	5/24/2017	Organic	Naphthalene	n/a	=	6.61	µg/L	EPA 8270C	0.1	0.1			
2016/17-6	Lab	LCS dup, rec	5/24/2017	Organic	Naphthalene	n/a	=	66	%	EPA 8270C	-88	-88	12	136	
2016/17-6	Lab	LCS, RPD	5/24/2017	Organic	Naphthalene	n/a	=	8	%	EPA 8270C	-88	-88	0	30	
2016/17-6	Lab	method blank	5/26/2017	Organic	Naphthalene	n/a	<	0.47	µg/L	EPA 625	0.47	1			
2016/17-6	Lab	LCS	5/26/2017	Organic	Naphthalene	n/a	=	19.6	µg/L	EPA 625	0.47	1			
2016/17-6	Lab	LCS, rec	5/26/2017	Organic	Naphthalene	n/a	=	78	%	EPA 625	-88	-88	21	133	
2016/17-6	Lab	LCS dup	5/26/2017	Organic	Naphthalene	n/a	=	18.7	µg/L	EPA 625	0.47	1			
2016/17-6	Lab	LCS dup, rec	5/26/2017	Organic	Naphthalene	n/a	=	75	%	EPA 625	-88	-88	21	133	
2016/17-6	Lab	LCS, RPD	5/26/2017	Organic	Naphthalene	n/a	=	5	%	EPA 625	-88	-88	0	30	
2016/17-6	Lab	method blank	5/31/2017	Organic	Naphthalene	n/a	<	0.47	µg/L	EPA 625	0.47	1			
2016/17-6	Lab	LCS	5/31/2017	Organic	Naphthalene	n/a	=	17.6	µg/L	EPA 625	0.47	1			
2016/17-6	Lab	LCS, rec	5/31/2017	Organic	Naphthalene	n/a	=	70	%	EPA 625	-88	-88	21	133	
2016/17-6	Lab	LCS dup	5/31/2017	Organic	Naphthalene	n/a	=	17.2	µg/L	EPA 625	0.47	1			
2016/17-6	Lab	LCS dup, rec	5/31/2017	Organic	Naphthalene	n/a	=	69	%	EPA 625	-88	-88	21	133	
2016/17-6	Lab	LCS, RPD	5/31/2017	Organic	Naphthalene	n/a	=	2	%	EPA 625	-88	-88	0	30	
2016/17-6	Lab	method blank	6/2/2017	Organic	Naphthalene	n/a	<	0.1	µg/L	EPA 8270C	0.1	0.1			
2016/17-6	Lab	LCS	6/2/2017	Organic	Naphthalene	n/a	=	5.98	µg/L	EPA 8270C	0.1	0.1			
2016/17-6	Lab	LCS, rec	6/2/2017	Organic	Naphthalene	n/a	=	60	%	EPA 8270C	-88	-88	12	136	
2016/17-6	Lab	LCS dup	6/2/2017	Organic	Naphthalene	n/a	=	6.11	µg/L	EPA 8270C	0.1	0.1			
2016/17-6	Lab	LCS dup, rec	6/2/2017	Organic	Naphthalene	n/a	=	61	%	EPA 8270C	-88	-88	12	136	
2016/17-6	Lab	LCS, RPD	6/2/2017	Organic	Naphthalene	n/a	=	2	%	EPA 8270C	-88	-88	0	30	
2016/17-6	Lab	method blank	5/13/2017	Organic	Nitrobenzene	n/a	<	0.36	µg/L	EPA 625	0.36	1			
2016/17-6	Lab	LCS	5/13/2017	Organic	Nitrobenzene	n/a	=	16.2	µg/L	EPA 625	0.36	1			
2016/17-6	Lab	LCS, rec	5/13/2017	Organic	Nitrobenzene	n/a	=	65	%	EPA 625	-88	-88	35	180	
2016/17-6	Lab	LCS dup	5/13/2017	Organic	Nitrobenzene	n/a	=	15.6	µg/L	EPA 625	0.36	1			
2016/17-6	Lab	LCS dup, rec	5/13/2017	Organic	Nitrobenzene	n/a	=	62	%	EPA 625	-88	-88	35	180	
2016/17-6	Lab	LCS, RPD	5/13/2017	Organic	Nitrobenzene	n/a	=	4	%	EPA 625	-88	-88	0	30	
2016/17-6	Lab	method blank	5/26/2017	Organic	Nitrobenzene	n/a	<	0.36	µg/L	EPA 625	0.36	1			
2016/17-6	Lab	LCS	5/26/2017	Organic	Nitrobenzene	n/a	=	20.5	µg/L	EPA 625	0.36	1			
2016/17-6	Lab	LCS, rec	5/26/2017	Organic	Nitrobenzene	n/a	=	82	%	EPA 625	-88	-88	35	180	
2016/17-6	Lab	LCS dup	5/26/2017	Organic	Nitrobenzene	n/a	=	19.6	µg/L	EPA 625	0.36	1			
2016/17-6	Lab	LCS dup, rec	5/26/2017	Organic	Nitrobenzene	n/a	=	79	%	EPA 625	-88	-88	35	180	
2016/17-6	Lab	LCS, RPD	5/26/2017	Organic	Nitrobenzene	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	
2016/17-6	Lab	method blank	5/31/2017	Organic	Nitrobenzene	n/a	<	0.36	µg/L	EPA 625	0.36	1			
2016/17-6	Lab	LCS	5/31/2017	Organic	Nitrobenzene	n/a	=	17.1	µg/L	EPA 625	0.36	1			
2016/17-6	Lab	LCS, rec	5/31/2017	Organic	Nitrobenzene	n/a	=	68	%	EPA 625	-88	-88	35	180	
2016/17-6	Lab	LCS dup	5/31/2017	Organic	Nitrobenzene	n/a	=	18.3	µg/L	EPA 625	0.36	1			
2016/17-6	Lab	LCS dup, rec	5/31/2017	Organic	Nitrobenzene	n/a	=	73	%	EPA 625	-88	-88	35	180	
2016/17-6	Lab	LCS, RPD	5/31/2017	Organic	Nitrobenzene	n/a	=	6	%	EPA 625	-88	-88	0	30	
2016/17-6	Lab	srgt method blank	5/13/2017	Organic	Nitrobenzene-d5	n/a	=	15.3	µg/L	EPA 625	-88	-88			
2016/17-6	Lab	srgt method blank, rec	5/13/2017	Organic	Nitrobenzene-d5	n/a	=	61	%	EPA 625	-88	-88	27	111	
2016/17-6	Lab	srgt LCS	5/13/2017	Organic	Nitrobenzene-d5	n/a	=	15.5	µg/L	EPA 625	-88	-88			
2016/17-6	Lab	srgt LCS, rec	5/13/2017	Organic	Nitrobenzene-d5	n/a	=	62	%	EPA 625	-88	-88	27	111	
2016/17-6	Lab	srgt LCS dup	5/13/2017	Organic	Nitrobenzene-d5	n/a	=	14.6	µg/L	EPA 625	-88	-88			
2016/17-6	Lab	srgt LCS dup, rec	5/13/2017	Organic	Nitrobenzene-d5	n/a	=	58	%	EPA 625	-88	-88	27	111	
2016/17-6	Lab	srgt method blank	5/17/2017	Organic	Nitrobenzene-d5	n/a	=	2.15	µg/L	EPA 8270C	-88	-88			GN
2016/17-6	Lab	srgt method blank, rec	5/17/2017	Organic	Nitrobenzene-d5	n/a	=	43	%	EPA 8270C	-88	-88	51	143	GN
2016/17-6	Lab	srgt LCS	5/17/2017	Organic	Nitrobenzene-d5	n/a	=	2.21	µg/L	EPA 8270C	-88	-88			GN
2016/17-6	Lab	srgt LCS, rec	5/17/2017	Organic	Nitrobenzene-d5	n/a	=	44	%	EPA 8270C	-88	-88	51	143	GN
2016/17-6	Lab	srgt LCS dup	5/17/2017	Organic	Nitrobenzene-d5	n/a	=	2.49	µg/L	EPA 8270C	-88	-88			GN
2016/17-6	Lab	srgt LCS dup, rec	5/17/2017	Organic	Nitrobenzene-d5	n/a	=	50	%	EPA 8270C	-88	-88	51	143	GN
2016/17-6	Lab	srgt method blank	5/24/2017	Organic	Nitrobenzene-d5	n/a	=	2.41	µg/L	EPA 8270C	-88	-88			GN
2016/17-6	Lab	srgt method blank, rec	5/24/2017	Organic	Nitrobenzene-d5	n/a	=	48	%	EPA 8270C	-88	-88	51	143	GN
2016/17-6	Lab	srgt LCS	5/24/2017	Organic	Nitrobenzene-d5	n/a	=	2.39	µg/L	EPA 8270C	-88	-88			GN
2016/17-6	Lab	srgt LCS, rec	5/24/2017	Organic	Nitrobenzene-d5	n/a	=	48	%	EPA 8270C	-88	-88	51	143	GN
2016/17-6	Lab	srgt LCS dup	5/24/2017	Organic	Nitrobenzene-d5	n/a	=	2.71	µg/L	EPA 8270C	-88	-88			
2016/17-6	Lab	srgt LCS dup, rec	5/24/2017	Organic	Nitrobenzene-d5	n/a	=	54	%	EPA 8270C	-88	-88	51	143	
2016/17-6	Lab	srgt method blank	5/26/2017	Organic	Nitrobenzene-d5	n/a	=	16.8	µg/L	EPA 625	-88	-88			
2016/17-6	Lab	srgt method blank, rec	5/26/2017	Organic	Nitrobenzene-d5	n/a	=	67	%	EPA 625	-88	-88	27	111	
2016/17-6	Lab	srgt LCS	5/26/2017	Organic	Nitrobenzene-d5	n/a	=	18.2	µg/L	EPA 625	-88	-88			
2016/17-6	Lab	srgt LCS, rec	5/26/2017	Organic	Nitrobenzene-d5	n/a	=	73	%	EPA 625	-88	-88	27	111	
2016/17-6	Lab	srgt LCS dup	5/26/2017	Organic	Nitrobenzene-d5	n/a	=	18.2	µg/L	EPA 625	-88	-88			
2016/17-6	Lab	srgt LCS dup, rec	5/26/2017	Organic	Nitrobenzene-d5	n/a	=	73	%	EPA 625	-88	-88	27	111	
2016/17-6	Lab	srgt method blank	5/31/2017	Organic	Nitrobenzene-d5	n/a	=	13.8	µg/L	EPA 625	-88	-88			
2016/17-6	Lab	srgt method blank, rec	5/31/2017	Organic	Nitrobenzene-d5	n/a	=	55	%	EPA 625	-88	-88	27	111	
2016/17-6	Lab	srgt LCS	5/31/2017	Organic	Nitrobenzene-d5	n/a	=	15.5	µg/L	EPA 625	-88	-88			
2016/17-6	Lab	srgt LCS, rec	5/31/2017	Organic	Nitrobenzene-d5	n/a	=	62	%	EPA 625	-88	-88	27	111	
2016/17-6	Lab	srgt LCS dup	5/31/2017	Organic	Nitrobenzene-d5	n/a	=	16.3	µg/L	EPA 625	-88	-88			
2016/17-6	Lab	srgt LCS dup, rec	5/31/2017	Organic	Nitrobenzene-d5	n/a	=	65	%	EPA 625	-88	-88	27	111	
2016/17-6	Lab	srgt method blank	6/2/2017	Organic	Nitrobenzene-d5	n/a	=	2.34	µg/L	EPA 8270C	-88	-88			GN
2016/17-6	Lab	srgt method blank, rec	6/2/2017	Organic	Nitrobenzene-d5	n/a	=	47	%	EPA 8270C	-88	-88	51	143	GN
2016/17-6	Lab	srgt LCS	6/2/2017	Organic	Nitrobenzene-d5	n/a	=	2.29	µg/L	EPA 8270C	-88	-88			GN
2016/17-6	Lab	srgt LCS, rec	6/2/2017	Organic	Nitrobenzene-d5	n/a	=	46	%	EPA 8270C	-88	-88	51	143	GN
2016/17-6	Lab	srgt LCS dup	6/2/2017	Organic	Nitrobenzene-d5	n/a	=	2.38	µg/L	EPA 8270C	-88	-88			GN
2016/17-6	Lab	srgt LCS dup, rec	6/2/2017	Organic	Nitrobenzene-d5	n/a	=	48	%	EPA 8270C	-88	-88	51	143	GN
2016/17-6	ME-CC	srgt environ	5/24/2017	Organic	Nitrobenzene-d5	n/a	=	2.66	µg/L	EPA 8270C	-88	-88			
2016/17-6	ME-CC	srgt environ, rec	5/24/2017	Organic	Nitrobenzene-d5	n/a	=	53	%	EPA 8270C	-88	-88	51	143	
2016/17-6	ME-CC	srgt environ	5/26/2017	Organic	Nitrobenzene-d5	n/a	=	17	µg/L	EPA 625	-88	-88			
2016/17-6	ME-CC	srgt environ, rec	5/26/2017	Organic	Nitrobenzene-d5	n/a	=	68	%	EPA 625	-88	-88	27	111	
2016/17-6	ME-SCR	srgt environ	5/13/2017	Organic	Nitrobenzene-d5	n/a	=	18.2	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	
2016/17-6	ME-SCR	srgt environ, rec	5/13/2017	Organic	Nitrobenzene-d5	n/a	=	73	%	EPA 625	-88	-88	27	111	
2016/17-6	ME-SCR	srgt environ	5/17/2017	Organic	Nitrobenzene-d5	n/a	=	2.54	µg/L	EPA 8270C	-88	-88			
2016/17-6	ME-SCR	srgt environ, rec	5/17/2017	Organic	Nitrobenzene-d5	n/a	=	51	%	EPA 8270C	-88	-88	51	143	
2016/17-6	ME-VR2	srgt environ	5/31/2017	Organic	Nitrobenzene-d5	n/a	=	15.5	µg/L	EPA 625	-88	-88			
2016/17-6	ME-VR2	srgt environ, rec	5/31/2017	Organic	Nitrobenzene-d5	n/a	=	62	%	EPA 625	-88	-88	27	111	
2016/17-6	ME-VR2	srgt environ	6/2/2017	Organic	Nitrobenzene-d5	n/a	=	2.55	µg/L	EPA 8270C	-88	-88			
2016/17-6	ME-VR2	srgt environ, rec	6/2/2017	Organic	Nitrobenzene-d5	n/a	=	51	%	EPA 8270C	-88	-88	51	143	
2016/17-6	MO-CAM	srgt environ	5/24/2017	Organic	Nitrobenzene-d5	n/a	=	1.92	µg/L	EPA 8270C	-88	-88			GN
2016/17-6	MO-CAM	srgt environ, rec	5/24/2017	Organic	Nitrobenzene-d5	n/a	=	38	%	EPA 8270C	-88	-88	51	143	GN
2016/17-6	MO-CAM	srgt environ	5/26/2017	Organic	Nitrobenzene-d5	n/a	=	17.3	µg/L	EPA 625	-88	-88			
2016/17-6	MO-CAM	srgt environ, rec	5/26/2017	Organic	Nitrobenzene-d5	n/a	=	69	%	EPA 625	-88	-88	27	111	
2016/17-6	MO-FIL	srgt environ	5/13/2017	Organic	Nitrobenzene-d5	n/a	=	15.8	µg/L	EPA 625	-88	-88			
2016/17-6	MO-FIL	srgt environ, rec	5/13/2017	Organic	Nitrobenzene-d5	n/a	=	63	%	EPA 625	-88	-88	27	111	
2016/17-6	MO-FIL	srgt environ	5/17/2017	Organic	Nitrobenzene-d5	n/a	=	2.47	µg/L	EPA 8270C	-88	-88			GN
2016/17-6	MO-FIL	srgt environ, rec	5/17/2017	Organic	Nitrobenzene-d5	n/a	=	49	%	EPA 8270C	-88	-88	51	143	GN
2016/17-6	MO-HUE	srgt environ	5/31/2017	Organic	Nitrobenzene-d5	n/a	=	13.3	µg/L	EPA 625	-88	-88			
2016/17-6	MO-HUE	srgt environ, rec	5/31/2017	Organic	Nitrobenzene-d5	n/a	=	53	%	EPA 625	-88	-88	27	111	
2016/17-6	MO-HUE	srgt environ	6/2/2017	Organic	Nitrobenzene-d5	n/a	=	2.51	µg/L	EPA 8270C	-88	-88			GN
2016/17-6	MO-HUE	srgt environ, rec	6/2/2017	Organic	Nitrobenzene-d5	n/a	=	50	%	EPA 8270C	-88	-88	51	143	GN
2016/17-6	MO-MPK	srgt environ	5/24/2017	Organic	Nitrobenzene-d5	n/a	=	1.82	µg/L	EPA 8270C	-88	-88			GN
2016/17-6	MO-MPK	srgt environ, rec	5/24/2017	Organic	Nitrobenzene-d5	n/a	=	36	%	EPA 8270C	-88	-88	51	143	GN
2016/17-6	MO-MPK	srgt environ	5/26/2017	Organic	Nitrobenzene-d5	n/a	=	12.2	µg/L	EPA 625	-88	-88			
2016/17-6	MO-MPK	srgt environ, rec	5/26/2017	Organic	Nitrobenzene-d5	n/a	=	49	%	EPA 625	-88	-88	27	111	
2016/17-6	MO-OJA	srgt environ	5/31/2017	Organic	Nitrobenzene-d5	n/a	=	13.2	µg/L	EPA 625	-88	-88			
2016/17-6	MO-OJA	srgt environ, rec	5/31/2017	Organic	Nitrobenzene-d5	n/a	=	53	%	EPA 625	-88	-88	27	111	
2016/17-6	MO-OJA	srgt environ	6/2/2017	Organic	Nitrobenzene-d5	n/a	=	2.11	µg/L	EPA 8270C	-88	-88			GN
2016/17-6	MO-OJA	srgt environ, rec	6/2/2017	Organic	Nitrobenzene-d5	n/a	=	42	%	EPA 8270C	-88	-88	51	143	GN
2016/17-6	MO-SIM	srgt environ	5/24/2017	Organic	Nitrobenzene-d5	n/a	=	2.77	µg/L	EPA 8270C	-88	-88			
2016/17-6	MO-SIM	srgt environ, rec	5/24/2017	Organic	Nitrobenzene-d5	n/a	=	55	%	EPA 8270C	-88	-88	51	143	
2016/17-6	MO-SIM	srgt environ	5/26/2017	Organic	Nitrobenzene-d5	n/a	=	15	µg/L	EPA 625	-88	-88			
2016/17-6	MO-SIM	srgt environ, rec	5/26/2017	Organic	Nitrobenzene-d5	n/a	=	60	%	EPA 625	-88	-88	27	111	
2016/17-6	MO-THO	srgt environ	5/24/2017	Organic	Nitrobenzene-d5	n/a	=	2.41	µg/L	EPA 8270C	-88	-88			GN
2016/17-6	MO-THO	srgt environ, rec	5/24/2017	Organic	Nitrobenzene-d5	n/a	=	48	%	EPA 8270C	-88	-88	51	143	GN
2016/17-6	MO-THO	srgt environ	5/26/2017	Organic	Nitrobenzene-d5	n/a	=	16.8	µg/L	EPA 625	-88	-88			
2016/17-6	MO-THO	srgt environ, rec	5/26/2017	Organic	Nitrobenzene-d5	n/a	=	67	%	EPA 625	-88	-88	27	111	
2016/17-6	MO-VEN	srgt environ	5/13/2017	Organic	Nitrobenzene-d5	n/a	=	12.7	µg/L	EPA 625	-88	-88			
2016/17-6	MO-VEN	srgt environ, rec	5/13/2017	Organic	Nitrobenzene-d5	n/a	=	51	%	EPA 625	-88	-88	27	111	
2016/17-6	MO-VEN	srgt environ	5/17/2017	Organic	Nitrobenzene-d5	n/a	=	2.39	µg/L	EPA 8270C	-88	-88			GN
2016/17-6	MO-VEN	srgt environ, rec	5/17/2017	Organic	Nitrobenzene-d5	n/a	=	48	%	EPA 8270C	-88	-88	51	143	GN
2016/17-6	Lab	method blank	5/13/2017	Organic	N-Nitrosodimethylamine	n/a	<	0.14	µg/L	EPA 625	0.14	1			
2016/17-6	Lab	LCS	5/13/2017	Organic	N-Nitrosodimethylamine	n/a	=	11.2	µg/L	EPA 625	0.14	1			
2016/17-6	Lab	LCS, rec	5/13/2017	Organic	N-Nitrosodimethylamine	n/a	=	45	%	EPA 625	-88	-88	28	75	
2016/17-6	Lab	LCS dup	5/13/2017	Organic	N-Nitrosodimethylamine	n/a	=	9.75	µg/L	EPA 625	0.14	1			
2016/17-6	Lab	LCS dup, rec	5/13/2017	Organic	N-Nitrosodimethylamine	n/a	=	39	%	EPA 625	-88	-88	28	75	
2016/17-6	Lab	LCS, RPD	5/13/2017	Organic	N-Nitrosodimethylamine	n/a	=	14	%	EPA 625	-88	-88	0	30	
2016/17-6	Lab	method blank	5/26/2017	Organic	N-Nitrosodimethylamine	n/a	<	0.14	µg/L	EPA 625	0.14	1			
2016/17-6	Lab	LCS	5/26/2017	Organic	N-Nitrosodimethylamine	n/a	=	13.6	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	
2016/17-6	Lab	LCS, rec	5/26/2017	Organic	N-Nitrosodimethylamine	n/a	=	54	%	EPA 625	-88	-88	28	75	
2016/17-6	Lab	LCS dup	5/26/2017	Organic	N-Nitrosodimethylamine	n/a	=	13.7	µg/L	EPA 625	0.14	1			
2016/17-6	Lab	LCS dup, rec	5/26/2017	Organic	N-Nitrosodimethylamine	n/a	=	55	%	EPA 625	-88	-88	28	75	
2016/17-6	Lab	LCS, RPD	5/26/2017	Organic	N-Nitrosodimethylamine	n/a	=	0.9	%	EPA 625	-88	-88	0	30	
2016/17-6	Lab	method blank	5/31/2017	Organic	N-Nitrosodimethylamine	n/a	<	0.14	µg/L	EPA 625	0.14	1			
2016/17-6	Lab	LCS	5/31/2017	Organic	N-Nitrosodimethylamine	n/a	=	11.2	µg/L	EPA 625	0.14	1			
2016/17-6	Lab	LCS, rec	5/31/2017	Organic	N-Nitrosodimethylamine	n/a	=	45	%	EPA 625	-88	-88	28	75	
2016/17-6	Lab	LCS dup	5/31/2017	Organic	N-Nitrosodimethylamine	n/a	=	12.1	µg/L	EPA 625	0.14	1			
2016/17-6	Lab	LCS dup, rec	5/31/2017	Organic	N-Nitrosodimethylamine	n/a	=	48	%	EPA 625	-88	-88	28	75	
2016/17-6	Lab	LCS, RPD	5/31/2017	Organic	N-Nitrosodimethylamine	n/a	=	8	%	EPA 625	-88	-88	0	30	
2016/17-6	Lab	method blank	5/13/2017	Organic	N-Nitrosodi-N-propylamine	n/a	<	0.26	µg/L	EPA 625	0.26	1			
2016/17-6	Lab	LCS	5/13/2017	Organic	N-Nitrosodi-N-propylamine	n/a	=	9.37	µg/L	EPA 625	0.26	1			
2016/17-6	Lab	LCS, rec	5/13/2017	Organic	N-Nitrosodi-N-propylamine	n/a	=	37	%	EPA 625	-88	-88	0.1	230	
2016/17-6	Lab	LCS dup	5/13/2017	Organic	N-Nitrosodi-N-propylamine	n/a	=	9.29	µg/L	EPA 625	0.26	1			
2016/17-6	Lab	LCS dup, rec	5/13/2017	Organic	N-Nitrosodi-N-propylamine	n/a	=	37	%	EPA 625	-88	-88	0.1	230	
2016/17-6	Lab	LCS, RPD	5/13/2017	Organic	N-Nitrosodi-N-propylamine	n/a	=	0.9	%	EPA 625	-88	-88	0	30	
2016/17-6	Lab	method blank	5/26/2017	Organic	N-Nitrosodi-N-propylamine	n/a	<	0.26	µg/L	EPA 625	0.26	1			
2016/17-6	Lab	LCS	5/26/2017	Organic	N-Nitrosodi-N-propylamine	n/a	=	7.58	µg/L	EPA 625	0.26	1			
2016/17-6	Lab	LCS, rec	5/26/2017	Organic	N-Nitrosodi-N-propylamine	n/a	=	30	%	EPA 625	-88	-88	0.1	230	
2016/17-6	Lab	LCS dup	5/26/2017	Organic	N-Nitrosodi-N-propylamine	n/a	=	10.1	µg/L	EPA 625	0.26	1			
2016/17-6	Lab	LCS dup, rec	5/26/2017	Organic	N-Nitrosodi-N-propylamine	n/a	=	40	%	EPA 625	-88	-88	0.1	230	
2016/17-6	Lab	LCS, RPD	5/26/2017	Organic	N-Nitrosodi-N-propylamine	n/a	=	28	%	EPA 625	-88	-88	0	30	
2016/17-6	Lab	method blank	5/31/2017	Organic	N-Nitrosodi-N-propylamine	n/a	<	0.26	µg/L	EPA 625	0.26	1			
2016/17-6	Lab	LCS	5/31/2017	Organic	N-Nitrosodi-N-propylamine	n/a	=	8.76	µg/L	EPA 625	0.26	1			
2016/17-6	Lab	LCS, rec	5/31/2017	Organic	N-Nitrosodi-N-propylamine	n/a	=	35	%	EPA 625	-88	-88	0.1	230	
2016/17-6	Lab	LCS dup	5/31/2017	Organic	N-Nitrosodi-N-propylamine	n/a	=	8.32	µg/L	EPA 625	0.26	1			
2016/17-6	Lab	LCS dup, rec	5/31/2017	Organic	N-Nitrosodi-N-propylamine	n/a	=	33	%	EPA 625	-88	-88	0.1	230	
2016/17-6	Lab	LCS, RPD	5/31/2017	Organic	N-Nitrosodi-N-propylamine	n/a	=	5	%	EPA 625	-88	-88	0	30	
2016/17-6	Lab	method blank	5/13/2017	Organic	N-Nitrosodiphenylamine	n/a	<	0.19	µg/L	EPA 625	0.19	1			
2016/17-6	Lab	LCS	5/13/2017	Organic	N-Nitrosodiphenylamine	n/a	=	17.2	µg/L	EPA 625	0.19	1			
2016/17-6	Lab	LCS, rec	5/13/2017	Organic	N-Nitrosodiphenylamine	n/a	=	69	%	EPA 625	-88	-88	42	90	
2016/17-6	Lab	LCS dup	5/13/2017	Organic	N-Nitrosodiphenylamine	n/a	=	15.8	µg/L	EPA 625	0.19	1			
2016/17-6	Lab	LCS dup, rec	5/13/2017	Organic	N-Nitrosodiphenylamine	n/a	=	63	%	EPA 625	-88	-88	42	90	
2016/17-6	Lab	LCS, RPD	5/13/2017	Organic	N-Nitrosodiphenylamine	n/a	=	9	%	EPA 625	-88	-88	0	30	
2016/17-6	Lab	method blank	5/26/2017	Organic	N-Nitrosodiphenylamine	n/a	<	0.19	µg/L	EPA 625	0.19	1			
2016/17-6	Lab	LCS	5/26/2017	Organic	N-Nitrosodiphenylamine	n/a	=	18.5	µg/L	EPA 625	0.19	1			
2016/17-6	Lab	LCS, rec	5/26/2017	Organic	N-Nitrosodiphenylamine	n/a	=	74	%	EPA 625	-88	-88	42	90	
2016/17-6	Lab	LCS dup	5/26/2017	Organic	N-Nitrosodiphenylamine	n/a	=	18.6	µg/L	EPA 625	0.19	1			
2016/17-6	Lab	LCS dup, rec	5/26/2017	Organic	N-Nitrosodiphenylamine	n/a	=	75	%	EPA 625	-88	-88	42	90	
2016/17-6	Lab	LCS, RPD	5/26/2017	Organic	N-Nitrosodiphenylamine	n/a	=	0.7	%	EPA 625	-88	-88	0	30	
2016/17-6	Lab	method blank	5/31/2017	Organic	N-Nitrosodiphenylamine	n/a	<	0.19	µg/L	EPA 625	0.19	1			
2016/17-6	Lab	LCS	5/31/2017	Organic	N-Nitrosodiphenylamine	n/a	=	17.3	µg/L	EPA 625	0.19	1			
2016/17-6	Lab	LCS, rec	5/31/2017	Organic	N-Nitrosodiphenylamine	n/a	=	69	%	EPA 625	-88	-88	42	90	
2016/17-6	Lab	LCS dup	5/31/2017	Organic	N-Nitrosodiphenylamine	n/a	=	17.8	µg/L	EPA 625	0.19	1			
2016/17-6	Lab	LCS dup, rec	5/31/2017	Organic	N-Nitrosodiphenylamine	n/a	=	71	%	EPA 625	-88	-88	42	90	
2016/17-6	Lab	LCS, RPD	5/31/2017	Organic	N-Nitrosodiphenylamine	n/a	=	3	%	EPA 625	-88	-88	0	30	
2016/17-6	Lab	srgt method blank	5/5/2017	Organic	Perylene-d12	n/a	=	3.97	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	
2016/17-6	Lab	srgt method blank, rec	5/5/2017	Organic	Perylene-d12	n/a	=	79	%	EPA 525.2	-88	-88	50	120	
2016/17-6	Lab	srgt LCS	5/5/2017	Organic	Perylene-d12	n/a	=	4.49	µg/L	EPA 525.2	-88	-88			
2016/17-6	Lab	srgt LCS, rec	5/5/2017	Organic	Perylene-d12	n/a	=	90	%	EPA 525.2	-88	-88	50	120	
2016/17-6	Lab	srgt LCS dup	5/5/2017	Organic	Perylene-d12	n/a	=	4.56	µg/L	EPA 525.2	-88	-88			
2016/17-6	Lab	srgt LCS dup, rec	5/5/2017	Organic	Perylene-d12	n/a	=	91	%	EPA 525.2	-88	-88	50	120	
2016/17-6	Lab	srgt method blank	5/10/2017	Organic	Perylene-d12	n/a	=	4.11	µg/L	EPA 525.2	-88	-88			
2016/17-6	Lab	srgt method blank, rec	5/10/2017	Organic	Perylene-d12	n/a	=	82	%	EPA 525.2	-88	-88	50	120	
2016/17-6	Lab	srgt LCS	5/10/2017	Organic	Perylene-d12	n/a	=	4.28	µg/L	EPA 525.2	-88	-88			
2016/17-6	Lab	srgt LCS, rec	5/10/2017	Organic	Perylene-d12	n/a	=	86	%	EPA 525.2	-88	-88	50	120	
2016/17-6	Lab	srgt LCS dup	5/10/2017	Organic	Perylene-d12	n/a	=	4.31	µg/L	EPA 525.2	-88	-88			
2016/17-6	Lab	srgt LCS dup, rec	5/10/2017	Organic	Perylene-d12	n/a	=	86	%	EPA 525.2	-88	-88	50	120	
2016/17-6	Lab	srgt method blank	5/24/2017	Organic	Perylene-d12	n/a	=	4.52	µg/L	EPA 525.2	-88	-88			
2016/17-6	Lab	srgt method blank, rec	5/24/2017	Organic	Perylene-d12	n/a	=	90	%	EPA 525.2	-88	-88	50	120	
2016/17-6	Lab	srgt LCS	5/24/2017	Organic	Perylene-d12	n/a	=	4.77	µg/L	EPA 525.2	-88	-88			
2016/17-6	Lab	srgt LCS, rec	5/24/2017	Organic	Perylene-d12	n/a	=	95	%	EPA 525.2	-88	-88	50	120	
2016/17-6	Lab	srgt LCS dup	5/24/2017	Organic	Perylene-d12	n/a	=	4.79	µg/L	EPA 525.2	-88	-88			
2016/17-6	Lab	srgt LCS dup, rec	5/24/2017	Organic	Perylene-d12	n/a	=	96	%	EPA 525.2	-88	-88	50	120	
2016/17-6	Lab	srgt method blank	5/25/2017	Organic	Perylene-d12	n/a	=	4.51	µg/L	EPA 525.2	-88	-88			
2016/17-6	Lab	srgt method blank, rec	5/25/2017	Organic	Perylene-d12	n/a	=	90	%	EPA 525.2	-88	-88	50	120	
2016/17-6	Lab	srgt LCS	5/25/2017	Organic	Perylene-d12	n/a	=	4.73	µg/L	EPA 525.2	-88	-88			
2016/17-6	Lab	srgt LCS, rec	5/25/2017	Organic	Perylene-d12	n/a	=	95	%	EPA 525.2	-88	-88	50	120	
2016/17-6	Lab	srgt LCS dup	5/25/2017	Organic	Perylene-d12	n/a	=	4.76	µg/L	EPA 525.2	-88	-88			
2016/17-6	Lab	srgt LCS dup, rec	5/25/2017	Organic	Perylene-d12	n/a	=	95	%	EPA 525.2	-88	-88	50	120	
2016/17-6	Lab	srgt method blank	6/15/2017	Organic	Perylene-d12	n/a	=	4.37	µg/L	EPA 525.2	-88	-88			
2016/17-6	Lab	srgt method blank, rec	6/15/2017	Organic	Perylene-d12	n/a	=	87	%	EPA 525.2	-88	-88	50	120	
2016/17-6	Lab	srgt LCS	6/15/2017	Organic	Perylene-d12	n/a	=	4.9	µg/L	EPA 525.2	-88	-88			
2016/17-6	Lab	srgt LCS, rec	6/15/2017	Organic	Perylene-d12	n/a	=	98	%	EPA 525.2	-88	-88	50	120	
2016/17-6	Lab	srgt LCS dup	6/15/2017	Organic	Perylene-d12	n/a	=	5.11	µg/L	EPA 525.2	-88	-88			
2016/17-6	Lab	srgt LCS dup, rec	6/15/2017	Organic	Perylene-d12	n/a	=	102	%	EPA 525.2	-88	-88	50	120	
2016/17-6	ME-CC	srgt environ	6/15/2017	Organic	Perylene-d12	n/a	=	3.88	µg/L	EPA 525.2	-88	-88			
2016/17-6	ME-CC	srgt environ, rec	6/15/2017	Organic	Perylene-d12	n/a	=	78	%	EPA 525.2	-88	-88	50	120	
2016/17-6	ME-SCR	srgt environ	5/5/2017	Organic	Perylene-d12	n/a	=	4.65	µg/L	EPA 525.2	-88	-88			
2016/17-6	ME-SCR	srgt environ, rec	5/5/2017	Organic	Perylene-d12	n/a	=	93	%	EPA 525.2	-88	-88	50	120	
2016/17-6	ME-VR2	srgt environ	5/24/2017	Organic	Perylene-d12	n/a	=	4.55	µg/L	EPA 525.2	-88	-88			
2016/17-6	ME-VR2	srgt environ, rec	5/24/2017	Organic	Perylene-d12	n/a	=	91	%	EPA 525.2	-88	-88	50	120	
2016/17-6	MO-CAM	srgt environ	6/15/2017	Organic	Perylene-d12	n/a	=	3.12	µg/L	EPA 525.2	-88	-88			
2016/17-6	MO-CAM	srgt environ, rec	6/15/2017	Organic	Perylene-d12	n/a	=	62	%	EPA 525.2	-88	-88	50	120	
2016/17-6	MO-FIL	srgt environ	5/5/2017	Organic	Perylene-d12	n/a	=	4.75	µg/L	EPA 525.2	-88	-88			
2016/17-6	MO-FIL	srgt environ, rec	5/5/2017	Organic	Perylene-d12	n/a	=	95	%	EPA 525.2	-88	-88	50	120	
2016/17-6	MO-HUE	srgt environ	5/24/2017	Organic	Perylene-d12	n/a	=	2.01	µg/L	EPA 525.2	-88	-88			GN
2016/17-6	MO-HUE	srgt environ, rec	5/24/2017	Organic	Perylene-d12	n/a	=	40	%	EPA 525.2	-88	-88	50	120	GN
2016/17-6	MO-MPK	srgt environ	6/15/2017	Organic	Perylene-d12	n/a	=	2.13	µg/L	EPA 525.2	-88	-88			GN
2016/17-6	MO-MPK	srgt environ, rec	6/15/2017	Organic	Perylene-d12	n/a	=	43	%	EPA 525.2	-88	-88	50	120	GN
2016/17-6	MO-OJA	srgt environ	5/24/2017	Organic	Perylene-d12	n/a	=	4.79	µg/L	EPA 525.2	-88	-88			
2016/17-6	MO-OJA	srgt environ, rec	5/24/2017	Organic	Perylene-d12	n/a	=	96	%	EPA 525.2	-88	-88	50	120	
2016/17-6	MO-SIM	srgt environ	6/15/2017	Organic	Perylene-d12	n/a	=	3.84	µg/L	EPA 525.2	-88	-88			
2016/17-6	MO-SIM	srgt environ, rec	6/15/2017	Organic	Perylene-d12	n/a	=	77	%	EPA 525.2	-88	-88	50	120	

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2016/17-6	MO-THO	srgt environ	6/15/2017	Organic	Perylene-d12	n/a	=	4.14	µg/L	EPA 525.2	-88	-88			
2016/17-6	MO-THO	srgt environ, rec	6/15/2017	Organic	Perylene-d12	n/a	=	83	%	EPA 525.2	-88	-88	50	120	
2016/17-6	MO-VEN	srgt environ	5/5/2017	Organic	Perylene-d12	n/a	=	3.61	µg/L	EPA 525.2	-88	-88			
2016/17-6	MO-VEN	srgt environ, rec	5/5/2017	Organic	Perylene-d12	n/a	=	72	%	EPA 525.2	-88	-88	50	120	
2016/17-6	Lab	method blank	5/13/2017	Organic	Phenanthrene	n/a	<	0.32	µg/L	EPA 625	0.32	1			
2016/17-6	Lab	LCS	5/13/2017	Organic	Phenanthrene	n/a	=	20.6	µg/L	EPA 625	0.32	1			
2016/17-6	Lab	LCS, rec	5/13/2017	Organic	Phenanthrene	n/a	=	82	%	EPA 625	-88	-88	54	120	
2016/17-6	Lab	LCS dup	5/13/2017	Organic	Phenanthrene	n/a	=	18.7	µg/L	EPA 625	0.32	1			
2016/17-6	Lab	LCS dup, rec	5/13/2017	Organic	Phenanthrene	n/a	=	75	%	EPA 625	-88	-88	54	120	
2016/17-6	Lab	LCS, RPD	5/13/2017	Organic	Phenanthrene	n/a	=	10	%	EPA 625	-88	-88	0	30	
2016/17-6	Lab	method blank	5/17/2017	Organic	Phenanthrene	n/a	<	0.1	µg/L	EPA 8270C	0.1	0.1			
2016/17-6	Lab	LCS	5/17/2017	Organic	Phenanthrene	n/a	=	8.27	µg/L	EPA 8270C	0.1	0.1			
2016/17-6	Lab	LCS, rec	5/17/2017	Organic	Phenanthrene	n/a	=	83	%	EPA 8270C	-88	-88	21	131	
2016/17-6	Lab	LCS dup	5/17/2017	Organic	Phenanthrene	n/a	=	8.51	µg/L	EPA 8270C	0.1	0.1			
2016/17-6	Lab	LCS dup, rec	5/17/2017	Organic	Phenanthrene	n/a	=	85	%	EPA 8270C	-88	-88	21	131	
2016/17-6	Lab	LCS, RPD	5/17/2017	Organic	Phenanthrene	n/a	=	3	%	EPA 8270C	-88	-88	0	30	
2016/17-6	Lab	method blank	5/24/2017	Organic	Phenanthrene	n/a	<	0.1	µg/L	EPA 8270C	0.1	0.1			
2016/17-6	Lab	LCS	5/24/2017	Organic	Phenanthrene	n/a	=	7.56	µg/L	EPA 8270C	0.1	0.1			
2016/17-6	Lab	LCS, rec	5/24/2017	Organic	Phenanthrene	n/a	=	76	%	EPA 8270C	-88	-88	21	131	
2016/17-6	Lab	LCS dup	5/24/2017	Organic	Phenanthrene	n/a	=	8.02	µg/L	EPA 8270C	0.1	0.1			
2016/17-6	Lab	LCS dup, rec	5/24/2017	Organic	Phenanthrene	n/a	=	80	%	EPA 8270C	-88	-88	21	131	
2016/17-6	Lab	LCS, RPD	5/24/2017	Organic	Phenanthrene	n/a	=	6	%	EPA 8270C	-88	-88	0	30	
2016/17-6	Lab	method blank	5/26/2017	Organic	Phenanthrene	n/a	<	0.32	µg/L	EPA 625	0.32	1			
2016/17-6	Lab	LCS	5/26/2017	Organic	Phenanthrene	n/a	=	21	µg/L	EPA 625	0.32	1			
2016/17-6	Lab	LCS, rec	5/26/2017	Organic	Phenanthrene	n/a	=	84	%	EPA 625	-88	-88	54	120	
2016/17-6	Lab	LCS dup	5/26/2017	Organic	Phenanthrene	n/a	=	21.2	µg/L	EPA 625	0.32	1			
2016/17-6	Lab	LCS dup, rec	5/26/2017	Organic	Phenanthrene	n/a	=	85	%	EPA 625	-88	-88	54	120	
2016/17-6	Lab	LCS, RPD	5/26/2017	Organic	Phenanthrene	n/a	=	0.6	%	EPA 625	-88	-88	0	30	
2016/17-6	Lab	method blank	5/31/2017	Organic	Phenanthrene	n/a	<	0.32	µg/L	EPA 625	0.32	1			
2016/17-6	Lab	LCS	5/31/2017	Organic	Phenanthrene	n/a	=	19.3	µg/L	EPA 625	0.32	1			
2016/17-6	Lab	LCS, rec	5/31/2017	Organic	Phenanthrene	n/a	=	77	%	EPA 625	-88	-88	54	120	
2016/17-6	Lab	LCS dup	5/31/2017	Organic	Phenanthrene	n/a	=	20	µg/L	EPA 625	0.32	1			
2016/17-6	Lab	LCS dup, rec	5/31/2017	Organic	Phenanthrene	n/a	=	80	%	EPA 625	-88	-88	54	120	
2016/17-6	Lab	LCS, RPD	5/31/2017	Organic	Phenanthrene	n/a	=	4	%	EPA 625	-88	-88	0	30	
2016/17-6	Lab	method blank	6/2/2017	Organic	Phenanthrene	n/a	<	0.1	µg/L	EPA 8270C	0.1	0.1			
2016/17-6	Lab	LCS	6/2/2017	Organic	Phenanthrene	n/a	=	6.79	µg/L	EPA 8270C	0.1	0.1			
2016/17-6	Lab	LCS, rec	6/2/2017	Organic	Phenanthrene	n/a	=	68	%	EPA 8270C	-88	-88	21	131	
2016/17-6	Lab	LCS dup	6/2/2017	Organic	Phenanthrene	n/a	=	7.09	µg/L	EPA 8270C	0.1	0.1			
2016/17-6	Lab	LCS dup, rec	6/2/2017	Organic	Phenanthrene	n/a	=	71	%	EPA 8270C	-88	-88	21	131	
2016/17-6	Lab	LCS, RPD	6/2/2017	Organic	Phenanthrene	n/a	=	4	%	EPA 8270C	-88	-88	0	30	
2016/17-6	Lab	method blank	5/13/2017	Organic	Phenol	n/a	<	0.16	µg/L	EPA 625	0.16	1			
2016/17-6	Lab	LCS	5/13/2017	Organic	Phenol	n/a	=	6.87	µg/L	EPA 625	0.16	1			
2016/17-6	Lab	LCS, rec	5/13/2017	Organic	Phenol	n/a	=	27	%	EPA 625	-88	-88	5	112	
2016/17-6	Lab	LCS dup	5/13/2017	Organic	Phenol	n/a	=	6.1	µg/L	EPA 625	0.16	1			
2016/17-6	Lab	LCS dup, rec	5/13/2017	Organic	Phenol	n/a	=	24	%	EPA 625	-88	-88	5	112	
2016/17-6	Lab	LCS, RPD	5/13/2017	Organic	Phenol	n/a	=	12	%	EPA 625	-88	-88	0	30	
2016/17-6	Lab	method blank	5/23/2017	Organic	Phenol	n/a	<	0.35	µg/L	EPA 8270C	0.35	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	
2016/17-6	Lab	LCS	5/23/2017	Organic	Phenol	n/a	=	2.57	µg/L	EPA 8270C	0.35	1			
2016/17-6	Lab	LCS, rec	5/23/2017	Organic	Phenol	n/a	=	26	%	EPA 8270C	-88	-88	6	43	
2016/17-6	Lab	LCS dup	5/23/2017	Organic	Phenol	n/a	=	2.88	µg/L	EPA 8270C	0.35	1			
2016/17-6	Lab	LCS dup, rec	5/23/2017	Organic	Phenol	n/a	=	29	%	EPA 8270C	-88	-88	6	43	
2016/17-6	Lab	LCS, RPD	5/23/2017	Organic	Phenol	n/a	=	11	%	EPA 8270C	-88	-88	0	30	
2016/17-6	Lab	method blank	5/23/2017	Organic	Phenol	n/a	<	0.35	µg/L	EPA 8270C	0.35	1			
2016/17-6	Lab	LCS	5/23/2017	Organic	Phenol	n/a	=	2.46	µg/L	EPA 8270C	0.35	1			
2016/17-6	Lab	LCS, rec	5/23/2017	Organic	Phenol	n/a	=	25	%	EPA 8270C	-88	-88	6	43	
2016/17-6	Lab	LCS dup	5/23/2017	Organic	Phenol	n/a	=	2.64	µg/L	EPA 8270C	0.35	1			
2016/17-6	Lab	LCS dup, rec	5/23/2017	Organic	Phenol	n/a	=	26	%	EPA 8270C	-88	-88	6	43	
2016/17-6	Lab	LCS, RPD	5/23/2017	Organic	Phenol	n/a	=	7	%	EPA 8270C	-88	-88	0	30	
2016/17-6	Lab	method blank	5/26/2017	Organic	Phenol	n/a	<	0.16	µg/L	EPA 625	0.16	1			
2016/17-6	Lab	LCS	5/26/2017	Organic	Phenol	n/a	=	9.02	µg/L	EPA 625	0.16	1			
2016/17-6	Lab	LCS, rec	5/26/2017	Organic	Phenol	n/a	=	36	%	EPA 625	-88	-88	5	112	
2016/17-6	Lab	LCS dup	5/26/2017	Organic	Phenol	n/a	=	8.46	µg/L	EPA 625	0.16	1			
2016/17-6	Lab	LCS dup, rec	5/26/2017	Organic	Phenol	n/a	=	34	%	EPA 625	-88	-88	5	112	
2016/17-6	Lab	LCS, RPD	5/26/2017	Organic	Phenol	n/a	=	6	%	EPA 625	-88	-88	0	30	
2016/17-6	Lab	method blank	5/31/2017	Organic	Phenol	n/a	<	0.16	µg/L	EPA 625	0.16	1			
2016/17-6	Lab	LCS	5/31/2017	Organic	Phenol	n/a	=	7.22	µg/L	EPA 625	0.16	1			
2016/17-6	Lab	LCS, rec	5/31/2017	Organic	Phenol	n/a	=	29	%	EPA 625	-88	-88	5	112	
2016/17-6	Lab	LCS dup	5/31/2017	Organic	Phenol	n/a	=	7.31	µg/L	EPA 625	0.16	1			
2016/17-6	Lab	LCS dup, rec	5/31/2017	Organic	Phenol	n/a	=	29	%	EPA 625	-88	-88	5	112	
2016/17-6	Lab	LCS, RPD	5/31/2017	Organic	Phenol	n/a	=	1	%	EPA 625	-88	-88	0	30	
2016/17-6	Lab	method blank	6/2/2017	Organic	Phenol	n/a	<	0.35	µg/L	EPA 8270C	0.35	1			
2016/17-6	Lab	LCS	6/2/2017	Organic	Phenol	n/a	=	2.06	µg/L	EPA 8270C	0.35	1			
2016/17-6	Lab	LCS, rec	6/2/2017	Organic	Phenol	n/a	=	21	%	EPA 8270C	-88	-88	6	43	
2016/17-6	Lab	LCS dup	6/2/2017	Organic	Phenol	n/a	=	2.23	µg/L	EPA 8270C	0.35	1			
2016/17-6	Lab	LCS dup, rec	6/2/2017	Organic	Phenol	n/a	=	22	%	EPA 8270C	-88	-88	6	43	
2016/17-6	Lab	LCS, RPD	6/2/2017	Organic	Phenol	n/a	=	8	%	EPA 8270C	-88	-88	0	30	
2016/17-6	Lab	srgt method blank	5/13/2017	Organic	Phenol-d5	n/a	=	14.7	µg/L	EPA 625	-88	-88			
2016/17-6	Lab	srgt method blank, rec	5/13/2017	Organic	Phenol-d5	n/a	=	29	%	EPA 625	-88	-88	0.1	53	
2016/17-6	Lab	srgt LCS	5/13/2017	Organic	Phenol-d5	n/a	=	14.7	µg/L	EPA 625	-88	-88			
2016/17-6	Lab	srgt LCS, rec	5/13/2017	Organic	Phenol-d5	n/a	=	29	%	EPA 625	-88	-88	0.1	53	
2016/17-6	Lab	srgt LCS dup	5/13/2017	Organic	Phenol-d5	n/a	=	13.2	µg/L	EPA 625	-88	-88			
2016/17-6	Lab	srgt LCS dup, rec	5/13/2017	Organic	Phenol-d5	n/a	=	26	%	EPA 625	-88	-88	0.1	53	
2016/17-6	Lab	srgt method blank	5/23/2017	Organic	Phenol-d5	n/a	=	2.16	µg/L	EPA 8270C	-88	-88			
2016/17-6	Lab	srgt method blank, rec	5/23/2017	Organic	Phenol-d5	n/a	=	22	%	EPA 8270C	-88	-88	5	46	
2016/17-6	Lab	srgt LCS	5/23/2017	Organic	Phenol-d5	n/a	=	2.18	µg/L	EPA 8270C	-88	-88			
2016/17-6	Lab	srgt LCS, rec	5/23/2017	Organic	Phenol-d5	n/a	=	22	%	EPA 8270C	-88	-88	5	46	
2016/17-6	Lab	srgt LCS dup	5/23/2017	Organic	Phenol-d5	n/a	=	2.43	µg/L	EPA 8270C	-88	-88			
2016/17-6	Lab	srgt LCS dup, rec	5/23/2017	Organic	Phenol-d5	n/a	=	24	%	EPA 8270C	-88	-88	5	46	
2016/17-6	Lab	srgt method blank	5/23/2017	Organic	Phenol-d5	n/a	=	2.35	µg/L	EPA 8270C	-88	-88			
2016/17-6	Lab	srgt method blank, rec	5/23/2017	Organic	Phenol-d5	n/a	=	23	%	EPA 8270C	-88	-88	5	46	
2016/17-6	Lab	srgt LCS	5/23/2017	Organic	Phenol-d5	n/a	=	2.11	µg/L	EPA 8270C	-88	-88			
2016/17-6	Lab	srgt LCS, rec	5/23/2017	Organic	Phenol-d5	n/a	=	21	%	EPA 8270C	-88	-88	5	46	
2016/17-6	Lab	srgt LCS dup	5/23/2017	Organic	Phenol-d5	n/a	=	2.24	µg/L	EPA 8270C	-88	-88			
2016/17-6	Lab	srgt LCS dup, rec	5/23/2017	Organic	Phenol-d5	n/a	=	22	%	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	
2016/17-6	Lab	srgt method blank	5/26/2017	Organic	Phenol-d5	n/a	=	16.2	µg/L	EPA 625	-88	-88			
2016/17-6	Lab	srgt method blank, rec	5/26/2017	Organic	Phenol-d5	n/a	=	32	%	EPA 625	-88	-88	0.1	53	
2016/17-6	Lab	srgt LCS	5/26/2017	Organic	Phenol-d5	n/a	=	16.7	µg/L	EPA 625	-88	-88			
2016/17-6	Lab	srgt LCS, rec	5/26/2017	Organic	Phenol-d5	n/a	=	33	%	EPA 625	-88	-88	0.1	53	
2016/17-6	Lab	srgt LCS dup	5/26/2017	Organic	Phenol-d5	n/a	=	15.4	µg/L	EPA 625	-88	-88			
2016/17-6	Lab	srgt LCS dup, rec	5/26/2017	Organic	Phenol-d5	n/a	=	31	%	EPA 625	-88	-88	0.1	53	
2016/17-6	Lab	srgt method blank	5/31/2017	Organic	Phenol-d5	n/a	=	13.5	µg/L	EPA 625	-88	-88			
2016/17-6	Lab	srgt method blank, rec	5/31/2017	Organic	Phenol-d5	n/a	=	27	%	EPA 625	-88	-88	0.1	53	
2016/17-6	Lab	srgt LCS	5/31/2017	Organic	Phenol-d5	n/a	=	13.8	µg/L	EPA 625	-88	-88			
2016/17-6	Lab	srgt LCS, rec	5/31/2017	Organic	Phenol-d5	n/a	=	28	%	EPA 625	-88	-88	0.1	53	
2016/17-6	Lab	srgt LCS dup	5/31/2017	Organic	Phenol-d5	n/a	=	14	µg/L	EPA 625	-88	-88			
2016/17-6	Lab	srgt LCS dup, rec	5/31/2017	Organic	Phenol-d5	n/a	=	28	%	EPA 625	-88	-88	0.1	53	
2016/17-6	Lab	srgt method blank	6/2/2017	Organic	Phenol-d5	n/a	=	1.99	µg/L	EPA 8270C	-88	-88			
2016/17-6	Lab	srgt method blank, rec	6/2/2017	Organic	Phenol-d5	n/a	=	20	%	EPA 8270C	-88	-88	5	46	
2016/17-6	Lab	srgt LCS	6/2/2017	Organic	Phenol-d5	n/a	=	1.77	µg/L	EPA 8270C	-88	-88			
2016/17-6	Lab	srgt LCS, rec	6/2/2017	Organic	Phenol-d5	n/a	=	18	%	EPA 8270C	-88	-88	5	46	
2016/17-6	Lab	srgt LCS dup	6/2/2017	Organic	Phenol-d5	n/a	=	1.91	µg/L	EPA 8270C	-88	-88			
2016/17-6	Lab	srgt LCS dup, rec	6/2/2017	Organic	Phenol-d5	n/a	=	19	%	EPA 8270C	-88	-88	5	46	
2016/17-6	ME-CC	srgt environ	5/24/2017	Organic	Phenol-d5	n/a	=	2.09	µg/L	EPA 8270C	-88	-88			
2016/17-6	ME-CC	srgt environ, rec	5/24/2017	Organic	Phenol-d5	n/a	=	21	%	EPA 8270C	-88	-88	5	46	
2016/17-6	ME-CC	srgt environ	5/26/2017	Organic	Phenol-d5	n/a	=	13.6	µg/L	EPA 625	-88	-88			
2016/17-6	ME-CC	srgt environ, rec	5/26/2017	Organic	Phenol-d5	n/a	=	27	%	EPA 625	-88	-88	0.1	53	
2016/17-6	ME-SCR	srgt environ	5/13/2017	Organic	Phenol-d5	n/a	=	16.1	µg/L	EPA 625	-88	-88			
2016/17-6	ME-SCR	srgt environ, rec	5/13/2017	Organic	Phenol-d5	n/a	=	32	%	EPA 625	-88	-88	0.1	53	
2016/17-6	ME-SCR	srgt environ	5/23/2017	Organic	Phenol-d5	n/a	=	2.73	µg/L	EPA 8270C	-88	-88			
2016/17-6	ME-SCR	srgt environ, rec	5/23/2017	Organic	Phenol-d5	n/a	=	27	%	EPA 8270C	-88	-88	5	46	
2016/17-6	ME-VR2	srgt environ	5/31/2017	Organic	Phenol-d5	n/a	=	14.3	µg/L	EPA 625	-88	-88			
2016/17-6	ME-VR2	srgt environ, rec	5/31/2017	Organic	Phenol-d5	n/a	=	29	%	EPA 625	-88	-88	0.1	53	
2016/17-6	ME-VR2	srgt environ	6/2/2017	Organic	Phenol-d5	n/a	=	2	µg/L	EPA 8270C	-88	-88			
2016/17-6	ME-VR2	srgt environ, rec	6/2/2017	Organic	Phenol-d5	n/a	=	20	%	EPA 8270C	-88	-88	5	46	
2016/17-6	MO-CAM	srgt environ	5/24/2017	Organic	Phenol-d5	n/a	=	1.78	µg/L	EPA 8270C	-88	-88			
2016/17-6	MO-CAM	srgt environ, rec	5/24/2017	Organic	Phenol-d5	n/a	=	18	%	EPA 8270C	-88	-88	5	46	
2016/17-6	MO-CAM	srgt environ	5/26/2017	Organic	Phenol-d5	n/a	=	12.7	µg/L	EPA 625	-88	-88			
2016/17-6	MO-CAM	srgt environ, rec	5/26/2017	Organic	Phenol-d5	n/a	=	25	%	EPA 625	-88	-88	0.1	53	
2016/17-6	MO-FIL	srgt environ	5/13/2017	Organic	Phenol-d5	n/a	=	14.6	µg/L	EPA 625	-88	-88			
2016/17-6	MO-FIL	srgt environ, rec	5/13/2017	Organic	Phenol-d5	n/a	=	29	%	EPA 625	-88	-88	0.1	53	
2016/17-6	MO-FIL	srgt environ	5/23/2017	Organic	Phenol-d5	n/a	=	2.51	µg/L	EPA 8270C	-88	-88			
2016/17-6	MO-FIL	srgt environ, rec	5/23/2017	Organic	Phenol-d5	n/a	=	25	%	EPA 8270C	-88	-88	5	46	
2016/17-6	MO-HUE	srgt environ	5/31/2017	Organic	Phenol-d5	n/a	=	12.8	µg/L	EPA 625	-88	-88			
2016/17-6	MO-HUE	srgt environ, rec	5/31/2017	Organic	Phenol-d5	n/a	=	26	%	EPA 625	-88	-88	0.1	53	
2016/17-6	MO-HUE	srgt environ	6/2/2017	Organic	Phenol-d5	n/a	=	1.72	µg/L	EPA 8270C	-88	-88			
2016/17-6	MO-HUE	srgt environ, rec	6/2/2017	Organic	Phenol-d5	n/a	=	17	%	EPA 8270C	-88	-88	5	46	
2016/17-6	MO-MPK	srgt environ	5/24/2017	Organic	Phenol-d5	n/a	=	2.65	µg/L	EPA 8270C	-88	-88			
2016/17-6	MO-MPK	srgt environ, rec	5/24/2017	Organic	Phenol-d5	n/a	=	27	%	EPA 8270C	-88	-88	5	46	
2016/17-6	MO-MPK	srgt environ	5/26/2017	Organic	Phenol-d5	n/a	=	21	µg/L	EPA 625	-88	-88			
2016/17-6	MO-MPK	srgt environ, rec	5/26/2017	Organic	Phenol-d5	n/a	=	42	%	EPA 625	-88	-88	0.1	53	
2016/17-6	MO-OJA	srgt environ	5/31/2017	Organic	Phenol-d5	n/a	=	12.6	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	
2016/17-6	MO-OJA	srgt environ, rec	5/31/2017	Organic	Phenol-d5	n/a	=	25	%	EPA 625	-88	-88	0.1	53	
2016/17-6	MO-OJA	srgt environ	6/2/2017	Organic	Phenol-d5	n/a	=	1.64	µg/L	EPA 8270C	-88	-88			
2016/17-6	MO-OJA	srgt environ, rec	6/2/2017	Organic	Phenol-d5	n/a	=	16	%	EPA 8270C	-88	-88	5	46	
2016/17-6	MO-SIM	srgt environ	5/24/2017	Organic	Phenol-d5	n/a	=	1.98	µg/L	EPA 8270C	-88	-88			
2016/17-6	MO-SIM	srgt environ, rec	5/24/2017	Organic	Phenol-d5	n/a	=	20	%	EPA 8270C	-88	-88	5	46	
2016/17-6	MO-SIM	srgt environ	5/26/2017	Organic	Phenol-d5	n/a	=	10.1	µg/L	EPA 625	-88	-88			
2016/17-6	MO-SIM	srgt environ, rec	5/26/2017	Organic	Phenol-d5	n/a	=	20	%	EPA 625	-88	-88	0.1	53	
2016/17-6	MO-THO	srgt environ	5/24/2017	Organic	Phenol-d5	n/a	=	1.91	µg/L	EPA 8270C	-88	-88			
2016/17-6	MO-THO	srgt environ, rec	5/24/2017	Organic	Phenol-d5	n/a	=	19	%	EPA 8270C	-88	-88	5	46	
2016/17-6	MO-THO	srgt environ	5/26/2017	Organic	Phenol-d5	n/a	=	10.8	µg/L	EPA 625	-88	-88			
2016/17-6	MO-THO	srgt environ, rec	5/26/2017	Organic	Phenol-d5	n/a	=	22	%	EPA 625	-88	-88	0.1	53	
2016/17-6	MO-VEN	srgt environ	5/13/2017	Organic	Phenol-d5	n/a	=	14.7	µg/L	EPA 625	-88	-88			
2016/17-6	MO-VEN	srgt environ, rec	5/13/2017	Organic	Phenol-d5	n/a	=	29	%	EPA 625	-88	-88	0.1	53	
2016/17-6	MO-VEN	srgt environ	5/23/2017	Organic	Phenol-d5	n/a	=	2.51	µg/L	EPA 8270C	-88	-88			
2016/17-6	MO-VEN	srgt environ, rec	5/23/2017	Organic	Phenol-d5	n/a	=	25	%	EPA 8270C	-88	-88	5	46	
2016/17-6	Lab	srgt method blank	5/13/2017	Organic	p-Terphenyl-d14	n/a	=	17.7	µg/L	EPA 625	-88	-88			
2016/17-6	Lab	srgt method blank, rec	5/13/2017	Organic	p-Terphenyl-d14	n/a	=	71	%	EPA 625	-88	-88	28	113	
2016/17-6	Lab	srgt LCS	5/13/2017	Organic	p-Terphenyl-d14	n/a	=	18.2	µg/L	EPA 625	-88	-88			
2016/17-6	Lab	srgt LCS, rec	5/13/2017	Organic	p-Terphenyl-d14	n/a	=	73	%	EPA 625	-88	-88	28	113	
2016/17-6	Lab	srgt LCS dup	5/13/2017	Organic	p-Terphenyl-d14	n/a	=	16.7	µg/L	EPA 625	-88	-88			
2016/17-6	Lab	srgt LCS dup, rec	5/13/2017	Organic	p-Terphenyl-d14	n/a	=	67	%	EPA 625	-88	-88	28	113	
2016/17-6	Lab	srgt method blank	5/17/2017	Organic	p-Terphenyl-d14	n/a	=	3.27	µg/L	EPA 8270C	-88	-88			
2016/17-6	Lab	srgt method blank, rec	5/17/2017	Organic	p-Terphenyl-d14	n/a	=	65	%	EPA 8270C	-88	-88	19	134	
2016/17-6	Lab	srgt LCS	5/17/2017	Organic	p-Terphenyl-d14	n/a	=	3.25	µg/L	EPA 8270C	-88	-88			
2016/17-6	Lab	srgt LCS, rec	5/17/2017	Organic	p-Terphenyl-d14	n/a	=	65	%	EPA 8270C	-88	-88	19	134	
2016/17-6	Lab	srgt LCS dup	5/17/2017	Organic	p-Terphenyl-d14	n/a	=	3.28	µg/L	EPA 8270C	-88	-88			
2016/17-6	Lab	srgt LCS dup, rec	5/17/2017	Organic	p-Terphenyl-d14	n/a	=	66	%	EPA 8270C	-88	-88	19	134	
2016/17-6	Lab	srgt method blank	5/24/2017	Organic	p-Terphenyl-d14	n/a	=	3.54	µg/L	EPA 8270C	-88	-88			
2016/17-6	Lab	srgt method blank, rec	5/24/2017	Organic	p-Terphenyl-d14	n/a	=	71	%	EPA 8270C	-88	-88	19	134	
2016/17-6	Lab	srgt LCS	5/24/2017	Organic	p-Terphenyl-d14	n/a	=	3.35	µg/L	EPA 8270C	-88	-88			
2016/17-6	Lab	srgt LCS, rec	5/24/2017	Organic	p-Terphenyl-d14	n/a	=	67	%	EPA 8270C	-88	-88	19	134	
2016/17-6	Lab	srgt LCS dup	5/24/2017	Organic	p-Terphenyl-d14	n/a	=	3.29	µg/L	EPA 8270C	-88	-88			
2016/17-6	Lab	srgt LCS dup, rec	5/24/2017	Organic	p-Terphenyl-d14	n/a	=	66	%	EPA 8270C	-88	-88	19	134	
2016/17-6	Lab	srgt method blank	5/26/2017	Organic	p-Terphenyl-d14	n/a	=	18.2	µg/L	EPA 625	-88	-88			
2016/17-6	Lab	srgt method blank, rec	5/26/2017	Organic	p-Terphenyl-d14	n/a	=	73	%	EPA 625	-88	-88	28	113	
2016/17-6	Lab	srgt LCS	5/26/2017	Organic	p-Terphenyl-d14	n/a	=	17.4	µg/L	EPA 625	-88	-88			
2016/17-6	Lab	srgt LCS, rec	5/26/2017	Organic	p-Terphenyl-d14	n/a	=	70	%	EPA 625	-88	-88	28	113	
2016/17-6	Lab	srgt LCS dup	5/26/2017	Organic	p-Terphenyl-d14	n/a	=	17.8	µg/L	EPA 625	-88	-88			
2016/17-6	Lab	srgt LCS dup, rec	5/26/2017	Organic	p-Terphenyl-d14	n/a	=	71	%	EPA 625	-88	-88	28	113	
2016/17-6	Lab	srgt method blank	5/31/2017	Organic	p-Terphenyl-d14	n/a	=	17.3	µg/L	EPA 625	-88	-88			
2016/17-6	Lab	srgt method blank, rec	5/31/2017	Organic	p-Terphenyl-d14	n/a	=	69	%	EPA 625	-88	-88	28	113	
2016/17-6	Lab	srgt LCS	5/31/2017	Organic	p-Terphenyl-d14	n/a	=	17.4	µg/L	EPA 625	-88	-88			
2016/17-6	Lab	srgt LCS, rec	5/31/2017	Organic	p-Terphenyl-d14	n/a	=	70	%	EPA 625	-88	-88	28	113	
2016/17-6	Lab	srgt LCS dup	5/31/2017	Organic	p-Terphenyl-d14	n/a	=	18	µg/L	EPA 625	-88	-88			
2016/17-6	Lab	srgt LCS dup, rec	5/31/2017	Organic	p-Terphenyl-d14	n/a	=	72	%	EPA 625	-88	-88	28	113	
2016/17-6	Lab	srgt method blank	6/2/2017	Organic	p-Terphenyl-d14	n/a	=	3.25	µg/L	EPA 8270C	-88	-88			
2016/17-6	Lab	srgt method blank, rec	6/2/2017	Organic	p-Terphenyl-d14	n/a	=	65	%	EPA 8270C	-88	-88	19	134	

Appendix F
Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2016/17-6	Lab	srgt LCS	6/2/2017	Organic	p-Terphenyl-d14	n/a	=	3.14	µg/L	EPA 8270C	-88	-88			
2016/17-6	Lab	srgt LCS, rec	6/2/2017	Organic	p-Terphenyl-d14	n/a	=	63	%	EPA 8270C	-88	-88	19	134	
2016/17-6	Lab	srgt LCS dup	6/2/2017	Organic	p-Terphenyl-d14	n/a	=	2.99	µg/L	EPA 8270C	-88	-88			
2016/17-6	Lab	srgt LCS dup, rec	6/2/2017	Organic	p-Terphenyl-d14	n/a	=	60	%	EPA 8270C	-88	-88	19	134	
2016/17-6	ME-CC	srgt environ	5/24/2017	Organic	p-Terphenyl-d14	n/a	=	3.38	µg/L	EPA 8270C	-88	-88			
2016/17-6	ME-CC	srgt environ, rec	5/24/2017	Organic	p-Terphenyl-d14	n/a	=	68	%	EPA 8270C	-88	-88	19	134	
2016/17-6	ME-CC	srgt environ	5/26/2017	Organic	p-Terphenyl-d14	n/a	=	19	µg/L	EPA 625	-88	-88			
2016/17-6	ME-CC	srgt environ, rec	5/26/2017	Organic	p-Terphenyl-d14	n/a	=	76	%	EPA 625	-88	-88	28	113	
2016/17-6	ME-SCR	srgt environ	5/13/2017	Organic	p-Terphenyl-d14	n/a	=	18.5	µg/L	EPA 625	-88	-88			
2016/17-6	ME-SCR	srgt environ, rec	5/13/2017	Organic	p-Terphenyl-d14	n/a	=	74	%	EPA 625	-88	-88	28	113	
2016/17-6	ME-SCR	srgt environ	5/17/2017	Organic	p-Terphenyl-d14	n/a	=	3.44	µg/L	EPA 8270C	-88	-88			
2016/17-6	ME-SCR	srgt environ, rec	5/17/2017	Organic	p-Terphenyl-d14	n/a	=	69	%	EPA 8270C	-88	-88	19	134	
2016/17-6	ME-VR2	srgt environ	5/31/2017	Organic	p-Terphenyl-d14	n/a	=	18.6	µg/L	EPA 625	-88	-88			
2016/17-6	ME-VR2	srgt environ, rec	5/31/2017	Organic	p-Terphenyl-d14	n/a	=	74	%	EPA 625	-88	-88	28	113	
2016/17-6	ME-VR2	srgt environ	6/2/2017	Organic	p-Terphenyl-d14	n/a	=	3.28	µg/L	EPA 8270C	-88	-88			
2016/17-6	ME-VR2	srgt environ, rec	6/2/2017	Organic	p-Terphenyl-d14	n/a	=	66	%	EPA 8270C	-88	-88	19	134	
2016/17-6	MO-CAM	srgt environ	5/24/2017	Organic	p-Terphenyl-d14	n/a	=	2.13	µg/L	EPA 8270C	-88	-88			
2016/17-6	MO-CAM	srgt environ, rec	5/24/2017	Organic	p-Terphenyl-d14	n/a	=	43	%	EPA 8270C	-88	-88	19	134	
2016/17-6	MO-CAM	srgt environ	5/26/2017	Organic	p-Terphenyl-d14	n/a	=	19	µg/L	EPA 625	-88	-88			
2016/17-6	MO-CAM	srgt environ, rec	5/26/2017	Organic	p-Terphenyl-d14	n/a	=	76	%	EPA 625	-88	-88	28	113	
2016/17-6	MO-FIL	srgt environ	5/13/2017	Organic	p-Terphenyl-d14	n/a	=	18.5	µg/L	EPA 625	-88	-88			
2016/17-6	MO-FIL	srgt environ, rec	5/13/2017	Organic	p-Terphenyl-d14	n/a	=	74	%	EPA 625	-88	-88	28	113	
2016/17-6	MO-FIL	srgt environ	5/17/2017	Organic	p-Terphenyl-d14	n/a	=	3.29	µg/L	EPA 8270C	-88	-88			
2016/17-6	MO-FIL	srgt environ, rec	5/17/2017	Organic	p-Terphenyl-d14	n/a	=	66	%	EPA 8270C	-88	-88	19	134	
2016/17-6	MO-HUE	srgt environ	5/31/2017	Organic	p-Terphenyl-d14	n/a	=	16	µg/L	EPA 625	-88	-88			
2016/17-6	MO-HUE	srgt environ, rec	5/31/2017	Organic	p-Terphenyl-d14	n/a	=	64	%	EPA 625	-88	-88	28	113	
2016/17-6	MO-HUE	srgt environ	6/2/2017	Organic	p-Terphenyl-d14	n/a	=	3.08	µg/L	EPA 8270C	-88	-88			
2016/17-6	MO-HUE	srgt environ, rec	6/2/2017	Organic	p-Terphenyl-d14	n/a	=	62	%	EPA 8270C	-88	-88	19	134	
2016/17-6	MO-MPK	srgt environ	5/24/2017	Organic	p-Terphenyl-d14	n/a	=	2.7	µg/L	EPA 8270C	-88	-88			
2016/17-6	MO-MPK	srgt environ, rec	5/24/2017	Organic	p-Terphenyl-d14	n/a	=	54	%	EPA 8270C	-88	-88	19	134	
2016/17-6	MO-MPK	srgt environ	5/26/2017	Organic	p-Terphenyl-d14	n/a	=	12.8	µg/L	EPA 625	-88	-88			
2016/17-6	MO-MPK	srgt environ, rec	5/26/2017	Organic	p-Terphenyl-d14	n/a	=	51	%	EPA 625	-88	-88	28	113	
2016/17-6	MO-OJA	srgt environ	5/31/2017	Organic	p-Terphenyl-d14	n/a	=	14.9	µg/L	EPA 625	-88	-88			
2016/17-6	MO-OJA	srgt environ, rec	5/31/2017	Organic	p-Terphenyl-d14	n/a	=	59	%	EPA 625	-88	-88	28	113	
2016/17-6	MO-OJA	srgt environ	6/2/2017	Organic	p-Terphenyl-d14	n/a	=	2.6	µg/L	EPA 8270C	-88	-88			
2016/17-6	MO-OJA	srgt environ, rec	6/2/2017	Organic	p-Terphenyl-d14	n/a	=	52	%	EPA 8270C	-88	-88	19	134	
2016/17-6	MO-SIM	srgt environ	5/24/2017	Organic	p-Terphenyl-d14	n/a	=	3.41	µg/L	EPA 8270C	-88	-88			
2016/17-6	MO-SIM	srgt environ, rec	5/24/2017	Organic	p-Terphenyl-d14	n/a	=	68	%	EPA 8270C	-88	-88	19	134	
2016/17-6	MO-SIM	srgt environ	5/26/2017	Organic	p-Terphenyl-d14	n/a	=	17.8	µg/L	EPA 625	-88	-88			
2016/17-6	MO-SIM	srgt environ, rec	5/26/2017	Organic	p-Terphenyl-d14	n/a	=	71	%	EPA 625	-88	-88	28	113	
2016/17-6	MO-THO	srgt environ	5/24/2017	Organic	p-Terphenyl-d14	n/a	=	3.14	µg/L	EPA 8270C	-88	-88			
2016/17-6	MO-THO	srgt environ, rec	5/24/2017	Organic	p-Terphenyl-d14	n/a	=	63	%	EPA 8270C	-88	-88	19	134	
2016/17-6	MO-THO	srgt environ	5/26/2017	Organic	p-Terphenyl-d14	n/a	=	18.5	µg/L	EPA 625	-88	-88			
2016/17-6	MO-THO	srgt environ, rec	5/26/2017	Organic	p-Terphenyl-d14	n/a	=	74	%	EPA 625	-88	-88	28	113	
2016/17-6	MO-VEN	srgt environ	5/13/2017	Organic	p-Terphenyl-d14	n/a	=	13.3	µg/L	EPA 625	-88	-88			
2016/17-6	MO-VEN	srgt environ, rec	5/13/2017	Organic	p-Terphenyl-d14	n/a	=	53	%	EPA 625	-88	-88	28	113	
2016/17-6	MO-VEN	srgt environ	5/17/2017	Organic	p-Terphenyl-d14	n/a	=	2.86	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	
2016/17-6	MO-VEN	srgt environ, rec	5/17/2017	Organic	p-Terphenyl-d14	n/a	=	57	%	EPA 8270C	-88	-88	19	134	
2016/17-6	Lab	method blank	5/13/2017	Organic	Pyrene	n/a	<	0.25	µg/L	EPA 625	0.25	1			
2016/17-6	Lab	LCS	5/13/2017	Organic	Pyrene	n/a	=	21	µg/L	EPA 625	0.25	1			
2016/17-6	Lab	LCS, rec	5/13/2017	Organic	Pyrene	n/a	=	84	%	EPA 625	-88	-88	52	115	
2016/17-6	Lab	LCS dup	5/13/2017	Organic	Pyrene	n/a	=	19.6	µg/L	EPA 625	0.25	1			
2016/17-6	Lab	LCS dup, rec	5/13/2017	Organic	Pyrene	n/a	=	78	%	EPA 625	-88	-88	52	115	
2016/17-6	Lab	LCS, RPD	5/13/2017	Organic	Pyrene	n/a	=	7	%	EPA 625	-88	-88	0	30	
2016/17-6	Lab	method blank	5/17/2017	Organic	Pyrene	n/a	<	0.1	µg/L	EPA 8270C	0.1	0.1			
2016/17-6	Lab	LCS	5/17/2017	Organic	Pyrene	n/a	=	8.91	µg/L	EPA 8270C	0.1	0.1			
2016/17-6	Lab	LCS, rec	5/17/2017	Organic	Pyrene	n/a	=	89	%	EPA 8270C	-88	-88	26	128	
2016/17-6	Lab	LCS dup	5/17/2017	Organic	Pyrene	n/a	=	9.02	µg/L	EPA 8270C	0.1	0.1			
2016/17-6	Lab	LCS dup, rec	5/17/2017	Organic	Pyrene	n/a	=	90	%	EPA 8270C	-88	-88	26	128	
2016/17-6	Lab	LCS, RPD	5/17/2017	Organic	Pyrene	n/a	=	1	%	EPA 8270C	-88	-88	0	30	
2016/17-6	Lab	method blank	5/24/2017	Organic	Pyrene	n/a	<	0.1	µg/L	EPA 8270C	0.1	0.1			
2016/17-6	Lab	LCS	5/24/2017	Organic	Pyrene	n/a	=	8.63	µg/L	EPA 8270C	0.1	0.1			
2016/17-6	Lab	LCS, rec	5/24/2017	Organic	Pyrene	n/a	=	86	%	EPA 8270C	-88	-88	26	128	
2016/17-6	Lab	LCS dup	5/24/2017	Organic	Pyrene	n/a	=	8.49	µg/L	EPA 8270C	0.1	0.1			
2016/17-6	Lab	LCS dup, rec	5/24/2017	Organic	Pyrene	n/a	=	85	%	EPA 8270C	-88	-88	26	128	
2016/17-6	Lab	LCS, RPD	5/24/2017	Organic	Pyrene	n/a	=	2	%	EPA 8270C	-88	-88	0	30	
2016/17-6	Lab	method blank	5/26/2017	Organic	Pyrene	n/a	<	0.25	µg/L	EPA 625	0.25	1			
2016/17-6	Lab	LCS	5/26/2017	Organic	Pyrene	n/a	=	21.1	µg/L	EPA 625	0.25	1			
2016/17-6	Lab	LCS, rec	5/26/2017	Organic	Pyrene	n/a	=	84	%	EPA 625	-88	-88	52	115	
2016/17-6	Lab	LCS dup	5/26/2017	Organic	Pyrene	n/a	=	21.9	µg/L	EPA 625	0.25	1			
2016/17-6	Lab	LCS dup, rec	5/26/2017	Organic	Pyrene	n/a	=	88	%	EPA 625	-88	-88	52	115	
2016/17-6	Lab	LCS, RPD	5/26/2017	Organic	Pyrene	n/a	=	4	%	EPA 625	-88	-88	0	30	
2016/17-6	Lab	method blank	5/31/2017	Organic	Pyrene	n/a	<	0.25	µg/L	EPA 625	0.25	1			
2016/17-6	Lab	LCS	5/31/2017	Organic	Pyrene	n/a	=	21.3	µg/L	EPA 625	0.25	1			
2016/17-6	Lab	LCS, rec	5/31/2017	Organic	Pyrene	n/a	=	85	%	EPA 625	-88	-88	52	115	
2016/17-6	Lab	LCS dup	5/31/2017	Organic	Pyrene	n/a	=	21.8	µg/L	EPA 625	0.25	1			
2016/17-6	Lab	LCS dup, rec	5/31/2017	Organic	Pyrene	n/a	=	87	%	EPA 625	-88	-88	52	115	
2016/17-6	Lab	LCS, RPD	5/31/2017	Organic	Pyrene	n/a	=	2	%	EPA 625	-88	-88	0	30	
2016/17-6	Lab	method blank	6/2/2017	Organic	Pyrene	n/a	<	0.1	µg/L	EPA 8270C	0.1	0.1			
2016/17-6	Lab	LCS	6/2/2017	Organic	Pyrene	n/a	=	7.94	µg/L	EPA 8270C	0.1	0.1			
2016/17-6	Lab	LCS, rec	6/2/2017	Organic	Pyrene	n/a	=	79	%	EPA 8270C	-88	-88	26	128	
2016/17-6	Lab	LCS dup	6/2/2017	Organic	Pyrene	n/a	=	7.75	µg/L	EPA 8270C	0.1	0.1			
2016/17-6	Lab	LCS dup, rec	6/2/2017	Organic	Pyrene	n/a	=	77	%	EPA 8270C	-88	-88	26	128	
2016/17-6	Lab	LCS, RPD	6/2/2017	Organic	Pyrene	n/a	=	2	%	EPA 8270C	-88	-88	0	30	
2016/17-6	000NONPJ	srgt matrix spike	5/19/2017	Organic	Tetrachloro-m-xylene (TCMX)	n/a	=	0.071	µg/L	EPA 608	-88	-88			
2016/17-6	000NONPJ	srgt matrix spike, rec	5/19/2017	Organic	Tetrachloro-m-xylene (TCMX)	n/a	=	71	%	EPA 608	-88	-88	35	111	
2016/17-6	000NONPJ	srgt matrix spike dup	5/19/2017	Organic	Tetrachloro-m-xylene (TCMX)	n/a	=	0.0679	µg/L	EPA 608	-88	-88			
2016/17-6	000NONPJ	srgt matrix spike dup, rec	5/19/2017	Organic	Tetrachloro-m-xylene (TCMX)	n/a	=	68	%	EPA 608	-88	-88	35	111	
2016/17-6	Lab	srgt method blank	5/18/2017	Organic	Tetrachloro-m-xylene (TCMX)	n/a	=	0.0776	µg/L	EPA 608	-88	-88			
2016/17-6	Lab	srgt method blank, rec	5/18/2017	Organic	Tetrachloro-m-xylene (TCMX)	n/a	=	78	%	EPA 608	-88	-88	35	111	
2016/17-6	Lab	srgt LCS	5/19/2017	Organic	Tetrachloro-m-xylene (TCMX)	n/a	=	0.0889	µg/L	EPA 608	-88	-88			
2016/17-6	Lab	srgt LCS, rec	5/19/2017	Organic	Tetrachloro-m-xylene (TCMX)	n/a	=	89	%	EPA 608	-88	-88	35	111	
2016/17-6	Lab	srgt method blank	6/2/2017	Organic	Tetrachloro-m-xylene (TCMX)	n/a	=	0.0723	µg/L	EPA 608	-88	-88			
2016/17-6	Lab	srgt method blank, rec	6/2/2017	Organic	Tetrachloro-m-xylene (TCMX)	n/a	=	72	%	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	
2016/17-6	Lab	srgt LCS	6/2/2017	Organic	Tetrachloro-m-xylene (TCMX)	n/a	=	0.0812	µg/L	EPA 608	-88	-88			
2016/17-6	Lab	srgt LCS, rec	6/2/2017	Organic	Tetrachloro-m-xylene (TCMX)	n/a	=	81	%	EPA 608	-88	-88	35	111	
2016/17-6	Lab	srgt LCS dup	6/2/2017	Organic	Tetrachloro-m-xylene (TCMX)	n/a	=	0.0756	µg/L	EPA 608	-88	-88			
2016/17-6	Lab	srgt LCS dup, rec	6/2/2017	Organic	Tetrachloro-m-xylene (TCMX)	n/a	=	76	%	EPA 608	-88	-88	35	111	
2016/17-6	Lab	srgt method blank	6/6/2017	Organic	Tetrachloro-m-xylene (TCMX)	n/a	=	0.0833	µg/L	EPA 608	-88	-88			
2016/17-6	Lab	srgt method blank, rec	6/6/2017	Organic	Tetrachloro-m-xylene (TCMX)	n/a	=	83	%	EPA 608	-88	-88	35	111	
2016/17-6	Lab	srgt LCS	6/6/2017	Organic	Tetrachloro-m-xylene (TCMX)	n/a	=	0.0853	µg/L	EPA 608	-88	-88			
2016/17-6	Lab	srgt LCS, rec	6/6/2017	Organic	Tetrachloro-m-xylene (TCMX)	n/a	=	85	%	EPA 608	-88	-88	35	111	
2016/17-6	Lab	srgt LCS dup	6/6/2017	Organic	Tetrachloro-m-xylene (TCMX)	n/a	=	0.0929	µg/L	EPA 608	-88	-88			
2016/17-6	Lab	srgt LCS dup, rec	6/6/2017	Organic	Tetrachloro-m-xylene (TCMX)	n/a	=	93	%	EPA 608	-88	-88	35	111	
2016/17-6	ME-CC	srgt environ	6/2/2017	Organic	Tetrachloro-m-xylene (TCMX)	n/a	=	0.0693	µg/L	EPA 608	-88	-88			
2016/17-6	ME-CC	srgt environ, rec	6/2/2017	Organic	Tetrachloro-m-xylene (TCMX)	n/a	=	69	%	EPA 608	-88	-88	35	111	
2016/17-6	ME-SCR	srgt environ	5/19/2017	Organic	Tetrachloro-m-xylene (TCMX)	n/a	=	0.0757	µg/L	EPA 608	-88	-88			
2016/17-6	ME-SCR	srgt environ, rec	5/19/2017	Organic	Tetrachloro-m-xylene (TCMX)	n/a	=	76	%	EPA 608	-88	-88	35	111	
2016/17-6	ME-VR2	srgt environ	6/7/2017	Organic	Tetrachloro-m-xylene (TCMX)	n/a	=	0.0775	µg/L	EPA 608	-88	-88			
2016/17-6	ME-VR2	srgt environ, rec	6/7/2017	Organic	Tetrachloro-m-xylene (TCMX)	n/a	=	77	%	EPA 608	-88	-88	35	111	
2016/17-6	MO-CAM	srgt environ	6/3/2017	Organic	Tetrachloro-m-xylene (TCMX)	n/a	=	0.0477	µg/L	EPA 608	-88	-88			
2016/17-6	MO-CAM	srgt environ, rec	6/3/2017	Organic	Tetrachloro-m-xylene (TCMX)	n/a	=	48	%	EPA 608	-88	-88	35	111	
2016/17-6	MO-FIL	srgt environ	5/19/2017	Organic	Tetrachloro-m-xylene (TCMX)	n/a	=	0.0673	µg/L	EPA 608	-88	-88			
2016/17-6	MO-FIL	srgt environ, rec	5/19/2017	Organic	Tetrachloro-m-xylene (TCMX)	n/a	=	67	%	EPA 608	-88	-88	35	111	
2016/17-6	MO-HUE	srgt environ	6/7/2017	Organic	Tetrachloro-m-xylene (TCMX)	n/a	=	0.0785	µg/L	EPA 608	-88	-88			
2016/17-6	MO-HUE	srgt environ, rec	6/7/2017	Organic	Tetrachloro-m-xylene (TCMX)	n/a	=	79	%	EPA 608	-88	-88	35	111	
2016/17-6	MO-MPK	srgt environ	6/3/2017	Organic	Tetrachloro-m-xylene (TCMX)	n/a	=	0.027	µg/L	EPA 608	-88	-88			GN
2016/17-6	MO-MPK	srgt environ, rec	6/3/2017	Organic	Tetrachloro-m-xylene (TCMX)	n/a	=	27	%	EPA 608	-88	-88	35	111	GN
2016/17-6	MO-OJA	srgt environ	6/7/2017	Organic	Tetrachloro-m-xylene (TCMX)	n/a	=	0.0572	µg/L	EPA 608	-88	-88			
2016/17-6	MO-OJA	srgt environ, rec	6/7/2017	Organic	Tetrachloro-m-xylene (TCMX)	n/a	=	57	%	EPA 608	-88	-88	35	111	
2016/17-6	MO-SIM	srgt environ	6/3/2017	Organic	Tetrachloro-m-xylene (TCMX)	n/a	=	0.0597	µg/L	EPA 608	-88	-88			
2016/17-6	MO-SIM	srgt environ, rec	6/3/2017	Organic	Tetrachloro-m-xylene (TCMX)	n/a	=	60	%	EPA 608	-88	-88	35	111	
2016/17-6	MO-THO	srgt environ	6/3/2017	Organic	Tetrachloro-m-xylene (TCMX)	n/a	=	0.065	µg/L	EPA 608	-88	-88			
2016/17-6	MO-THO	srgt environ, rec	6/3/2017	Organic	Tetrachloro-m-xylene (TCMX)	n/a	=	65	%	EPA 608	-88	-88	35	111	
2016/17-6	MO-VEN	srgt environ	5/19/2017	Organic	Tetrachloro-m-xylene (TCMX)	n/a	=	0.0417	µg/L	EPA 608	-88	-88			
2016/17-6	MO-VEN	srgt environ, rec	5/19/2017	Organic	Tetrachloro-m-xylene (TCMX)	n/a	=	42	%	EPA 608	-88	-88	35	111	
2016/17-6	Lab	srgt LCS	5/9/2017	Organic	Toluene-d8	n/a	=	51	µg/L	EPA 624	-88	-88			
2016/17-6	Lab	srgt LCS, rec	5/9/2017	Organic	Toluene-d8	n/a	=	102	%	EPA 624	-88	-88	92	112	
2016/17-6	Lab	srgt LCS dup	5/9/2017	Organic	Toluene-d8	n/a	=	51.1	µg/L	EPA 624	-88	-88			
2016/17-6	Lab	srgt LCS dup, rec	5/9/2017	Organic	Toluene-d8	n/a	=	102	%	EPA 624	-88	-88	92	112	
2016/17-6	Lab	srgt method blank	5/9/2017	Organic	Toluene-d8	n/a	=	53	µg/L	EPA 624	-88	-88			
2016/17-6	Lab	srgt method blank, rec	5/9/2017	Organic	Toluene-d8	n/a	=	106	%	EPA 624	-88	-88	92	112	
2016/17-6	Lab	srgt LCS	5/24/2017	Organic	Toluene-d8	n/a	=	48.9	µg/L	EPA 624	-88	-88			
2016/17-6	Lab	srgt LCS, rec	5/24/2017	Organic	Toluene-d8	n/a	=	98	%	EPA 624	-88	-88	92	112	
2016/17-6	Lab	srgt LCS dup	5/24/2017	Organic	Toluene-d8	n/a	=	50	µg/L	EPA 624	-88	-88			
2016/17-6	Lab	srgt LCS dup, rec	5/24/2017	Organic	Toluene-d8	n/a	=	100	%	EPA 624	-88	-88	92	112	
2016/17-6	Lab	srgt method blank	5/24/2017	Organic	Toluene-d8	n/a	=	50.3	µg/L	EPA 624	-88	-88			
2016/17-6	Lab	srgt method blank, rec	5/24/2017	Organic	Toluene-d8	n/a	=	101	%	EPA 624	-88	-88	92	112	
2016/17-6	ME-CC	srgt environ	5/25/2017	Organic	Toluene-d8	n/a	=	49.8	µg/L	EPA 624	-88	-88			
2016/17-6	ME-CC	srgt environ, rec	5/25/2017	Organic	Toluene-d8	n/a	=	100	%	EPA 624	-88	-88	92	112	
2016/17-6	ME-CC	srgt matrix spike	5/25/2017	Organic	Toluene-d8	n/a	=	49.6	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	
2016/17-6	ME-CC	srgt matrix spike, rec	5/25/2017	Organic	Toluene-d8	n/a	=	99	%	EPA 624	-88	-88	92	112	
2016/17-6	ME-CC	srgt matrix spike dup	5/25/2017	Organic	Toluene-d8	n/a	=	50.6	µg/L	EPA 624	-88	-88			
2016/17-6	ME-CC	srgt matrix spike dup, rec	5/25/2017	Organic	Toluene-d8	n/a	=	101	%	EPA 624	-88	-88	92	112	
2016/17-6	ME-SCR	srgt environ	5/9/2017	Organic	Toluene-d8	n/a	=	50.6	µg/L	EPA 624	-88	-88			
2016/17-6	ME-SCR	srgt environ, rec	5/9/2017	Organic	Toluene-d8	n/a	=	101	%	EPA 624	-88	-88	92	112	
2016/17-6	ME-SCR	srgt matrix spike	5/10/2017	Organic	Toluene-d8	n/a	=	50.4	µg/L	EPA 624	-88	-88			
2016/17-6	ME-SCR	srgt matrix spike, rec	5/10/2017	Organic	Toluene-d8	n/a	=	101	%	EPA 624	-88	-88	92	112	
2016/17-6	ME-SCR	srgt matrix spike dup	5/10/2017	Organic	Toluene-d8	n/a	=	50.4	µg/L	EPA 624	-88	-88			
2016/17-6	ME-SCR	srgt matrix spike dup, rec	5/10/2017	Organic	Toluene-d8	n/a	=	101	%	EPA 624	-88	-88	92	112	
2016/17-6	ME-VR2	srgt environ	5/25/2017	Organic	Toluene-d8	n/a	=	50.7	µg/L	EPA 624	-88	-88			
2016/17-6	ME-VR2	srgt environ, rec	5/25/2017	Organic	Toluene-d8	n/a	=	101	%	EPA 624	-88	-88	92	112	
2016/17-6	MO-CAM	srgt environ	5/25/2017	Organic	Toluene-d8	n/a	=	50.6	µg/L	EPA 624	-88	-88			
2016/17-6	MO-CAM	srgt environ, rec	5/25/2017	Organic	Toluene-d8	n/a	=	101	%	EPA 624	-88	-88	92	112	
2016/17-6	MO-FIL	srgt environ	5/9/2017	Organic	Toluene-d8	n/a	=	50.9	µg/L	EPA 624	-88	-88			
2016/17-6	MO-FIL	srgt environ, rec	5/9/2017	Organic	Toluene-d8	n/a	=	102	%	EPA 624	-88	-88	92	112	
2016/17-6	MO-HUE	srgt environ	5/25/2017	Organic	Toluene-d8	n/a	=	50.8	µg/L	EPA 624	-88	-88			
2016/17-6	MO-HUE	srgt environ, rec	5/25/2017	Organic	Toluene-d8	n/a	=	102	%	EPA 624	-88	-88	92	112	
2016/17-6	MO-MPK	srgt environ	5/25/2017	Organic	Toluene-d8	n/a	=	53	µg/L	EPA 624	-88	-88			
2016/17-6	MO-MPK	srgt environ, rec	5/25/2017	Organic	Toluene-d8	n/a	=	106	%	EPA 624	-88	-88	92	112	
2016/17-6	MO-OJA	srgt environ	5/25/2017	Organic	Toluene-d8	n/a	=	50.9	µg/L	EPA 624	-88	-88			
2016/17-6	MO-OJA	srgt environ, rec	5/25/2017	Organic	Toluene-d8	n/a	=	102	%	EPA 624	-88	-88	92	112	
2016/17-6	MO-OXN	srgt environ	5/9/2017	Organic	Toluene-d8	n/a	=	51.3	µg/L	EPA 624	-88	-88			
2016/17-6	MO-OXN	srgt environ, rec	5/9/2017	Organic	Toluene-d8	n/a	=	103	%	EPA 624	-88	-88	92	112	
2016/17-6	MO-SIM	srgt environ	5/25/2017	Organic	Toluene-d8	n/a	=	50.8	µg/L	EPA 624	-88	-88			
2016/17-6	MO-SIM	srgt environ, rec	5/25/2017	Organic	Toluene-d8	n/a	=	102	%	EPA 624	-88	-88	92	112	
2016/17-6	MO-THO	srgt environ	5/25/2017	Organic	Toluene-d8	n/a	=	51	µg/L	EPA 624	-88	-88			
2016/17-6	MO-THO	srgt environ, rec	5/25/2017	Organic	Toluene-d8	n/a	=	102	%	EPA 624	-88	-88	92	112	
2016/17-6	MO-VEN	srgt environ	5/9/2017	Organic	Toluene-d8	n/a	=	51	µg/L	EPA 624	-88	-88			
2016/17-6	MO-VEN	srgt environ, rec	5/9/2017	Organic	Toluene-d8	n/a	=	102	%	EPA 624	-88	-88	92	112	
2016/17-6	000NONPJ	srgt matrix spike	5/16/2017	Organic	Triphenylphosphate	n/a	=	0.64	µg/L	EPA 525.2m	-88	-88			
2016/17-6	000NONPJ	srgt matrix spike, rec	5/16/2017	Organic	Triphenylphosphate	n/a	=	128	%	EPA 525.2m	-88	-88	40	163	
2016/17-6	000NONPJ	srgt matrix spike dup	5/16/2017	Organic	Triphenylphosphate	n/a	=	0.655	µg/L	EPA 525.2m	-88	-88			
2016/17-6	000NONPJ	srgt matrix spike dup, rec	5/16/2017	Organic	Triphenylphosphate	n/a	=	131	%	EPA 525.2m	-88	-88	40	163	
2016/17-6	000NONPJ	srgt matrix spike	5/24/2017	Organic	Triphenylphosphate	n/a	=	0.605	µg/L	EPA 525.2m	-88	-88			
2016/17-6	000NONPJ	srgt matrix spike, rec	5/24/2017	Organic	Triphenylphosphate	n/a	=	121	%	EPA 525.2m	-88	-88	40	163	
2016/17-6	000NONPJ	srgt matrix spike dup	5/24/2017	Organic	Triphenylphosphate	n/a	=	0.625	µg/L	EPA 525.2m	-88	-88			
2016/17-6	000NONPJ	srgt matrix spike dup, rec	5/24/2017	Organic	Triphenylphosphate	n/a	=	125	%	EPA 525.2m	-88	-88	40	163	
2016/17-6	000NONPJ	srgt matrix spike	5/25/2017	Organic	Triphenylphosphate	n/a	=	0.531	µg/L	EPA 525.2m	-88	-88			
2016/17-6	000NONPJ	srgt matrix spike, rec	5/25/2017	Organic	Triphenylphosphate	n/a	=	106	%	EPA 525.2m	-88	-88	40	163	
2016/17-6	000NONPJ	srgt matrix spike dup	5/25/2017	Organic	Triphenylphosphate	n/a	=	0.506	µg/L	EPA 525.2m	-88	-88			
2016/17-6	000NONPJ	srgt matrix spike dup, rec	5/25/2017	Organic	Triphenylphosphate	n/a	=	101	%	EPA 525.2m	-88	-88	40	163	
2016/17-6	Lab	srgt method blank	5/5/2017	Organic	Triphenylphosphate	n/a	=	4.1	µg/L	EPA 525.2	-88	-88			
2016/17-6	Lab	srgt method blank, rec	5/5/2017	Organic	Triphenylphosphate	n/a	=	82	%	EPA 525.2	-88	-88	70	130	
2016/17-6	Lab	srgt LCS	5/5/2017	Organic	Triphenylphosphate	n/a	=	5.13	µg/L	EPA 525.2	-88	-88			
2016/17-6	Lab	srgt LCS, rec	5/5/2017	Organic	Triphenylphosphate	n/a	=	103	%	EPA 525.2	-88	-88	70	130	
2016/17-6	Lab	srgt LCS dup	5/5/2017	Organic	Triphenylphosphate	n/a	=	4.99	µg/L	EPA 525.2	-88	-88			
2016/17-6	Lab	srgt LCS dup, rec	5/5/2017	Organic	Triphenylphosphate	n/a	=	100	%	EPA 525.2	-88	-88	70	130	

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2016/17-6	Lab	srgt method blank	5/10/2017	Organic	Triphenylphosphate	n/a	=	4.96	µg/L	EPA 525.2	-88	-88			
2016/17-6	Lab	srgt method blank, rec	5/10/2017	Organic	Triphenylphosphate	n/a	=	99	%	EPA 525.2	-88	-88	70	130	
2016/17-6	Lab	srgt LCS	5/10/2017	Organic	Triphenylphosphate	n/a	=	5.14	µg/L	EPA 525.2	-88	-88			
2016/17-6	Lab	srgt LCS, rec	5/10/2017	Organic	Triphenylphosphate	n/a	=	103	%	EPA 525.2	-88	-88	70	130	
2016/17-6	Lab	srgt LCS dup	5/10/2017	Organic	Triphenylphosphate	n/a	=	5.26	µg/L	EPA 525.2	-88	-88			
2016/17-6	Lab	srgt LCS dup, rec	5/10/2017	Organic	Triphenylphosphate	n/a	=	105	%	EPA 525.2	-88	-88	70	130	
2016/17-6	Lab	srgt method blank	5/16/2017	Organic	Triphenylphosphate	n/a	=	0.565	µg/L	EPA 525.2m	-88	-88			
2016/17-6	Lab	srgt method blank, rec	5/16/2017	Organic	Triphenylphosphate	n/a	=	113	%	EPA 525.2m	-88	-88	40	163	
2016/17-6	Lab	srgt LCS	5/16/2017	Organic	Triphenylphosphate	n/a	=	0.519	µg/L	EPA 525.2m	-88	-88			
2016/17-6	Lab	srgt LCS, rec	5/16/2017	Organic	Triphenylphosphate	n/a	=	104	%	EPA 525.2m	-88	-88	40	163	
2016/17-6	Lab	srgt method blank	5/24/2017	Organic	Triphenylphosphate	n/a	=	0.567	µg/L	EPA 525.2m	-88	-88			
2016/17-6	Lab	srgt method blank, rec	5/24/2017	Organic	Triphenylphosphate	n/a	=	113	%	EPA 525.2m	-88	-88	40	163	
2016/17-6	Lab	srgt LCS	5/24/2017	Organic	Triphenylphosphate	n/a	=	0.544	µg/L	EPA 525.2m	-88	-88			
2016/17-6	Lab	srgt LCS, rec	5/24/2017	Organic	Triphenylphosphate	n/a	=	109	%	EPA 525.2m	-88	-88	40	163	
2016/17-6	Lab	srgt method blank	5/24/2017	Organic	Triphenylphosphate	n/a	=	4.73	µg/L	EPA 525.2	-88	-88			
2016/17-6	Lab	srgt method blank, rec	5/24/2017	Organic	Triphenylphosphate	n/a	=	95	%	EPA 525.2	-88	-88	70	130	
2016/17-6	Lab	srgt LCS	5/24/2017	Organic	Triphenylphosphate	n/a	=	5.09	µg/L	EPA 525.2	-88	-88			
2016/17-6	Lab	srgt LCS, rec	5/24/2017	Organic	Triphenylphosphate	n/a	=	102	%	EPA 525.2	-88	-88	70	130	
2016/17-6	Lab	srgt LCS dup	5/24/2017	Organic	Triphenylphosphate	n/a	=	4.99	µg/L	EPA 525.2	-88	-88			
2016/17-6	Lab	srgt LCS dup, rec	5/24/2017	Organic	Triphenylphosphate	n/a	=	100	%	EPA 525.2	-88	-88	70	130	
2016/17-6	Lab	srgt method blank	5/25/2017	Organic	Triphenylphosphate	n/a	=	4.75	µg/L	EPA 525.2	-88	-88			
2016/17-6	Lab	srgt method blank, rec	5/25/2017	Organic	Triphenylphosphate	n/a	=	95	%	EPA 525.2	-88	-88	70	130	
2016/17-6	Lab	srgt LCS	5/25/2017	Organic	Triphenylphosphate	n/a	=	4.98	µg/L	EPA 525.2	-88	-88			
2016/17-6	Lab	srgt LCS, rec	5/25/2017	Organic	Triphenylphosphate	n/a	=	100	%	EPA 525.2	-88	-88	70	130	
2016/17-6	Lab	srgt LCS dup	5/25/2017	Organic	Triphenylphosphate	n/a	=	5.01	µg/L	EPA 525.2	-88	-88			
2016/17-6	Lab	srgt LCS dup, rec	5/25/2017	Organic	Triphenylphosphate	n/a	=	100	%	EPA 525.2	-88	-88	70	130	
2016/17-6	Lab	srgt method blank	5/25/2017	Organic	Triphenylphosphate	n/a	=	0.583	µg/L	EPA 525.2m	-88	-88			
2016/17-6	Lab	srgt method blank, rec	5/25/2017	Organic	Triphenylphosphate	n/a	=	117	%	EPA 525.2m	-88	-88	40	163	
2016/17-6	Lab	srgt LCS	5/25/2017	Organic	Triphenylphosphate	n/a	=	0.659	µg/L	EPA 525.2m	-88	-88			
2016/17-6	Lab	srgt LCS, rec	5/25/2017	Organic	Triphenylphosphate	n/a	=	132	%	EPA 525.2m	-88	-88	40	163	
2016/17-6	Lab	srgt method blank	6/15/2017	Organic	Triphenylphosphate	n/a	=	4.37	µg/L	EPA 525.2	-88	-88			
2016/17-6	Lab	srgt method blank, rec	6/15/2017	Organic	Triphenylphosphate	n/a	=	87	%	EPA 525.2	-88	-88	70	130	
2016/17-6	Lab	srgt LCS	6/15/2017	Organic	Triphenylphosphate	n/a	=	5.33	µg/L	EPA 525.2	-88	-88			
2016/17-6	Lab	srgt LCS, rec	6/15/2017	Organic	Triphenylphosphate	n/a	=	107	%	EPA 525.2	-88	-88	70	130	
2016/17-6	Lab	srgt LCS dup	6/15/2017	Organic	Triphenylphosphate	n/a	=	5.33	µg/L	EPA 525.2	-88	-88			
2016/17-6	Lab	srgt LCS dup, rec	6/15/2017	Organic	Triphenylphosphate	n/a	=	107	%	EPA 525.2	-88	-88	70	130	
2016/17-6	ME-CC	srgt environ	5/24/2017	Organic	Triphenylphosphate	n/a	=	0.494	µg/L	EPA 525.2m	-88	-88			
2016/17-6	ME-CC	srgt environ, rec	5/24/2017	Organic	Triphenylphosphate	n/a	=	99	%	EPA 525.2m	-88	-88	40	163	
2016/17-6	ME-CC	srgt environ	6/15/2017	Organic	Triphenylphosphate	n/a	=	5.51	µg/L	EPA 525.2	-88	-88			
2016/17-6	ME-CC	srgt environ, rec	6/15/2017	Organic	Triphenylphosphate	n/a	=	110	%	EPA 525.2	-88	-88	70	130	
2016/17-6	ME-SCR	srgt environ	5/5/2017	Organic	Triphenylphosphate	n/a	=	4.78	µg/L	EPA 525.2	-88	-88			
2016/17-6	ME-SCR	srgt environ, rec	5/5/2017	Organic	Triphenylphosphate	n/a	=	96	%	EPA 525.2	-88	-88	70	130	
2016/17-6	ME-SCR	srgt environ	5/16/2017	Organic	Triphenylphosphate	n/a	=	0.651	µg/L	EPA 525.2m	-88	-88			
2016/17-6	ME-SCR	srgt environ, rec	5/16/2017	Organic	Triphenylphosphate	n/a	=	130	%	EPA 525.2m	-88	-88	40	163	
2016/17-6	ME-VR2	srgt environ	5/24/2017	Organic	Triphenylphosphate	n/a	=	5.29	µg/L	EPA 525.2	-88	-88			
2016/17-6	ME-VR2	srgt environ, rec	5/24/2017	Organic	Triphenylphosphate	n/a	=	106	%	EPA 525.2	-88	-88	70	130	
2016/17-6	ME-VR2	srgt environ	5/25/2017	Organic	Triphenylphosphate	n/a	=	0.614	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	
2016/17-6	ME-VR2	srgt environ, rec	5/25/2017	Organic	Triphenylphosphate	n/a	=	123	%	EPA 525.2m	-88	-88	40	163	
2016/17-6	MO-CAM	srgt environ	5/24/2017	Organic	Triphenylphosphate	n/a	=	0.569	µg/L	EPA 525.2m	-88	-88			
2016/17-6	MO-CAM	srgt environ, rec	5/24/2017	Organic	Triphenylphosphate	n/a	=	114	%	EPA 525.2m	-88	-88	40	163	
2016/17-6	MO-CAM	srgt environ	6/15/2017	Organic	Triphenylphosphate	n/a	=	6.28	µg/L	EPA 525.2	-88	-88			
2016/17-6	MO-CAM	srgt environ, rec	6/15/2017	Organic	Triphenylphosphate	n/a	=	126	%	EPA 525.2	-88	-88	70	130	
2016/17-6	MO-FIL	srgt environ	5/5/2017	Organic	Triphenylphosphate	n/a	=	5.31	µg/L	EPA 525.2	-88	-88			
2016/17-6	MO-FIL	srgt environ, rec	5/5/2017	Organic	Triphenylphosphate	n/a	=	106	%	EPA 525.2	-88	-88	70	130	
2016/17-6	MO-FIL	srgt environ	5/16/2017	Organic	Triphenylphosphate	n/a	=	0.616	µg/L	EPA 525.2m	-88	-88			
2016/17-6	MO-FIL	srgt environ, rec	5/16/2017	Organic	Triphenylphosphate	n/a	=	123	%	EPA 525.2m	-88	-88	40	163	
2016/17-6	MO-HUE	srgt environ	5/24/2017	Organic	Triphenylphosphate	n/a	=	5.48	µg/L	EPA 525.2	-88	-88			
2016/17-6	MO-HUE	srgt environ, rec	5/24/2017	Organic	Triphenylphosphate	n/a	=	110	%	EPA 525.2	-88	-88	70	130	
2016/17-6	MO-HUE	srgt environ	5/25/2017	Organic	Triphenylphosphate	n/a	=	0.605	µg/L	EPA 525.2m	-88	-88			
2016/17-6	MO-HUE	srgt environ, rec	5/25/2017	Organic	Triphenylphosphate	n/a	=	121	%	EPA 525.2m	-88	-88	40	163	
2016/17-6	MO-MPK	srgt environ	5/24/2017	Organic	Triphenylphosphate	n/a	=	0.656	µg/L	EPA 525.2m	-88	-88			
2016/17-6	MO-MPK	srgt environ, rec	5/24/2017	Organic	Triphenylphosphate	n/a	=	131	%	EPA 525.2m	-88	-88	40	163	
2016/17-6	MO-MPK	srgt environ	6/15/2017	Organic	Triphenylphosphate	n/a	=	5.13	µg/L	EPA 525.2	-88	-88			
2016/17-6	MO-MPK	srgt environ, rec	6/15/2017	Organic	Triphenylphosphate	n/a	=	103	%	EPA 525.2	-88	-88	70	130	
2016/17-6	MO-OJA	srgt environ	5/24/2017	Organic	Triphenylphosphate	n/a	=	5.71	µg/L	EPA 525.2	-88	-88			
2016/17-6	MO-OJA	srgt environ, rec	5/24/2017	Organic	Triphenylphosphate	n/a	=	114	%	EPA 525.2	-88	-88	70	130	
2016/17-6	MO-OJA	srgt environ	5/25/2017	Organic	Triphenylphosphate	n/a	=	0.663	µg/L	EPA 525.2m	-88	-88			
2016/17-6	MO-OJA	srgt environ, rec	5/25/2017	Organic	Triphenylphosphate	n/a	=	133	%	EPA 525.2m	-88	-88	40	163	
2016/17-6	MO-SIM	srgt environ	5/24/2017	Organic	Triphenylphosphate	n/a	=	0.608	µg/L	EPA 525.2m	-88	-88			
2016/17-6	MO-SIM	srgt environ, rec	5/24/2017	Organic	Triphenylphosphate	n/a	=	122	%	EPA 525.2m	-88	-88	40	163	
2016/17-6	MO-SIM	srgt environ	6/15/2017	Organic	Triphenylphosphate	n/a	=	5.28	µg/L	EPA 525.2	-88	-88			
2016/17-6	MO-SIM	srgt environ, rec	6/15/2017	Organic	Triphenylphosphate	n/a	=	106	%	EPA 525.2	-88	-88	70	130	
2016/17-6	MO-THO	srgt environ	5/24/2017	Organic	Triphenylphosphate	n/a	=	0.592	µg/L	EPA 525.2m	-88	-88			
2016/17-6	MO-THO	srgt environ, rec	5/24/2017	Organic	Triphenylphosphate	n/a	=	118	%	EPA 525.2m	-88	-88	40	163	
2016/17-6	MO-THO	srgt environ	6/15/2017	Organic	Triphenylphosphate	n/a	=	5.45	µg/L	EPA 525.2	-88	-88			
2016/17-6	MO-THO	srgt environ, rec	6/15/2017	Organic	Triphenylphosphate	n/a	=	109	%	EPA 525.2	-88	-88	70	130	
2016/17-6	MO-VEN	srgt environ	5/5/2017	Organic	Triphenylphosphate	n/a	=	5.96	µg/L	EPA 525.2	-88	-88			
2016/17-6	MO-VEN	srgt environ, rec	5/5/2017	Organic	Triphenylphosphate	n/a	=	119	%	EPA 525.2	-88	-88	70	130	
2016/17-6	MO-VEN	srgt environ	5/16/2017	Organic	Triphenylphosphate	n/a	=	0.579	µg/L	EPA 525.2m	-88	-88			
2016/17-6	MO-VEN	srgt environ, rec	5/16/2017	Organic	Triphenylphosphate	n/a	=	116	%	EPA 525.2m	-88	-88	40	163	
2016/17-6	000NONPJ	srgt matrix spike	5/19/2017	PCB	PCB 209	n/a	=	0.0947	µg/L	EPA 608	-88	-88			
2016/17-6	000NONPJ	srgt matrix spike, rec	5/19/2017	PCB	PCB 209	n/a	=	95	%	EPA 608	-88	-88	34	125	
2016/17-6	000NONPJ	srgt matrix spike dup	5/19/2017	PCB	PCB 209	n/a	=	0.0887	µg/L	EPA 608	-88	-88			
2016/17-6	000NONPJ	srgt matrix spike dup, rec	5/19/2017	PCB	PCB 209	n/a	=	89	%	EPA 608	-88	-88	34	125	
2016/17-6	Lab	srgt method blank	5/18/2017	PCB	PCB 209	n/a	=	0.101	µg/L	EPA 608	-88	-88			
2016/17-6	Lab	srgt method blank, rec	5/18/2017	PCB	PCB 209	n/a	=	101	%	EPA 608	-88	-88	34	125	
2016/17-6	Lab	srgt LCS	5/19/2017	PCB	PCB 209	n/a	=	0.109	µg/L	EPA 608	-88	-88			
2016/17-6	Lab	srgt LCS, rec	5/19/2017	PCB	PCB 209	n/a	=	109	%	EPA 608	-88	-88	34	125	
2016/17-6	Lab	srgt method blank	6/2/2017	PCB	PCB 209	n/a	=	0.0941	µg/L	EPA 608	-88	-88			
2016/17-6	Lab	srgt method blank, rec	6/2/2017	PCB	PCB 209	n/a	=	94	%	EPA 608	-88	-88	34	125	
2016/17-6	Lab	srgt LCS	6/2/2017	PCB	PCB 209	n/a	=	0.0865	µg/L	EPA 608	-88	-88			
2016/17-6	Lab	srgt LCS, rec	6/2/2017	PCB	PCB 209	n/a	=	87	%	EPA 608	-88	-88	34	125	
2016/17-6	Lab	srgt LCS dup	6/2/2017	PCB	PCB 209	n/a	=	0.0899	µg/L	EPA 608	-88	-88			
2016/17-6	Lab	srgt LCS dup, rec	6/2/2017	PCB	PCB 209	n/a	=	90	%	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	
2016/17-6	Lab	srgt method blank	6/6/2017	PCB	PCB 209	n/a	=	0.105	µg/L	EPA 608	-88	-88			
2016/17-6	Lab	srgt method blank, rec	6/6/2017	PCB	PCB 209	n/a	=	105	%	EPA 608	-88	-88	34	125	
2016/17-6	Lab	srgt LCS	6/6/2017	PCB	PCB 209	n/a	=	0.107	µg/L	EPA 608	-88	-88			
2016/17-6	Lab	srgt LCS, rec	6/6/2017	PCB	PCB 209	n/a	=	107	%	EPA 608	-88	-88	34	125	
2016/17-6	Lab	srgt LCS dup	6/6/2017	PCB	PCB 209	n/a	=	0.11	µg/L	EPA 608	-88	-88			
2016/17-6	Lab	srgt LCS dup, rec	6/6/2017	PCB	PCB 209	n/a	=	110	%	EPA 608	-88	-88	34	125	
2016/17-6	ME-CC	srgt environ	6/2/2017	PCB	PCB 209	n/a	=	0.0878	µg/L	EPA 608	-88	-88			
2016/17-6	ME-CC	srgt environ, rec	6/2/2017	PCB	PCB 209	n/a	=	88	%	EPA 608	-88	-88	34	125	
2016/17-6	ME-SCR	srgt environ	5/19/2017	PCB	PCB 209	n/a	=	0.0966	µg/L	EPA 608	-88	-88			
2016/17-6	ME-SCR	srgt environ, rec	5/19/2017	PCB	PCB 209	n/a	=	97	%	EPA 608	-88	-88	34	125	
2016/17-6	ME-VR2	srgt environ	6/7/2017	PCB	PCB 209	n/a	=	0.0989	µg/L	EPA 608	-88	-88			
2016/17-6	ME-VR2	srgt environ, rec	6/7/2017	PCB	PCB 209	n/a	=	99	%	EPA 608	-88	-88	34	125	
2016/17-6	MO-CAM	srgt environ	6/3/2017	PCB	PCB 209	n/a	=	0.0677	µg/L	EPA 608	-88	-88			
2016/17-6	MO-CAM	srgt environ, rec	6/3/2017	PCB	PCB 209	n/a	=	68	%	EPA 608	-88	-88	34	125	
2016/17-6	MO-FIL	srgt environ	5/19/2017	PCB	PCB 209	n/a	=	0.0959	µg/L	EPA 608	-88	-88			
2016/17-6	MO-FIL	srgt environ, rec	5/19/2017	PCB	PCB 209	n/a	=	96	%	EPA 608	-88	-88	34	125	
2016/17-6	MO-HUE	srgt environ	6/7/2017	PCB	PCB 209	n/a	=	0.0936	µg/L	EPA 608	-88	-88			
2016/17-6	MO-HUE	srgt environ, rec	6/7/2017	PCB	PCB 209	n/a	=	94	%	EPA 608	-88	-88	34	125	
2016/17-6	MO-MPK	srgt environ	6/3/2017	PCB	PCB 209	n/a	=	0.049	µg/L	EPA 608	-88	-88			
2016/17-6	MO-MPK	srgt environ, rec	6/3/2017	PCB	PCB 209	n/a	=	49	%	EPA 608	-88	-88	34	125	
2016/17-6	MO-OJA	srgt environ	6/7/2017	PCB	PCB 209	n/a	=	0.0724	µg/L	EPA 608	-88	-88			
2016/17-6	MO-OJA	srgt environ, rec	6/7/2017	PCB	PCB 209	n/a	=	72	%	EPA 608	-88	-88	34	125	
2016/17-6	MO-SIM	srgt environ	6/3/2017	PCB	PCB 209	n/a	=	0.0932	µg/L	EPA 608	-88	-88			
2016/17-6	MO-SIM	srgt environ, rec	6/3/2017	PCB	PCB 209	n/a	=	93	%	EPA 608	-88	-88	34	125	
2016/17-6	MO-THO	srgt environ	6/3/2017	PCB	PCB 209	n/a	=	0.0842	µg/L	EPA 608	-88	-88			
2016/17-6	MO-THO	srgt environ, rec	6/3/2017	PCB	PCB 209	n/a	=	84	%	EPA 608	-88	-88	34	125	
2016/17-6	MO-VEN	srgt environ	5/19/2017	PCB	PCB 209	n/a	=	0.0538	µg/L	EPA 608	-88	-88			
2016/17-6	MO-VEN	srgt environ, rec	5/19/2017	PCB	PCB 209	n/a	=	54	%	EPA 608	-88	-88	34	125	
2016/17-6	Lab	method blank	5/18/2017	PCB	PCB Aroclor 1016	n/a	<	0.05	µg/L	EPA 608	0.05	0.5			
2016/17-6	Lab	method blank	6/2/2017	PCB	PCB Aroclor 1016	n/a	<	0.05	µg/L	EPA 608	0.05	0.5			
2016/17-6	Lab	method blank	6/6/2017	PCB	PCB Aroclor 1016	n/a	<	0.05	µg/L	EPA 608	0.05	0.5			
2016/17-6	Lab	method blank	5/18/2017	PCB	PCB Aroclor 1221	n/a	<	0.06	µg/L	EPA 608	0.06	0.5			
2016/17-6	Lab	method blank	6/2/2017	PCB	PCB Aroclor 1221	n/a	<	0.06	µg/L	EPA 608	0.06	0.5			
2016/17-6	Lab	method blank	6/6/2017	PCB	PCB Aroclor 1221	n/a	<	0.06	µg/L	EPA 608	0.06	0.5			
2016/17-6	Lab	method blank	5/18/2017	PCB	PCB Aroclor 1232	n/a	<	0.15	µg/L	EPA 608	0.15	0.5			
2016/17-6	Lab	method blank	6/2/2017	PCB	PCB Aroclor 1232	n/a	<	0.15	µg/L	EPA 608	0.15	0.5			
2016/17-6	Lab	method blank	6/6/2017	PCB	PCB Aroclor 1232	n/a	<	0.15	µg/L	EPA 608	0.15	0.5			
2016/17-6	Lab	method blank	5/18/2017	PCB	PCB Aroclor 1242	n/a	<	0.07	µg/L	EPA 608	0.07	0.5			
2016/17-6	Lab	method blank	6/2/2017	PCB	PCB Aroclor 1242	n/a	<	0.07	µg/L	EPA 608	0.07	0.5			
2016/17-6	Lab	method blank	6/6/2017	PCB	PCB Aroclor 1242	n/a	<	0.07	µg/L	EPA 608	0.07	0.5			
2016/17-6	Lab	method blank	5/18/2017	PCB	PCB Aroclor 1248	n/a	<	0.06	µg/L	EPA 608	0.06	0.5			
2016/17-6	Lab	method blank	6/2/2017	PCB	PCB Aroclor 1248	n/a	<	0.06	µg/L	EPA 608	0.06	0.5			
2016/17-6	Lab	method blank	6/6/2017	PCB	PCB Aroclor 1248	n/a	<	0.06	µg/L	EPA 608	0.06	0.5			
2016/17-6	Lab	method blank	5/18/2017	PCB	PCB Aroclor 1254	n/a	<	0.04	µg/L	EPA 608	0.04	0.5			
2016/17-6	Lab	method blank	6/2/2017	PCB	PCB Aroclor 1254	n/a	<	0.04	µg/L	EPA 608	0.04	0.5			
2016/17-6	Lab	method blank	6/6/2017	PCB	PCB Aroclor 1254	n/a	<	0.04	µg/L	EPA 608	0.04	0.5			
2016/17-6	Lab	method blank	5/18/2017	PCB	PCB Aroclor 1260	n/a	<	0.04	µg/L	EPA 608	0.04	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	
2016/17-6	Lab	method blank	6/2/2017	PCB	PCB Aroclor 1260	n/a	<	0.04	µg/L	EPA 608	0.04	0.5			
2016/17-6	Lab	method blank	6/6/2017	PCB	PCB Aroclor 1260	n/a	<	0.04	µg/L	EPA 608	0.04	0.5			
2016/17-6	000NONPJ	matrix spike	5/12/2017	Pesticide	2,4,5-T	n/a	=	4.76	µg/L	EPA 515.3	0.07	0.2			
2016/17-6	000NONPJ	matrix spike, rec	5/12/2017	Pesticide	2,4,5-T	n/a	=	119	%	EPA 515.3	-88	-88	70	130	
2016/17-6	000NONPJ	matrix spike dup	5/12/2017	Pesticide	2,4,5-T	n/a	=	4.79	µg/L	EPA 515.3	0.07	0.2			
2016/17-6	000NONPJ	matrix spike dup, rec	5/12/2017	Pesticide	2,4,5-T	n/a	=	120	%	EPA 515.3	-88	-88	70	130	
2016/17-6	000NONPJ	matrix spike, RPD	5/12/2017	Pesticide	2,4,5-T	n/a	=	0.7	%	EPA 515.3	-88	-88	0	30	
2016/17-6	000NONPJ	matrix spike	5/12/2017	Pesticide	2,4,5-T	n/a	=	4.76	µg/L	EPA 515.3	0.07	0.2			
2016/17-6	000NONPJ	matrix spike, rec	5/12/2017	Pesticide	2,4,5-T	n/a	=	119	%	EPA 515.3	-88	-88	70	130	
2016/17-6	000NONPJ	matrix spike dup	5/12/2017	Pesticide	2,4,5-T	n/a	=	4.83	µg/L	EPA 515.3	0.07	0.2			
2016/17-6	000NONPJ	matrix spike dup, rec	5/12/2017	Pesticide	2,4,5-T	n/a	=	121	%	EPA 515.3	-88	-88	70	130	
2016/17-6	000NONPJ	matrix spike, RPD	5/12/2017	Pesticide	2,4,5-T	n/a	=	1	%	EPA 515.3	-88	-88	0	30	
2016/17-6	000NONPJ	matrix spike	5/23/2017	Pesticide	2,4,5-T	n/a	=	4.25	µg/L	EPA 515.3	0.07	0.2			
2016/17-6	000NONPJ	matrix spike, rec	5/23/2017	Pesticide	2,4,5-T	n/a	=	106	%	EPA 515.3	-88	-88	70	130	
2016/17-6	000NONPJ	matrix spike dup	5/23/2017	Pesticide	2,4,5-T	n/a	=	4.51	µg/L	EPA 515.3	0.07	0.2			
2016/17-6	000NONPJ	matrix spike dup, rec	5/23/2017	Pesticide	2,4,5-T	n/a	=	113	%	EPA 515.3	-88	-88	70	130	
2016/17-6	000NONPJ	matrix spike, RPD	5/23/2017	Pesticide	2,4,5-T	n/a	=	6	%	EPA 515.3	-88	-88	0	30	
2016/17-6	000NONPJ	matrix spike	5/23/2017	Pesticide	2,4,5-T	n/a	=	4.45	µg/L	EPA 515.3	0.07	0.2			
2016/17-6	000NONPJ	matrix spike, rec	5/23/2017	Pesticide	2,4,5-T	n/a	=	111	%	EPA 515.3	-88	-88	70	130	
2016/17-6	000NONPJ	matrix spike dup	5/23/2017	Pesticide	2,4,5-T	n/a	=	4.19	µg/L	EPA 515.3	0.07	0.2			
2016/17-6	000NONPJ	matrix spike dup, rec	5/23/2017	Pesticide	2,4,5-T	n/a	=	105	%	EPA 515.3	-88	-88	70	130	
2016/17-6	000NONPJ	matrix spike, RPD	5/23/2017	Pesticide	2,4,5-T	n/a	=	6	%	EPA 515.3	-88	-88	0	30	
2016/17-6	000NONPJ	matrix spike	5/25/2017	Pesticide	2,4,5-T	n/a	=	4.65	µg/L	EPA 515.3	0.07	0.2			
2016/17-6	000NONPJ	matrix spike, rec	5/25/2017	Pesticide	2,4,5-T	n/a	=	116	%	EPA 515.3	-88	-88	70	130	
2016/17-6	000NONPJ	matrix spike dup	5/25/2017	Pesticide	2,4,5-T	n/a	=	4.67	µg/L	EPA 515.3	0.07	0.2			
2016/17-6	000NONPJ	matrix spike dup, rec	5/25/2017	Pesticide	2,4,5-T	n/a	=	117	%	EPA 515.3	-88	-88	70	130	
2016/17-6	000NONPJ	matrix spike, RPD	5/25/2017	Pesticide	2,4,5-T	n/a	=	0.3	%	EPA 515.3	-88	-88	0	30	
2016/17-6	Lab	method blank	5/12/2017	Pesticide	2,4,5-T	n/a	<	0.07	µg/L	EPA 515.3	0.07	0.2			
2016/17-6	Lab	LCS	5/12/2017	Pesticide	2,4,5-T	n/a	=	5	µg/L	EPA 515.3	0.07	0.2			
2016/17-6	Lab	LCS, rec	5/12/2017	Pesticide	2,4,5-T	n/a	=	125	%	EPA 515.3	-88	-88	70	130	
2016/17-6	Lab	method blank	5/23/2017	Pesticide	2,4,5-T	n/a	<	0.07	µg/L	EPA 515.3	0.07	0.2			
2016/17-6	Lab	LCS	5/23/2017	Pesticide	2,4,5-T	n/a	=	4.42	µg/L	EPA 515.3	0.07	0.2			
2016/17-6	Lab	LCS, rec	5/23/2017	Pesticide	2,4,5-T	n/a	=	110	%	EPA 515.3	-88	-88	70	130	
2016/17-6	Lab	method blank	5/23/2017	Pesticide	2,4,5-T	n/a	<	0.07	µg/L	EPA 515.3	0.07	0.2			
2016/17-6	Lab	LCS	5/23/2017	Pesticide	2,4,5-T	n/a	=	4.34	µg/L	EPA 515.3	0.07	0.2			
2016/17-6	Lab	LCS, rec	5/23/2017	Pesticide	2,4,5-T	n/a	=	108	%	EPA 515.3	-88	-88	70	130	
2016/17-6	Lab	method blank	5/24/2017	Pesticide	2,4,5-T	n/a	<	0.07	µg/L	EPA 515.3	0.07	0.2			
2016/17-6	Lab	LCS	5/24/2017	Pesticide	2,4,5-T	n/a	=	4.31	µg/L	EPA 515.3	0.07	0.2			
2016/17-6	Lab	LCS, rec	5/24/2017	Pesticide	2,4,5-T	n/a	=	108	%	EPA 515.3	-88	-88	70	130	
2016/17-6	Lab	method blank	5/25/2017	Pesticide	2,4,5-T	n/a	<	0.07	µg/L	EPA 515.3	0.07	0.2			
2016/17-6	Lab	LCS	5/25/2017	Pesticide	2,4,5-T	n/a	=	4.5	µg/L	EPA 515.3	0.07	0.2			
2016/17-6	Lab	LCS, rec	5/25/2017	Pesticide	2,4,5-T	n/a	=	113	%	EPA 515.3	-88	-88	70	130	
2016/17-6	000NONPJ	matrix spike	5/12/2017	Pesticide	2,4,5-TP	n/a	=	5.1	µg/L	EPA 515.3	0.09	0.2			
2016/17-6	000NONPJ	matrix spike, rec	5/12/2017	Pesticide	2,4,5-TP	n/a	=	127	%	EPA 515.3	-88	-88	70	130	
2016/17-6	000NONPJ	matrix spike dup	5/12/2017	Pesticide	2,4,5-TP	n/a	=	5.02	µg/L	EPA 515.3	0.09	0.2			
2016/17-6	000NONPJ	matrix spike dup, rec	5/12/2017	Pesticide	2,4,5-TP	n/a	=	125	%	EPA 515.3	-88	-88	70	130	
2016/17-6	000NONPJ	matrix spike, RPD	5/12/2017	Pesticide	2,4,5-TP	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	
2016/17-6	000NONPJ	matrix spike	5/12/2017	Pesticide	2,4,5-TP	n/a	=	4.83	µg/L	EPA 515.3	0.09	0.2			
2016/17-6	000NONPJ	matrix spike, rec	5/12/2017	Pesticide	2,4,5-TP	n/a	=	121	%	EPA 515.3	-88	-88	70	130	
2016/17-6	000NONPJ	matrix spike dup	5/12/2017	Pesticide	2,4,5-TP	n/a	=	4.96	µg/L	EPA 515.3	0.09	0.2			
2016/17-6	000NONPJ	matrix spike dup, rec	5/12/2017	Pesticide	2,4,5-TP	n/a	=	124	%	EPA 515.3	-88	-88	70	130	
2016/17-6	000NONPJ	matrix spike, RPD	5/12/2017	Pesticide	2,4,5-TP	n/a	=	3	%	EPA 515.3	-88	-88	0	30	
2016/17-6	000NONPJ	matrix spike	5/23/2017	Pesticide	2,4,5-TP	n/a	=	4.08	µg/L	EPA 515.3	0.09	0.2			
2016/17-6	000NONPJ	matrix spike, rec	5/23/2017	Pesticide	2,4,5-TP	n/a	=	102	%	EPA 515.3	-88	-88	70	130	
2016/17-6	000NONPJ	matrix spike dup	5/23/2017	Pesticide	2,4,5-TP	n/a	=	4.24	µg/L	EPA 515.3	0.09	0.2			
2016/17-6	000NONPJ	matrix spike dup, rec	5/23/2017	Pesticide	2,4,5-TP	n/a	=	106	%	EPA 515.3	-88	-88	70	130	
2016/17-6	000NONPJ	matrix spike, RPD	5/23/2017	Pesticide	2,4,5-TP	n/a	=	4	%	EPA 515.3	-88	-88	0	30	
2016/17-6	000NONPJ	matrix spike	5/23/2017	Pesticide	2,4,5-TP	n/a	=	4.29	µg/L	EPA 515.3	0.09	0.2			
2016/17-6	000NONPJ	matrix spike, rec	5/23/2017	Pesticide	2,4,5-TP	n/a	=	107	%	EPA 515.3	-88	-88	70	130	
2016/17-6	000NONPJ	matrix spike dup	5/23/2017	Pesticide	2,4,5-TP	n/a	=	4.05	µg/L	EPA 515.3	0.09	0.2			
2016/17-6	000NONPJ	matrix spike dup, rec	5/23/2017	Pesticide	2,4,5-TP	n/a	=	101	%	EPA 515.3	-88	-88	70	130	
2016/17-6	000NONPJ	matrix spike, RPD	5/23/2017	Pesticide	2,4,5-TP	n/a	=	6	%	EPA 515.3	-88	-88	0	30	
2016/17-6	000NONPJ	matrix spike	5/25/2017	Pesticide	2,4,5-TP	n/a	=	4.48	µg/L	EPA 515.3	0.09	0.2			
2016/17-6	000NONPJ	matrix spike, rec	5/25/2017	Pesticide	2,4,5-TP	n/a	=	112	%	EPA 515.3	-88	-88	70	130	
2016/17-6	000NONPJ	matrix spike dup	5/25/2017	Pesticide	2,4,5-TP	n/a	=	4.43	µg/L	EPA 515.3	0.09	0.2			
2016/17-6	000NONPJ	matrix spike dup, rec	5/25/2017	Pesticide	2,4,5-TP	n/a	=	111	%	EPA 515.3	-88	-88	70	130	
2016/17-6	000NONPJ	matrix spike, RPD	5/25/2017	Pesticide	2,4,5-TP	n/a	=	1	%	EPA 515.3	-88	-88	0	30	
2016/17-6	Lab	method blank	5/12/2017	Pesticide	2,4,5-TP	n/a	<	0.09	µg/L	EPA 515.3	0.09	0.2			
2016/17-6	Lab	LCS	5/12/2017	Pesticide	2,4,5-TP	n/a	=	4.94	µg/L	EPA 515.3	0.09	0.2			
2016/17-6	Lab	LCS, rec	5/12/2017	Pesticide	2,4,5-TP	n/a	=	124	%	EPA 515.3	-88	-88	70	130	
2016/17-6	Lab	method blank	5/23/2017	Pesticide	2,4,5-TP	n/a	<	0.09	µg/L	EPA 515.3	0.09	0.2			
2016/17-6	Lab	LCS	5/23/2017	Pesticide	2,4,5-TP	n/a	=	4.1	µg/L	EPA 515.3	0.09	0.2			
2016/17-6	Lab	LCS, rec	5/23/2017	Pesticide	2,4,5-TP	n/a	=	103	%	EPA 515.3	-88	-88	70	130	
2016/17-6	Lab	method blank	5/23/2017	Pesticide	2,4,5-TP	n/a	<	0.09	µg/L	EPA 515.3	0.09	0.2			
2016/17-6	Lab	LCS	5/23/2017	Pesticide	2,4,5-TP	n/a	=	4.22	µg/L	EPA 515.3	0.09	0.2			
2016/17-6	Lab	LCS, rec	5/23/2017	Pesticide	2,4,5-TP	n/a	=	105	%	EPA 515.3	-88	-88	70	130	
2016/17-6	Lab	method blank	5/24/2017	Pesticide	2,4,5-TP	n/a	<	0.09	µg/L	EPA 515.3	0.09	0.2			
2016/17-6	Lab	LCS	5/24/2017	Pesticide	2,4,5-TP	n/a	=	4.26	µg/L	EPA 515.3	0.09	0.2			
2016/17-6	Lab	LCS, rec	5/24/2017	Pesticide	2,4,5-TP	n/a	=	106	%	EPA 515.3	-88	-88	70	130	
2016/17-6	Lab	method blank	5/25/2017	Pesticide	2,4,5-TP	n/a	<	0.09	µg/L	EPA 515.3	0.09	0.2			
2016/17-6	Lab	LCS	5/25/2017	Pesticide	2,4,5-TP	n/a	=	4.41	µg/L	EPA 515.3	0.09	0.2			
2016/17-6	Lab	LCS, rec	5/25/2017	Pesticide	2,4,5-TP	n/a	=	110	%	EPA 515.3	-88	-88	70	130	
2016/17-6	000NONPJ	matrix spike	5/12/2017	Pesticide	2,4-D	n/a	=	9.51	µg/L	EPA 515.3	0.07	0.4			
2016/17-6	000NONPJ	matrix spike, rec	5/12/2017	Pesticide	2,4-D	n/a	=	119	%	EPA 515.3	-88	-88	70	130	
2016/17-6	000NONPJ	matrix spike dup	5/12/2017	Pesticide	2,4-D	n/a	=	9.52	µg/L	EPA 515.3	0.07	0.4			
2016/17-6	000NONPJ	matrix spike dup, rec	5/12/2017	Pesticide	2,4-D	n/a	=	119	%	EPA 515.3	-88	-88	70	130	
2016/17-6	000NONPJ	matrix spike, RPD	5/12/2017	Pesticide	2,4-D	n/a	=	0.08	%	EPA 515.3	-88	-88	0	30	
2016/17-6	000NONPJ	matrix spike	5/12/2017	Pesticide	2,4-D	n/a	=	9.24	µg/L	EPA 515.3	0.07	0.4			
2016/17-6	000NONPJ	matrix spike, rec	5/12/2017	Pesticide	2,4-D	n/a	=	116	%	EPA 515.3	-88	-88	70	130	
2016/17-6	000NONPJ	matrix spike dup	5/12/2017	Pesticide	2,4-D	n/a	=	9.26	µg/L	EPA 515.3	0.07	0.4			
2016/17-6	000NONPJ	matrix spike dup, rec	5/12/2017	Pesticide	2,4-D	n/a	=	116	%	EPA 515.3	-88	-88	70	130	
2016/17-6	000NONPJ	matrix spike, RPD	5/12/2017	Pesticide	2,4-D	n/a	=	0.2	%	EPA 515.3	-88	-88	0	30	
2016/17-6	000NONPJ	matrix spike	5/23/2017	Pesticide	2,4-D	n/a	=	8.49	µg/L	EPA 515.3	0.07	0.4			
2016/17-6	000NONPJ	matrix spike, rec	5/23/2017	Pesticide	2,4-D	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	
2016/17-6	000NONPJ	matrix spike dup	5/23/2017	Pesticide	2,4-D	n/a	=	8.7	µg/L	EPA 515.3	0.07	0.4			
2016/17-6	000NONPJ	matrix spike dup, rec	5/23/2017	Pesticide	2,4-D	n/a	=	109	%	EPA 515.3	-88	-88	70	130	
2016/17-6	000NONPJ	matrix spike, RPD	5/23/2017	Pesticide	2,4-D	n/a	=	2	%	EPA 515.3	-88	-88	0	30	
2016/17-6	000NONPJ	matrix spike	5/23/2017	Pesticide	2,4-D	n/a	=	8.33	µg/L	EPA 515.3	0.07	0.4			
2016/17-6	000NONPJ	matrix spike, rec	5/23/2017	Pesticide	2,4-D	n/a	=	104	%	EPA 515.3	-88	-88	70	130	
2016/17-6	000NONPJ	matrix spike dup	5/23/2017	Pesticide	2,4-D	n/a	=	8.29	µg/L	EPA 515.3	0.07	0.4			
2016/17-6	000NONPJ	matrix spike dup, rec	5/23/2017	Pesticide	2,4-D	n/a	=	104	%	EPA 515.3	-88	-88	70	130	
2016/17-6	000NONPJ	matrix spike, RPD	5/23/2017	Pesticide	2,4-D	n/a	=	0.5	%	EPA 515.3	-88	-88	0	30	
2016/17-6	000NONPJ	matrix spike	5/25/2017	Pesticide	2,4-D	n/a	=	8.88	µg/L	EPA 515.3	0.07	0.4			
2016/17-6	000NONPJ	matrix spike, rec	5/25/2017	Pesticide	2,4-D	n/a	=	111	%	EPA 515.3	-88	-88	70	130	
2016/17-6	000NONPJ	matrix spike dup	5/25/2017	Pesticide	2,4-D	n/a	=	9.09	µg/L	EPA 515.3	0.07	0.4			
2016/17-6	000NONPJ	matrix spike dup, rec	5/25/2017	Pesticide	2,4-D	n/a	=	114	%	EPA 515.3	-88	-88	70	130	
2016/17-6	000NONPJ	matrix spike, RPD	5/25/2017	Pesticide	2,4-D	n/a	=	2	%	EPA 515.3	-88	-88	0	30	
2016/17-6	Lab	method blank	5/12/2017	Pesticide	2,4-D	n/a	<	0.07	µg/L	EPA 515.3	0.07	0.4			
2016/17-6	Lab	LCS	5/12/2017	Pesticide	2,4-D	n/a	=	9.45	µg/L	EPA 515.3	0.07	0.4			
2016/17-6	Lab	LCS, rec	5/12/2017	Pesticide	2,4-D	n/a	=	118	%	EPA 515.3	-88	-88	70	130	
2016/17-6	Lab	method blank	5/23/2017	Pesticide	2,4-D	n/a	<	0.07	µg/L	EPA 515.3	0.07	0.4			
2016/17-6	Lab	LCS	5/23/2017	Pesticide	2,4-D	n/a	=	8.54	µg/L	EPA 515.3	0.07	0.4			
2016/17-6	Lab	LCS, rec	5/23/2017	Pesticide	2,4-D	n/a	=	107	%	EPA 515.3	-88	-88	70	130	
2016/17-6	Lab	method blank	5/23/2017	Pesticide	2,4-D	n/a	<	0.07	µg/L	EPA 515.3	0.07	0.4			
2016/17-6	Lab	LCS	5/23/2017	Pesticide	2,4-D	n/a	=	8.42	µg/L	EPA 515.3	0.07	0.4			
2016/17-6	Lab	LCS, rec	5/23/2017	Pesticide	2,4-D	n/a	=	105	%	EPA 515.3	-88	-88	70	130	
2016/17-6	Lab	method blank	5/24/2017	Pesticide	2,4-D	n/a	<	0.07	µg/L	EPA 515.3	0.07	0.4			
2016/17-6	Lab	LCS	5/24/2017	Pesticide	2,4-D	n/a	=	8.33	µg/L	EPA 515.3	0.07	0.4			
2016/17-6	Lab	LCS, rec	5/24/2017	Pesticide	2,4-D	n/a	=	104	%	EPA 515.3	-88	-88	70	130	
2016/17-6	Lab	method blank	5/25/2017	Pesticide	2,4-D	n/a	<	0.07	µg/L	EPA 515.3	0.07	0.4			
2016/17-6	Lab	LCS	5/25/2017	Pesticide	2,4-D	n/a	=	8.75	µg/L	EPA 515.3	0.07	0.4			
2016/17-6	Lab	LCS, rec	5/25/2017	Pesticide	2,4-D	n/a	=	109	%	EPA 515.3	-88	-88	70	130	
2016/17-6	000NONPJ	matrix spike	5/12/2017	Pesticide	2,4-DB	n/a	=	20.5	µg/L	EPA 515.3	0.07	2			
2016/17-6	000NONPJ	matrix spike, rec	5/12/2017	Pesticide	2,4-DB	n/a	=	128	%	EPA 515.3	-88	-88	70	130	
2016/17-6	000NONPJ	matrix spike dup	5/12/2017	Pesticide	2,4-DB	n/a	=	20.1	µg/L	EPA 515.3	0.07	2			
2016/17-6	000NONPJ	matrix spike dup, rec	5/12/2017	Pesticide	2,4-DB	n/a	=	126	%	EPA 515.3	-88	-88	70	130	
2016/17-6	000NONPJ	matrix spike, RPD	5/12/2017	Pesticide	2,4-DB	n/a	=	2	%	EPA 515.3	-88	-88	0	30	
2016/17-6	000NONPJ	matrix spike	5/12/2017	Pesticide	2,4-DB	n/a	=	19.6	µg/L	EPA 515.3	0.07	2			
2016/17-6	000NONPJ	matrix spike, rec	5/12/2017	Pesticide	2,4-DB	n/a	=	123	%	EPA 515.3	-88	-88	70	130	
2016/17-6	000NONPJ	matrix spike dup	5/12/2017	Pesticide	2,4-DB	n/a	=	19.9	µg/L	EPA 515.3	0.07	2			
2016/17-6	000NONPJ	matrix spike dup, rec	5/12/2017	Pesticide	2,4-DB	n/a	=	124	%	EPA 515.3	-88	-88	70	130	
2016/17-6	000NONPJ	matrix spike, RPD	5/12/2017	Pesticide	2,4-DB	n/a	=	1	%	EPA 515.3	-88	-88	0	30	
2016/17-6	000NONPJ	matrix spike	5/23/2017	Pesticide	2,4-DB	n/a	=	17.1	µg/L	EPA 515.3	0.07	2			
2016/17-6	000NONPJ	matrix spike, rec	5/23/2017	Pesticide	2,4-DB	n/a	=	107	%	EPA 515.3	-88	-88	70	130	
2016/17-6	000NONPJ	matrix spike dup	5/23/2017	Pesticide	2,4-DB	n/a	=	17.5	µg/L	EPA 515.3	0.07	2			
2016/17-6	000NONPJ	matrix spike dup, rec	5/23/2017	Pesticide	2,4-DB	n/a	=	109	%	EPA 515.3	-88	-88	70	130	
2016/17-6	000NONPJ	matrix spike, RPD	5/23/2017	Pesticide	2,4-DB	n/a	=	2	%	EPA 515.3	-88	-88	0	30	
2016/17-6	000NONPJ	matrix spike	5/23/2017	Pesticide	2,4-DB	n/a	=	17.3	µg/L	EPA 515.3	0.07	2			
2016/17-6	000NONPJ	matrix spike, rec	5/23/2017	Pesticide	2,4-DB	n/a	=	108	%	EPA 515.3	-88	-88	70	130	
2016/17-6	000NONPJ	matrix spike dup	5/23/2017	Pesticide	2,4-DB	n/a	=	16.2	µg/L	EPA 515.3	0.07	2			
2016/17-6	000NONPJ	matrix spike dup, rec	5/23/2017	Pesticide	2,4-DB	n/a	=	101	%	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	
2016/17-6	000NONPJ	matrix spike, RPD	5/23/2017	Pesticide	2,4-DB	n/a	=	6	%	EPA 515.3	-88	-88	0	30	
2016/17-6	000NONPJ	matrix spike	5/25/2017	Pesticide	2,4-DB	n/a	=	17.2	µg/L	EPA 515.3	0.07	2			
2016/17-6	000NONPJ	matrix spike, rec	5/25/2017	Pesticide	2,4-DB	n/a	=	108	%	EPA 515.3	-88	-88	70	130	
2016/17-6	000NONPJ	matrix spike dup	5/25/2017	Pesticide	2,4-DB	n/a	=	18.4	µg/L	EPA 515.3	0.07	2			
2016/17-6	000NONPJ	matrix spike dup, rec	5/25/2017	Pesticide	2,4-DB	n/a	=	115	%	EPA 515.3	-88	-88	70	130	
2016/17-6	000NONPJ	matrix spike, RPD	5/25/2017	Pesticide	2,4-DB	n/a	=	7	%	EPA 515.3	-88	-88	0	30	
2016/17-6	Lab	method blank	5/12/2017	Pesticide	2,4-DB	n/a	<	0.07	µg/L	EPA 515.3	0.07	2			
2016/17-6	Lab	LCS	5/12/2017	Pesticide	2,4-DB	n/a	=	20	µg/L	EPA 515.3	0.07	2			
2016/17-6	Lab	LCS, rec	5/12/2017	Pesticide	2,4-DB	n/a	=	125	%	EPA 515.3	-88	-88	70	130	
2016/17-6	Lab	method blank	5/23/2017	Pesticide	2,4-DB	n/a	<	0.07	µg/L	EPA 515.3	0.07	2			
2016/17-6	Lab	LCS	5/23/2017	Pesticide	2,4-DB	n/a	=	17.2	µg/L	EPA 515.3	0.07	2			
2016/17-6	Lab	LCS, rec	5/23/2017	Pesticide	2,4-DB	n/a	=	107	%	EPA 515.3	-88	-88	70	130	
2016/17-6	Lab	method blank	5/23/2017	Pesticide	2,4-DB	n/a	<	0.07	µg/L	EPA 515.3	0.07	2			
2016/17-6	Lab	LCS	5/23/2017	Pesticide	2,4-DB	n/a	=	16.9	µg/L	EPA 515.3	0.07	2			
2016/17-6	Lab	LCS, rec	5/23/2017	Pesticide	2,4-DB	n/a	=	105	%	EPA 515.3	-88	-88	70	130	
2016/17-6	Lab	method blank	5/24/2017	Pesticide	2,4-DB	n/a	<	0.07	µg/L	EPA 515.3	0.07	2			
2016/17-6	Lab	LCS	5/24/2017	Pesticide	2,4-DB	n/a	=	16.6	µg/L	EPA 515.3	0.07	2			
2016/17-6	Lab	LCS, rec	5/24/2017	Pesticide	2,4-DB	n/a	=	104	%	EPA 515.3	-88	-88	70	130	
2016/17-6	Lab	method blank	5/25/2017	Pesticide	2,4-DB	n/a	<	0.07	µg/L	EPA 515.3	0.07	2			
2016/17-6	Lab	LCS	5/25/2017	Pesticide	2,4-DB	n/a	=	17.4	µg/L	EPA 515.3	0.07	2			
2016/17-6	Lab	LCS, rec	5/25/2017	Pesticide	2,4-DB	n/a	=	109	%	EPA 515.3	-88	-88	70	130	
2016/17-6	000NONPJ	matrix spike	5/12/2017	Pesticide	3,5-Dichlorobenzoic acid	n/a	=	9.94	µg/L	EPA 515.3	0.09	1			
2016/17-6	000NONPJ	matrix spike, rec	5/12/2017	Pesticide	3,5-Dichlorobenzoic acid	n/a	=	124	%	EPA 515.3	-88	-88	70	130	
2016/17-6	000NONPJ	matrix spike dup	5/12/2017	Pesticide	3,5-Dichlorobenzoic acid	n/a	=	10.2	µg/L	EPA 515.3	0.09	1			
2016/17-6	000NONPJ	matrix spike dup, rec	5/12/2017	Pesticide	3,5-Dichlorobenzoic acid	n/a	=	128	%	EPA 515.3	-88	-88	70	130	
2016/17-6	000NONPJ	matrix spike, RPD	5/12/2017	Pesticide	3,5-Dichlorobenzoic acid	n/a	=	3	%	EPA 515.3	-88	-88	0	30	
2016/17-6	000NONPJ	matrix spike	5/12/2017	Pesticide	3,5-Dichlorobenzoic acid	n/a	=	9.07	µg/L	EPA 515.3	0.09	1			
2016/17-6	000NONPJ	matrix spike, rec	5/12/2017	Pesticide	3,5-Dichlorobenzoic acid	n/a	=	113	%	EPA 515.3	-88	-88	70	130	
2016/17-6	000NONPJ	matrix spike dup	5/12/2017	Pesticide	3,5-Dichlorobenzoic acid	n/a	=	9.06	µg/L	EPA 515.3	0.09	1			
2016/17-6	000NONPJ	matrix spike dup, rec	5/12/2017	Pesticide	3,5-Dichlorobenzoic acid	n/a	=	113	%	EPA 515.3	-88	-88	70	130	
2016/17-6	000NONPJ	matrix spike, RPD	5/12/2017	Pesticide	3,5-Dichlorobenzoic acid	n/a	=	0.06	%	EPA 515.3	-88	-88	0	30	
2016/17-6	000NONPJ	matrix spike	5/23/2017	Pesticide	3,5-Dichlorobenzoic acid	n/a	=	8.51	µg/L	EPA 515.3	0.09	1			
2016/17-6	000NONPJ	matrix spike, rec	5/23/2017	Pesticide	3,5-Dichlorobenzoic acid	n/a	=	106	%	EPA 515.3	-88	-88	70	130	
2016/17-6	000NONPJ	matrix spike dup	5/23/2017	Pesticide	3,5-Dichlorobenzoic acid	n/a	=	8.68	µg/L	EPA 515.3	0.09	1			
2016/17-6	000NONPJ	matrix spike dup, rec	5/23/2017	Pesticide	3,5-Dichlorobenzoic acid	n/a	=	108	%	EPA 515.3	-88	-88	70	130	
2016/17-6	000NONPJ	matrix spike, RPD	5/23/2017	Pesticide	3,5-Dichlorobenzoic acid	n/a	=	2	%	EPA 515.3	-88	-88	0	30	
2016/17-6	000NONPJ	matrix spike	5/23/2017	Pesticide	3,5-Dichlorobenzoic acid	n/a	=	8.8	µg/L	EPA 515.3	0.09	1			
2016/17-6	000NONPJ	matrix spike, rec	5/23/2017	Pesticide	3,5-Dichlorobenzoic acid	n/a	=	110	%	EPA 515.3	-88	-88	70	130	
2016/17-6	000NONPJ	matrix spike dup	5/23/2017	Pesticide	3,5-Dichlorobenzoic acid	n/a	=	8.85	µg/L	EPA 515.3	0.09	1			
2016/17-6	000NONPJ	matrix spike dup, rec	5/23/2017	Pesticide	3,5-Dichlorobenzoic acid	n/a	=	111	%	EPA 515.3	-88	-88	70	130	
2016/17-6	000NONPJ	matrix spike, RPD	5/23/2017	Pesticide	3,5-Dichlorobenzoic acid	n/a	=	0.6	%	EPA 515.3	-88	-88	0	30	
2016/17-6	000NONPJ	matrix spike	5/25/2017	Pesticide	3,5-Dichlorobenzoic acid	n/a	=	8.93	µg/L	EPA 515.3	0.09	1			
2016/17-6	000NONPJ	matrix spike, rec	5/25/2017	Pesticide	3,5-Dichlorobenzoic acid	n/a	=	112	%	EPA 515.3	-88	-88	70	130	
2016/17-6	000NONPJ	matrix spike dup	5/25/2017	Pesticide	3,5-Dichlorobenzoic acid	n/a	=	8.96	µg/L	EPA 515.3	0.09	1			
2016/17-6	000NONPJ	matrix spike dup, rec	5/25/2017	Pesticide	3,5-Dichlorobenzoic acid	n/a	=	112	%	EPA 515.3	-88	-88	70	130	
2016/17-6	000NONPJ	matrix spike, RPD	5/25/2017	Pesticide	3,5-Dichlorobenzoic acid	n/a	=	0.3	%	EPA 515.3	-88	-88	0	30	
2016/17-6	Lab	method blank	5/12/2017	Pesticide	3,5-Dichlorobenzoic acid	n/a	<	0.09	µg/L	EPA 515.3	0.09	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	
2016/17-6	Lab	LCS	5/12/2017	Pesticide	3,5-Dichlorobenzoic acid	n/a	=	9.09	µg/L	EPA 515.3	0.09	1			
2016/17-6	Lab	LCS, rec	5/12/2017	Pesticide	3,5-Dichlorobenzoic acid	n/a	=	114	%	EPA 515.3	-88	-88	70	130	
2016/17-6	Lab	method blank	5/23/2017	Pesticide	3,5-Dichlorobenzoic acid	n/a	<	0.09	µg/L	EPA 515.3	0.09	1			
2016/17-6	Lab	LCS	5/23/2017	Pesticide	3,5-Dichlorobenzoic acid	n/a	=	8.39	µg/L	EPA 515.3	0.09	1			
2016/17-6	Lab	LCS, rec	5/23/2017	Pesticide	3,5-Dichlorobenzoic acid	n/a	=	105	%	EPA 515.3	-88	-88	70	130	
2016/17-6	Lab	method blank	5/23/2017	Pesticide	3,5-Dichlorobenzoic acid	n/a	<	0.09	µg/L	EPA 515.3	0.09	1			
2016/17-6	Lab	LCS	5/23/2017	Pesticide	3,5-Dichlorobenzoic acid	n/a	=	8.21	µg/L	EPA 515.3	0.09	1			
2016/17-6	Lab	LCS, rec	5/23/2017	Pesticide	3,5-Dichlorobenzoic acid	n/a	=	103	%	EPA 515.3	-88	-88	70	130	
2016/17-6	Lab	method blank	5/24/2017	Pesticide	3,5-Dichlorobenzoic acid	n/a	<	0.09	µg/L	EPA 515.3	0.09	1			
2016/17-6	Lab	LCS	5/24/2017	Pesticide	3,5-Dichlorobenzoic acid	n/a	=	8.36	µg/L	EPA 515.3	0.09	1			
2016/17-6	Lab	LCS, rec	5/24/2017	Pesticide	3,5-Dichlorobenzoic acid	n/a	=	104	%	EPA 515.3	-88	-88	70	130	
2016/17-6	Lab	method blank	5/25/2017	Pesticide	3,5-Dichlorobenzoic acid	n/a	<	0.09	µg/L	EPA 515.3	0.09	1			
2016/17-6	Lab	LCS	5/25/2017	Pesticide	3,5-Dichlorobenzoic acid	n/a	=	8.71	µg/L	EPA 515.3	0.09	1			
2016/17-6	Lab	LCS, rec	5/25/2017	Pesticide	3,5-Dichlorobenzoic acid	n/a	=	109	%	EPA 515.3	-88	-88	70	130	
2016/17-6	000NONPJ	matrix spike	5/19/2017	Pesticide	4,4'-DDD	n/a	DNQ	0.0967	µg/L	EPA 608	0.006	0.1			
2016/17-6	000NONPJ	matrix spike, rec	5/19/2017	Pesticide	4,4'-DDD	n/a	=	97	%	EPA 608	-88	-88	23	124	
2016/17-6	000NONPJ	matrix spike dup	5/19/2017	Pesticide	4,4'-DDD	n/a	DNQ	0.0922	µg/L	EPA 608	0.006	0.1			
2016/17-6	000NONPJ	matrix spike dup, rec	5/19/2017	Pesticide	4,4'-DDD	n/a	=	92	%	EPA 608	-88	-88	23	124	
2016/17-6	000NONPJ	matrix spike, RPD	5/19/2017	Pesticide	4,4'-DDD	n/a	=	5	%	EPA 608	-88	-88	0	30	
2016/17-6	Lab	method blank	5/18/2017	Pesticide	4,4'-DDD	n/a	<	0.003	µg/L	EPA 608	0.003	0.05			
2016/17-6	Lab	LCS	5/19/2017	Pesticide	4,4'-DDD	n/a	=	0.116	µg/L	EPA 608	0.003	0.05			
2016/17-6	Lab	LCS, rec	5/19/2017	Pesticide	4,4'-DDD	n/a	=	116	%	EPA 608	-88	-88	42	133	
2016/17-6	Lab	method blank	6/2/2017	Pesticide	4,4'-DDD	n/a	<	0.003	µg/L	EPA 608	0.003	0.005			
2016/17-6	Lab	LCS	6/2/2017	Pesticide	4,4'-DDD	n/a	=	0.0947	µg/L	EPA 608	0.003	0.005			
2016/17-6	Lab	LCS, rec	6/2/2017	Pesticide	4,4'-DDD	n/a	=	95	%	EPA 608	-88	-88	42	133	
2016/17-6	Lab	LCS dup	6/2/2017	Pesticide	4,4'-DDD	n/a	=	0.095	µg/L	EPA 608	0.003	0.005			
2016/17-6	Lab	LCS dup, rec	6/2/2017	Pesticide	4,4'-DDD	n/a	=	95	%	EPA 608	-88	-88	42	133	
2016/17-6	Lab	LCS, RPD	6/2/2017	Pesticide	4,4'-DDD	n/a	=	0.4	%	EPA 608	-88	-88	0	30	
2016/17-6	Lab	method blank	6/6/2017	Pesticide	4,4'-DDD	n/a	<	0.003	µg/L	EPA 608	0.003	0.05			
2016/17-6	Lab	LCS	6/6/2017	Pesticide	4,4'-DDD	n/a	=	0.104	µg/L	EPA 608	0.003	0.05			
2016/17-6	Lab	LCS, rec	6/6/2017	Pesticide	4,4'-DDD	n/a	=	104	%	EPA 608	-88	-88	42	133	
2016/17-6	Lab	LCS dup	6/6/2017	Pesticide	4,4'-DDD	n/a	=	0.108	µg/L	EPA 608	0.003	0.05			
2016/17-6	Lab	LCS dup, rec	6/6/2017	Pesticide	4,4'-DDD	n/a	=	108	%	EPA 608	-88	-88	42	133	
2016/17-6	Lab	LCS, RPD	6/6/2017	Pesticide	4,4'-DDD	n/a	=	3	%	EPA 608	-88	-88	0	30	
2016/17-6	000NONPJ	matrix spike	5/19/2017	Pesticide	4,4'-DDE	n/a	DNQ	0.0896	µg/L	EPA 608	0.005	0.1			
2016/17-6	000NONPJ	matrix spike, rec	5/19/2017	Pesticide	4,4'-DDE	n/a	=	90	%	EPA 608	-88	-88	30	114	
2016/17-6	000NONPJ	matrix spike dup	5/19/2017	Pesticide	4,4'-DDE	n/a	DNQ	0.0849	µg/L	EPA 608	0.005	0.1			
2016/17-6	000NONPJ	matrix spike dup, rec	5/19/2017	Pesticide	4,4'-DDE	n/a	=	85	%	EPA 608	-88	-88	30	114	
2016/17-6	000NONPJ	matrix spike, RPD	5/19/2017	Pesticide	4,4'-DDE	n/a	=	5	%	EPA 608	-88	-88	0	30	
2016/17-6	Lab	method blank	5/18/2017	Pesticide	4,4'-DDE	n/a	<	0.0025	µg/L	EPA 608	0.0025	0.05			
2016/17-6	Lab	LCS	5/19/2017	Pesticide	4,4'-DDE	n/a	=	0.109	µg/L	EPA 608	0.0025	0.05			
2016/17-6	Lab	LCS, rec	5/19/2017	Pesticide	4,4'-DDE	n/a	=	109	%	EPA 608	-88	-88	33	126	
2016/17-6	Lab	method blank	6/2/2017	Pesticide	4,4'-DDE	n/a	<	0.0025	µg/L	EPA 608	0.0025	0.005			
2016/17-6	Lab	LCS	6/2/2017	Pesticide	4,4'-DDE	n/a	=	0.0878	µg/L	EPA 608	0.0025	0.005			
2016/17-6	Lab	LCS, rec	6/2/2017	Pesticide	4,4'-DDE	n/a	=	88	%	EPA 608	-88	-88	33	126	
2016/17-6	Lab	LCS dup	6/2/2017	Pesticide	4,4'-DDE	n/a	=	0.0873	µg/L	EPA 608	0.0025	0.005			
2016/17-6	Lab	LCS dup, rec	6/2/2017	Pesticide	4,4'-DDE	n/a	=	87	%	EPA 608	-88	-88	33	126	

Appendix F
Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2016/17-6	Lab	LCS, RPD	6/2/2017	Pesticide	4,4'-DDE	n/a	=	0.6	%	EPA 608	-88	-88	0	30	
2016/17-6	Lab	method blank	6/6/2017	Pesticide	4,4'-DDE	n/a	<	0.0025	µg/L	EPA 608	0.0025	0.05			
2016/17-6	Lab	LCS	6/6/2017	Pesticide	4,4'-DDE	n/a	=	0.0988	µg/L	EPA 608	0.0025	0.05			
2016/17-6	Lab	LCS, rec	6/6/2017	Pesticide	4,4'-DDE	n/a	=	99	%	EPA 608	-88	-88	33	126	
2016/17-6	Lab	LCS dup	6/6/2017	Pesticide	4,4'-DDE	n/a	=	0.106	µg/L	EPA 608	0.0025	0.05			
2016/17-6	Lab	LCS dup, rec	6/6/2017	Pesticide	4,4'-DDE	n/a	=	106	%	EPA 608	-88	-88	33	126	
2016/17-6	Lab	LCS, RPD	6/6/2017	Pesticide	4,4'-DDE	n/a	=	7	%	EPA 608	-88	-88	0	30	
2016/17-6	000NONPJ	matrix spike	5/19/2017	Pesticide	4,4'-DDT	n/a	=	0.0927	µg/L	EPA 608	0.0062	0.02			
2016/17-6	000NONPJ	matrix spike, rec	5/19/2017	Pesticide	4,4'-DDT	n/a	=	93	%	EPA 608	-88	-88	11	151	
2016/17-6	000NONPJ	matrix spike dup	5/19/2017	Pesticide	4,4'-DDT	n/a	=	0.0884	µg/L	EPA 608	0.0062	0.02			
2016/17-6	000NONPJ	matrix spike dup, rec	5/19/2017	Pesticide	4,4'-DDT	n/a	=	88	%	EPA 608	-88	-88	11	151	
2016/17-6	000NONPJ	matrix spike, RPD	5/19/2017	Pesticide	4,4'-DDT	n/a	=	5	%	EPA 608	-88	-88	0	30	
2016/17-6	Lab	method blank	5/18/2017	Pesticide	4,4'-DDT	n/a	<	0.0031	µg/L	EPA 608	0.0031	0.01			
2016/17-6	Lab	LCS	5/19/2017	Pesticide	4,4'-DDT	n/a	=	0.106	µg/L	EPA 608	0.0031	0.01			
2016/17-6	Lab	LCS, rec	5/19/2017	Pesticide	4,4'-DDT	n/a	=	106	%	EPA 608	-88	-88	35	147	
2016/17-6	Lab	method blank	6/2/2017	Pesticide	4,4'-DDT	n/a	<	0.0031	µg/L	EPA 608	0.0031	0.01			
2016/17-6	Lab	LCS	6/2/2017	Pesticide	4,4'-DDT	n/a	=	0.0947	µg/L	EPA 608	0.0031	0.01			
2016/17-6	Lab	LCS, rec	6/2/2017	Pesticide	4,4'-DDT	n/a	=	95	%	EPA 608	-88	-88	35	147	
2016/17-6	Lab	LCS dup	6/2/2017	Pesticide	4,4'-DDT	n/a	=	0.094	µg/L	EPA 608	0.0031	0.01			
2016/17-6	Lab	LCS dup, rec	6/2/2017	Pesticide	4,4'-DDT	n/a	=	94	%	EPA 608	-88	-88	35	147	
2016/17-6	Lab	LCS, RPD	6/2/2017	Pesticide	4,4'-DDT	n/a	=	0.8	%	EPA 608	-88	-88	0	30	
2016/17-6	Lab	method blank	6/6/2017	Pesticide	4,4'-DDT	n/a	<	0.0031	µg/L	EPA 608	0.0031	0.01			
2016/17-6	Lab	LCS	6/6/2017	Pesticide	4,4'-DDT	n/a	=	0.105	µg/L	EPA 608	0.0031	0.01			
2016/17-6	Lab	LCS, rec	6/6/2017	Pesticide	4,4'-DDT	n/a	=	105	%	EPA 608	-88	-88	35	147	
2016/17-6	Lab	LCS dup	6/6/2017	Pesticide	4,4'-DDT	n/a	=	0.107	µg/L	EPA 608	0.0031	0.01			
2016/17-6	Lab	LCS dup, rec	6/6/2017	Pesticide	4,4'-DDT	n/a	=	107	%	EPA 608	-88	-88	35	147	
2016/17-6	Lab	LCS, RPD	6/6/2017	Pesticide	4,4'-DDT	n/a	=	2	%	EPA 608	-88	-88	0	30	
2016/17-6	000NONPJ	matrix spike	5/12/2017	Pesticide	Acifluorfen	n/a	=	5.11	µg/L	EPA 515.3	0.06	0.4			
2016/17-6	000NONPJ	matrix spike, rec	5/12/2017	Pesticide	Acifluorfen	n/a	=	128	%	EPA 515.3	-88	-88	70	130	
2016/17-6	000NONPJ	matrix spike dup	5/12/2017	Pesticide	Acifluorfen	n/a	=	4.92	µg/L	EPA 515.3	0.06	0.4			
2016/17-6	000NONPJ	matrix spike dup, rec	5/12/2017	Pesticide	Acifluorfen	n/a	=	123	%	EPA 515.3	-88	-88	70	130	
2016/17-6	000NONPJ	matrix spike, RPD	5/12/2017	Pesticide	Acifluorfen	n/a	=	4	%	EPA 515.3	-88	-88	0	30	
2016/17-6	000NONPJ	matrix spike	5/12/2017	Pesticide	Acifluorfen	n/a	=	4.85	µg/L	EPA 515.3	0.06	0.4			
2016/17-6	000NONPJ	matrix spike, rec	5/12/2017	Pesticide	Acifluorfen	n/a	=	121	%	EPA 515.3	-88	-88	70	130	
2016/17-6	000NONPJ	matrix spike dup	5/12/2017	Pesticide	Acifluorfen	n/a	=	4.98	µg/L	EPA 515.3	0.06	0.4			
2016/17-6	000NONPJ	matrix spike dup, rec	5/12/2017	Pesticide	Acifluorfen	n/a	=	125	%	EPA 515.3	-88	-88	70	130	
2016/17-6	000NONPJ	matrix spike, RPD	5/12/2017	Pesticide	Acifluorfen	n/a	=	3	%	EPA 515.3	-88	-88	0	30	
2016/17-6	000NONPJ	matrix spike	5/23/2017	Pesticide	Acifluorfen	n/a	=	4.38	µg/L	EPA 515.3	0.06	0.4			
2016/17-6	000NONPJ	matrix spike, rec	5/23/2017	Pesticide	Acifluorfen	n/a	=	110	%	EPA 515.3	-88	-88	70	130	
2016/17-6	000NONPJ	matrix spike dup	5/23/2017	Pesticide	Acifluorfen	n/a	=	4.46	µg/L	EPA 515.3	0.06	0.4			
2016/17-6	000NONPJ	matrix spike dup, rec	5/23/2017	Pesticide	Acifluorfen	n/a	=	112	%	EPA 515.3	-88	-88	70	130	
2016/17-6	000NONPJ	matrix spike, RPD	5/23/2017	Pesticide	Acifluorfen	n/a	=	2	%	EPA 515.3	-88	-88	0	30	
2016/17-6	000NONPJ	matrix spike	5/23/2017	Pesticide	Acifluorfen	n/a	=	4.45	µg/L	EPA 515.3	0.06	0.4			
2016/17-6	000NONPJ	matrix spike, rec	5/23/2017	Pesticide	Acifluorfen	n/a	=	111	%	EPA 515.3	-88	-88	70	130	
2016/17-6	000NONPJ	matrix spike dup	5/23/2017	Pesticide	Acifluorfen	n/a	=	4.37	µg/L	EPA 515.3	0.06	0.4			
2016/17-6	000NONPJ	matrix spike dup, rec	5/23/2017	Pesticide	Acifluorfen	n/a	=	109	%	EPA 515.3	-88	-88	70	130	
2016/17-6	000NONPJ	matrix spike, RPD	5/23/2017	Pesticide	Acifluorfen	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	
2016/17-6	000NONPJ	matrix spike	5/25/2017	Pesticide	Acifluorfen	n/a	=	4.52	µg/L	EPA 515.3	0.06	0.4			
2016/17-6	000NONPJ	matrix spike, rec	5/25/2017	Pesticide	Acifluorfen	n/a	=	113	%	EPA 515.3	-88	-88	70	130	
2016/17-6	000NONPJ	matrix spike dup	5/25/2017	Pesticide	Acifluorfen	n/a	=	4.51	µg/L	EPA 515.3	0.06	0.4			
2016/17-6	000NONPJ	matrix spike dup, rec	5/25/2017	Pesticide	Acifluorfen	n/a	=	113	%	EPA 515.3	-88	-88	70	130	
2016/17-6	000NONPJ	matrix spike, RPD	5/25/2017	Pesticide	Acifluorfen	n/a	=	0.09	%	EPA 515.3	-88	-88	0	30	
2016/17-6	Lab	method blank	5/12/2017	Pesticide	Acifluorfen	n/a	<	0.06	µg/L	EPA 515.3	0.06	0.4			
2016/17-6	Lab	LCS	5/12/2017	Pesticide	Acifluorfen	n/a	=	4.81	µg/L	EPA 515.3	0.06	0.4			
2016/17-6	Lab	LCS, rec	5/12/2017	Pesticide	Acifluorfen	n/a	=	120	%	EPA 515.3	-88	-88	70	130	
2016/17-6	Lab	method blank	5/23/2017	Pesticide	Acifluorfen	n/a	<	0.06	µg/L	EPA 515.3	0.06	0.4			
2016/17-6	Lab	LCS	5/23/2017	Pesticide	Acifluorfen	n/a	=	4.48	µg/L	EPA 515.3	0.06	0.4			
2016/17-6	Lab	LCS, rec	5/23/2017	Pesticide	Acifluorfen	n/a	=	112	%	EPA 515.3	-88	-88	70	130	
2016/17-6	Lab	method blank	5/23/2017	Pesticide	Acifluorfen	n/a	<	0.06	µg/L	EPA 515.3	0.06	0.4			
2016/17-6	Lab	LCS	5/23/2017	Pesticide	Acifluorfen	n/a	=	4.43	µg/L	EPA 515.3	0.06	0.4			
2016/17-6	Lab	LCS, rec	5/23/2017	Pesticide	Acifluorfen	n/a	=	111	%	EPA 515.3	-88	-88	70	130	
2016/17-6	Lab	method blank	5/24/2017	Pesticide	Acifluorfen	n/a	<	0.06	µg/L	EPA 515.3	0.06	0.4			
2016/17-6	Lab	LCS	5/24/2017	Pesticide	Acifluorfen	n/a	=	4.27	µg/L	EPA 515.3	0.06	0.4			
2016/17-6	Lab	LCS, rec	5/24/2017	Pesticide	Acifluorfen	n/a	=	107	%	EPA 515.3	-88	-88	70	130	
2016/17-6	Lab	method blank	5/25/2017	Pesticide	Acifluorfen	n/a	<	0.06	µg/L	EPA 515.3	0.06	0.4			
2016/17-6	Lab	LCS	5/25/2017	Pesticide	Acifluorfen	n/a	=	4.42	µg/L	EPA 515.3	0.06	0.4			
2016/17-6	Lab	LCS, rec	5/25/2017	Pesticide	Acifluorfen	n/a	=	111	%	EPA 515.3	-88	-88	70	130	
2016/17-6	Lab	method blank	5/5/2017	Pesticide	Alachlor	n/a	<	0.022	µg/L	EPA 525.2	0.022	0.1			
2016/17-6	Lab	LCS	5/5/2017	Pesticide	Alachlor	n/a	=	5.81	µg/L	EPA 525.2	0.022	0.1			
2016/17-6	Lab	LCS, rec	5/5/2017	Pesticide	Alachlor	n/a	=	116	%	EPA 525.2	-88	-88	55	124	
2016/17-6	Lab	LCS dup	5/5/2017	Pesticide	Alachlor	n/a	=	5.79	µg/L	EPA 525.2	0.022	0.1			
2016/17-6	Lab	LCS dup, rec	5/5/2017	Pesticide	Alachlor	n/a	=	116	%	EPA 525.2	-88	-88	55	124	
2016/17-6	Lab	LCS, RPD	5/5/2017	Pesticide	Alachlor	n/a	=	0.3	%	EPA 525.2	-88	-88	0	30	
2016/17-6	Lab	method blank	5/24/2017	Pesticide	Alachlor	n/a	<	0.022	µg/L	EPA 525.2	0.022	0.1			
2016/17-6	Lab	LCS	5/24/2017	Pesticide	Alachlor	n/a	=	5.5	µg/L	EPA 525.2	0.022	0.1			
2016/17-6	Lab	LCS, rec	5/24/2017	Pesticide	Alachlor	n/a	=	110	%	EPA 525.2	-88	-88	55	124	
2016/17-6	Lab	LCS dup	5/24/2017	Pesticide	Alachlor	n/a	=	5.6	µg/L	EPA 525.2	0.022	0.1			
2016/17-6	Lab	LCS dup, rec	5/24/2017	Pesticide	Alachlor	n/a	=	112	%	EPA 525.2	-88	-88	55	124	
2016/17-6	Lab	LCS, RPD	5/24/2017	Pesticide	Alachlor	n/a	=	2	%	EPA 525.2	-88	-88	0	30	
2016/17-6	Lab	method blank	6/15/2017	Pesticide	Alachlor	n/a	<	0.022	µg/L	EPA 525.2	0.022	0.1			
2016/17-6	Lab	LCS	6/15/2017	Pesticide	Alachlor	n/a	=	5.94	µg/L	EPA 525.2	0.022	0.1			
2016/17-6	Lab	LCS, rec	6/15/2017	Pesticide	Alachlor	n/a	=	119	%	EPA 525.2	-88	-88	55	124	
2016/17-6	Lab	LCS dup	6/15/2017	Pesticide	Alachlor	n/a	=	5.91	µg/L	EPA 525.2	0.022	0.1			
2016/17-6	Lab	LCS dup, rec	6/15/2017	Pesticide	Alachlor	n/a	=	118	%	EPA 525.2	-88	-88	55	124	
2016/17-6	Lab	LCS, RPD	6/15/2017	Pesticide	Alachlor	n/a	=	0.5	%	EPA 525.2	-88	-88	0	30	
2016/17-6	000NONPJ	matrix spike	5/19/2017	Pesticide	Aldrin	n/a	=	0.0797	µg/L	EPA 608	0.003	0.01			
2016/17-6	000NONPJ	matrix spike, rec	5/19/2017	Pesticide	Aldrin	n/a	=	80	%	EPA 608	-88	-88	18	110	
2016/17-6	000NONPJ	matrix spike dup	5/19/2017	Pesticide	Aldrin	n/a	=	0.0749	µg/L	EPA 608	0.003	0.01			
2016/17-6	000NONPJ	matrix spike dup, rec	5/19/2017	Pesticide	Aldrin	n/a	=	75	%	EPA 608	-88	-88	18	110	
2016/17-6	000NONPJ	matrix spike, RPD	5/19/2017	Pesticide	Aldrin	n/a	=	6	%	EPA 608	-88	-88	0	30	
2016/17-6	Lab	method blank	5/18/2017	Pesticide	Aldrin	n/a	<	0.0015	µg/L	EPA 608	0.0015	0.005			
2016/17-6	Lab	LCS	5/19/2017	Pesticide	Aldrin	n/a	=	0.0977	µg/L	EPA 608	0.0015	0.005			
2016/17-6	Lab	LCS, rec	5/19/2017	Pesticide	Aldrin	n/a	=	98	%	EPA 608	-88	-88	18	117	
2016/17-6	Lab	method blank	6/2/2017	Pesticide	Aldrin	n/a	<	0.0015	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	
2016/17-6	Lab	LCS	6/2/2017	Pesticide	Aldrin	n/a	=	0.0868	µg/L	EPA 608	0.0015	0.005			
2016/17-6	Lab	LCS, rec	6/2/2017	Pesticide	Aldrin	n/a	=	87	%	EPA 608	-88	-88	18	117	
2016/17-6	Lab	LCS dup	6/2/2017	Pesticide	Aldrin	n/a	=	0.0819	µg/L	EPA 608	0.0015	0.005			
2016/17-6	Lab	LCS dup, rec	6/2/2017	Pesticide	Aldrin	n/a	=	82	%	EPA 608	-88	-88	18	117	
2016/17-6	Lab	LCS, RPD	6/2/2017	Pesticide	Aldrin	n/a	=	6	%	EPA 608	-88	-88	0	30	
2016/17-6	Lab	method blank	6/6/2017	Pesticide	Aldrin	n/a	<	0.0015	µg/L	EPA 608	0.0015	0.005			
2016/17-6	Lab	LCS	6/6/2017	Pesticide	Aldrin	n/a	=	0.0945	µg/L	EPA 608	0.0015	0.005			
2016/17-6	Lab	LCS, rec	6/6/2017	Pesticide	Aldrin	n/a	=	95	%	EPA 608	-88	-88	18	117	
2016/17-6	Lab	LCS dup	6/6/2017	Pesticide	Aldrin	n/a	=	0.0997	µg/L	EPA 608	0.0015	0.005			
2016/17-6	Lab	LCS dup, rec	6/6/2017	Pesticide	Aldrin	n/a	=	100	%	EPA 608	-88	-88	18	117	
2016/17-6	Lab	LCS, RPD	6/6/2017	Pesticide	Aldrin	n/a	=	5	%	EPA 608	-88	-88	0	30	
2016/17-6	000NONPJ	matrix spike	5/19/2017	Pesticide	alpha-BHC	n/a	=	0.0757	µg/L	EPA 608	0.0036	0.02			
2016/17-6	000NONPJ	matrix spike, rec	5/19/2017	Pesticide	alpha-BHC	n/a	=	76	%	EPA 608	-88	-88	43	114	
2016/17-6	000NONPJ	matrix spike dup	5/19/2017	Pesticide	alpha-BHC	n/a	=	0.0714	µg/L	EPA 608	0.0036	0.02			
2016/17-6	000NONPJ	matrix spike dup, rec	5/19/2017	Pesticide	alpha-BHC	n/a	=	71	%	EPA 608	-88	-88	43	114	
2016/17-6	000NONPJ	matrix spike, RPD	5/19/2017	Pesticide	alpha-BHC	n/a	=	6	%	EPA 608	-88	-88	0	30	
2016/17-6	Lab	method blank	5/18/2017	Pesticide	alpha-BHC	n/a	<	0.0018	µg/L	EPA 608	0.0018	0.01			
2016/17-6	Lab	LCS	5/19/2017	Pesticide	alpha-BHC	n/a	=	0.0918	µg/L	EPA 608	0.0018	0.01			
2016/17-6	Lab	LCS, rec	5/19/2017	Pesticide	alpha-BHC	n/a	=	92	%	EPA 608	-88	-88	47	119	
2016/17-6	Lab	method blank	6/2/2017	Pesticide	alpha-BHC	n/a	<	0.0018	µg/L	EPA 608	0.0018	0.01			
2016/17-6	Lab	LCS	6/2/2017	Pesticide	alpha-BHC	n/a	=	0.0819	µg/L	EPA 608	0.0018	0.01			
2016/17-6	Lab	LCS, rec	6/2/2017	Pesticide	alpha-BHC	n/a	=	82	%	EPA 608	-88	-88	47	119	
2016/17-6	Lab	LCS dup	6/2/2017	Pesticide	alpha-BHC	n/a	=	0.0802	µg/L	EPA 608	0.0018	0.01			
2016/17-6	Lab	LCS dup, rec	6/2/2017	Pesticide	alpha-BHC	n/a	=	80	%	EPA 608	-88	-88	47	119	
2016/17-6	Lab	LCS, RPD	6/2/2017	Pesticide	alpha-BHC	n/a	=	2	%	EPA 608	-88	-88	0	30	
2016/17-6	Lab	method blank	6/6/2017	Pesticide	alpha-BHC	n/a	<	0.0018	µg/L	EPA 608	0.0018	0.01			
2016/17-6	Lab	LCS	6/6/2017	Pesticide	alpha-BHC	n/a	=	0.0903	µg/L	EPA 608	0.0018	0.01			
2016/17-6	Lab	LCS, rec	6/6/2017	Pesticide	alpha-BHC	n/a	=	90	%	EPA 608	-88	-88	47	119	
2016/17-6	Lab	LCS dup	6/6/2017	Pesticide	alpha-BHC	n/a	=	0.0931	µg/L	EPA 608	0.0018	0.01			
2016/17-6	Lab	LCS dup, rec	6/6/2017	Pesticide	alpha-BHC	n/a	=	93	%	EPA 608	-88	-88	47	119	
2016/17-6	Lab	LCS, RPD	6/6/2017	Pesticide	alpha-BHC	n/a	=	3	%	EPA 608	-88	-88	0	30	
2016/17-6	Lab	method blank	5/18/2017	Pesticide	alpha-Chlordane	n/a	<	0.0041	µg/L	EPA 608	0.0041	0.01			
2016/17-6	Lab	method blank	6/2/2017	Pesticide	alpha-Chlordane	n/a	<	0.0041	µg/L	EPA 608	0.0041	0.01			
2016/17-6	Lab	method blank	6/6/2017	Pesticide	alpha-Chlordane	n/a	<	0.0041	µg/L	EPA 608	0.0041	0.01			
2016/17-6	Lab	method blank	5/5/2017	Pesticide	Atrazine	n/a	<	0.034	µg/L	EPA 525.2	0.034	0.1			
2016/17-6	Lab	LCS	5/5/2017	Pesticide	Atrazine	n/a	=	5.4	µg/L	EPA 525.2	0.034	0.1			
2016/17-6	Lab	LCS, rec	5/5/2017	Pesticide	Atrazine	n/a	=	108	%	EPA 525.2	-88	-88	67	131	
2016/17-6	Lab	LCS dup	5/5/2017	Pesticide	Atrazine	n/a	=	5.39	µg/L	EPA 525.2	0.034	0.1			
2016/17-6	Lab	LCS dup, rec	5/5/2017	Pesticide	Atrazine	n/a	=	108	%	EPA 525.2	-88	-88	67	131	
2016/17-6	Lab	LCS, RPD	5/5/2017	Pesticide	Atrazine	n/a	=	0.3	%	EPA 525.2	-88	-88	0	30	
2016/17-6	Lab	method blank	5/24/2017	Pesticide	Atrazine	n/a	<	0.034	µg/L	EPA 525.2	0.034	0.1			
2016/17-6	Lab	LCS	5/24/2017	Pesticide	Atrazine	n/a	=	5.23	µg/L	EPA 525.2	0.034	0.1			
2016/17-6	Lab	LCS, rec	5/24/2017	Pesticide	Atrazine	n/a	=	105	%	EPA 525.2	-88	-88	67	131	
2016/17-6	Lab	LCS dup	5/24/2017	Pesticide	Atrazine	n/a	=	5.4	µg/L	EPA 525.2	0.034	0.1			
2016/17-6	Lab	LCS dup, rec	5/24/2017	Pesticide	Atrazine	n/a	=	108	%	EPA 525.2	-88	-88	67	131	
2016/17-6	Lab	LCS, RPD	5/24/2017	Pesticide	Atrazine	n/a	=	3	%	EPA 525.2	-88	-88	0	30	
2016/17-6	Lab	method blank	6/15/2017	Pesticide	Atrazine	n/a	<	0.034	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	
2016/17-6	Lab	LCS	6/15/2017	Pesticide	Atrazine	n/a	=	5.83	µg/L	EPA 525.2	0.034	0.1			
2016/17-6	Lab	LCS, rec	6/15/2017	Pesticide	Atrazine	n/a	=	117	%	EPA 525.2	-88	-88	67	131	
2016/17-6	Lab	LCS dup	6/15/2017	Pesticide	Atrazine	n/a	=	5.64	µg/L	EPA 525.2	0.034	0.1			
2016/17-6	Lab	LCS dup, rec	6/15/2017	Pesticide	Atrazine	n/a	=	113	%	EPA 525.2	-88	-88	67	131	
2016/17-6	Lab	LCS, RPD	6/15/2017	Pesticide	Atrazine	n/a	=	3	%	EPA 525.2	-88	-88	0	30	
2016/17-6	000NONPJ	matrix spike	5/16/2017	Pesticide	Azinphos methyl	n/a	=	0.0811	µg/L	EPA 525.2m	0.0055	0.01			GB
2016/17-6	000NONPJ	matrix spike, rec	5/16/2017	Pesticide	Azinphos methyl	n/a	=	162	%	EPA 525.2m	-88	-88	0.1	154	GB
2016/17-6	000NONPJ	matrix spike dup	5/16/2017	Pesticide	Azinphos methyl	n/a	=	0.081	µg/L	EPA 525.2m	0.0055	0.01			GB
2016/17-6	000NONPJ	matrix spike dup, rec	5/16/2017	Pesticide	Azinphos methyl	n/a	=	162	%	EPA 525.2m	-88	-88	0.1	154	GB
2016/17-6	000NONPJ	matrix spike, RPD	5/16/2017	Pesticide	Azinphos methyl	n/a	=	0.1	%	EPA 525.2m	-88	-88	0	30	
2016/17-6	000NONPJ	matrix spike	5/24/2017	Pesticide	Azinphos methyl	n/a	=	0.0614	µg/L	EPA 525.2m	0.0055	0.01			
2016/17-6	000NONPJ	matrix spike, rec	5/24/2017	Pesticide	Azinphos methyl	n/a	=	123	%	EPA 525.2m	-88	-88	0.1	154	
2016/17-6	000NONPJ	matrix spike dup	5/24/2017	Pesticide	Azinphos methyl	n/a	=	0.063	µg/L	EPA 525.2m	0.0055	0.01			
2016/17-6	000NONPJ	matrix spike dup, rec	5/24/2017	Pesticide	Azinphos methyl	n/a	=	126	%	EPA 525.2m	-88	-88	0.1	154	
2016/17-6	000NONPJ	matrix spike, RPD	5/24/2017	Pesticide	Azinphos methyl	n/a	=	3	%	EPA 525.2m	-88	-88	0	30	
2016/17-6	000NONPJ	matrix spike	5/25/2017	Pesticide	Azinphos methyl	n/a	=	0.0556	µg/L	EPA 525.2m	0.0055	0.01			
2016/17-6	000NONPJ	matrix spike, rec	5/25/2017	Pesticide	Azinphos methyl	n/a	=	111	%	EPA 525.2m	-88	-88	0.1	154	
2016/17-6	000NONPJ	matrix spike dup	5/25/2017	Pesticide	Azinphos methyl	n/a	=	0.0567	µg/L	EPA 525.2m	0.0055	0.01			
2016/17-6	000NONPJ	matrix spike dup, rec	5/25/2017	Pesticide	Azinphos methyl	n/a	=	113	%	EPA 525.2m	-88	-88	0.1	154	
2016/17-6	000NONPJ	matrix spike, RPD	5/25/2017	Pesticide	Azinphos methyl	n/a	=	2	%	EPA 525.2m	-88	-88	0	30	
2016/17-6	Lab	method blank	5/16/2017	Pesticide	Azinphos methyl	n/a	<	0.0055	µg/L	EPA 525.2m	0.0055	0.01			
2016/17-6	Lab	LCS	5/16/2017	Pesticide	Azinphos methyl	n/a	=	0.0467	µg/L	EPA 525.2m	0.0055	0.01			
2016/17-6	Lab	LCS, rec	5/16/2017	Pesticide	Azinphos methyl	n/a	=	93	%	EPA 525.2m	-88	-88	0.1	188	
2016/17-6	Lab	method blank	5/24/2017	Pesticide	Azinphos methyl	n/a	<	0.0055	µg/L	EPA 525.2m	0.0055	0.01			
2016/17-6	Lab	LCS	5/24/2017	Pesticide	Azinphos methyl	n/a	=	0.0521	µg/L	EPA 525.2m	0.0055	0.01			
2016/17-6	Lab	LCS, rec	5/24/2017	Pesticide	Azinphos methyl	n/a	=	104	%	EPA 525.2m	-88	-88	0.1	188	
2016/17-6	Lab	method blank	5/25/2017	Pesticide	Azinphos methyl	n/a	<	0.0055	µg/L	EPA 525.2m	0.0055	0.01			
2016/17-6	Lab	LCS	5/25/2017	Pesticide	Azinphos methyl	n/a	=	0.055	µg/L	EPA 525.2m	0.0055	0.01			
2016/17-6	Lab	LCS, rec	5/25/2017	Pesticide	Azinphos methyl	n/a	=	110	%	EPA 525.2m	-88	-88	0.1	188	
2016/17-6	000NONPJ	matrix spike	5/12/2017	Pesticide	Bentazon	n/a	=	20.1	µg/L	EPA 515.3	0.11	2			
2016/17-6	000NONPJ	matrix spike, rec	5/12/2017	Pesticide	Bentazon	n/a	=	126	%	EPA 515.3	-88	-88	70	130	
2016/17-6	000NONPJ	matrix spike dup	5/12/2017	Pesticide	Bentazon	n/a	=	20.6	µg/L	EPA 515.3	0.11	2			
2016/17-6	000NONPJ	matrix spike dup, rec	5/12/2017	Pesticide	Bentazon	n/a	=	129	%	EPA 515.3	-88	-88	70	130	
2016/17-6	000NONPJ	matrix spike, RPD	5/12/2017	Pesticide	Bentazon	n/a	=	3	%	EPA 515.3	-88	-88	0	30	
2016/17-6	000NONPJ	matrix spike	5/12/2017	Pesticide	Bentazon	n/a	=	19.4	µg/L	EPA 515.3	0.11	2			
2016/17-6	000NONPJ	matrix spike, rec	5/12/2017	Pesticide	Bentazon	n/a	=	121	%	EPA 515.3	-88	-88	70	130	
2016/17-6	000NONPJ	matrix spike dup	5/12/2017	Pesticide	Bentazon	n/a	=	19.6	µg/L	EPA 515.3	0.11	2			
2016/17-6	000NONPJ	matrix spike dup, rec	5/12/2017	Pesticide	Bentazon	n/a	=	122	%	EPA 515.3	-88	-88	70	130	
2016/17-6	000NONPJ	matrix spike, RPD	5/12/2017	Pesticide	Bentazon	n/a	=	0.9	%	EPA 515.3	-88	-88	0	30	
2016/17-6	000NONPJ	matrix spike	5/23/2017	Pesticide	Bentazon	n/a	=	16.7	µg/L	EPA 515.3	0.11	2			
2016/17-6	000NONPJ	matrix spike, rec	5/23/2017	Pesticide	Bentazon	n/a	=	104	%	EPA 515.3	-88	-88	70	130	
2016/17-6	000NONPJ	matrix spike dup	5/23/2017	Pesticide	Bentazon	n/a	=	16.9	µg/L	EPA 515.3	0.11	2			
2016/17-6	000NONPJ	matrix spike dup, rec	5/23/2017	Pesticide	Bentazon	n/a	=	105	%	EPA 515.3	-88	-88	70	130	
2016/17-6	000NONPJ	matrix spike, RPD	5/23/2017	Pesticide	Bentazon	n/a	=	1	%	EPA 515.3	-88	-88	0	30	
2016/17-6	000NONPJ	matrix spike	5/23/2017	Pesticide	Bentazon	n/a	=	14.9	µg/L	EPA 515.3	0.11	2			
2016/17-6	000NONPJ	matrix spike, rec	5/23/2017	Pesticide	Bentazon	n/a	=	93	%	EPA 515.3	-88	-88	70	130	
2016/17-6	000NONPJ	matrix spike dup	5/23/2017	Pesticide	Bentazon	n/a	=	14.7	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	
2016/17-6	000NONPJ	matrix spike dup, rec	5/23/2017	Pesticide	Bentazon	n/a	=	92	%	EPA 515.3	-88	-88	70	130	
2016/17-6	000NONPJ	matrix spike, RPD	5/23/2017	Pesticide	Bentazon	n/a	=	1	%	EPA 515.3	-88	-88	0	30	
2016/17-6	000NONPJ	matrix spike	5/25/2017	Pesticide	Bentazon	n/a	=	17.2	µg/L	EPA 515.3	0.11	2			
2016/17-6	000NONPJ	matrix spike, rec	5/25/2017	Pesticide	Bentazon	n/a	=	107	%	EPA 515.3	-88	-88	70	130	
2016/17-6	000NONPJ	matrix spike dup	5/25/2017	Pesticide	Bentazon	n/a	=	18.1	µg/L	EPA 515.3	0.11	2			
2016/17-6	000NONPJ	matrix spike dup, rec	5/25/2017	Pesticide	Bentazon	n/a	=	113	%	EPA 515.3	-88	-88	70	130	
2016/17-6	000NONPJ	matrix spike, RPD	5/25/2017	Pesticide	Bentazon	n/a	=	5	%	EPA 515.3	-88	-88	0	30	
2016/17-6	Lab	method blank	5/12/2017	Pesticide	Bentazon	n/a	<	0.11	µg/L	EPA 515.3	0.11	2			
2016/17-6	Lab	LCS	5/12/2017	Pesticide	Bentazon	n/a	=	19.4	µg/L	EPA 515.3	0.11	2			
2016/17-6	Lab	LCS, rec	5/12/2017	Pesticide	Bentazon	n/a	=	121	%	EPA 515.3	-88	-88	70	130	
2016/17-6	Lab	method blank	5/23/2017	Pesticide	Bentazon	n/a	<	0.11	µg/L	EPA 515.3	0.11	2			
2016/17-6	Lab	LCS	5/23/2017	Pesticide	Bentazon	n/a	=	16.5	µg/L	EPA 515.3	0.11	2			
2016/17-6	Lab	LCS, rec	5/23/2017	Pesticide	Bentazon	n/a	=	103	%	EPA 515.3	-88	-88	70	130	
2016/17-6	Lab	method blank	5/23/2017	Pesticide	Bentazon	n/a	<	0.11	µg/L	EPA 515.3	0.11	2			
2016/17-6	Lab	LCS	5/23/2017	Pesticide	Bentazon	n/a	=	16.6	µg/L	EPA 515.3	0.11	2			
2016/17-6	Lab	LCS, rec	5/23/2017	Pesticide	Bentazon	n/a	=	104	%	EPA 515.3	-88	-88	70	130	
2016/17-6	Lab	method blank	5/24/2017	Pesticide	Bentazon	n/a	<	0.11	µg/L	EPA 515.3	0.11	2			
2016/17-6	Lab	LCS	5/24/2017	Pesticide	Bentazon	n/a	=	16.3	µg/L	EPA 515.3	0.11	2			
2016/17-6	Lab	LCS, rec	5/24/2017	Pesticide	Bentazon	n/a	=	102	%	EPA 515.3	-88	-88	70	130	
2016/17-6	Lab	method blank	5/25/2017	Pesticide	Bentazon	n/a	<	0.11	µg/L	EPA 515.3	0.11	2			
2016/17-6	Lab	LCS	5/25/2017	Pesticide	Bentazon	n/a	=	17	µg/L	EPA 515.3	0.11	2			
2016/17-6	Lab	LCS, rec	5/25/2017	Pesticide	Bentazon	n/a	=	106	%	EPA 515.3	-88	-88	70	130	
2016/17-6	000NONPJ	matrix spike	5/19/2017	Pesticide	beta-BHC	n/a	=	0.0924	µg/L	EPA 608	0.0062	0.01			
2016/17-6	000NONPJ	matrix spike, rec	5/19/2017	Pesticide	beta-BHC	n/a	=	92	%	EPA 608	-88	-88	24	135	
2016/17-6	000NONPJ	matrix spike dup	5/19/2017	Pesticide	beta-BHC	n/a	=	0.0853	µg/L	EPA 608	0.0062	0.01			
2016/17-6	000NONPJ	matrix spike dup, rec	5/19/2017	Pesticide	beta-BHC	n/a	=	85	%	EPA 608	-88	-88	24	135	
2016/17-6	000NONPJ	matrix spike, RPD	5/19/2017	Pesticide	beta-BHC	n/a	=	8	%	EPA 608	-88	-88	0	30	
2016/17-6	Lab	method blank	5/18/2017	Pesticide	beta-BHC	n/a	<	0.0031	µg/L	EPA 608	0.0031	0.005			
2016/17-6	Lab	LCS	5/19/2017	Pesticide	beta-BHC	n/a	=	0.112	µg/L	EPA 608	0.0031	0.005			
2016/17-6	Lab	LCS, rec	5/19/2017	Pesticide	beta-BHC	n/a	=	112	%	EPA 608	-88	-88	53	123	
2016/17-6	Lab	method blank	6/2/2017	Pesticide	beta-BHC	n/a	<	0.0031	µg/L	EPA 608	0.0031	0.005			
2016/17-6	Lab	LCS	6/2/2017	Pesticide	beta-BHC	n/a	=	0.0972	µg/L	EPA 608	0.0031	0.005			
2016/17-6	Lab	LCS, rec	6/2/2017	Pesticide	beta-BHC	n/a	=	97	%	EPA 608	-88	-88	53	123	
2016/17-6	Lab	LCS dup	6/2/2017	Pesticide	beta-BHC	n/a	=	0.0936	µg/L	EPA 608	0.0031	0.005			
2016/17-6	Lab	LCS dup, rec	6/2/2017	Pesticide	beta-BHC	n/a	=	94	%	EPA 608	-88	-88	53	123	
2016/17-6	Lab	LCS, RPD	6/2/2017	Pesticide	beta-BHC	n/a	=	4	%	EPA 608	-88	-88	0	30	
2016/17-6	Lab	method blank	6/6/2017	Pesticide	beta-BHC	n/a	<	0.0031	µg/L	EPA 608	0.0031	0.005			
2016/17-6	Lab	LCS	6/6/2017	Pesticide	beta-BHC	n/a	=	0.104	µg/L	EPA 608	0.0031	0.005			
2016/17-6	Lab	LCS, rec	6/6/2017	Pesticide	beta-BHC	n/a	=	104	%	EPA 608	-88	-88	53	123	
2016/17-6	Lab	LCS dup	6/6/2017	Pesticide	beta-BHC	n/a	=	0.106	µg/L	EPA 608	0.0031	0.005			
2016/17-6	Lab	LCS dup, rec	6/6/2017	Pesticide	beta-BHC	n/a	=	106	%	EPA 608	-88	-88	53	123	
2016/17-6	Lab	LCS, RPD	6/6/2017	Pesticide	beta-BHC	n/a	=	2	%	EPA 608	-88	-88	0	30	
2016/17-6	000NONPJ	matrix spike	5/16/2017	Pesticide	Bolstar	n/a	=	0.0255	µg/L	EPA 525.2m	0.0046	0.01			
2016/17-6	000NONPJ	matrix spike, rec	5/16/2017	Pesticide	Bolstar	n/a	=	51	%	EPA 525.2m	-88	-88	4	184	
2016/17-6	000NONPJ	matrix spike dup	5/16/2017	Pesticide	Bolstar	n/a	=	0.0233	µg/L	EPA 525.2m	0.0046	0.01			
2016/17-6	000NONPJ	matrix spike dup, rec	5/16/2017	Pesticide	Bolstar	n/a	=	47	%	EPA 525.2m	-88	-88	4	184	
2016/17-6	000NONPJ	matrix spike, RPD	5/16/2017	Pesticide	Bolstar	n/a	=	9	%	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	
2016/17-6	000NONPJ	matrix spike	5/24/2017	Pesticide	Bolstar	n/a	=	0.048	µg/L	EPA 525.2m	0.0046	0.01			
2016/17-6	000NONPJ	matrix spike, rec	5/24/2017	Pesticide	Bolstar	n/a	=	96	%	EPA 525.2m	-88	-88	4	184	
2016/17-6	000NONPJ	matrix spike dup	5/24/2017	Pesticide	Bolstar	n/a	=	0.0441	µg/L	EPA 525.2m	0.0046	0.01			
2016/17-6	000NONPJ	matrix spike dup, rec	5/24/2017	Pesticide	Bolstar	n/a	=	88	%	EPA 525.2m	-88	-88	4	184	
2016/17-6	000NONPJ	matrix spike, RPD	5/24/2017	Pesticide	Bolstar	n/a	=	9	%	EPA 525.2m	-88	-88	0	30	
2016/17-6	000NONPJ	matrix spike	5/25/2017	Pesticide	Bolstar	n/a	=	0.04	µg/L	EPA 525.2m	0.0046	0.01			
2016/17-6	000NONPJ	matrix spike, rec	5/25/2017	Pesticide	Bolstar	n/a	=	80	%	EPA 525.2m	-88	-88	4	184	
2016/17-6	000NONPJ	matrix spike dup	5/25/2017	Pesticide	Bolstar	n/a	=	0.045	µg/L	EPA 525.2m	0.0046	0.01			
2016/17-6	000NONPJ	matrix spike dup, rec	5/25/2017	Pesticide	Bolstar	n/a	=	90	%	EPA 525.2m	-88	-88	4	184	
2016/17-6	000NONPJ	matrix spike, RPD	5/25/2017	Pesticide	Bolstar	n/a	=	12	%	EPA 525.2m	-88	-88	0	30	
2016/17-6	Lab	method blank	5/16/2017	Pesticide	Bolstar	n/a	<	0.0046	µg/L	EPA 525.2m	0.0046	0.01			
2016/17-6	Lab	LCS	5/16/2017	Pesticide	Bolstar	n/a	=	0.0364	µg/L	EPA 525.2m	0.0046	0.01			
2016/17-6	Lab	LCS, rec	5/16/2017	Pesticide	Bolstar	n/a	=	73	%	EPA 525.2m	-88	-88	11	166	
2016/17-6	Lab	method blank	5/24/2017	Pesticide	Bolstar	n/a	<	0.0046	µg/L	EPA 525.2m	0.0046	0.01			
2016/17-6	Lab	LCS	5/24/2017	Pesticide	Bolstar	n/a	=	0.0394	µg/L	EPA 525.2m	0.0046	0.01			
2016/17-6	Lab	LCS, rec	5/24/2017	Pesticide	Bolstar	n/a	=	79	%	EPA 525.2m	-88	-88	11	166	
2016/17-6	Lab	method blank	5/25/2017	Pesticide	Bolstar	n/a	<	0.0046	µg/L	EPA 525.2m	0.0046	0.01			
2016/17-6	Lab	LCS	5/25/2017	Pesticide	Bolstar	n/a	=	0.0408	µg/L	EPA 525.2m	0.0046	0.01			
2016/17-6	Lab	LCS, rec	5/25/2017	Pesticide	Bolstar	n/a	=	82	%	EPA 525.2m	-88	-88	11	166	
2016/17-6	Lab	method blank	5/5/2017	Pesticide	Bromacil	n/a	<	0.038	µg/L	EPA 525.2	0.038	1			
2016/17-6	Lab	LCS	5/5/2017	Pesticide	Bromacil	n/a	=	5.58	µg/L	EPA 525.2	0.038	1			
2016/17-6	Lab	LCS, rec	5/5/2017	Pesticide	Bromacil	n/a	=	112	%	EPA 525.2	-88	-88	62	139	
2016/17-6	Lab	LCS dup	5/5/2017	Pesticide	Bromacil	n/a	=	5.61	µg/L	EPA 525.2	0.038	1			
2016/17-6	Lab	LCS dup, rec	5/5/2017	Pesticide	Bromacil	n/a	=	112	%	EPA 525.2	-88	-88	62	139	
2016/17-6	Lab	LCS, RPD	5/5/2017	Pesticide	Bromacil	n/a	=	0.6	%	EPA 525.2	-88	-88	0	30	
2016/17-6	Lab	method blank	5/24/2017	Pesticide	Bromacil	n/a	<	0.038	µg/L	EPA 525.2	0.038	1			
2016/17-6	Lab	LCS	5/24/2017	Pesticide	Bromacil	n/a	=	5.46	µg/L	EPA 525.2	0.038	1			
2016/17-6	Lab	LCS, rec	5/24/2017	Pesticide	Bromacil	n/a	=	109	%	EPA 525.2	-88	-88	62	139	
2016/17-6	Lab	LCS dup	5/24/2017	Pesticide	Bromacil	n/a	=	5.55	µg/L	EPA 525.2	0.038	1			
2016/17-6	Lab	LCS dup, rec	5/24/2017	Pesticide	Bromacil	n/a	=	111	%	EPA 525.2	-88	-88	62	139	
2016/17-6	Lab	LCS, RPD	5/24/2017	Pesticide	Bromacil	n/a	=	2	%	EPA 525.2	-88	-88	0	30	
2016/17-6	Lab	method blank	6/15/2017	Pesticide	Bromacil	n/a	<	0.038	µg/L	EPA 525.2	0.038	1			
2016/17-6	Lab	LCS	6/15/2017	Pesticide	Bromacil	n/a	=	6.02	µg/L	EPA 525.2	0.038	1			
2016/17-6	Lab	LCS, rec	6/15/2017	Pesticide	Bromacil	n/a	=	120	%	EPA 525.2	-88	-88	62	139	
2016/17-6	Lab	LCS dup	6/15/2017	Pesticide	Bromacil	n/a	=	5.86	µg/L	EPA 525.2	0.038	1			
2016/17-6	Lab	LCS dup, rec	6/15/2017	Pesticide	Bromacil	n/a	=	117	%	EPA 525.2	-88	-88	62	139	
2016/17-6	Lab	LCS, RPD	6/15/2017	Pesticide	Bromacil	n/a	=	3	%	EPA 525.2	-88	-88	0	30	
2016/17-6	Lab	method blank	5/5/2017	Pesticide	Butachlor	n/a	<	0.017	µg/L	EPA 525.2	0.017	0.2			
2016/17-6	Lab	LCS	5/5/2017	Pesticide	Butachlor	n/a	=	5.72	µg/L	EPA 525.2	0.017	0.2			
2016/17-6	Lab	LCS, rec	5/5/2017	Pesticide	Butachlor	n/a	=	114	%	EPA 525.2	-88	-88	61	127	
2016/17-6	Lab	LCS dup	5/5/2017	Pesticide	Butachlor	n/a	=	5.69	µg/L	EPA 525.2	0.017	0.2			
2016/17-6	Lab	LCS dup, rec	5/5/2017	Pesticide	Butachlor	n/a	=	114	%	EPA 525.2	-88	-88	61	127	
2016/17-6	Lab	LCS, RPD	5/5/2017	Pesticide	Butachlor	n/a	=	0.5	%	EPA 525.2	-88	-88	0	30	
2016/17-6	Lab	method blank	5/24/2017	Pesticide	Butachlor	n/a	<	0.017	µg/L	EPA 525.2	0.017	0.2			
2016/17-6	Lab	LCS	5/24/2017	Pesticide	Butachlor	n/a	=	6.11	µg/L	EPA 525.2	0.017	0.2			
2016/17-6	Lab	LCS, rec	5/24/2017	Pesticide	Butachlor	n/a	=	122	%	EPA 525.2	-88	-88	61	127	
2016/17-6	Lab	LCS dup	5/24/2017	Pesticide	Butachlor	n/a	=	6.07	µg/L	EPA 525.2	0.017	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	
2016/17-6	Lab	LCS dup, rec	5/24/2017	Pesticide	Butachlor	n/a	=	121	%	EPA 525.2	-88	-88	61	127	
2016/17-6	Lab	LCS, RPD	5/24/2017	Pesticide	Butachlor	n/a	=	0.5	%	EPA 525.2	-88	-88	0	30	
2016/17-6	Lab	method blank	6/15/2017	Pesticide	Butachlor	n/a	<	0.017	µg/L	EPA 525.2	0.017	0.2			
2016/17-6	Lab	LCS	6/15/2017	Pesticide	Butachlor	n/a	=	5.84	µg/L	EPA 525.2	0.017	0.2			
2016/17-6	Lab	LCS, rec	6/15/2017	Pesticide	Butachlor	n/a	=	117	%	EPA 525.2	-88	-88	61	127	
2016/17-6	Lab	LCS dup	6/15/2017	Pesticide	Butachlor	n/a	=	5.84	µg/L	EPA 525.2	0.017	0.2			
2016/17-6	Lab	LCS dup, rec	6/15/2017	Pesticide	Butachlor	n/a	=	117	%	EPA 525.2	-88	-88	61	127	
2016/17-6	Lab	LCS, RPD	6/15/2017	Pesticide	Butachlor	n/a	=	0.07	%	EPA 525.2	-88	-88	0	30	
2016/17-6	Lab	method blank	5/5/2017	Pesticide	Captan	n/a	<	0.86	µg/L	EPA 525.2	0.86	1			
2016/17-6	Lab	LCS	5/5/2017	Pesticide	Captan	n/a	=	4.4	µg/L	EPA 525.2	0.86	1			
2016/17-6	Lab	LCS, rec	5/5/2017	Pesticide	Captan	n/a	=	88	%	EPA 525.2	-88	-88	14	159	
2016/17-6	Lab	LCS dup	5/5/2017	Pesticide	Captan	n/a	=	4.26	µg/L	EPA 525.2	0.86	1			
2016/17-6	Lab	LCS dup, rec	5/5/2017	Pesticide	Captan	n/a	=	85	%	EPA 525.2	-88	-88	14	159	
2016/17-6	Lab	LCS, RPD	5/5/2017	Pesticide	Captan	n/a	=	3	%	EPA 525.2	-88	-88	0	30	
2016/17-6	Lab	method blank	5/25/2017	Pesticide	Captan	n/a	<	0.86	µg/L	EPA 525.2	0.86	1			
2016/17-6	Lab	LCS	5/25/2017	Pesticide	Captan	n/a	=	5.5	µg/L	EPA 525.2	0.86	1			
2016/17-6	Lab	LCS, rec	5/25/2017	Pesticide	Captan	n/a	=	110	%	EPA 525.2	-88	-88	14	159	
2016/17-6	Lab	LCS dup	5/25/2017	Pesticide	Captan	n/a	=	5.36	µg/L	EPA 525.2	0.86	1			
2016/17-6	Lab	LCS dup, rec	5/25/2017	Pesticide	Captan	n/a	=	107	%	EPA 525.2	-88	-88	14	159	
2016/17-6	Lab	LCS, RPD	5/25/2017	Pesticide	Captan	n/a	=	2	%	EPA 525.2	-88	-88	0	30	
2016/17-6	Lab	method blank	6/15/2017	Pesticide	Captan	n/a	<	0.86	µg/L	EPA 525.2	0.86	1			
2016/17-6	Lab	LCS	6/15/2017	Pesticide	Captan	n/a	=	4.68	µg/L	EPA 525.2	0.86	1			
2016/17-6	Lab	LCS, rec	6/15/2017	Pesticide	Captan	n/a	=	94	%	EPA 525.2	-88	-88	14	159	
2016/17-6	Lab	LCS dup	6/15/2017	Pesticide	Captan	n/a	=	5.23	µg/L	EPA 525.2	0.86	1			
2016/17-6	Lab	LCS dup, rec	6/15/2017	Pesticide	Captan	n/a	=	105	%	EPA 525.2	-88	-88	14	159	
2016/17-6	Lab	LCS, RPD	6/15/2017	Pesticide	Captan	n/a	=	11	%	EPA 525.2	-88	-88	0	30	
2016/17-6	Lab	method blank	5/18/2017	Pesticide	Chlordane (technical)	n/a	<	0.08	µg/L	EPA 608	0.08	0.1			
2016/17-6	Lab	method blank	6/2/2017	Pesticide	Chlordane (technical)	n/a	<	0.08	µg/L	EPA 608	0.08	0.1			
2016/17-6	Lab	method blank	6/6/2017	Pesticide	Chlordane (technical)	n/a	<	0.08	µg/L	EPA 608	0.08	0.1			
2016/17-6	Lab	method blank	5/5/2017	Pesticide	Chloropropham	n/a	<	0.01	µg/L	EPA 525.2	0.01	0.1			
2016/17-6	Lab	LCS	5/5/2017	Pesticide	Chloropropham	n/a	=	5.98	µg/L	EPA 525.2	0.01	0.1			
2016/17-6	Lab	LCS, rec	5/5/2017	Pesticide	Chloropropham	n/a	=	120	%	EPA 525.2	-88	-88	77	143	
2016/17-6	Lab	LCS dup	5/5/2017	Pesticide	Chloropropham	n/a	=	5.98	µg/L	EPA 525.2	0.01	0.1			
2016/17-6	Lab	LCS dup, rec	5/5/2017	Pesticide	Chloropropham	n/a	=	120	%	EPA 525.2	-88	-88	77	143	
2016/17-6	Lab	LCS, RPD	5/5/2017	Pesticide	Chloropropham	n/a	=	0.1	%	EPA 525.2	-88	-88	0	30	
2016/17-6	Lab	method blank	5/24/2017	Pesticide	Chloropropham	n/a	<	0.01	µg/L	EPA 525.2	0.01	0.1			
2016/17-6	Lab	LCS	5/24/2017	Pesticide	Chloropropham	n/a	=	5.78	µg/L	EPA 525.2	0.01	0.1			
2016/17-6	Lab	LCS, rec	5/24/2017	Pesticide	Chloropropham	n/a	=	116	%	EPA 525.2	-88	-88	77	143	
2016/17-6	Lab	LCS dup	5/24/2017	Pesticide	Chloropropham	n/a	=	5.88	µg/L	EPA 525.2	0.01	0.1			
2016/17-6	Lab	LCS dup, rec	5/24/2017	Pesticide	Chloropropham	n/a	=	118	%	EPA 525.2	-88	-88	77	143	
2016/17-6	Lab	LCS, RPD	5/24/2017	Pesticide	Chloropropham	n/a	=	2	%	EPA 525.2	-88	-88	0	30	
2016/17-6	Lab	method blank	6/15/2017	Pesticide	Chloropropham	n/a	<	0.01	µg/L	EPA 525.2	0.01	0.1			
2016/17-6	Lab	LCS	6/15/2017	Pesticide	Chloropropham	n/a	=	5.85	µg/L	EPA 525.2	0.01	0.1			
2016/17-6	Lab	LCS, rec	6/15/2017	Pesticide	Chloropropham	n/a	=	117	%	EPA 525.2	-88	-88	77	143	
2016/17-6	Lab	LCS dup	6/15/2017	Pesticide	Chloropropham	n/a	=	5.74	µg/L	EPA 525.2	0.01	0.1			
2016/17-6	Lab	LCS dup, rec	6/15/2017	Pesticide	Chloropropham	n/a	=	115	%	EPA 525.2	-88	-88	77	143	
2016/17-6	Lab	LCS, RPD	6/15/2017	Pesticide	Chloropropham	n/a	=	2	%	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	
2016/17-6	000NONPJ	matrix spike	5/16/2017	Pesticide	Chlorpyrifos	n/a	=	0.0966	µg/L	EPA 525.2m	0.0069	0.01			GB
2016/17-6	000NONPJ	matrix spike, rec	5/16/2017	Pesticide	Chlorpyrifos	n/a	=	193	%	EPA 525.2m	-88	-88	37	168	GB
2016/17-6	000NONPJ	matrix spike dup	5/16/2017	Pesticide	Chlorpyrifos	n/a	=	0.148	µg/L	EPA 525.2m	0.0069	0.01			EST,GB
2016/17-6	000NONPJ	matrix spike dup, rec	5/16/2017	Pesticide	Chlorpyrifos	n/a	=	297	%	EPA 525.2m	-88	-88	37	168	EST,GB
2016/17-6	000NONPJ	matrix spike, RPD	5/16/2017	Pesticide	Chlorpyrifos	n/a	=	42	%	EPA 525.2m	-88	-88	0	30	EST,IL
2016/17-6	000NONPJ	matrix spike	5/24/2017	Pesticide	Chlorpyrifos	n/a	=	0.0612	µg/L	EPA 525.2m	0.0069	0.01			
2016/17-6	000NONPJ	matrix spike, rec	5/24/2017	Pesticide	Chlorpyrifos	n/a	=	122	%	EPA 525.2m	-88	-88	37	168	
2016/17-6	000NONPJ	matrix spike dup	5/24/2017	Pesticide	Chlorpyrifos	n/a	=	0.0614	µg/L	EPA 525.2m	0.0069	0.01			
2016/17-6	000NONPJ	matrix spike dup, rec	5/24/2017	Pesticide	Chlorpyrifos	n/a	=	123	%	EPA 525.2m	-88	-88	37	168	
2016/17-6	000NONPJ	matrix spike, RPD	5/24/2017	Pesticide	Chlorpyrifos	n/a	=	0.3	%	EPA 525.2m	-88	-88	0	30	
2016/17-6	000NONPJ	matrix spike	5/25/2017	Pesticide	Chlorpyrifos	n/a	=	0.0709	µg/L	EPA 525.2m	0.0069	0.01			
2016/17-6	000NONPJ	matrix spike, rec	5/25/2017	Pesticide	Chlorpyrifos	n/a	=	142	%	EPA 525.2m	-88	-88	37	168	
2016/17-6	000NONPJ	matrix spike dup	5/25/2017	Pesticide	Chlorpyrifos	n/a	=	0.0692	µg/L	EPA 525.2m	0.0069	0.01			
2016/17-6	000NONPJ	matrix spike dup, rec	5/25/2017	Pesticide	Chlorpyrifos	n/a	=	138	%	EPA 525.2m	-88	-88	37	168	
2016/17-6	000NONPJ	matrix spike, RPD	5/25/2017	Pesticide	Chlorpyrifos	n/a	=	2	%	EPA 525.2m	-88	-88	0	30	
2016/17-6	Lab	method blank	5/16/2017	Pesticide	Chlorpyrifos	n/a	<	0.0069	µg/L	EPA 525.2m	0.0069	0.01			
2016/17-6	Lab	LCS	5/16/2017	Pesticide	Chlorpyrifos	n/a	=	0.0691	µg/L	EPA 525.2m	0.0069	0.01			
2016/17-6	Lab	LCS, rec	5/16/2017	Pesticide	Chlorpyrifos	n/a	=	138	%	EPA 525.2m	-88	-88	37	169	
2016/17-6	Lab	method blank	5/24/2017	Pesticide	Chlorpyrifos	n/a	<	0.0069	µg/L	EPA 525.2m	0.0069	0.01			
2016/17-6	Lab	LCS	5/24/2017	Pesticide	Chlorpyrifos	n/a	=	0.0547	µg/L	EPA 525.2m	0.0069	0.01			
2016/17-6	Lab	LCS, rec	5/24/2017	Pesticide	Chlorpyrifos	n/a	=	109	%	EPA 525.2m	-88	-88	37	169	
2016/17-6	Lab	method blank	5/25/2017	Pesticide	Chlorpyrifos	n/a	<	0.0069	µg/L	EPA 525.2m	0.0069	0.01			
2016/17-6	Lab	LCS	5/25/2017	Pesticide	Chlorpyrifos	n/a	=	0.0565	µg/L	EPA 525.2m	0.0069	0.01			
2016/17-6	Lab	LCS, rec	5/25/2017	Pesticide	Chlorpyrifos	n/a	=	113	%	EPA 525.2m	-88	-88	37	169	
2016/17-6	000NONPJ	matrix spike	5/16/2017	Pesticide	Coumaphos	n/a	=	0.0665	µg/L	EPA 525.2m	0.0051	0.01			
2016/17-6	000NONPJ	matrix spike, rec	5/16/2017	Pesticide	Coumaphos	n/a	=	133	%	EPA 525.2m	-88	-88	0.1	203	
2016/17-6	000NONPJ	matrix spike dup	5/16/2017	Pesticide	Coumaphos	n/a	=	0.0701	µg/L	EPA 525.2m	0.0051	0.01			
2016/17-6	000NONPJ	matrix spike dup, rec	5/16/2017	Pesticide	Coumaphos	n/a	=	140	%	EPA 525.2m	-88	-88	0.1	203	
2016/17-6	000NONPJ	matrix spike, RPD	5/16/2017	Pesticide	Coumaphos	n/a	=	5	%	EPA 525.2m	-88	-88	0	30	
2016/17-6	000NONPJ	matrix spike	5/24/2017	Pesticide	Coumaphos	n/a	=	0.0586	µg/L	EPA 525.2m	0.0051	0.01			
2016/17-6	000NONPJ	matrix spike, rec	5/24/2017	Pesticide	Coumaphos	n/a	=	117	%	EPA 525.2m	-88	-88	0.1	203	
2016/17-6	000NONPJ	matrix spike dup	5/24/2017	Pesticide	Coumaphos	n/a	=	0.0608	µg/L	EPA 525.2m	0.0051	0.01			
2016/17-6	000NONPJ	matrix spike dup, rec	5/24/2017	Pesticide	Coumaphos	n/a	=	122	%	EPA 525.2m	-88	-88	0.1	203	
2016/17-6	000NONPJ	matrix spike, RPD	5/24/2017	Pesticide	Coumaphos	n/a	=	4	%	EPA 525.2m	-88	-88	0	30	
2016/17-6	000NONPJ	matrix spike	5/25/2017	Pesticide	Coumaphos	n/a	=	0.052	µg/L	EPA 525.2m	0.0051	0.01			
2016/17-6	000NONPJ	matrix spike, rec	5/25/2017	Pesticide	Coumaphos	n/a	=	104	%	EPA 525.2m	-88	-88	0.1	203	
2016/17-6	000NONPJ	matrix spike dup	5/25/2017	Pesticide	Coumaphos	n/a	=	0.0533	µg/L	EPA 525.2m	0.0051	0.01			
2016/17-6	000NONPJ	matrix spike dup, rec	5/25/2017	Pesticide	Coumaphos	n/a	=	107	%	EPA 525.2m	-88	-88	0.1	203	
2016/17-6	000NONPJ	matrix spike, RPD	5/25/2017	Pesticide	Coumaphos	n/a	=	2	%	EPA 525.2m	-88	-88	0	30	
2016/17-6	Lab	method blank	5/16/2017	Pesticide	Coumaphos	n/a	<	0.0051	µg/L	EPA 525.2m	0.0051	0.01			
2016/17-6	Lab	LCS	5/16/2017	Pesticide	Coumaphos	n/a	=	0.0491	µg/L	EPA 525.2m	0.0051	0.01			
2016/17-6	Lab	LCS, rec	5/16/2017	Pesticide	Coumaphos	n/a	=	98	%	EPA 525.2m	-88	-88	0.1	225	
2016/17-6	Lab	method blank	5/24/2017	Pesticide	Coumaphos	n/a	<	0.0051	µg/L	EPA 525.2m	0.0051	0.01			
2016/17-6	Lab	LCS	5/24/2017	Pesticide	Coumaphos	n/a	=	0.0514	µg/L	EPA 525.2m	0.0051	0.01			
2016/17-6	Lab	LCS, rec	5/24/2017	Pesticide	Coumaphos	n/a	=	103	%	EPA 525.2m	-88	-88	0.1	225	
2016/17-6	Lab	method blank	5/25/2017	Pesticide	Coumaphos	n/a	<	0.0051	µg/L	EPA 525.2m	0.0051	0.01			
2016/17-6	Lab	LCS	5/25/2017	Pesticide	Coumaphos	n/a	=	0.0545	µg/L	EPA 525.2m	0.0051	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	
2016/17-6	Lab	LCS, rec	5/25/2017	Pesticide	Coumaphos	n/a	=	109	%	EPA 525.2m	-88	-88	0.1	225	
2016/17-6	Lab	method blank	5/5/2017	Pesticide	Cyanazine	n/a	<	0.024	µg/L	EPA 525.2	0.024	0.1			
2016/17-6	Lab	LCS	5/5/2017	Pesticide	Cyanazine	n/a	=	5.87	µg/L	EPA 525.2	0.024	0.1			
2016/17-6	Lab	LCS, rec	5/5/2017	Pesticide	Cyanazine	n/a	=	117	%	EPA 525.2	-88	-88	61	129	
2016/17-6	Lab	LCS dup	5/5/2017	Pesticide	Cyanazine	n/a	=	5.67	µg/L	EPA 525.2	0.024	0.1			
2016/17-6	Lab	LCS dup, rec	5/5/2017	Pesticide	Cyanazine	n/a	=	113	%	EPA 525.2	-88	-88	61	129	
2016/17-6	Lab	LCS, RPD	5/5/2017	Pesticide	Cyanazine	n/a	=	3	%	EPA 525.2	-88	-88	0	30	
2016/17-6	Lab	method blank	5/24/2017	Pesticide	Cyanazine	n/a	<	0.024	µg/L	EPA 525.2	0.024	0.1			
2016/17-6	Lab	LCS	5/24/2017	Pesticide	Cyanazine	n/a	=	5.24	µg/L	EPA 525.2	0.024	0.1			
2016/17-6	Lab	LCS, rec	5/24/2017	Pesticide	Cyanazine	n/a	=	105	%	EPA 525.2	-88	-88	61	129	
2016/17-6	Lab	LCS dup	5/24/2017	Pesticide	Cyanazine	n/a	=	5.43	µg/L	EPA 525.2	0.024	0.1			
2016/17-6	Lab	LCS dup, rec	5/24/2017	Pesticide	Cyanazine	n/a	=	109	%	EPA 525.2	-88	-88	61	129	
2016/17-6	Lab	LCS, RPD	5/24/2017	Pesticide	Cyanazine	n/a	=	3	%	EPA 525.2	-88	-88	0	30	
2016/17-6	Lab	method blank	6/15/2017	Pesticide	Cyanazine	n/a	<	0.024	µg/L	EPA 525.2	0.024	0.1			
2016/17-6	Lab	LCS	6/15/2017	Pesticide	Cyanazine	n/a	=	5.57	µg/L	EPA 525.2	0.024	0.1			
2016/17-6	Lab	LCS, rec	6/15/2017	Pesticide	Cyanazine	n/a	=	111	%	EPA 525.2	-88	-88	61	129	
2016/17-6	Lab	LCS dup	6/15/2017	Pesticide	Cyanazine	n/a	=	5.47	µg/L	EPA 525.2	0.024	0.1			
2016/17-6	Lab	LCS dup, rec	6/15/2017	Pesticide	Cyanazine	n/a	=	109	%	EPA 525.2	-88	-88	61	129	
2016/17-6	Lab	LCS, RPD	6/15/2017	Pesticide	Cyanazine	n/a	=	2	%	EPA 525.2	-88	-88	0	30	
2016/17-6	000NONPJ	matrix spike	5/12/2017	Pesticide	Dalapon	n/a	=	14.3	µg/L	EPA 515.3	0.1	0.4			
2016/17-6	000NONPJ	matrix spike, rec	5/12/2017	Pesticide	Dalapon	n/a	=	122	%	EPA 515.3	-88	-88	70	130	
2016/17-6	000NONPJ	matrix spike dup	5/12/2017	Pesticide	Dalapon	n/a	=	14.6	µg/L	EPA 515.3	0.1	0.4			
2016/17-6	000NONPJ	matrix spike dup, rec	5/12/2017	Pesticide	Dalapon	n/a	=	125	%	EPA 515.3	-88	-88	70	130	
2016/17-6	000NONPJ	matrix spike, RPD	5/12/2017	Pesticide	Dalapon	n/a	=	2	%	EPA 515.3	-88	-88	0	30	
2016/17-6	000NONPJ	matrix spike	5/12/2017	Pesticide	Dalapon	n/a	=	9.74	µg/L	EPA 515.3	0.1	0.4			
2016/17-6	000NONPJ	matrix spike, rec	5/12/2017	Pesticide	Dalapon	n/a	=	122	%	EPA 515.3	-88	-88	70	130	
2016/17-6	000NONPJ	matrix spike dup	5/12/2017	Pesticide	Dalapon	n/a	=	9.72	µg/L	EPA 515.3	0.1	0.4			
2016/17-6	000NONPJ	matrix spike dup, rec	5/12/2017	Pesticide	Dalapon	n/a	=	122	%	EPA 515.3	-88	-88	70	130	
2016/17-6	000NONPJ	matrix spike, RPD	5/12/2017	Pesticide	Dalapon	n/a	=	0.1	%	EPA 515.3	-88	-88	0	30	
2016/17-6	000NONPJ	matrix spike	5/23/2017	Pesticide	Dalapon	n/a	=	8.38	µg/L	EPA 515.3	0.1	0.4			
2016/17-6	000NONPJ	matrix spike, rec	5/23/2017	Pesticide	Dalapon	n/a	=	105	%	EPA 515.3	-88	-88	70	130	
2016/17-6	000NONPJ	matrix spike dup	5/23/2017	Pesticide	Dalapon	n/a	=	8.49	µg/L	EPA 515.3	0.1	0.4			
2016/17-6	000NONPJ	matrix spike dup, rec	5/23/2017	Pesticide	Dalapon	n/a	=	106	%	EPA 515.3	-88	-88	70	130	
2016/17-6	000NONPJ	matrix spike, RPD	5/23/2017	Pesticide	Dalapon	n/a	=	1	%	EPA 515.3	-88	-88	0	30	
2016/17-6	000NONPJ	matrix spike	5/23/2017	Pesticide	Dalapon	n/a	=	8.22	µg/L	EPA 515.3	0.1	0.4			
2016/17-6	000NONPJ	matrix spike, rec	5/23/2017	Pesticide	Dalapon	n/a	=	99	%	EPA 515.3	-88	-88	70	130	
2016/17-6	000NONPJ	matrix spike dup	5/23/2017	Pesticide	Dalapon	n/a	=	9.51	µg/L	EPA 515.3	0.1	0.4			
2016/17-6	000NONPJ	matrix spike dup, rec	5/23/2017	Pesticide	Dalapon	n/a	=	116	%	EPA 515.3	-88	-88	70	130	
2016/17-6	000NONPJ	matrix spike, RPD	5/23/2017	Pesticide	Dalapon	n/a	=	15	%	EPA 515.3	-88	-88	0	30	
2016/17-6	000NONPJ	matrix spike	5/25/2017	Pesticide	Dalapon	n/a	=	8.82	µg/L	EPA 515.3	0.1	0.4			
2016/17-6	000NONPJ	matrix spike, rec	5/25/2017	Pesticide	Dalapon	n/a	=	110	%	EPA 515.3	-88	-88	70	130	
2016/17-6	000NONPJ	matrix spike dup	5/25/2017	Pesticide	Dalapon	n/a	=	8.82	µg/L	EPA 515.3	0.1	0.4			
2016/17-6	000NONPJ	matrix spike dup, rec	5/25/2017	Pesticide	Dalapon	n/a	=	110	%	EPA 515.3	-88	-88	70	130	
2016/17-6	000NONPJ	matrix spike, RPD	5/25/2017	Pesticide	Dalapon	n/a	=	0.01	%	EPA 515.3	-88	-88	0	30	
2016/17-6	Lab	method blank	5/12/2017	Pesticide	Dalapon	n/a	<	0.1	µg/L	EPA 515.3	0.1	0.4			
2016/17-6	Lab	LCS	5/12/2017	Pesticide	Dalapon	n/a	=	9.41	µg/L	EPA 515.3	0.1	0.4			
2016/17-6	Lab	LCS, rec	5/12/2017	Pesticide	Dalapon	n/a	=	118	%	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	
2016/17-6	Lab	method blank	5/23/2017	Pesticide	Dalapon	n/a	<	0.1	µg/L	EPA 515.3	0.1	0.4			
2016/17-6	Lab	LCS	5/23/2017	Pesticide	Dalapon	n/a	=	7.92	µg/L	EPA 515.3	0.1	0.4			
2016/17-6	Lab	LCS, rec	5/23/2017	Pesticide	Dalapon	n/a	=	99	%	EPA 515.3	-88	-88	70	130	
2016/17-6	Lab	method blank	5/23/2017	Pesticide	Dalapon	n/a	<	0.1	µg/L	EPA 515.3	0.1	0.4			
2016/17-6	Lab	LCS	5/23/2017	Pesticide	Dalapon	n/a	=	7.98	µg/L	EPA 515.3	0.1	0.4			
2016/17-6	Lab	LCS, rec	5/23/2017	Pesticide	Dalapon	n/a	=	100	%	EPA 515.3	-88	-88	70	130	
2016/17-6	Lab	method blank	5/24/2017	Pesticide	Dalapon	n/a	<	0.1	µg/L	EPA 515.3	0.1	0.4			
2016/17-6	Lab	LCS	5/24/2017	Pesticide	Dalapon	n/a	=	8.39	µg/L	EPA 515.3	0.1	0.4			
2016/17-6	Lab	LCS, rec	5/24/2017	Pesticide	Dalapon	n/a	=	105	%	EPA 515.3	-88	-88	70	130	
2016/17-6	Lab	method blank	5/25/2017	Pesticide	Dalapon	n/a	<	0.1	µg/L	EPA 515.3	0.1	0.4			
2016/17-6	Lab	LCS	5/25/2017	Pesticide	Dalapon	n/a	=	8.64	µg/L	EPA 515.3	0.1	0.4			
2016/17-6	Lab	LCS, rec	5/25/2017	Pesticide	Dalapon	n/a	=	108	%	EPA 515.3	-88	-88	70	130	
2016/17-6	000NONPJ	matrix spike	5/12/2017	Pesticide	DCPA (Dacthal)	n/a	=	4.92	µg/L	EPA 515.3	0.07	0.1			
2016/17-6	000NONPJ	matrix spike, rec	5/12/2017	Pesticide	DCPA (Dacthal)	n/a	=	123	%	EPA 515.3	-88	-88	70	130	
2016/17-6	000NONPJ	matrix spike dup	5/12/2017	Pesticide	DCPA (Dacthal)	n/a	=	4.84	µg/L	EPA 515.3	0.07	0.1			
2016/17-6	000NONPJ	matrix spike dup, rec	5/12/2017	Pesticide	DCPA (Dacthal)	n/a	=	121	%	EPA 515.3	-88	-88	70	130	
2016/17-6	000NONPJ	matrix spike, RPD	5/12/2017	Pesticide	DCPA (Dacthal)	n/a	=	2	%	EPA 515.3	-88	-88	0	30	
2016/17-6	000NONPJ	matrix spike	5/12/2017	Pesticide	DCPA (Dacthal)	n/a	=	4.85	µg/L	EPA 515.3	0.07	0.1			
2016/17-6	000NONPJ	matrix spike, rec	5/12/2017	Pesticide	DCPA (Dacthal)	n/a	=	121	%	EPA 515.3	-88	-88	70	130	
2016/17-6	000NONPJ	matrix spike dup	5/12/2017	Pesticide	DCPA (Dacthal)	n/a	=	4.91	µg/L	EPA 515.3	0.07	0.1			
2016/17-6	000NONPJ	matrix spike dup, rec	5/12/2017	Pesticide	DCPA (Dacthal)	n/a	=	123	%	EPA 515.3	-88	-88	70	130	
2016/17-6	000NONPJ	matrix spike, RPD	5/12/2017	Pesticide	DCPA (Dacthal)	n/a	=	1	%	EPA 515.3	-88	-88	0	30	
2016/17-6	000NONPJ	matrix spike	5/23/2017	Pesticide	DCPA (Dacthal)	n/a	=	4.29	µg/L	EPA 515.3	0.07	0.1			
2016/17-6	000NONPJ	matrix spike, rec	5/23/2017	Pesticide	DCPA (Dacthal)	n/a	=	107	%	EPA 515.3	-88	-88	70	130	
2016/17-6	000NONPJ	matrix spike dup	5/23/2017	Pesticide	DCPA (Dacthal)	n/a	=	4.42	µg/L	EPA 515.3	0.07	0.1			
2016/17-6	000NONPJ	matrix spike dup, rec	5/23/2017	Pesticide	DCPA (Dacthal)	n/a	=	110	%	EPA 515.3	-88	-88	70	130	
2016/17-6	000NONPJ	matrix spike, RPD	5/23/2017	Pesticide	DCPA (Dacthal)	n/a	=	3	%	EPA 515.3	-88	-88	0	30	
2016/17-6	000NONPJ	matrix spike	5/23/2017	Pesticide	DCPA (Dacthal)	n/a	=	4.21	µg/L	EPA 515.3	0.07	0.1			
2016/17-6	000NONPJ	matrix spike, rec	5/23/2017	Pesticide	DCPA (Dacthal)	n/a	=	105	%	EPA 515.3	-88	-88	70	130	
2016/17-6	000NONPJ	matrix spike dup	5/23/2017	Pesticide	DCPA (Dacthal)	n/a	=	4.24	µg/L	EPA 515.3	0.07	0.1			
2016/17-6	000NONPJ	matrix spike dup, rec	5/23/2017	Pesticide	DCPA (Dacthal)	n/a	=	106	%	EPA 515.3	-88	-88	70	130	
2016/17-6	000NONPJ	matrix spike, RPD	5/23/2017	Pesticide	DCPA (Dacthal)	n/a	=	0.7	%	EPA 515.3	-88	-88	0	30	
2016/17-6	000NONPJ	matrix spike	5/25/2017	Pesticide	DCPA (Dacthal)	n/a	=	4.47	µg/L	EPA 515.3	0.07	0.1			
2016/17-6	000NONPJ	matrix spike, rec	5/25/2017	Pesticide	DCPA (Dacthal)	n/a	=	112	%	EPA 515.3	-88	-88	70	130	
2016/17-6	000NONPJ	matrix spike dup	5/25/2017	Pesticide	DCPA (Dacthal)	n/a	=	4.51	µg/L	EPA 515.3	0.07	0.1			
2016/17-6	000NONPJ	matrix spike dup, rec	5/25/2017	Pesticide	DCPA (Dacthal)	n/a	=	113	%	EPA 515.3	-88	-88	70	130	
2016/17-6	000NONPJ	matrix spike, RPD	5/25/2017	Pesticide	DCPA (Dacthal)	n/a	=	0.8	%	EPA 515.3	-88	-88	0	30	
2016/17-6	Lab	method blank	5/12/2017	Pesticide	DCPA (Dacthal)	n/a	<	0.07	µg/L	EPA 515.3	0.07	0.1			
2016/17-6	Lab	LCS	5/12/2017	Pesticide	DCPA (Dacthal)	n/a	=	4.93	µg/L	EPA 515.3	0.07	0.1			
2016/17-6	Lab	LCS, rec	5/12/2017	Pesticide	DCPA (Dacthal)	n/a	=	123	%	EPA 515.3	-88	-88	70	130	
2016/17-6	Lab	method blank	5/23/2017	Pesticide	DCPA (Dacthal)	n/a	<	0.07	µg/L	EPA 515.3	0.07	0.1			
2016/17-6	Lab	LCS	5/23/2017	Pesticide	DCPA (Dacthal)	n/a	=	4.3	µg/L	EPA 515.3	0.07	0.1			
2016/17-6	Lab	LCS, rec	5/23/2017	Pesticide	DCPA (Dacthal)	n/a	=	107	%	EPA 515.3	-88	-88	70	130	
2016/17-6	Lab	method blank	5/23/2017	Pesticide	DCPA (Dacthal)	n/a	<	0.07	µg/L	EPA 515.3	0.07	0.1			
2016/17-6	Lab	LCS	5/23/2017	Pesticide	DCPA (Dacthal)	n/a	=	4.26	µg/L	EPA 515.3	0.07	0.1			
2016/17-6	Lab	LCS, rec	5/23/2017	Pesticide	DCPA (Dacthal)	n/a	=	106	%	EPA 515.3	-88	-88	70	130	
2016/17-6	Lab	method blank	5/24/2017	Pesticide	DCPA (Dacthal)	n/a	<	0.07	µg/L	EPA 515.3	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	
2016/17-6	Lab	LCS	5/24/2017	Pesticide	DCPA (Dacthal)	n/a	=	4.27	µg/L	EPA 515.3	0.07	0.1			
2016/17-6	Lab	LCS, rec	5/24/2017	Pesticide	DCPA (Dacthal)	n/a	=	107	%	EPA 515.3	-88	-88	70	130	
2016/17-6	Lab	method blank	5/25/2017	Pesticide	DCPA (Dacthal)	n/a	<	0.07	µg/L	EPA 515.3	0.07	0.1			
2016/17-6	Lab	LCS	5/25/2017	Pesticide	DCPA (Dacthal)	n/a	=	4.42	µg/L	EPA 515.3	0.07	0.1			
2016/17-6	Lab	LCS, rec	5/25/2017	Pesticide	DCPA (Dacthal)	n/a	=	110	%	EPA 515.3	-88	-88	70	130	
2016/17-6	000NONPJ	matrix spike	5/19/2017	Pesticide	delta-BHC	n/a	=	0.0905	µg/L	EPA 608	0.005	0.01			
2016/17-6	000NONPJ	matrix spike, rec	5/19/2017	Pesticide	delta-BHC	n/a	=	91	%	EPA 608	-88	-88	37	122	
2016/17-6	000NONPJ	matrix spike dup	5/19/2017	Pesticide	delta-BHC	n/a	=	0.0861	µg/L	EPA 608	0.005	0.01			
2016/17-6	000NONPJ	matrix spike dup, rec	5/19/2017	Pesticide	delta-BHC	n/a	=	86	%	EPA 608	-88	-88	37	122	
2016/17-6	000NONPJ	matrix spike, RPD	5/19/2017	Pesticide	delta-BHC	n/a	=	5	%	EPA 608	-88	-88	0	30	
2016/17-6	Lab	method blank	5/18/2017	Pesticide	delta-BHC	n/a	<	0.0025	µg/L	EPA 608	0.0025	0.005			
2016/17-6	Lab	LCS	5/19/2017	Pesticide	delta-BHC	n/a	=	0.11	µg/L	EPA 608	0.0025	0.005			
2016/17-6	Lab	LCS, rec	5/19/2017	Pesticide	delta-BHC	n/a	=	110	%	EPA 608	-88	-88	51	123	
2016/17-6	Lab	method blank	6/2/2017	Pesticide	delta-BHC	n/a	<	0.0025	µg/L	EPA 608	0.0025	0.005			
2016/17-6	Lab	LCS	6/2/2017	Pesticide	delta-BHC	n/a	=	0.0937	µg/L	EPA 608	0.0025	0.005			
2016/17-6	Lab	LCS, rec	6/2/2017	Pesticide	delta-BHC	n/a	=	94	%	EPA 608	-88	-88	51	123	
2016/17-6	Lab	LCS dup	6/2/2017	Pesticide	delta-BHC	n/a	=	0.0912	µg/L	EPA 608	0.0025	0.005			
2016/17-6	Lab	LCS dup, rec	6/2/2017	Pesticide	delta-BHC	n/a	=	91	%	EPA 608	-88	-88	51	123	
2016/17-6	Lab	LCS, RPD	6/2/2017	Pesticide	delta-BHC	n/a	=	3	%	EPA 608	-88	-88	0	30	
2016/17-6	Lab	method blank	6/6/2017	Pesticide	delta-BHC	n/a	<	0.0025	µg/L	EPA 608	0.0025	0.005			
2016/17-6	Lab	LCS	6/6/2017	Pesticide	delta-BHC	n/a	=	0.0963	µg/L	EPA 608	0.0025	0.005			
2016/17-6	Lab	LCS, rec	6/6/2017	Pesticide	delta-BHC	n/a	=	96	%	EPA 608	-88	-88	51	123	
2016/17-6	Lab	LCS dup	6/6/2017	Pesticide	delta-BHC	n/a	=	0.0967	µg/L	EPA 608	0.0025	0.005			
2016/17-6	Lab	LCS dup, rec	6/6/2017	Pesticide	delta-BHC	n/a	=	97	%	EPA 608	-88	-88	51	123	
2016/17-6	Lab	LCS, RPD	6/6/2017	Pesticide	delta-BHC	n/a	=	0.4	%	EPA 608	-88	-88	0	30	
2016/17-6	000NONPJ	matrix spike	5/16/2017	Pesticide	Demeton-O	n/a	=	0.0326	µg/L	EPA 525.2m	0.01	0.01			
2016/17-6	000NONPJ	matrix spike, rec	5/16/2017	Pesticide	Demeton-O	n/a	=	65	%	EPA 525.2m	-88	-88	0.1	208	
2016/17-6	000NONPJ	matrix spike dup	5/16/2017	Pesticide	Demeton-O	n/a	=	0.0227	µg/L	EPA 525.2m	0.01	0.01			EST
2016/17-6	000NONPJ	matrix spike dup, rec	5/16/2017	Pesticide	Demeton-O	n/a	=	45	%	EPA 525.2m	-88	-88	0.1	208	EST
2016/17-6	000NONPJ	matrix spike, RPD	5/16/2017	Pesticide	Demeton-O	n/a	=	36	%	EPA 525.2m	-88	-88	0	30	EST,IL
2016/17-6	000NONPJ	matrix spike	5/24/2017	Pesticide	Demeton-O	n/a	=	0.0306	µg/L	EPA 525.2m	0.01	0.01			
2016/17-6	000NONPJ	matrix spike, rec	5/24/2017	Pesticide	Demeton-O	n/a	=	61	%	EPA 525.2m	-88	-88	0.1	208	
2016/17-6	000NONPJ	matrix spike dup	5/24/2017	Pesticide	Demeton-O	n/a	=	0.0377	µg/L	EPA 525.2m	0.01	0.01			
2016/17-6	000NONPJ	matrix spike dup, rec	5/24/2017	Pesticide	Demeton-O	n/a	=	75	%	EPA 525.2m	-88	-88	0.1	208	
2016/17-6	000NONPJ	matrix spike, RPD	5/24/2017	Pesticide	Demeton-O	n/a	=	21	%	EPA 525.2m	-88	-88	0	30	
2016/17-6	000NONPJ	matrix spike	5/25/2017	Pesticide	Demeton-O	n/a	=	0.057	µg/L	EPA 525.2m	0.01	0.01			
2016/17-6	000NONPJ	matrix spike, rec	5/25/2017	Pesticide	Demeton-O	n/a	=	114	%	EPA 525.2m	-88	-88	0.1	208	
2016/17-6	000NONPJ	matrix spike dup	5/25/2017	Pesticide	Demeton-O	n/a	=	0.043	µg/L	EPA 525.2m	0.01	0.01			
2016/17-6	000NONPJ	matrix spike dup, rec	5/25/2017	Pesticide	Demeton-O	n/a	=	86	%	EPA 525.2m	-88	-88	0.1	208	
2016/17-6	000NONPJ	matrix spike, RPD	5/25/2017	Pesticide	Demeton-O	n/a	=	28	%	EPA 525.2m	-88	-88	0	30	
2016/17-6	Lab	method blank	5/16/2017	Pesticide	Demeton-O	n/a	<	0.01	µg/L	EPA 525.2m	0.01	0.01			
2016/17-6	Lab	LCS	5/16/2017	Pesticide	Demeton-O	n/a	=	0.0294	µg/L	EPA 525.2m	0.01	0.01			
2016/17-6	Lab	LCS, rec	5/16/2017	Pesticide	Demeton-O	n/a	=	59	%	EPA 525.2m	-88	-88	0.1	211	
2016/17-6	Lab	method blank	5/24/2017	Pesticide	Demeton-O	n/a	<	0.01	µg/L	EPA 525.2m	0.01	0.01			
2016/17-6	Lab	LCS	5/24/2017	Pesticide	Demeton-O	n/a	=	0.0263	µg/L	EPA 525.2m	0.01	0.01			
2016/17-6	Lab	LCS, rec	5/24/2017	Pesticide	Demeton-O	n/a	=	53	%	EPA 525.2m	-88	-88	0.1	211	
2016/17-6	Lab	method blank	5/25/2017	Pesticide	Demeton-O	n/a	<	0.01	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	
2016/17-6	Lab	LCS	5/25/2017	Pesticide	Demeton-O	n/a	=	0.026	µg/L	EPA 525.2m	0.01	0.01			
2016/17-6	Lab	LCS, rec	5/25/2017	Pesticide	Demeton-O	n/a	=	52	%	EPA 525.2m	-88	-88	0.1	211	
2016/17-6	000NONPJ	matrix spike	5/16/2017	Pesticide	Demeton-S	n/a	=	0.0219	µg/L	EPA 525.2m	0.01	0.01			
2016/17-6	000NONPJ	matrix spike, rec	5/16/2017	Pesticide	Demeton-S	n/a	=	44	%	EPA 525.2m	-88	-88	0.1	207	
2016/17-6	000NONPJ	matrix spike dup	5/16/2017	Pesticide	Demeton-S	n/a	=	0.0164	µg/L	EPA 525.2m	0.01	0.01			EST
2016/17-6	000NONPJ	matrix spike dup, rec	5/16/2017	Pesticide	Demeton-S	n/a	=	33	%	EPA 525.2m	-88	-88	0.1	207	EST
2016/17-6	000NONPJ	matrix spike, RPD	5/16/2017	Pesticide	Demeton-S	n/a	=	29	%	EPA 525.2m	-88	-88	0	30	EST
2016/17-6	000NONPJ	matrix spike	5/24/2017	Pesticide	Demeton-S	n/a	=	0.0509	µg/L	EPA 525.2m	0.01	0.01			
2016/17-6	000NONPJ	matrix spike, rec	5/24/2017	Pesticide	Demeton-S	n/a	=	102	%	EPA 525.2m	-88	-88	0.1	207	
2016/17-6	000NONPJ	matrix spike dup	5/24/2017	Pesticide	Demeton-S	n/a	=	0.0521	µg/L	EPA 525.2m	0.01	0.01			
2016/17-6	000NONPJ	matrix spike dup, rec	5/24/2017	Pesticide	Demeton-S	n/a	=	104	%	EPA 525.2m	-88	-88	0.1	207	
2016/17-6	000NONPJ	matrix spike, RPD	5/24/2017	Pesticide	Demeton-S	n/a	=	2	%	EPA 525.2m	-88	-88	0	30	
2016/17-6	000NONPJ	matrix spike	5/25/2017	Pesticide	Demeton-S	n/a	=	0.0671	µg/L	EPA 525.2m	0.01	0.01			
2016/17-6	000NONPJ	matrix spike, rec	5/25/2017	Pesticide	Demeton-S	n/a	=	134	%	EPA 525.2m	-88	-88	0.1	207	
2016/17-6	000NONPJ	matrix spike dup	5/25/2017	Pesticide	Demeton-S	n/a	=	0.0719	µg/L	EPA 525.2m	0.01	0.01			
2016/17-6	000NONPJ	matrix spike dup, rec	5/25/2017	Pesticide	Demeton-S	n/a	=	144	%	EPA 525.2m	-88	-88	0.1	207	
2016/17-6	000NONPJ	matrix spike, RPD	5/25/2017	Pesticide	Demeton-S	n/a	=	7	%	EPA 525.2m	-88	-88	0	30	
2016/17-6	Lab	method blank	5/16/2017	Pesticide	Demeton-S	n/a	<	0.01	µg/L	EPA 525.2m	0.01	0.01			
2016/17-6	Lab	LCS	5/16/2017	Pesticide	Demeton-S	n/a	=	0.0364	µg/L	EPA 525.2m	0.01	0.01			
2016/17-6	Lab	LCS, rec	5/16/2017	Pesticide	Demeton-S	n/a	=	73	%	EPA 525.2m	-88	-88	0.1	213	
2016/17-6	Lab	method blank	5/24/2017	Pesticide	Demeton-S	n/a	<	0.01	µg/L	EPA 525.2m	0.01	0.01			
2016/17-6	Lab	LCS	5/24/2017	Pesticide	Demeton-S	n/a	=	0.0427	µg/L	EPA 525.2m	0.01	0.01			
2016/17-6	Lab	LCS, rec	5/24/2017	Pesticide	Demeton-S	n/a	=	85	%	EPA 525.2m	-88	-88	0.1	213	
2016/17-6	Lab	method blank	5/25/2017	Pesticide	Demeton-S	n/a	<	0.01	µg/L	EPA 525.2m	0.01	0.01			
2016/17-6	Lab	LCS	5/25/2017	Pesticide	Demeton-S	n/a	=	0.0432	µg/L	EPA 525.2m	0.01	0.01			
2016/17-6	Lab	LCS, rec	5/25/2017	Pesticide	Demeton-S	n/a	=	86	%	EPA 525.2m	-88	-88	0.1	213	
2016/17-6	000NONPJ	matrix spike	5/16/2017	Pesticide	Diazinon	n/a	=	0.0869	µg/L	EPA 525.2m	0.0052	0.01			GB
2016/17-6	000NONPJ	matrix spike, rec	5/16/2017	Pesticide	Diazinon	n/a	=	174	%	EPA 525.2m	-88	-88	36	153	GB
2016/17-6	000NONPJ	matrix spike dup	5/16/2017	Pesticide	Diazinon	n/a	=	0.112	µg/L	EPA 525.2m	0.0052	0.01			EST,GB
2016/17-6	000NONPJ	matrix spike dup, rec	5/16/2017	Pesticide	Diazinon	n/a	=	224	%	EPA 525.2m	-88	-88	36	153	EST,GB
2016/17-6	000NONPJ	matrix spike, RPD	5/16/2017	Pesticide	Diazinon	n/a	=	25	%	EPA 525.2m	-88	-88	0	30	EST
2016/17-6	000NONPJ	matrix spike	5/24/2017	Pesticide	Diazinon	n/a	=	0.0426	µg/L	EPA 525.2m	0.0052	0.01			
2016/17-6	000NONPJ	matrix spike, rec	5/24/2017	Pesticide	Diazinon	n/a	=	85	%	EPA 525.2m	-88	-88	36	153	
2016/17-6	000NONPJ	matrix spike dup	5/24/2017	Pesticide	Diazinon	n/a	=	0.0478	µg/L	EPA 525.2m	0.0052	0.01			
2016/17-6	000NONPJ	matrix spike dup, rec	5/24/2017	Pesticide	Diazinon	n/a	=	96	%	EPA 525.2m	-88	-88	36	153	
2016/17-6	000NONPJ	matrix spike, RPD	5/24/2017	Pesticide	Diazinon	n/a	=	11	%	EPA 525.2m	-88	-88	0	30	
2016/17-6	000NONPJ	matrix spike	5/25/2017	Pesticide	Diazinon	n/a	=	0.0438	µg/L	EPA 525.2m	0.0052	0.01			
2016/17-6	000NONPJ	matrix spike, rec	5/25/2017	Pesticide	Diazinon	n/a	=	88	%	EPA 525.2m	-88	-88	36	153	
2016/17-6	000NONPJ	matrix spike dup	5/25/2017	Pesticide	Diazinon	n/a	=	0.0475	µg/L	EPA 525.2m	0.0052	0.01			
2016/17-6	000NONPJ	matrix spike dup, rec	5/25/2017	Pesticide	Diazinon	n/a	=	95	%	EPA 525.2m	-88	-88	36	153	
2016/17-6	000NONPJ	matrix spike, RPD	5/25/2017	Pesticide	Diazinon	n/a	=	8	%	EPA 525.2m	-88	-88	0	30	
2016/17-6	Lab	method blank	5/5/2017	Pesticide	Diazinon	n/a	<	0.096	µg/L	EPA 525.2	0.096	0.1			
2016/17-6	Lab	LCS	5/5/2017	Pesticide	Diazinon	n/a	=	4.87	µg/L	EPA 525.2	0.096	0.1			
2016/17-6	Lab	LCS, rec	5/5/2017	Pesticide	Diazinon	n/a	=	97	%	EPA 525.2	-88	-88	30	120	
2016/17-6	Lab	LCS dup	5/5/2017	Pesticide	Diazinon	n/a	=	4.81	µg/L	EPA 525.2	0.096	0.1			
2016/17-6	Lab	LCS dup, rec	5/5/2017	Pesticide	Diazinon	n/a	=	96	%	EPA 525.2	-88	-88	30	120	
2016/17-6	Lab	LCS, RPD	5/5/2017	Pesticide	Diazinon	n/a	=	1	%	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	
2016/17-6	Lab	method blank	5/16/2017	Pesticide	Diazinon	n/a	DNQ	0.0069	µg/L	EPA 525.2m	0.0052	0.01			IP
2016/17-6	Lab	LCS	5/16/2017	Pesticide	Diazinon	n/a	=	0.0495	µg/L	EPA 525.2m	0.0052	0.01			
2016/17-6	Lab	LCS, rec	5/16/2017	Pesticide	Diazinon	n/a	=	99	%	EPA 525.2m	-88	-88	43	152	
2016/17-6	Lab	method blank	5/24/2017	Pesticide	Diazinon	n/a	<	0.0052	µg/L	EPA 525.2m	0.0052	0.01			
2016/17-6	Lab	LCS	5/24/2017	Pesticide	Diazinon	n/a	=	0.0395	µg/L	EPA 525.2m	0.0052	0.01			
2016/17-6	Lab	LCS, rec	5/24/2017	Pesticide	Diazinon	n/a	=	79	%	EPA 525.2m	-88	-88	43	152	
2016/17-6	Lab	method blank	5/24/2017	Pesticide	Diazinon	n/a	<	0.096	µg/L	EPA 525.2	0.096	0.1			
2016/17-6	Lab	LCS	5/24/2017	Pesticide	Diazinon	n/a	=	4.98	µg/L	EPA 525.2	0.096	0.1			
2016/17-6	Lab	LCS, rec	5/24/2017	Pesticide	Diazinon	n/a	=	100	%	EPA 525.2	-88	-88	30	120	
2016/17-6	Lab	LCS dup	5/24/2017	Pesticide	Diazinon	n/a	=	4.95	µg/L	EPA 525.2	0.096	0.1			
2016/17-6	Lab	LCS dup, rec	5/24/2017	Pesticide	Diazinon	n/a	=	99	%	EPA 525.2	-88	-88	30	120	
2016/17-6	Lab	LCS, RPD	5/24/2017	Pesticide	Diazinon	n/a	=	0.7	%	EPA 525.2	-88	-88	0	30	
2016/17-6	Lab	method blank	5/25/2017	Pesticide	Diazinon	n/a	<	0.0052	µg/L	EPA 525.2m	0.0052	0.01			
2016/17-6	Lab	LCS	5/25/2017	Pesticide	Diazinon	n/a	=	0.0383	µg/L	EPA 525.2m	0.0052	0.01			
2016/17-6	Lab	LCS, rec	5/25/2017	Pesticide	Diazinon	n/a	=	77	%	EPA 525.2m	-88	-88	43	152	
2016/17-6	Lab	method blank	6/15/2017	Pesticide	Diazinon	n/a	<	0.096	µg/L	EPA 525.2	0.096	0.1			
2016/17-6	Lab	LCS	6/15/2017	Pesticide	Diazinon	n/a	=	4.98	µg/L	EPA 525.2	0.096	0.1			
2016/17-6	Lab	LCS, rec	6/15/2017	Pesticide	Diazinon	n/a	=	100	%	EPA 525.2	-88	-88	30	120	
2016/17-6	Lab	LCS dup	6/15/2017	Pesticide	Diazinon	n/a	=	5.09	µg/L	EPA 525.2	0.096	0.1			
2016/17-6	Lab	LCS dup, rec	6/15/2017	Pesticide	Diazinon	n/a	=	102	%	EPA 525.2	-88	-88	30	120	
2016/17-6	Lab	LCS, RPD	6/15/2017	Pesticide	Diazinon	n/a	=	2	%	EPA 525.2	-88	-88	0	30	
2016/17-6	000NONPJ	matrix spike	5/12/2017	Pesticide	Dicamba	n/a	=	9.81	µg/L	EPA 515.3	0.12	0.6			
2016/17-6	000NONPJ	matrix spike, rec	5/12/2017	Pesticide	Dicamba	n/a	=	123	%	EPA 515.3	-88	-88	70	130	
2016/17-6	000NONPJ	matrix spike dup	5/12/2017	Pesticide	Dicamba	n/a	=	10.1	µg/L	EPA 515.3	0.12	0.6			
2016/17-6	000NONPJ	matrix spike dup, rec	5/12/2017	Pesticide	Dicamba	n/a	=	126	%	EPA 515.3	-88	-88	70	130	
2016/17-6	000NONPJ	matrix spike, RPD	5/12/2017	Pesticide	Dicamba	n/a	=	3	%	EPA 515.3	-88	-88	0	30	
2016/17-6	000NONPJ	matrix spike	5/12/2017	Pesticide	Dicamba	n/a	=	9.66	µg/L	EPA 515.3	0.12	0.6			
2016/17-6	000NONPJ	matrix spike, rec	5/12/2017	Pesticide	Dicamba	n/a	=	121	%	EPA 515.3	-88	-88	70	130	
2016/17-6	000NONPJ	matrix spike dup	5/12/2017	Pesticide	Dicamba	n/a	=	9.73	µg/L	EPA 515.3	0.12	0.6			
2016/17-6	000NONPJ	matrix spike dup, rec	5/12/2017	Pesticide	Dicamba	n/a	=	122	%	EPA 515.3	-88	-88	70	130	
2016/17-6	000NONPJ	matrix spike, RPD	5/12/2017	Pesticide	Dicamba	n/a	=	0.7	%	EPA 515.3	-88	-88	0	30	
2016/17-6	000NONPJ	matrix spike	5/23/2017	Pesticide	Dicamba	n/a	=	8.19	µg/L	EPA 515.3	0.12	0.6			
2016/17-6	000NONPJ	matrix spike, rec	5/23/2017	Pesticide	Dicamba	n/a	=	102	%	EPA 515.3	-88	-88	70	130	
2016/17-6	000NONPJ	matrix spike dup	5/23/2017	Pesticide	Dicamba	n/a	=	8.44	µg/L	EPA 515.3	0.12	0.6			
2016/17-6	000NONPJ	matrix spike dup, rec	5/23/2017	Pesticide	Dicamba	n/a	=	105	%	EPA 515.3	-88	-88	70	130	
2016/17-6	000NONPJ	matrix spike, RPD	5/23/2017	Pesticide	Dicamba	n/a	=	3	%	EPA 515.3	-88	-88	0	30	
2016/17-6	000NONPJ	matrix spike	5/23/2017	Pesticide	Dicamba	n/a	=	7.99	µg/L	EPA 515.3	0.12	0.6			
2016/17-6	000NONPJ	matrix spike, rec	5/23/2017	Pesticide	Dicamba	n/a	=	100	%	EPA 515.3	-88	-88	70	130	
2016/17-6	000NONPJ	matrix spike dup	5/23/2017	Pesticide	Dicamba	n/a	=	8.13	µg/L	EPA 515.3	0.12	0.6			
2016/17-6	000NONPJ	matrix spike dup, rec	5/23/2017	Pesticide	Dicamba	n/a	=	102	%	EPA 515.3	-88	-88	70	130	
2016/17-6	000NONPJ	matrix spike, RPD	5/23/2017	Pesticide	Dicamba	n/a	=	2	%	EPA 515.3	-88	-88	0	30	
2016/17-6	000NONPJ	matrix spike	5/25/2017	Pesticide	Dicamba	n/a	=	8.65	µg/L	EPA 515.3	0.12	0.6			
2016/17-6	000NONPJ	matrix spike, rec	5/25/2017	Pesticide	Dicamba	n/a	=	108	%	EPA 515.3	-88	-88	70	130	
2016/17-6	000NONPJ	matrix spike dup	5/25/2017	Pesticide	Dicamba	n/a	=	8.65	µg/L	EPA 515.3	0.12	0.6			
2016/17-6	000NONPJ	matrix spike dup, rec	5/25/2017	Pesticide	Dicamba	n/a	=	108	%	EPA 515.3	-88	-88	70	130	
2016/17-6	000NONPJ	matrix spike, RPD	5/25/2017	Pesticide	Dicamba	n/a	=	0.03	%	EPA 515.3	-88	-88	0	30	
2016/17-6	Lab	method blank	5/12/2017	Pesticide	Dicamba	n/a	<	0.12	µg/L	EPA 515.3	0.12	0.6			

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2016/17-6	Lab	LCS	5/12/2017	Pesticide	Dicamba	n/a	=	9.7	µg/L	EPA 515.3	0.12	0.6			
2016/17-6	Lab	LCS, rec	5/12/2017	Pesticide	Dicamba	n/a	=	121	%	EPA 515.3	-88	-88	70	130	
2016/17-6	Lab	method blank	5/23/2017	Pesticide	Dicamba	n/a	<	0.12	µg/L	EPA 515.3	0.12	0.6			
2016/17-6	Lab	LCS	5/23/2017	Pesticide	Dicamba	n/a	=	8.13	µg/L	EPA 515.3	0.12	0.6			
2016/17-6	Lab	LCS, rec	5/23/2017	Pesticide	Dicamba	n/a	=	102	%	EPA 515.3	-88	-88	70	130	
2016/17-6	Lab	method blank	5/23/2017	Pesticide	Dicamba	n/a	<	0.12	µg/L	EPA 515.3	0.12	0.6			
2016/17-6	Lab	LCS	5/23/2017	Pesticide	Dicamba	n/a	=	7.95	µg/L	EPA 515.3	0.12	0.6			
2016/17-6	Lab	LCS, rec	5/23/2017	Pesticide	Dicamba	n/a	=	99	%	EPA 515.3	-88	-88	70	130	
2016/17-6	Lab	method blank	5/24/2017	Pesticide	Dicamba	n/a	<	0.12	µg/L	EPA 515.3	0.12	0.6			
2016/17-6	Lab	LCS	5/24/2017	Pesticide	Dicamba	n/a	=	8.17	µg/L	EPA 515.3	0.12	0.6			
2016/17-6	Lab	LCS, rec	5/24/2017	Pesticide	Dicamba	n/a	=	102	%	EPA 515.3	-88	-88	70	130	
2016/17-6	Lab	method blank	5/25/2017	Pesticide	Dicamba	n/a	<	0.12	µg/L	EPA 515.3	0.12	0.6			
2016/17-6	Lab	LCS	5/25/2017	Pesticide	Dicamba	n/a	=	8.57	µg/L	EPA 515.3	0.12	0.6			
2016/17-6	Lab	LCS, rec	5/25/2017	Pesticide	Dicamba	n/a	=	107	%	EPA 515.3	-88	-88	70	130	
2016/17-6	000NONPJ	matrix spike	5/12/2017	Pesticide	Dichlorprop	n/a	=	9.08	µg/L	EPA 515.3	0.08	0.3			
2016/17-6	000NONPJ	matrix spike, rec	5/12/2017	Pesticide	Dichlorprop	n/a	=	113	%	EPA 515.3	-88	-88	70	130	
2016/17-6	000NONPJ	matrix spike dup	5/12/2017	Pesticide	Dichlorprop	n/a	=	9.24	µg/L	EPA 515.3	0.08	0.3			
2016/17-6	000NONPJ	matrix spike dup, rec	5/12/2017	Pesticide	Dichlorprop	n/a	=	116	%	EPA 515.3	-88	-88	70	130	
2016/17-6	000NONPJ	matrix spike, RPD	5/12/2017	Pesticide	Dichlorprop	n/a	=	2	%	EPA 515.3	-88	-88	0	30	
2016/17-6	000NONPJ	matrix spike	5/12/2017	Pesticide	Dichlorprop	n/a	=	10.2	µg/L	EPA 515.3	0.08	0.3			
2016/17-6	000NONPJ	matrix spike, rec	5/12/2017	Pesticide	Dichlorprop	n/a	=	127	%	EPA 515.3	-88	-88	70	130	
2016/17-6	000NONPJ	matrix spike dup	5/12/2017	Pesticide	Dichlorprop	n/a	=	10.1	µg/L	EPA 515.3	0.08	0.3			
2016/17-6	000NONPJ	matrix spike dup, rec	5/12/2017	Pesticide	Dichlorprop	n/a	=	126	%	EPA 515.3	-88	-88	70	130	
2016/17-6	000NONPJ	matrix spike, RPD	5/12/2017	Pesticide	Dichlorprop	n/a	=	0.7	%	EPA 515.3	-88	-88	0	30	
2016/17-6	000NONPJ	matrix spike	5/23/2017	Pesticide	Dichlorprop	n/a	=	8.5	µg/L	EPA 515.3	0.08	0.3			
2016/17-6	000NONPJ	matrix spike, rec	5/23/2017	Pesticide	Dichlorprop	n/a	=	106	%	EPA 515.3	-88	-88	70	130	
2016/17-6	000NONPJ	matrix spike dup	5/23/2017	Pesticide	Dichlorprop	n/a	=	8.76	µg/L	EPA 515.3	0.08	0.3			
2016/17-6	000NONPJ	matrix spike dup, rec	5/23/2017	Pesticide	Dichlorprop	n/a	=	109	%	EPA 515.3	-88	-88	70	130	
2016/17-6	000NONPJ	matrix spike, RPD	5/23/2017	Pesticide	Dichlorprop	n/a	=	3	%	EPA 515.3	-88	-88	0	30	
2016/17-6	000NONPJ	matrix spike	5/23/2017	Pesticide	Dichlorprop	n/a	=	8.18	µg/L	EPA 515.3	0.08	0.3			
2016/17-6	000NONPJ	matrix spike, rec	5/23/2017	Pesticide	Dichlorprop	n/a	=	102	%	EPA 515.3	-88	-88	70	130	
2016/17-6	000NONPJ	matrix spike dup	5/23/2017	Pesticide	Dichlorprop	n/a	=	8.25	µg/L	EPA 515.3	0.08	0.3			
2016/17-6	000NONPJ	matrix spike dup, rec	5/23/2017	Pesticide	Dichlorprop	n/a	=	103	%	EPA 515.3	-88	-88	70	130	
2016/17-6	000NONPJ	matrix spike, RPD	5/23/2017	Pesticide	Dichlorprop	n/a	=	0.8	%	EPA 515.3	-88	-88	0	30	
2016/17-6	000NONPJ	matrix spike	5/25/2017	Pesticide	Dichlorprop	n/a	=	9.25	µg/L	EPA 515.3	0.08	0.3			
2016/17-6	000NONPJ	matrix spike, rec	5/25/2017	Pesticide	Dichlorprop	n/a	=	116	%	EPA 515.3	-88	-88	70	130	
2016/17-6	000NONPJ	matrix spike dup	5/25/2017	Pesticide	Dichlorprop	n/a	=	8.96	µg/L	EPA 515.3	0.08	0.3			
2016/17-6	000NONPJ	matrix spike dup, rec	5/25/2017	Pesticide	Dichlorprop	n/a	=	112	%	EPA 515.3	-88	-88	70	130	
2016/17-6	000NONPJ	matrix spike, RPD	5/25/2017	Pesticide	Dichlorprop	n/a	=	3	%	EPA 515.3	-88	-88	0	30	
2016/17-6	Lab	method blank	5/12/2017	Pesticide	Dichlorprop	n/a	<	0.08	µg/L	EPA 515.3	0.08	0.3			
2016/17-6	Lab	LCS	5/12/2017	Pesticide	Dichlorprop	n/a	=	10.1	µg/L	EPA 515.3	0.08	0.3			
2016/17-6	Lab	LCS, rec	5/12/2017	Pesticide	Dichlorprop	n/a	=	127	%	EPA 515.3	-88	-88	70	130	
2016/17-6	Lab	method blank	5/23/2017	Pesticide	Dichlorprop	n/a	<	0.08	µg/L	EPA 515.3	0.08	0.3			
2016/17-6	Lab	LCS	5/23/2017	Pesticide	Dichlorprop	n/a	=	8.46	µg/L	EPA 515.3	0.08	0.3			
2016/17-6	Lab	LCS, rec	5/23/2017	Pesticide	Dichlorprop	n/a	=	106	%	EPA 515.3	-88	-88	70	130	
2016/17-6	Lab	method blank	5/23/2017	Pesticide	Dichlorprop	n/a	<	0.08	µg/L	EPA 515.3	0.08	0.3			
2016/17-6	Lab	LCS	5/23/2017	Pesticide	Dichlorprop	n/a	=	7.98	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	
2016/17-6	Lab	LCS, rec	5/23/2017	Pesticide	Dichlorprop	n/a	=	100	%	EPA 515.3	-88	-88	70	130	
2016/17-6	Lab	method blank	5/24/2017	Pesticide	Dichlorprop	n/a	<	0.08	µg/L	EPA 515.3	0.08	0.3			
2016/17-6	Lab	LCS	5/24/2017	Pesticide	Dichlorprop	n/a	=	8.03	µg/L	EPA 515.3	0.08	0.3			
2016/17-6	Lab	LCS, rec	5/24/2017	Pesticide	Dichlorprop	n/a	=	100	%	EPA 515.3	-88	-88	70	130	
2016/17-6	Lab	method blank	5/25/2017	Pesticide	Dichlorprop	n/a	<	0.08	µg/L	EPA 515.3	0.08	0.3			
2016/17-6	Lab	LCS	5/25/2017	Pesticide	Dichlorprop	n/a	=	8.8	µg/L	EPA 515.3	0.08	0.3			
2016/17-6	Lab	LCS, rec	5/25/2017	Pesticide	Dichlorprop	n/a	=	110	%	EPA 515.3	-88	-88	70	130	
2016/17-6	000NONPJ	matrix spike	5/16/2017	Pesticide	Dichlorvos	n/a	=	0.0668	µg/L	EPA 525.2m	0.0029	0.01			
2016/17-6	000NONPJ	matrix spike, rec	5/16/2017	Pesticide	Dichlorvos	n/a	=	134	%	EPA 525.2m	-88	-88	42	137	
2016/17-6	000NONPJ	matrix spike dup	5/16/2017	Pesticide	Dichlorvos	n/a	=	0.0882	µg/L	EPA 525.2m	0.0029	0.01			EST,GB
2016/17-6	000NONPJ	matrix spike dup, rec	5/16/2017	Pesticide	Dichlorvos	n/a	=	176	%	EPA 525.2m	-88	-88	42	137	EST,GB
2016/17-6	000NONPJ	matrix spike, RPD	5/16/2017	Pesticide	Dichlorvos	n/a	=	28	%	EPA 525.2m	-88	-88	0	30	EST
2016/17-6	000NONPJ	matrix spike	5/24/2017	Pesticide	Dichlorvos	n/a	=	0.0564	µg/L	EPA 525.2m	0.0029	0.01			
2016/17-6	000NONPJ	matrix spike, rec	5/24/2017	Pesticide	Dichlorvos	n/a	=	113	%	EPA 525.2m	-88	-88	42	137	
2016/17-6	000NONPJ	matrix spike dup	5/24/2017	Pesticide	Dichlorvos	n/a	=	0.0557	µg/L	EPA 525.2m	0.0029	0.01			
2016/17-6	000NONPJ	matrix spike dup, rec	5/24/2017	Pesticide	Dichlorvos	n/a	=	111	%	EPA 525.2m	-88	-88	42	137	
2016/17-6	000NONPJ	matrix spike, RPD	5/24/2017	Pesticide	Dichlorvos	n/a	=	1	%	EPA 525.2m	-88	-88	0	30	
2016/17-6	000NONPJ	matrix spike	5/25/2017	Pesticide	Dichlorvos	n/a	=	0.0566	µg/L	EPA 525.2m	0.0029	0.01			
2016/17-6	000NONPJ	matrix spike, rec	5/25/2017	Pesticide	Dichlorvos	n/a	=	113	%	EPA 525.2m	-88	-88	42	137	
2016/17-6	000NONPJ	matrix spike dup	5/25/2017	Pesticide	Dichlorvos	n/a	=	0.059	µg/L	EPA 525.2m	0.0029	0.01			
2016/17-6	000NONPJ	matrix spike dup, rec	5/25/2017	Pesticide	Dichlorvos	n/a	=	118	%	EPA 525.2m	-88	-88	42	137	
2016/17-6	000NONPJ	matrix spike, RPD	5/25/2017	Pesticide	Dichlorvos	n/a	=	4	%	EPA 525.2m	-88	-88	0	30	
2016/17-6	Lab	method blank	5/16/2017	Pesticide	Dichlorvos	n/a	<	0.0029	µg/L	EPA 525.2m	0.0029	0.01			
2016/17-6	Lab	LCS	5/16/2017	Pesticide	Dichlorvos	n/a	=	0.0484	µg/L	EPA 525.2m	0.0029	0.01			
2016/17-6	Lab	LCS, rec	5/16/2017	Pesticide	Dichlorvos	n/a	=	97	%	EPA 525.2m	-88	-88	46	133	
2016/17-6	Lab	method blank	5/24/2017	Pesticide	Dichlorvos	n/a	<	0.0029	µg/L	EPA 525.2m	0.0029	0.01			
2016/17-6	Lab	LCS	5/24/2017	Pesticide	Dichlorvos	n/a	=	0.0521	µg/L	EPA 525.2m	0.0029	0.01			
2016/17-6	Lab	LCS, rec	5/24/2017	Pesticide	Dichlorvos	n/a	=	104	%	EPA 525.2m	-88	-88	46	133	
2016/17-6	Lab	method blank	5/25/2017	Pesticide	Dichlorvos	n/a	<	0.0029	µg/L	EPA 525.2m	0.0029	0.01			
2016/17-6	Lab	LCS	5/25/2017	Pesticide	Dichlorvos	n/a	=	0.0478	µg/L	EPA 525.2m	0.0029	0.01			
2016/17-6	Lab	LCS, rec	5/25/2017	Pesticide	Dichlorvos	n/a	=	96	%	EPA 525.2m	-88	-88	46	133	
2016/17-6	000NONPJ	matrix spike	5/19/2017	Pesticide	Dieldrin	n/a	=	0.0888	µg/L	EPA 608	0.0042	0.02			
2016/17-6	000NONPJ	matrix spike, rec	5/19/2017	Pesticide	Dieldrin	n/a	=	89	%	EPA 608	-88	-88	27	132	
2016/17-6	000NONPJ	matrix spike dup	5/19/2017	Pesticide	Dieldrin	n/a	=	0.0837	µg/L	EPA 608	0.0042	0.02			
2016/17-6	000NONPJ	matrix spike dup, rec	5/19/2017	Pesticide	Dieldrin	n/a	=	84	%	EPA 608	-88	-88	27	132	
2016/17-6	000NONPJ	matrix spike, RPD	5/19/2017	Pesticide	Dieldrin	n/a	=	6	%	EPA 608	-88	-88	0	30	
2016/17-6	Lab	method blank	5/18/2017	Pesticide	Dieldrin	n/a	<	0.0021	µg/L	EPA 608	0.0021	0.01			
2016/17-6	Lab	LCS	5/19/2017	Pesticide	Dieldrin	n/a	=	0.107	µg/L	EPA 608	0.0021	0.01			
2016/17-6	Lab	LCS, rec	5/19/2017	Pesticide	Dieldrin	n/a	=	107	%	EPA 608	-88	-88	48	123	
2016/17-6	Lab	method blank	6/2/2017	Pesticide	Dieldrin	n/a	<	0.0021	µg/L	EPA 608	0.0021	0.01			
2016/17-6	Lab	LCS	6/2/2017	Pesticide	Dieldrin	n/a	=	0.0944	µg/L	EPA 608	0.0021	0.01			
2016/17-6	Lab	LCS, rec	6/2/2017	Pesticide	Dieldrin	n/a	=	94	%	EPA 608	-88	-88	48	123	
2016/17-6	Lab	LCS dup	6/2/2017	Pesticide	Dieldrin	n/a	=	0.0947	µg/L	EPA 608	0.0021	0.01			
2016/17-6	Lab	LCS dup, rec	6/2/2017	Pesticide	Dieldrin	n/a	=	95	%	EPA 608	-88	-88	48	123	
2016/17-6	Lab	LCS, RPD	6/2/2017	Pesticide	Dieldrin	n/a	=	0.3	%	EPA 608	-88	-88	0	30	
2016/17-6	Lab	method blank	6/6/2017	Pesticide	Dieldrin	n/a	<	0.0021	µg/L	EPA 608	0.0021	0.01			
2016/17-6	Lab	LCS	6/6/2017	Pesticide	Dieldrin	n/a	=	0.102	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	
2016/17-6	Lab	LCS, rec	6/6/2017	Pesticide	Dieldrin	n/a	=	102	%	EPA 608	-88	-88	48	123	
2016/17-6	Lab	LCS dup	6/6/2017	Pesticide	Dieldrin	n/a	=	0.105	µg/L	EPA 608	0.0021	0.01			
2016/17-6	Lab	LCS dup, rec	6/6/2017	Pesticide	Dieldrin	n/a	=	105	%	EPA 608	-88	-88	48	123	
2016/17-6	Lab	LCS, RPD	6/6/2017	Pesticide	Dieldrin	n/a	=	3	%	EPA 608	-88	-88	0	30	
2016/17-6	000NONPJ	matrix spike	5/16/2017	Pesticide	Dimethoate	n/a	=	0.146	µg/L	EPA 525.2m	0.0062	0.01			GB
2016/17-6	000NONPJ	matrix spike, rec	5/16/2017	Pesticide	Dimethoate	n/a	=	291	%	EPA 525.2m	-88	-88	4	222	GB
2016/17-6	000NONPJ	matrix spike dup	5/16/2017	Pesticide	Dimethoate	n/a	=	0.168	µg/L	EPA 525.2m	0.0062	0.01			EST,GB
2016/17-6	000NONPJ	matrix spike dup, rec	5/16/2017	Pesticide	Dimethoate	n/a	=	335	%	EPA 525.2m	-88	-88	4	222	EST,GB
2016/17-6	000NONPJ	matrix spike, RPD	5/16/2017	Pesticide	Dimethoate	n/a	=	14	%	EPA 525.2m	-88	-88	0	30	EST
2016/17-6	000NONPJ	matrix spike	5/24/2017	Pesticide	Dimethoate	n/a	=	0.0614	µg/L	EPA 525.2m	0.0062	0.01			
2016/17-6	000NONPJ	matrix spike, rec	5/24/2017	Pesticide	Dimethoate	n/a	=	123	%	EPA 525.2m	-88	-88	4	222	
2016/17-6	000NONPJ	matrix spike dup	5/24/2017	Pesticide	Dimethoate	n/a	=	0.0643	µg/L	EPA 525.2m	0.0062	0.01			
2016/17-6	000NONPJ	matrix spike dup, rec	5/24/2017	Pesticide	Dimethoate	n/a	=	129	%	EPA 525.2m	-88	-88	4	222	
2016/17-6	000NONPJ	matrix spike, RPD	5/24/2017	Pesticide	Dimethoate	n/a	=	5	%	EPA 525.2m	-88	-88	0	30	
2016/17-6	000NONPJ	matrix spike	5/25/2017	Pesticide	Dimethoate	n/a	=	0.0791	µg/L	EPA 525.2m	0.0062	0.01			
2016/17-6	000NONPJ	matrix spike, rec	5/25/2017	Pesticide	Dimethoate	n/a	=	158	%	EPA 525.2m	-88	-88	4	222	
2016/17-6	000NONPJ	matrix spike dup	5/25/2017	Pesticide	Dimethoate	n/a	=	0.0862	µg/L	EPA 525.2m	0.0062	0.01			
2016/17-6	000NONPJ	matrix spike dup, rec	5/25/2017	Pesticide	Dimethoate	n/a	=	172	%	EPA 525.2m	-88	-88	4	222	
2016/17-6	000NONPJ	matrix spike, RPD	5/25/2017	Pesticide	Dimethoate	n/a	=	9	%	EPA 525.2m	-88	-88	0	30	
2016/17-6	Lab	method blank	5/5/2017	Pesticide	Dimethoate	n/a	<	0.024	µg/L	EPA 525.2	0.024	0.2			
2016/17-6	Lab	LCS	5/5/2017	Pesticide	Dimethoate	n/a	=	3.35	µg/L	EPA 525.2	0.024	0.2			
2016/17-6	Lab	LCS, rec	5/5/2017	Pesticide	Dimethoate	n/a	=	67	%	EPA 525.2	-88	-88	38	102	
2016/17-6	Lab	LCS dup	5/5/2017	Pesticide	Dimethoate	n/a	=	3.29	µg/L	EPA 525.2	0.024	0.2			
2016/17-6	Lab	LCS dup, rec	5/5/2017	Pesticide	Dimethoate	n/a	=	66	%	EPA 525.2	-88	-88	38	102	
2016/17-6	Lab	LCS, RPD	5/5/2017	Pesticide	Dimethoate	n/a	=	2	%	EPA 525.2	-88	-88	0	30	
2016/17-6	Lab	method blank	5/16/2017	Pesticide	Dimethoate	n/a	<	0.0062	µg/L	EPA 525.2m	0.0062	0.01			
2016/17-6	Lab	LCS	5/16/2017	Pesticide	Dimethoate	n/a	=	0.0331	µg/L	EPA 525.2m	0.0062	0.01			
2016/17-6	Lab	LCS, rec	5/16/2017	Pesticide	Dimethoate	n/a	=	66	%	EPA 525.2m	-88	-88	10	234	
2016/17-6	Lab	method blank	5/24/2017	Pesticide	Dimethoate	n/a	<	0.0062	µg/L	EPA 525.2m	0.0062	0.01			
2016/17-6	Lab	LCS	5/24/2017	Pesticide	Dimethoate	n/a	=	0.0489	µg/L	EPA 525.2m	0.0062	0.01			
2016/17-6	Lab	LCS, rec	5/24/2017	Pesticide	Dimethoate	n/a	=	98	%	EPA 525.2m	-88	-88	10	234	
2016/17-6	Lab	method blank	5/24/2017	Pesticide	Dimethoate	n/a	<	0.024	µg/L	EPA 525.2	0.024	0.2			
2016/17-6	Lab	LCS	5/24/2017	Pesticide	Dimethoate	n/a	=	3.71	µg/L	EPA 525.2	0.024	0.2			
2016/17-6	Lab	LCS, rec	5/24/2017	Pesticide	Dimethoate	n/a	=	74	%	EPA 525.2	-88	-88	38	102	
2016/17-6	Lab	LCS dup	5/24/2017	Pesticide	Dimethoate	n/a	=	3.69	µg/L	EPA 525.2	0.024	0.2			
2016/17-6	Lab	LCS dup, rec	5/24/2017	Pesticide	Dimethoate	n/a	=	74	%	EPA 525.2	-88	-88	38	102	
2016/17-6	Lab	LCS, RPD	5/24/2017	Pesticide	Dimethoate	n/a	=	0.5	%	EPA 525.2	-88	-88	0	30	
2016/17-6	Lab	method blank	5/25/2017	Pesticide	Dimethoate	n/a	<	0.0062	µg/L	EPA 525.2m	0.0062	0.01			
2016/17-6	Lab	LCS	5/25/2017	Pesticide	Dimethoate	n/a	=	0.0473	µg/L	EPA 525.2m	0.0062	0.01			
2016/17-6	Lab	LCS, rec	5/25/2017	Pesticide	Dimethoate	n/a	=	95	%	EPA 525.2m	-88	-88	10	234	
2016/17-6	Lab	method blank	6/15/2017	Pesticide	Dimethoate	n/a	<	0.024	µg/L	EPA 525.2	0.024	0.2			
2016/17-6	Lab	LCS	6/15/2017	Pesticide	Dimethoate	n/a	=	4.36	µg/L	EPA 525.2	0.024	0.2			
2016/17-6	Lab	LCS, rec	6/15/2017	Pesticide	Dimethoate	n/a	=	87	%	EPA 525.2	-88	-88	38	102	
2016/17-6	Lab	LCS dup	6/15/2017	Pesticide	Dimethoate	n/a	=	4	µg/L	EPA 525.2	0.024	0.2			
2016/17-6	Lab	LCS dup, rec	6/15/2017	Pesticide	Dimethoate	n/a	=	80	%	EPA 525.2	-88	-88	38	102	
2016/17-6	Lab	LCS, RPD	6/15/2017	Pesticide	Dimethoate	n/a	=	9	%	EPA 525.2	-88	-88	0	30	
2016/17-6	000NONPJ	matrix spike	5/12/2017	Pesticide	Dinoseb	n/a	=	5.11	µg/L	EPA 515.3	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	
2016/17-6	000NONPJ	matrix spike, rec	5/12/2017	Pesticide	Dinoseb	n/a	=	128	%	EPA 515.3	-88	-88	70	130	
2016/17-6	000NONPJ	matrix spike dup	5/12/2017	Pesticide	Dinoseb	n/a	=	4.88	µg/L	EPA 515.3	0.14	0.4			
2016/17-6	000NONPJ	matrix spike dup, rec	5/12/2017	Pesticide	Dinoseb	n/a	=	122	%	EPA 515.3	-88	-88	70	130	
2016/17-6	000NONPJ	matrix spike, RPD	5/12/2017	Pesticide	Dinoseb	n/a	=	5	%	EPA 515.3	-88	-88	0	30	
2016/17-6	000NONPJ	matrix spike	5/12/2017	Pesticide	Dinoseb	n/a	=	4.65	µg/L	EPA 515.3	0.14	0.4			
2016/17-6	000NONPJ	matrix spike, rec	5/12/2017	Pesticide	Dinoseb	n/a	=	116	%	EPA 515.3	-88	-88	70	130	
2016/17-6	000NONPJ	matrix spike dup	5/12/2017	Pesticide	Dinoseb	n/a	=	4.78	µg/L	EPA 515.3	0.14	0.4			
2016/17-6	000NONPJ	matrix spike dup, rec	5/12/2017	Pesticide	Dinoseb	n/a	=	120	%	EPA 515.3	-88	-88	70	130	
2016/17-6	000NONPJ	matrix spike, RPD	5/12/2017	Pesticide	Dinoseb	n/a	=	3	%	EPA 515.3	-88	-88	0	30	
2016/17-6	000NONPJ	matrix spike	5/23/2017	Pesticide	Dinoseb	n/a	=	4.17	µg/L	EPA 515.3	0.14	0.4			
2016/17-6	000NONPJ	matrix spike, rec	5/23/2017	Pesticide	Dinoseb	n/a	=	104	%	EPA 515.3	-88	-88	70	130	
2016/17-6	000NONPJ	matrix spike dup	5/23/2017	Pesticide	Dinoseb	n/a	=	4.33	µg/L	EPA 515.3	0.14	0.4			
2016/17-6	000NONPJ	matrix spike dup, rec	5/23/2017	Pesticide	Dinoseb	n/a	=	108	%	EPA 515.3	-88	-88	70	130	
2016/17-6	000NONPJ	matrix spike, RPD	5/23/2017	Pesticide	Dinoseb	n/a	=	4	%	EPA 515.3	-88	-88	0	30	
2016/17-6	000NONPJ	matrix spike	5/23/2017	Pesticide	Dinoseb	n/a	=	4.2	µg/L	EPA 515.3	0.14	0.4			
2016/17-6	000NONPJ	matrix spike, rec	5/23/2017	Pesticide	Dinoseb	n/a	=	105	%	EPA 515.3	-88	-88	70	130	
2016/17-6	000NONPJ	matrix spike dup	5/23/2017	Pesticide	Dinoseb	n/a	=	4.12	µg/L	EPA 515.3	0.14	0.4			
2016/17-6	000NONPJ	matrix spike dup, rec	5/23/2017	Pesticide	Dinoseb	n/a	=	103	%	EPA 515.3	-88	-88	70	130	
2016/17-6	000NONPJ	matrix spike, RPD	5/23/2017	Pesticide	Dinoseb	n/a	=	2	%	EPA 515.3	-88	-88	0	30	
2016/17-6	000NONPJ	matrix spike	5/25/2017	Pesticide	Dinoseb	n/a	=	4.26	µg/L	EPA 515.3	0.14	0.4			
2016/17-6	000NONPJ	matrix spike, rec	5/25/2017	Pesticide	Dinoseb	n/a	=	107	%	EPA 515.3	-88	-88	70	130	
2016/17-6	000NONPJ	matrix spike dup	5/25/2017	Pesticide	Dinoseb	n/a	=	4.39	µg/L	EPA 515.3	0.14	0.4			
2016/17-6	000NONPJ	matrix spike dup, rec	5/25/2017	Pesticide	Dinoseb	n/a	=	110	%	EPA 515.3	-88	-88	70	130	
2016/17-6	000NONPJ	matrix spike, RPD	5/25/2017	Pesticide	Dinoseb	n/a	=	3	%	EPA 515.3	-88	-88	0	30	
2016/17-6	Lab	method blank	5/12/2017	Pesticide	Dinoseb	n/a	<	0.14	µg/L	EPA 515.3	0.14	0.4			
2016/17-6	Lab	LCS	5/12/2017	Pesticide	Dinoseb	n/a	=	4.75	µg/L	EPA 515.3	0.14	0.4			
2016/17-6	Lab	LCS, rec	5/12/2017	Pesticide	Dinoseb	n/a	=	119	%	EPA 515.3	-88	-88	70	130	
2016/17-6	Lab	method blank	5/23/2017	Pesticide	Dinoseb	n/a	<	0.14	µg/L	EPA 515.3	0.14	0.4			
2016/17-6	Lab	LCS	5/23/2017	Pesticide	Dinoseb	n/a	=	4.22	µg/L	EPA 515.3	0.14	0.4			
2016/17-6	Lab	LCS, rec	5/23/2017	Pesticide	Dinoseb	n/a	=	105	%	EPA 515.3	-88	-88	70	130	
2016/17-6	Lab	method blank	5/23/2017	Pesticide	Dinoseb	n/a	<	0.14	µg/L	EPA 515.3	0.14	0.4			
2016/17-6	Lab	LCS	5/23/2017	Pesticide	Dinoseb	n/a	=	4.18	µg/L	EPA 515.3	0.14	0.4			
2016/17-6	Lab	LCS, rec	5/23/2017	Pesticide	Dinoseb	n/a	=	104	%	EPA 515.3	-88	-88	70	130	
2016/17-6	Lab	method blank	5/24/2017	Pesticide	Dinoseb	n/a	<	0.14	µg/L	EPA 515.3	0.14	0.4			
2016/17-6	Lab	LCS	5/24/2017	Pesticide	Dinoseb	n/a	=	4.14	µg/L	EPA 515.3	0.14	0.4			
2016/17-6	Lab	LCS, rec	5/24/2017	Pesticide	Dinoseb	n/a	=	104	%	EPA 515.3	-88	-88	70	130	
2016/17-6	Lab	method blank	5/25/2017	Pesticide	Dinoseb	n/a	<	0.14	µg/L	EPA 515.3	0.14	0.4			
2016/17-6	Lab	LCS	5/25/2017	Pesticide	Dinoseb	n/a	=	4.27	µg/L	EPA 515.3	0.14	0.4			
2016/17-6	Lab	LCS, rec	5/25/2017	Pesticide	Dinoseb	n/a	=	107	%	EPA 515.3	-88	-88	70	130	
2016/17-6	Lab	method blank	5/5/2017	Pesticide	Diphenamid	n/a	<	0.024	µg/L	EPA 525.2	0.024	0.1			
2016/17-6	Lab	LCS	5/5/2017	Pesticide	Diphenamid	n/a	=	5.39	µg/L	EPA 525.2	0.024	0.1			
2016/17-6	Lab	LCS, rec	5/5/2017	Pesticide	Diphenamid	n/a	=	108	%	EPA 525.2	-88	-88	77	124	
2016/17-6	Lab	LCS dup	5/5/2017	Pesticide	Diphenamid	n/a	=	5.49	µg/L	EPA 525.2	0.024	0.1			
2016/17-6	Lab	LCS dup, rec	5/5/2017	Pesticide	Diphenamid	n/a	=	110	%	EPA 525.2	-88	-88	77	124	
2016/17-6	Lab	LCS, RPD	5/5/2017	Pesticide	Diphenamid	n/a	=	2	%	EPA 525.2	-88	-88	0	30	
2016/17-6	Lab	method blank	5/24/2017	Pesticide	Diphenamid	n/a	<	0.024	µg/L	EPA 525.2	0.024	0.1			
2016/17-6	Lab	LCS	5/24/2017	Pesticide	Diphenamid	n/a	=	5.2	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	
2016/17-6	Lab	LCS, rec	5/24/2017	Pesticide	Diphenamid	n/a	=	104	%	EPA 525.2	-88	-88	77	124	
2016/17-6	Lab	LCS dup	5/24/2017	Pesticide	Diphenamid	n/a	=	5.28	µg/L	EPA 525.2	0.024	0.1			
2016/17-6	Lab	LCS dup, rec	5/24/2017	Pesticide	Diphenamid	n/a	=	106	%	EPA 525.2	-88	-88	77	124	
2016/17-6	Lab	LCS, RPD	5/24/2017	Pesticide	Diphenamid	n/a	=	2	%	EPA 525.2	-88	-88	0	30	
2016/17-6	Lab	method blank	6/15/2017	Pesticide	Diphenamid	n/a	<	0.024	µg/L	EPA 525.2	0.024	0.1			
2016/17-6	Lab	LCS	6/15/2017	Pesticide	Diphenamid	n/a	=	5.53	µg/L	EPA 525.2	0.024	0.1			
2016/17-6	Lab	LCS, rec	6/15/2017	Pesticide	Diphenamid	n/a	=	111	%	EPA 525.2	-88	-88	77	124	
2016/17-6	Lab	LCS dup	6/15/2017	Pesticide	Diphenamid	n/a	=	5.46	µg/L	EPA 525.2	0.024	0.1			
2016/17-6	Lab	LCS dup, rec	6/15/2017	Pesticide	Diphenamid	n/a	=	109	%	EPA 525.2	-88	-88	77	124	
2016/17-6	Lab	LCS, RPD	6/15/2017	Pesticide	Diphenamid	n/a	=	1	%	EPA 525.2	-88	-88	0	30	
2016/17-6	000NONPJ	matrix spike	5/16/2017	Pesticide	Disulfoton	n/a	=	0.0139	µg/L	EPA 525.2m	0.01	0.01			
2016/17-6	000NONPJ	matrix spike, rec	5/16/2017	Pesticide	Disulfoton	n/a	=	28	%	EPA 525.2m	-88	-88	12	199	
2016/17-6	000NONPJ	matrix spike dup	5/16/2017	Pesticide	Disulfoton	n/a	<	0.01	µg/L	EPA 525.2m	0.01	0.01			EST,GB
2016/17-6	000NONPJ	matrix spike dup, rec	5/16/2017	Pesticide	Disulfoton	n/a	=	0	%	EPA 525.2m	-88	-88	12	199	EST,GB
2016/17-6	000NONPJ	matrix spike, RPD	5/16/2017	Pesticide	Disulfoton	n/a	=	200	%	EPA 525.2m	-88	-88	0	30	EST,IL
2016/17-6	000NONPJ	matrix spike	5/24/2017	Pesticide	Disulfoton	n/a	=	0.0384	µg/L	EPA 525.2m	0.01	0.01			
2016/17-6	000NONPJ	matrix spike, rec	5/24/2017	Pesticide	Disulfoton	n/a	=	77	%	EPA 525.2m	-88	-88	12	199	
2016/17-6	000NONPJ	matrix spike dup	5/24/2017	Pesticide	Disulfoton	n/a	=	0.0388	µg/L	EPA 525.2m	0.01	0.01			
2016/17-6	000NONPJ	matrix spike dup, rec	5/24/2017	Pesticide	Disulfoton	n/a	=	78	%	EPA 525.2m	-88	-88	12	199	
2016/17-6	000NONPJ	matrix spike, RPD	5/24/2017	Pesticide	Disulfoton	n/a	=	1	%	EPA 525.2m	-88	-88	0	30	
2016/17-6	000NONPJ	matrix spike	5/25/2017	Pesticide	Disulfoton	n/a	=	0.0577	µg/L	EPA 525.2m	0.01	0.01			
2016/17-6	000NONPJ	matrix spike, rec	5/25/2017	Pesticide	Disulfoton	n/a	=	115	%	EPA 525.2m	-88	-88	12	199	
2016/17-6	000NONPJ	matrix spike dup	5/25/2017	Pesticide	Disulfoton	n/a	=	0.0567	µg/L	EPA 525.2m	0.01	0.01			
2016/17-6	000NONPJ	matrix spike dup, rec	5/25/2017	Pesticide	Disulfoton	n/a	=	113	%	EPA 525.2m	-88	-88	12	199	
2016/17-6	000NONPJ	matrix spike, RPD	5/25/2017	Pesticide	Disulfoton	n/a	=	2	%	EPA 525.2m	-88	-88	0	30	
2016/17-6	Lab	method blank	5/5/2017	Pesticide	Disulfoton	n/a	<	0.031	µg/L	EPA 525.2	0.031	0.1			
2016/17-6	Lab	LCS	5/5/2017	Pesticide	Disulfoton	n/a	=	3.61	µg/L	EPA 525.2	0.031	0.1			
2016/17-6	Lab	LCS, rec	5/5/2017	Pesticide	Disulfoton	n/a	=	72	%	EPA 525.2	-88	-88	54	156	
2016/17-6	Lab	LCS dup	5/5/2017	Pesticide	Disulfoton	n/a	=	3.81	µg/L	EPA 525.2	0.031	0.1			
2016/17-6	Lab	LCS dup, rec	5/5/2017	Pesticide	Disulfoton	n/a	=	76	%	EPA 525.2	-88	-88	54	156	
2016/17-6	Lab	LCS, RPD	5/5/2017	Pesticide	Disulfoton	n/a	=	5	%	EPA 525.2	-88	-88	0	30	
2016/17-6	Lab	method blank	5/16/2017	Pesticide	Disulfoton	n/a	<	0.01	µg/L	EPA 525.2m	0.01	0.01			
2016/17-6	Lab	LCS	5/16/2017	Pesticide	Disulfoton	n/a	=	0.0359	µg/L	EPA 525.2m	0.01	0.01			
2016/17-6	Lab	LCS, rec	5/16/2017	Pesticide	Disulfoton	n/a	=	72	%	EPA 525.2m	-88	-88	0.1	212	
2016/17-6	Lab	method blank	5/24/2017	Pesticide	Disulfoton	n/a	<	0.01	µg/L	EPA 525.2m	0.01	0.01			
2016/17-6	Lab	LCS	5/24/2017	Pesticide	Disulfoton	n/a	=	0.0328	µg/L	EPA 525.2m	0.01	0.01			
2016/17-6	Lab	LCS, rec	5/24/2017	Pesticide	Disulfoton	n/a	=	66	%	EPA 525.2m	-88	-88	0.1	212	
2016/17-6	Lab	method blank	5/24/2017	Pesticide	Disulfoton	n/a	<	0.031	µg/L	EPA 525.2	0.031	0.1			
2016/17-6	Lab	LCS	5/24/2017	Pesticide	Disulfoton	n/a	=	3.88	µg/L	EPA 525.2	0.031	0.1			
2016/17-6	Lab	LCS, rec	5/24/2017	Pesticide	Disulfoton	n/a	=	78	%	EPA 525.2	-88	-88	54	156	
2016/17-6	Lab	LCS dup	5/24/2017	Pesticide	Disulfoton	n/a	=	3.65	µg/L	EPA 525.2	0.031	0.1			
2016/17-6	Lab	LCS dup, rec	5/24/2017	Pesticide	Disulfoton	n/a	=	73	%	EPA 525.2	-88	-88	54	156	
2016/17-6	Lab	LCS, RPD	5/24/2017	Pesticide	Disulfoton	n/a	=	6	%	EPA 525.2	-88	-88	0	30	
2016/17-6	Lab	method blank	5/25/2017	Pesticide	Disulfoton	n/a	<	0.01	µg/L	EPA 525.2m	0.01	0.01			
2016/17-6	Lab	LCS	5/25/2017	Pesticide	Disulfoton	n/a	=	0.0285	µg/L	EPA 525.2m	0.01	0.01			
2016/17-6	Lab	LCS, rec	5/25/2017	Pesticide	Disulfoton	n/a	=	57	%	EPA 525.2m	-88	-88	0.1	212	
2016/17-6	Lab	method blank	6/15/2017	Pesticide	Disulfoton	n/a	<	0.031	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	
2016/17-6	Lab	LCS	6/15/2017	Pesticide	Disulfoton	n/a	=	3.63	µg/L	EPA 525.2	0.031	0.1			
2016/17-6	Lab	LCS, rec	6/15/2017	Pesticide	Disulfoton	n/a	=	73	%	EPA 525.2	-88	-88	54	156	
2016/17-6	Lab	LCS dup	6/15/2017	Pesticide	Disulfoton	n/a	=	4.82	µg/L	EPA 525.2	0.031	0.1			
2016/17-6	Lab	LCS dup, rec	6/15/2017	Pesticide	Disulfoton	n/a	=	96	%	EPA 525.2	-88	-88	54	156	
2016/17-6	Lab	LCS, RPD	6/15/2017	Pesticide	Disulfoton	n/a	=	28	%	EPA 525.2	-88	-88	0	30	
2016/17-6	000NONPJ	matrix spike	5/19/2017	Pesticide	Endosulfan I	n/a	=	0.0835	µg/L	EPA 608	0.0034	0.04			
2016/17-6	000NONPJ	matrix spike, rec	5/19/2017	Pesticide	Endosulfan I	n/a	=	83	%	EPA 608	-88	-88	0.1	140	
2016/17-6	000NONPJ	matrix spike dup	5/19/2017	Pesticide	Endosulfan I	n/a	=	0.0783	µg/L	EPA 608	0.0034	0.04			
2016/17-6	000NONPJ	matrix spike dup, rec	5/19/2017	Pesticide	Endosulfan I	n/a	=	78	%	EPA 608	-88	-88	0.1	140	
2016/17-6	000NONPJ	matrix spike, RPD	5/19/2017	Pesticide	Endosulfan I	n/a	=	6	%	EPA 608	-88	-88	0	30	
2016/17-6	Lab	method blank	5/18/2017	Pesticide	Endosulfan I	n/a	<	0.0017	µg/L	EPA 608	0.0017	0.02			
2016/17-6	Lab	LCS	5/19/2017	Pesticide	Endosulfan I	n/a	=	0.101	µg/L	EPA 608	0.0017	0.02			
2016/17-6	Lab	LCS, rec	5/19/2017	Pesticide	Endosulfan I	n/a	=	101	%	EPA 608	-88	-88	14	131	
2016/17-6	Lab	method blank	6/2/2017	Pesticide	Endosulfan I	n/a	<	0.0017	µg/L	EPA 608	0.0017	0.02			
2016/17-6	Lab	LCS	6/2/2017	Pesticide	Endosulfan I	n/a	=	0.085	µg/L	EPA 608	0.0017	0.02			
2016/17-6	Lab	LCS, rec	6/2/2017	Pesticide	Endosulfan I	n/a	=	85	%	EPA 608	-88	-88	14	131	
2016/17-6	Lab	LCS dup	6/2/2017	Pesticide	Endosulfan I	n/a	=	0.0846	µg/L	EPA 608	0.0017	0.02			
2016/17-6	Lab	LCS dup, rec	6/2/2017	Pesticide	Endosulfan I	n/a	=	85	%	EPA 608	-88	-88	14	131	
2016/17-6	Lab	LCS, RPD	6/2/2017	Pesticide	Endosulfan I	n/a	=	0.5	%	EPA 608	-88	-88	0	30	
2016/17-6	Lab	method blank	6/6/2017	Pesticide	Endosulfan I	n/a	<	0.0017	µg/L	EPA 608	0.0017	0.02			
2016/17-6	Lab	LCS	6/6/2017	Pesticide	Endosulfan I	n/a	=	0.0914	µg/L	EPA 608	0.0017	0.02			
2016/17-6	Lab	LCS, rec	6/6/2017	Pesticide	Endosulfan I	n/a	=	91	%	EPA 608	-88	-88	14	131	
2016/17-6	Lab	LCS dup	6/6/2017	Pesticide	Endosulfan I	n/a	=	0.0944	µg/L	EPA 608	0.0017	0.02			
2016/17-6	Lab	LCS dup, rec	6/6/2017	Pesticide	Endosulfan I	n/a	=	94	%	EPA 608	-88	-88	14	131	
2016/17-6	Lab	LCS, RPD	6/6/2017	Pesticide	Endosulfan I	n/a	=	3	%	EPA 608	-88	-88	0	30	
2016/17-6	000NONPJ	matrix spike	5/19/2017	Pesticide	Endosulfan II	n/a	=	0.0885	µg/L	EPA 608	0.0038	0.02			
2016/17-6	000NONPJ	matrix spike, rec	5/19/2017	Pesticide	Endosulfan II	n/a	=	89	%	EPA 608	-88	-88	17	122	
2016/17-6	000NONPJ	matrix spike dup	5/19/2017	Pesticide	Endosulfan II	n/a	=	0.0869	µg/L	EPA 608	0.0038	0.02			
2016/17-6	000NONPJ	matrix spike dup, rec	5/19/2017	Pesticide	Endosulfan II	n/a	=	87	%	EPA 608	-88	-88	17	122	
2016/17-6	000NONPJ	matrix spike, RPD	5/19/2017	Pesticide	Endosulfan II	n/a	=	2	%	EPA 608	-88	-88	0	30	
2016/17-6	Lab	method blank	5/18/2017	Pesticide	Endosulfan II	n/a	<	0.0019	µg/L	EPA 608	0.0019	0.01			
2016/17-6	Lab	LCS	5/19/2017	Pesticide	Endosulfan II	n/a	=	0.107	µg/L	EPA 608	0.0019	0.01			
2016/17-6	Lab	LCS, rec	5/19/2017	Pesticide	Endosulfan II	n/a	=	107	%	EPA 608	-88	-88	40	121	
2016/17-6	Lab	method blank	6/2/2017	Pesticide	Endosulfan II	n/a	<	0.0019	µg/L	EPA 608	0.0019	0.01			
2016/17-6	Lab	LCS	6/2/2017	Pesticide	Endosulfan II	n/a	=	0.0896	µg/L	EPA 608	0.0019	0.01			
2016/17-6	Lab	LCS, rec	6/2/2017	Pesticide	Endosulfan II	n/a	=	90	%	EPA 608	-88	-88	40	121	
2016/17-6	Lab	LCS dup	6/2/2017	Pesticide	Endosulfan II	n/a	=	0.0903	µg/L	EPA 608	0.0019	0.01			
2016/17-6	Lab	LCS dup, rec	6/2/2017	Pesticide	Endosulfan II	n/a	=	90	%	EPA 608	-88	-88	40	121	
2016/17-6	Lab	LCS, RPD	6/2/2017	Pesticide	Endosulfan II	n/a	=	0.8	%	EPA 608	-88	-88	0	30	
2016/17-6	Lab	method blank	6/6/2017	Pesticide	Endosulfan II	n/a	<	0.0019	µg/L	EPA 608	0.0019	0.01			
2016/17-6	Lab	LCS	6/6/2017	Pesticide	Endosulfan II	n/a	=	0.0977	µg/L	EPA 608	0.0019	0.01			
2016/17-6	Lab	LCS, rec	6/6/2017	Pesticide	Endosulfan II	n/a	=	98	%	EPA 608	-88	-88	40	121	
2016/17-6	Lab	LCS dup	6/6/2017	Pesticide	Endosulfan II	n/a	=	0.0985	µg/L	EPA 608	0.0019	0.01			
2016/17-6	Lab	LCS dup, rec	6/6/2017	Pesticide	Endosulfan II	n/a	=	99	%	EPA 608	-88	-88	40	121	
2016/17-6	Lab	LCS, RPD	6/6/2017	Pesticide	Endosulfan II	n/a	=	0.8	%	EPA 608	-88	-88	0	30	
2016/17-6	000NONPJ	matrix spike	5/19/2017	Pesticide	Endosulfan sulfate	n/a	DNQ	0.0769	µg/L	EPA 608	0.016	0.1			
2016/17-6	000NONPJ	matrix spike, rec	5/19/2017	Pesticide	Endosulfan sulfate	n/a	=	77	%	EPA 608	-88	-88	37	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	
2016/17-6	000NONPJ	matrix spike dup	5/19/2017	Pesticide	Endosulfan sulfate	n/a	DNQ	0.0715	µg/L	EPA 608	0.016	0.1			
2016/17-6	000NONPJ	matrix spike dup, rec	5/19/2017	Pesticide	Endosulfan sulfate	n/a	=	71	%	EPA 608	-88	-88	37	131	
2016/17-6	000NONPJ	matrix spike, RPD	5/19/2017	Pesticide	Endosulfan sulfate	n/a	=	7	%	EPA 608	-88	-88	0	30	
2016/17-6	Lab	method blank	5/18/2017	Pesticide	Endosulfan sulfate	n/a	<	0.008	µg/L	EPA 608	0.008	0.05			
2016/17-6	Lab	LCS	5/19/2017	Pesticide	Endosulfan sulfate	n/a	=	0.101	µg/L	EPA 608	0.008	0.05			
2016/17-6	Lab	LCS, rec	5/19/2017	Pesticide	Endosulfan sulfate	n/a	=	101	%	EPA 608	-88	-88	44	140	
2016/17-6	Lab	method blank	6/2/2017	Pesticide	Endosulfan sulfate	n/a	<	0.008	µg/L	EPA 608	0.008	0.05			
2016/17-6	Lab	LCS	6/2/2017	Pesticide	Endosulfan sulfate	n/a	=	0.0792	µg/L	EPA 608	0.008	0.05			
2016/17-6	Lab	LCS, rec	6/2/2017	Pesticide	Endosulfan sulfate	n/a	=	79	%	EPA 608	-88	-88	44	140	
2016/17-6	Lab	LCS dup	6/2/2017	Pesticide	Endosulfan sulfate	n/a	=	0.0789	µg/L	EPA 608	0.008	0.05			
2016/17-6	Lab	LCS dup, rec	6/2/2017	Pesticide	Endosulfan sulfate	n/a	=	79	%	EPA 608	-88	-88	44	140	
2016/17-6	Lab	LCS, RPD	6/2/2017	Pesticide	Endosulfan sulfate	n/a	=	0.4	%	EPA 608	-88	-88	0	30	
2016/17-6	Lab	method blank	6/6/2017	Pesticide	Endosulfan sulfate	n/a	<	0.008	µg/L	EPA 608	0.008	0.05			
2016/17-6	Lab	LCS	6/6/2017	Pesticide	Endosulfan sulfate	n/a	=	0.0864	µg/L	EPA 608	0.008	0.05			
2016/17-6	Lab	LCS, rec	6/6/2017	Pesticide	Endosulfan sulfate	n/a	=	86	%	EPA 608	-88	-88	44	140	
2016/17-6	Lab	LCS dup	6/6/2017	Pesticide	Endosulfan sulfate	n/a	=	0.0951	µg/L	EPA 608	0.008	0.05			
2016/17-6	Lab	LCS dup, rec	6/6/2017	Pesticide	Endosulfan sulfate	n/a	=	95	%	EPA 608	-88	-88	44	140	
2016/17-6	Lab	LCS, RPD	6/6/2017	Pesticide	Endosulfan sulfate	n/a	=	10	%	EPA 608	-88	-88	0	30	
2016/17-6	000NONPJ	matrix spike	5/19/2017	Pesticide	Endrin	n/a	=	0.108	µg/L	EPA 608	0.0056	0.02			
2016/17-6	000NONPJ	matrix spike, rec	5/19/2017	Pesticide	Endrin	n/a	=	108	%	EPA 608	-88	-88	42	144	
2016/17-6	000NONPJ	matrix spike dup	5/19/2017	Pesticide	Endrin	n/a	=	0.101	µg/L	EPA 608	0.0056	0.02			
2016/17-6	000NONPJ	matrix spike dup, rec	5/19/2017	Pesticide	Endrin	n/a	=	101	%	EPA 608	-88	-88	42	144	
2016/17-6	000NONPJ	matrix spike, RPD	5/19/2017	Pesticide	Endrin	n/a	=	7	%	EPA 608	-88	-88	0	30	
2016/17-6	Lab	method blank	5/18/2017	Pesticide	Endrin	n/a	<	0.0028	µg/L	EPA 608	0.0028	0.01			
2016/17-6	Lab	LCS	5/19/2017	Pesticide	Endrin	n/a	=	0.118	µg/L	EPA 608	0.0028	0.01			
2016/17-6	Lab	LCS, rec	5/19/2017	Pesticide	Endrin	n/a	=	118	%	EPA 608	-88	-88	40	143	
2016/17-6	Lab	method blank	6/2/2017	Pesticide	Endrin	n/a	<	0.0028	µg/L	EPA 608	0.0028	0.01			
2016/17-6	Lab	LCS	6/2/2017	Pesticide	Endrin	n/a	=	0.0995	µg/L	EPA 608	0.0028	0.01			
2016/17-6	Lab	LCS, rec	6/2/2017	Pesticide	Endrin	n/a	=	99	%	EPA 608	-88	-88	40	143	
2016/17-6	Lab	LCS dup	6/2/2017	Pesticide	Endrin	n/a	=	0.0969	µg/L	EPA 608	0.0028	0.01			
2016/17-6	Lab	LCS dup, rec	6/2/2017	Pesticide	Endrin	n/a	=	97	%	EPA 608	-88	-88	40	143	
2016/17-6	Lab	LCS, RPD	6/2/2017	Pesticide	Endrin	n/a	=	3	%	EPA 608	-88	-88	0	30	
2016/17-6	Lab	method blank	6/6/2017	Pesticide	Endrin	n/a	<	0.0028	µg/L	EPA 608	0.0028	0.01			
2016/17-6	Lab	LCS	6/6/2017	Pesticide	Endrin	n/a	=	0.106	µg/L	EPA 608	0.0028	0.01			
2016/17-6	Lab	LCS, rec	6/6/2017	Pesticide	Endrin	n/a	=	106	%	EPA 608	-88	-88	40	143	
2016/17-6	Lab	LCS dup	6/6/2017	Pesticide	Endrin	n/a	=	0.105	µg/L	EPA 608	0.0028	0.01			
2016/17-6	Lab	LCS dup, rec	6/6/2017	Pesticide	Endrin	n/a	=	105	%	EPA 608	-88	-88	40	143	
2016/17-6	Lab	LCS, RPD	6/6/2017	Pesticide	Endrin	n/a	=	0.6	%	EPA 608	-88	-88	0	30	
2016/17-6	000NONPJ	matrix spike	5/19/2017	Pesticide	Endrin aldehyde	n/a	=	0.0666	µg/L	EPA 608	0.006	0.02			
2016/17-6	000NONPJ	matrix spike, rec	5/19/2017	Pesticide	Endrin aldehyde	n/a	=	67	%	EPA 608	-88	-88	11	113	
2016/17-6	000NONPJ	matrix spike dup	5/19/2017	Pesticide	Endrin aldehyde	n/a	=	0.0635	µg/L	EPA 608	0.006	0.02			
2016/17-6	000NONPJ	matrix spike dup, rec	5/19/2017	Pesticide	Endrin aldehyde	n/a	=	63	%	EPA 608	-88	-88	11	113	
2016/17-6	000NONPJ	matrix spike, RPD	5/19/2017	Pesticide	Endrin aldehyde	n/a	=	5	%	EPA 608	-88	-88	0	30	
2016/17-6	Lab	method blank	5/18/2017	Pesticide	Endrin aldehyde	n/a	<	0.003	µg/L	EPA 608	0.003	0.01			
2016/17-6	Lab	LCS	5/19/2017	Pesticide	Endrin aldehyde	n/a	=	0.102	µg/L	EPA 608	0.003	0.01			
2016/17-6	Lab	LCS, rec	5/19/2017	Pesticide	Endrin aldehyde	n/a	=	102	%	EPA 608	-88	-88	18	136	
2016/17-6	Lab	method blank	6/2/2017	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	
2016/17-6	Lab	LCS	6/2/2017	Pesticide	Endrin aldehyde	n/a	=	0.0895	µg/L	EPA 608	0.003	0.01			
2016/17-6	Lab	LCS, rec	6/2/2017	Pesticide	Endrin aldehyde	n/a	=	90	%	EPA 608	-88	-88	18	136	
2016/17-6	Lab	LCS dup	6/2/2017	Pesticide	Endrin aldehyde	n/a	=	0.0915	µg/L	EPA 608	0.003	0.01			
2016/17-6	Lab	LCS dup, rec	6/2/2017	Pesticide	Endrin aldehyde	n/a	=	92	%	EPA 608	-88	-88	18	136	
2016/17-6	Lab	LCS, RPD	6/2/2017	Pesticide	Endrin aldehyde	n/a	=	2	%	EPA 608	-88	-88	0	30	
2016/17-6	Lab	method blank	6/6/2017	Pesticide	Endrin aldehyde	n/a	<	0.003	µg/L	EPA 608	0.003	0.01			
2016/17-6	Lab	LCS	6/6/2017	Pesticide	Endrin aldehyde	n/a	=	0.0904	µg/L	EPA 608	0.003	0.01			
2016/17-6	Lab	LCS, rec	6/6/2017	Pesticide	Endrin aldehyde	n/a	=	90	%	EPA 608	-88	-88	18	136	
2016/17-6	Lab	LCS dup	6/6/2017	Pesticide	Endrin aldehyde	n/a	=	0.0893	µg/L	EPA 608	0.003	0.01			
2016/17-6	Lab	LCS dup, rec	6/6/2017	Pesticide	Endrin aldehyde	n/a	=	89	%	EPA 608	-88	-88	18	136	
2016/17-6	Lab	LCS, RPD	6/6/2017	Pesticide	Endrin aldehyde	n/a	=	1	%	EPA 608	-88	-88	0	30	
2016/17-6	Lab	method blank	5/5/2017	Pesticide	EPTC	n/a	<	0.017	µg/L	EPA 525.2	0.017	1			
2016/17-6	Lab	LCS	5/5/2017	Pesticide	EPTC	n/a	=	5.26	µg/L	EPA 525.2	0.017	1			
2016/17-6	Lab	LCS, rec	5/5/2017	Pesticide	EPTC	n/a	=	105	%	EPA 525.2	-88	-88	82	116	
2016/17-6	Lab	LCS dup	5/5/2017	Pesticide	EPTC	n/a	=	5.38	µg/L	EPA 525.2	0.017	1			
2016/17-6	Lab	LCS dup, rec	5/5/2017	Pesticide	EPTC	n/a	=	108	%	EPA 525.2	-88	-88	82	116	
2016/17-6	Lab	LCS, RPD	5/5/2017	Pesticide	EPTC	n/a	=	2	%	EPA 525.2	-88	-88	0	30	
2016/17-6	Lab	method blank	5/24/2017	Pesticide	EPTC	n/a	<	0.017	µg/L	EPA 525.2	0.017	1			
2016/17-6	Lab	LCS	5/24/2017	Pesticide	EPTC	n/a	=	5.17	µg/L	EPA 525.2	0.017	1			
2016/17-6	Lab	LCS, rec	5/24/2017	Pesticide	EPTC	n/a	=	103	%	EPA 525.2	-88	-88	82	116	
2016/17-6	Lab	LCS dup	5/24/2017	Pesticide	EPTC	n/a	=	5.28	µg/L	EPA 525.2	0.017	1			
2016/17-6	Lab	LCS dup, rec	5/24/2017	Pesticide	EPTC	n/a	=	106	%	EPA 525.2	-88	-88	82	116	
2016/17-6	Lab	LCS, RPD	5/24/2017	Pesticide	EPTC	n/a	=	2	%	EPA 525.2	-88	-88	0	30	
2016/17-6	Lab	method blank	6/15/2017	Pesticide	EPTC	n/a	<	0.017	µg/L	EPA 525.2	0.017	1			
2016/17-6	Lab	LCS	6/15/2017	Pesticide	EPTC	n/a	=	5.5	µg/L	EPA 525.2	0.017	1			
2016/17-6	Lab	LCS, rec	6/15/2017	Pesticide	EPTC	n/a	=	110	%	EPA 525.2	-88	-88	82	116	
2016/17-6	Lab	LCS dup	6/15/2017	Pesticide	EPTC	n/a	=	5.4	µg/L	EPA 525.2	0.017	1			
2016/17-6	Lab	LCS dup, rec	6/15/2017	Pesticide	EPTC	n/a	=	108	%	EPA 525.2	-88	-88	82	116	
2016/17-6	Lab	LCS, RPD	6/15/2017	Pesticide	EPTC	n/a	=	2	%	EPA 525.2	-88	-88	0	30	
2016/17-6	000NONPJ	matrix spike	5/16/2017	Pesticide	Ethoprop	n/a	=	0.0977	µg/L	EPA 525.2m	0.0067	0.01			GB
2016/17-6	000NONPJ	matrix spike, rec	5/16/2017	Pesticide	Ethoprop	n/a	=	195	%	EPA 525.2m	-88	-88	51	167	GB
2016/17-6	000NONPJ	matrix spike dup	5/16/2017	Pesticide	Ethoprop	n/a	=	0.138	µg/L	EPA 525.2m	0.0067	0.01			EST,GB
2016/17-6	000NONPJ	matrix spike dup, rec	5/16/2017	Pesticide	Ethoprop	n/a	=	275	%	EPA 525.2m	-88	-88	51	167	EST,GB
2016/17-6	000NONPJ	matrix spike, RPD	5/16/2017	Pesticide	Ethoprop	n/a	=	34	%	EPA 525.2m	-88	-88	0	30	EST,IL
2016/17-6	000NONPJ	matrix spike	5/24/2017	Pesticide	Ethoprop	n/a	=	0.048	µg/L	EPA 525.2m	0.0067	0.01			
2016/17-6	000NONPJ	matrix spike, rec	5/24/2017	Pesticide	Ethoprop	n/a	=	96	%	EPA 525.2m	-88	-88	51	167	
2016/17-6	000NONPJ	matrix spike dup	5/24/2017	Pesticide	Ethoprop	n/a	=	0.0467	µg/L	EPA 525.2m	0.0067	0.01			
2016/17-6	000NONPJ	matrix spike dup, rec	5/24/2017	Pesticide	Ethoprop	n/a	=	93	%	EPA 525.2m	-88	-88	51	167	
2016/17-6	000NONPJ	matrix spike, RPD	5/24/2017	Pesticide	Ethoprop	n/a	=	3	%	EPA 525.2m	-88	-88	0	30	
2016/17-6	000NONPJ	matrix spike	5/25/2017	Pesticide	Ethoprop	n/a	=	0.0555	µg/L	EPA 525.2m	0.0067	0.01			
2016/17-6	000NONPJ	matrix spike, rec	5/25/2017	Pesticide	Ethoprop	n/a	=	111	%	EPA 525.2m	-88	-88	51	167	
2016/17-6	000NONPJ	matrix spike dup	5/25/2017	Pesticide	Ethoprop	n/a	=	0.0565	µg/L	EPA 525.2m	0.0067	0.01			
2016/17-6	000NONPJ	matrix spike dup, rec	5/25/2017	Pesticide	Ethoprop	n/a	=	113	%	EPA 525.2m	-88	-88	51	167	
2016/17-6	000NONPJ	matrix spike, RPD	5/25/2017	Pesticide	Ethoprop	n/a	=	2	%	EPA 525.2m	-88	-88	0	30	
2016/17-6	Lab	method blank	5/16/2017	Pesticide	Ethoprop	n/a	<	0.0067	µg/L	EPA 525.2m	0.0067	0.01			
2016/17-6	Lab	LCS	5/16/2017	Pesticide	Ethoprop	n/a	=	0.0515	µg/L	EPA 525.2m	0.0067	0.01			
2016/17-6	Lab	LCS, rec	5/16/2017	Pesticide	Ethoprop	n/a	=	103	%	EPA 525.2m	-88	-88	53	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	
2016/17-6	Lab	method blank	5/24/2017	Pesticide	Ethoprop	n/a	<	0.0067	µg/L	EPA 525.2m	0.0067	0.01			
2016/17-6	Lab	LCS	5/24/2017	Pesticide	Ethoprop	n/a	=	0.0432	µg/L	EPA 525.2m	0.0067	0.01			
2016/17-6	Lab	LCS, rec	5/24/2017	Pesticide	Ethoprop	n/a	=	86	%	EPA 525.2m	-88	-88	53	163	
2016/17-6	Lab	method blank	5/25/2017	Pesticide	Ethoprop	n/a	<	0.0067	µg/L	EPA 525.2m	0.0067	0.01			
2016/17-6	Lab	LCS	5/25/2017	Pesticide	Ethoprop	n/a	=	0.0421	µg/L	EPA 525.2m	0.0067	0.01			
2016/17-6	Lab	LCS, rec	5/25/2017	Pesticide	Ethoprop	n/a	=	84	%	EPA 525.2m	-88	-88	53	163	
2016/17-6	000NONPJ	matrix spike	5/16/2017	Pesticide	Ethyl parathion	n/a	=	0.136	µg/L	EPA 525.2m	0.0054	0.01			GB
2016/17-6	000NONPJ	matrix spike, rec	5/16/2017	Pesticide	Ethyl parathion	n/a	=	272	%	EPA 525.2m	-88	-88	5	229	GB
2016/17-6	000NONPJ	matrix spike dup	5/16/2017	Pesticide	Ethyl parathion	n/a	=	0.189	µg/L	EPA 525.2m	0.0054	0.01			EST,GB
2016/17-6	000NONPJ	matrix spike dup, rec	5/16/2017	Pesticide	Ethyl parathion	n/a	=	378	%	EPA 525.2m	-88	-88	5	229	EST,GB
2016/17-6	000NONPJ	matrix spike, RPD	5/16/2017	Pesticide	Ethyl parathion	n/a	=	32	%	EPA 525.2m	-88	-88	0	30	EST,IL
2016/17-6	000NONPJ	matrix spike	5/24/2017	Pesticide	Ethyl parathion	n/a	=	0.0603	µg/L	EPA 525.2m	0.0054	0.01			
2016/17-6	000NONPJ	matrix spike, rec	5/24/2017	Pesticide	Ethyl parathion	n/a	=	121	%	EPA 525.2m	-88	-88	5	229	
2016/17-6	000NONPJ	matrix spike dup	5/24/2017	Pesticide	Ethyl parathion	n/a	=	0.0626	µg/L	EPA 525.2m	0.0054	0.01			
2016/17-6	000NONPJ	matrix spike dup, rec	5/24/2017	Pesticide	Ethyl parathion	n/a	=	125	%	EPA 525.2m	-88	-88	5	229	
2016/17-6	000NONPJ	matrix spike, RPD	5/24/2017	Pesticide	Ethyl parathion	n/a	=	4	%	EPA 525.2m	-88	-88	0	30	
2016/17-6	000NONPJ	matrix spike	5/25/2017	Pesticide	Ethyl parathion	n/a	=	0.0877	µg/L	EPA 525.2m	0.0054	0.01			
2016/17-6	000NONPJ	matrix spike, rec	5/25/2017	Pesticide	Ethyl parathion	n/a	=	175	%	EPA 525.2m	-88	-88	5	229	
2016/17-6	000NONPJ	matrix spike dup	5/25/2017	Pesticide	Ethyl parathion	n/a	=	0.0851	µg/L	EPA 525.2m	0.0054	0.01			
2016/17-6	000NONPJ	matrix spike dup, rec	5/25/2017	Pesticide	Ethyl parathion	n/a	=	170	%	EPA 525.2m	-88	-88	5	229	
2016/17-6	000NONPJ	matrix spike, RPD	5/25/2017	Pesticide	Ethyl parathion	n/a	=	3	%	EPA 525.2m	-88	-88	0	30	
2016/17-6	Lab	method blank	5/16/2017	Pesticide	Ethyl parathion	n/a	<	0.0054	µg/L	EPA 525.2m	0.0054	0.01			
2016/17-6	Lab	LCS	5/16/2017	Pesticide	Ethyl parathion	n/a	=	0.0697	µg/L	EPA 525.2m	0.0054	0.01			
2016/17-6	Lab	LCS, rec	5/16/2017	Pesticide	Ethyl parathion	n/a	=	139	%	EPA 525.2m	-88	-88	7	230	
2016/17-6	Lab	method blank	5/24/2017	Pesticide	Ethyl parathion	n/a	<	0.0054	µg/L	EPA 525.2m	0.0054	0.01			
2016/17-6	Lab	LCS	5/24/2017	Pesticide	Ethyl parathion	n/a	=	0.0546	µg/L	EPA 525.2m	0.0054	0.01			
2016/17-6	Lab	LCS, rec	5/24/2017	Pesticide	Ethyl parathion	n/a	=	109	%	EPA 525.2m	-88	-88	7	230	
2016/17-6	Lab	method blank	5/25/2017	Pesticide	Ethyl parathion	n/a	<	0.0054	µg/L	EPA 525.2m	0.0054	0.01			
2016/17-6	Lab	LCS	5/25/2017	Pesticide	Ethyl parathion	n/a	=	0.058	µg/L	EPA 525.2m	0.0054	0.01			
2016/17-6	Lab	LCS, rec	5/25/2017	Pesticide	Ethyl parathion	n/a	=	116	%	EPA 525.2m	-88	-88	7	230	
2016/17-6	000NONPJ	matrix spike	5/16/2017	Pesticide	Fensulfothion	n/a	=	0.068	µg/L	EPA 525.2m	0.0029	0.01			
2016/17-6	000NONPJ	matrix spike, rec	5/16/2017	Pesticide	Fensulfothion	n/a	=	136	%	EPA 525.2m	-88	-88	0.1	316	
2016/17-6	000NONPJ	matrix spike dup	5/16/2017	Pesticide	Fensulfothion	n/a	=	0.0682	µg/L	EPA 525.2m	0.0029	0.01			
2016/17-6	000NONPJ	matrix spike dup, rec	5/16/2017	Pesticide	Fensulfothion	n/a	=	136	%	EPA 525.2m	-88	-88	0.1	316	
2016/17-6	000NONPJ	matrix spike, RPD	5/16/2017	Pesticide	Fensulfothion	n/a	=	0.3	%	EPA 525.2m	-88	-88	0	30	
2016/17-6	000NONPJ	matrix spike	5/24/2017	Pesticide	Fensulfothion	n/a	=	0.0591	µg/L	EPA 525.2m	0.0029	0.01			
2016/17-6	000NONPJ	matrix spike, rec	5/24/2017	Pesticide	Fensulfothion	n/a	=	111	%	EPA 525.2m	-88	-88	0.1	316	
2016/17-6	000NONPJ	matrix spike dup	5/24/2017	Pesticide	Fensulfothion	n/a	=	0.0597	µg/L	EPA 525.2m	0.0029	0.01			
2016/17-6	000NONPJ	matrix spike dup, rec	5/24/2017	Pesticide	Fensulfothion	n/a	=	113	%	EPA 525.2m	-88	-88	0.1	316	
2016/17-6	000NONPJ	matrix spike, RPD	5/24/2017	Pesticide	Fensulfothion	n/a	=	1	%	EPA 525.2m	-88	-88	0	30	
2016/17-6	000NONPJ	matrix spike	5/25/2017	Pesticide	Fensulfothion	n/a	=	0.048	µg/L	EPA 525.2m	0.0029	0.01			
2016/17-6	000NONPJ	matrix spike, rec	5/25/2017	Pesticide	Fensulfothion	n/a	=	96	%	EPA 525.2m	-88	-88	0.1	316	
2016/17-6	000NONPJ	matrix spike dup	5/25/2017	Pesticide	Fensulfothion	n/a	=	0.0542	µg/L	EPA 525.2m	0.0029	0.01			
2016/17-6	000NONPJ	matrix spike dup, rec	5/25/2017	Pesticide	Fensulfothion	n/a	=	108	%	EPA 525.2m	-88	-88	0.1	316	
2016/17-6	000NONPJ	matrix spike, RPD	5/25/2017	Pesticide	Fensulfothion	n/a	=	12	%	EPA 525.2m	-88	-88	0	30	
2016/17-6	Lab	method blank	5/16/2017	Pesticide	Fensulfothion	n/a	<	0.0029	µg/L	EPA 525.2m	0.0029	0.01			
2016/17-6	Lab	LCS	5/16/2017	Pesticide	Fensulfothion	n/a	=	0.0216	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	
2016/17-6	Lab	LCS, rec	5/16/2017	Pesticide	Fensulfothion	n/a	=	43	%	EPA 525.2m	-88	-88	0.1	265	
2016/17-6	Lab	method blank	5/24/2017	Pesticide	Fensulfothion	n/a	DNQ	0.0042	µg/L	EPA 525.2m	0.0029	0.01			IP
2016/17-6	Lab	LCS	5/24/2017	Pesticide	Fensulfothion	n/a	=	0.0446	µg/L	EPA 525.2m	0.0029	0.01			
2016/17-6	Lab	LCS, rec	5/24/2017	Pesticide	Fensulfothion	n/a	=	89	%	EPA 525.2m	-88	-88	0.1	265	
2016/17-6	Lab	method blank	5/25/2017	Pesticide	Fensulfothion	n/a	<	0.0029	µg/L	EPA 525.2m	0.0029	0.01			
2016/17-6	Lab	LCS	5/25/2017	Pesticide	Fensulfothion	n/a	=	0.0527	µg/L	EPA 525.2m	0.0029	0.01			
2016/17-6	Lab	LCS, rec	5/25/2017	Pesticide	Fensulfothion	n/a	=	105	%	EPA 525.2m	-88	-88	0.1	265	
2016/17-6	000NONPJ	matrix spike	5/16/2017	Pesticide	Fenthion	n/a	=	0.0393	µg/L	EPA 525.2m	0.0038	0.01			
2016/17-6	000NONPJ	matrix spike, rec	5/16/2017	Pesticide	Fenthion	n/a	=	79	%	EPA 525.2m	-88	-88	23	169	
2016/17-6	000NONPJ	matrix spike dup	5/16/2017	Pesticide	Fenthion	n/a	=	0.038	µg/L	EPA 525.2m	0.0038	0.01			EST
2016/17-6	000NONPJ	matrix spike dup, rec	5/16/2017	Pesticide	Fenthion	n/a	=	76	%	EPA 525.2m	-88	-88	23	169	EST
2016/17-6	000NONPJ	matrix spike, RPD	5/16/2017	Pesticide	Fenthion	n/a	=	3	%	EPA 525.2m	-88	-88	0	30	EST
2016/17-6	000NONPJ	matrix spike	5/24/2017	Pesticide	Fenthion	n/a	=	0.0472	µg/L	EPA 525.2m	0.0038	0.01			
2016/17-6	000NONPJ	matrix spike, rec	5/24/2017	Pesticide	Fenthion	n/a	=	94	%	EPA 525.2m	-88	-88	23	169	
2016/17-6	000NONPJ	matrix spike dup	5/24/2017	Pesticide	Fenthion	n/a	=	0.0469	µg/L	EPA 525.2m	0.0038	0.01			
2016/17-6	000NONPJ	matrix spike dup, rec	5/24/2017	Pesticide	Fenthion	n/a	=	94	%	EPA 525.2m	-88	-88	23	169	
2016/17-6	000NONPJ	matrix spike, RPD	5/24/2017	Pesticide	Fenthion	n/a	=	0.5	%	EPA 525.2m	-88	-88	0	30	
2016/17-6	000NONPJ	matrix spike	5/25/2017	Pesticide	Fenthion	n/a	=	0.0697	µg/L	EPA 525.2m	0.0038	0.01			
2016/17-6	000NONPJ	matrix spike, rec	5/25/2017	Pesticide	Fenthion	n/a	=	139	%	EPA 525.2m	-88	-88	23	169	
2016/17-6	000NONPJ	matrix spike dup	5/25/2017	Pesticide	Fenthion	n/a	=	0.0653	µg/L	EPA 525.2m	0.0038	0.01			
2016/17-6	000NONPJ	matrix spike dup, rec	5/25/2017	Pesticide	Fenthion	n/a	=	131	%	EPA 525.2m	-88	-88	23	169	
2016/17-6	000NONPJ	matrix spike, RPD	5/25/2017	Pesticide	Fenthion	n/a	=	7	%	EPA 525.2m	-88	-88	0	30	
2016/17-6	Lab	method blank	5/16/2017	Pesticide	Fenthion	n/a	<	0.0038	µg/L	EPA 525.2m	0.0038	0.01			
2016/17-6	Lab	LCS	5/16/2017	Pesticide	Fenthion	n/a	=	0.0428	µg/L	EPA 525.2m	0.0038	0.01			
2016/17-6	Lab	LCS, rec	5/16/2017	Pesticide	Fenthion	n/a	=	86	%	EPA 525.2m	-88	-88	20	177	
2016/17-6	Lab	method blank	5/24/2017	Pesticide	Fenthion	n/a	<	0.0038	µg/L	EPA 525.2m	0.0038	0.01			
2016/17-6	Lab	LCS	5/24/2017	Pesticide	Fenthion	n/a	=	0.0411	µg/L	EPA 525.2m	0.0038	0.01			
2016/17-6	Lab	LCS, rec	5/24/2017	Pesticide	Fenthion	n/a	=	82	%	EPA 525.2m	-88	-88	20	177	
2016/17-6	Lab	method blank	5/25/2017	Pesticide	Fenthion	n/a	<	0.0038	µg/L	EPA 525.2m	0.0038	0.01			
2016/17-6	Lab	LCS	5/25/2017	Pesticide	Fenthion	n/a	=	0.0375	µg/L	EPA 525.2m	0.0038	0.01			
2016/17-6	Lab	LCS, rec	5/25/2017	Pesticide	Fenthion	n/a	=	75	%	EPA 525.2m	-88	-88	20	177	
2016/17-6	000NONPJ	matrix spike	5/19/2017	Pesticide	gamma-BHC (Lindane)	n/a	=	0.0712	µg/L	EPA 608	0.0042	0.04			
2016/17-6	000NONPJ	matrix spike, rec	5/19/2017	Pesticide	gamma-BHC (Lindane)	n/a	=	71	%	EPA 608	-88	-88	33	112	
2016/17-6	000NONPJ	matrix spike dup	5/19/2017	Pesticide	gamma-BHC (Lindane)	n/a	=	0.0683	µg/L	EPA 608	0.0042	0.04			
2016/17-6	000NONPJ	matrix spike dup, rec	5/19/2017	Pesticide	gamma-BHC (Lindane)	n/a	=	68	%	EPA 608	-88	-88	33	112	
2016/17-6	000NONPJ	matrix spike, RPD	5/19/2017	Pesticide	gamma-BHC (Lindane)	n/a	=	4	%	EPA 608	-88	-88	0	30	
2016/17-6	Lab	method blank	5/18/2017	Pesticide	gamma-BHC (Lindane)	n/a	<	0.0021	µg/L	EPA 608	0.0021	0.02			
2016/17-6	Lab	LCS	5/19/2017	Pesticide	gamma-BHC (Lindane)	n/a	=	0.0971	µg/L	EPA 608	0.0021	0.02			
2016/17-6	Lab	LCS, rec	5/19/2017	Pesticide	gamma-BHC (Lindane)	n/a	=	97	%	EPA 608	-88	-88	49	117	
2016/17-6	Lab	method blank	6/2/2017	Pesticide	gamma-BHC (Lindane)	n/a	<	0.0021	µg/L	EPA 608	0.0021	0.02			
2016/17-6	Lab	LCS	6/2/2017	Pesticide	gamma-BHC (Lindane)	n/a	=	0.0854	µg/L	EPA 608	0.0021	0.02			
2016/17-6	Lab	LCS, rec	6/2/2017	Pesticide	gamma-BHC (Lindane)	n/a	=	85	%	EPA 608	-88	-88	49	117	
2016/17-6	Lab	LCS dup	6/2/2017	Pesticide	gamma-BHC (Lindane)	n/a	=	0.083	µg/L	EPA 608	0.0021	0.02			
2016/17-6	Lab	LCS dup, rec	6/2/2017	Pesticide	gamma-BHC (Lindane)	n/a	=	83	%	EPA 608	-88	-88	49	117	
2016/17-6	Lab	LCS, RPD	6/2/2017	Pesticide	gamma-BHC (Lindane)	n/a	=	3	%	EPA 608	-88	-88	0	30	
2016/17-6	Lab	method blank	6/6/2017	Pesticide	gamma-BHC (Lindane)	n/a	<	0.0021	µg/L	EPA 608	0.0021	0.02			
2016/17-6	Lab	LCS	6/6/2017	Pesticide	gamma-BHC (Lindane)	n/a	=	0.0931	µg/L	EPA 608	0.0021	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	
2016/17-6	Lab	LCS, rec	6/6/2017	Pesticide	gamma-BHC (Lindane)	n/a	=	93	%	EPA 608	-88	-88	49	117	
2016/17-6	Lab	LCS dup	6/6/2017	Pesticide	gamma-BHC (Lindane)	n/a	=	0.0957	µg/L	EPA 608	0.0021	0.02			
2016/17-6	Lab	LCS dup, rec	6/6/2017	Pesticide	gamma-BHC (Lindane)	n/a	=	96	%	EPA 608	-88	-88	49	117	
2016/17-6	Lab	LCS, RPD	6/6/2017	Pesticide	gamma-BHC (Lindane)	n/a	=	3	%	EPA 608	-88	-88	0	30	
2016/17-6	Lab	method blank	5/18/2017	Pesticide	gamma-Chlordane	n/a	<	0.0044	µg/L	EPA 608	0.0044	0.01			
2016/17-6	Lab	method blank	6/2/2017	Pesticide	gamma-Chlordane	n/a	<	0.0044	µg/L	EPA 608	0.0044	0.01			
2016/17-6	Lab	method blank	6/6/2017	Pesticide	gamma-Chlordane	n/a	<	0.0044	µg/L	EPA 608	0.0044	0.01			
2016/17-6	000NONPJ	matrix spike	5/10/2017	Pesticide	Glyphosate	n/a	=	20.5	µg/L	EPA 547	1.8	5			
2016/17-6	000NONPJ	matrix spike, rec	5/10/2017	Pesticide	Glyphosate	n/a	=	82	%	EPA 547	-88	-88	41	149	
2016/17-6	000NONPJ	matrix spike dup	5/10/2017	Pesticide	Glyphosate	n/a	=	20	µg/L	EPA 547	1.8	5			
2016/17-6	000NONPJ	matrix spike dup, rec	5/10/2017	Pesticide	Glyphosate	n/a	=	80	%	EPA 547	-88	-88	41	149	
2016/17-6	000NONPJ	matrix spike, RPD	5/10/2017	Pesticide	Glyphosate	n/a	=	2	%	EPA 547	-88	-88	0	30	
2016/17-6	000NONPJ	matrix spike	5/10/2017	Pesticide	Glyphosate	n/a	=	19.4	µg/L	EPA 547	1.8	5			
2016/17-6	000NONPJ	matrix spike, rec	5/10/2017	Pesticide	Glyphosate	n/a	=	78	%	EPA 547	-88	-88	41	149	
2016/17-6	000NONPJ	matrix spike dup	5/10/2017	Pesticide	Glyphosate	n/a	=	20	µg/L	EPA 547	1.8	5			
2016/17-6	000NONPJ	matrix spike dup, rec	5/10/2017	Pesticide	Glyphosate	n/a	=	80	%	EPA 547	-88	-88	41	149	
2016/17-6	000NONPJ	matrix spike, RPD	5/10/2017	Pesticide	Glyphosate	n/a	=	3	%	EPA 547	-88	-88	0	30	
2016/17-6	000NONPJ	matrix spike	5/22/2017	Pesticide	Glyphosate	n/a	=	26	µg/L	EPA 547	1.8	5			
2016/17-6	000NONPJ	matrix spike, rec	5/22/2017	Pesticide	Glyphosate	n/a	=	104	%	EPA 547	-88	-88	41	149	
2016/17-6	000NONPJ	matrix spike dup	5/22/2017	Pesticide	Glyphosate	n/a	=	26.1	µg/L	EPA 547	1.8	5			
2016/17-6	000NONPJ	matrix spike dup, rec	5/22/2017	Pesticide	Glyphosate	n/a	=	105	%	EPA 547	-88	-88	41	149	
2016/17-6	000NONPJ	matrix spike, RPD	5/22/2017	Pesticide	Glyphosate	n/a	=	0.4	%	EPA 547	-88	-88	0	30	
2016/17-6	000NONPJ	matrix spike	5/24/2017	Pesticide	Glyphosate	n/a	=	24	µg/L	EPA 547	1.8	5			
2016/17-6	000NONPJ	matrix spike, rec	5/24/2017	Pesticide	Glyphosate	n/a	=	96	%	EPA 547	-88	-88	41	149	
2016/17-6	000NONPJ	matrix spike dup	5/24/2017	Pesticide	Glyphosate	n/a	=	22.9	µg/L	EPA 547	1.8	5			
2016/17-6	000NONPJ	matrix spike dup, rec	5/24/2017	Pesticide	Glyphosate	n/a	=	92	%	EPA 547	-88	-88	41	149	
2016/17-6	000NONPJ	matrix spike, RPD	5/24/2017	Pesticide	Glyphosate	n/a	=	5	%	EPA 547	-88	-88	0	30	
2016/17-6	000NONPJ	matrix spike	5/24/2017	Pesticide	Glyphosate	n/a	=	24.5	µg/L	EPA 547	1.8	5			
2016/17-6	000NONPJ	matrix spike, rec	5/24/2017	Pesticide	Glyphosate	n/a	=	85	%	EPA 547	-88	-88	41	149	
2016/17-6	000NONPJ	matrix spike dup	5/24/2017	Pesticide	Glyphosate	n/a	=	24	µg/L	EPA 547	1.8	5			
2016/17-6	000NONPJ	matrix spike dup, rec	5/24/2017	Pesticide	Glyphosate	n/a	=	83	%	EPA 547	-88	-88	41	149	
2016/17-6	000NONPJ	matrix spike, RPD	5/24/2017	Pesticide	Glyphosate	n/a	=	2	%	EPA 547	-88	-88	0	30	
2016/17-6	Lab	method blank	5/10/2017	Pesticide	Glyphosate	n/a	<	1.8	µg/L	EPA 547	1.8	5			
2016/17-6	Lab	LCS	5/10/2017	Pesticide	Glyphosate	n/a	=	21.6	µg/L	EPA 547	1.8	5			
2016/17-6	Lab	LCS, rec	5/10/2017	Pesticide	Glyphosate	n/a	=	86	%	EPA 547	-88	-88	62	130	
2016/17-6	Lab	method blank	5/22/2017	Pesticide	Glyphosate	n/a	<	1.8	µg/L	EPA 547	1.8	5			
2016/17-6	Lab	LCS	5/22/2017	Pesticide	Glyphosate	n/a	=	24.9	µg/L	EPA 547	1.8	5			
2016/17-6	Lab	LCS, rec	5/22/2017	Pesticide	Glyphosate	n/a	=	100	%	EPA 547	-88	-88	62	130	
2016/17-6	Lab	method blank	5/24/2017	Pesticide	Glyphosate	n/a	<	1.8	µg/L	EPA 547	1.8	5			
2016/17-6	Lab	LCS	5/24/2017	Pesticide	Glyphosate	n/a	=	22.9	µg/L	EPA 547	1.8	5			
2016/17-6	Lab	LCS, rec	5/24/2017	Pesticide	Glyphosate	n/a	=	92	%	EPA 547	-88	-88	62	130	
2016/17-6	ME-CC	matrix spike	5/22/2017	Pesticide	Glyphosate	n/a	=	25.2	µg/L	EPA 547	1.8	5			
2016/17-6	ME-CC	matrix spike, rec	5/22/2017	Pesticide	Glyphosate	n/a	=	101	%	EPA 547	-88	-88	41	149	
2016/17-6	ME-CC	matrix spike dup	5/22/2017	Pesticide	Glyphosate	n/a	=	28.1	µg/L	EPA 547	1.8	5			
2016/17-6	ME-CC	matrix spike dup, rec	5/22/2017	Pesticide	Glyphosate	n/a	=	112	%	EPA 547	-88	-88	41	149	
2016/17-6	ME-CC	matrix spike, RPD	5/22/2017	Pesticide	Glyphosate	n/a	=	11	%	EPA 547	-88	-88	0	30	
2016/17-6	000NONPJ	matrix spike	5/19/2017	Pesticide	Heptachlor	n/a	=	0.0774	µg/L	EPA 608	0.0034	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	
2016/17-6	000NONPJ	matrix spike, rec	5/19/2017	Pesticide	Heptachlor	n/a	=	77	%	EPA 608	-88	-88	28	131	
2016/17-6	000NONPJ	matrix spike dup	5/19/2017	Pesticide	Heptachlor	n/a	=	0.0745	µg/L	EPA 608	0.0034	0.02			
2016/17-6	000NONPJ	matrix spike dup, rec	5/19/2017	Pesticide	Heptachlor	n/a	=	75	%	EPA 608	-88	-88	28	131	
2016/17-6	000NONPJ	matrix spike, RPD	5/19/2017	Pesticide	Heptachlor	n/a	=	4	%	EPA 608	-88	-88	0	30	
2016/17-6	Lab	method blank	5/18/2017	Pesticide	Heptachlor	n/a	<	0.0017	µg/L	EPA 608	0.0017	0.01			
2016/17-6	Lab	LCS	5/19/2017	Pesticide	Heptachlor	n/a	=	0.0959	µg/L	EPA 608	0.0017	0.01			
2016/17-6	Lab	LCS, rec	5/19/2017	Pesticide	Heptachlor	n/a	=	96	%	EPA 608	-88	-88	31	130	
2016/17-6	Lab	method blank	6/2/2017	Pesticide	Heptachlor	n/a	<	0.0017	µg/L	EPA 608	0.0017	0.01			
2016/17-6	Lab	LCS	6/2/2017	Pesticide	Heptachlor	n/a	=	0.0897	µg/L	EPA 608	0.0017	0.01			
2016/17-6	Lab	LCS, rec	6/2/2017	Pesticide	Heptachlor	n/a	=	90	%	EPA 608	-88	-88	31	130	
2016/17-6	Lab	LCS dup	6/2/2017	Pesticide	Heptachlor	n/a	=	0.0856	µg/L	EPA 608	0.0017	0.01			
2016/17-6	Lab	LCS dup, rec	6/2/2017	Pesticide	Heptachlor	n/a	=	86	%	EPA 608	-88	-88	31	130	
2016/17-6	Lab	LCS, RPD	6/2/2017	Pesticide	Heptachlor	n/a	=	5	%	EPA 608	-88	-88	0	30	
2016/17-6	Lab	method blank	6/6/2017	Pesticide	Heptachlor	n/a	<	0.0017	µg/L	EPA 608	0.0017	0.01			
2016/17-6	Lab	LCS	6/6/2017	Pesticide	Heptachlor	n/a	=	0.098	µg/L	EPA 608	0.0017	0.01			
2016/17-6	Lab	LCS, rec	6/6/2017	Pesticide	Heptachlor	n/a	=	98	%	EPA 608	-88	-88	31	130	
2016/17-6	Lab	LCS dup	6/6/2017	Pesticide	Heptachlor	n/a	=	0.103	µg/L	EPA 608	0.0017	0.01			
2016/17-6	Lab	LCS dup, rec	6/6/2017	Pesticide	Heptachlor	n/a	=	103	%	EPA 608	-88	-88	31	130	
2016/17-6	Lab	LCS, RPD	6/6/2017	Pesticide	Heptachlor	n/a	=	5	%	EPA 608	-88	-88	0	30	
2016/17-6	000NONPJ	matrix spike	5/19/2017	Pesticide	Heptachlor epoxide	n/a	=	0.0865	µg/L	EPA 608	0.0038	0.02			
2016/17-6	000NONPJ	matrix spike, rec	5/19/2017	Pesticide	Heptachlor epoxide	n/a	=	86	%	EPA 608	-88	-88	36	117	
2016/17-6	000NONPJ	matrix spike dup	5/19/2017	Pesticide	Heptachlor epoxide	n/a	=	0.0828	µg/L	EPA 608	0.0038	0.02			
2016/17-6	000NONPJ	matrix spike dup, rec	5/19/2017	Pesticide	Heptachlor epoxide	n/a	=	83	%	EPA 608	-88	-88	36	117	
2016/17-6	000NONPJ	matrix spike, RPD	5/19/2017	Pesticide	Heptachlor epoxide	n/a	=	4	%	EPA 608	-88	-88	0	30	
2016/17-6	Lab	method blank	5/18/2017	Pesticide	Heptachlor epoxide	n/a	<	0.0019	µg/L	EPA 608	0.0019	0.01			
2016/17-6	Lab	LCS	5/19/2017	Pesticide	Heptachlor epoxide	n/a	=	0.104	µg/L	EPA 608	0.0019	0.01			
2016/17-6	Lab	LCS, rec	5/19/2017	Pesticide	Heptachlor epoxide	n/a	=	104	%	EPA 608	-88	-88	49	122	
2016/17-6	Lab	method blank	6/2/2017	Pesticide	Heptachlor epoxide	n/a	<	0.0019	µg/L	EPA 608	0.0019	0.01			
2016/17-6	Lab	LCS	6/2/2017	Pesticide	Heptachlor epoxide	n/a	=	0.0924	µg/L	EPA 608	0.0019	0.01			
2016/17-6	Lab	LCS, rec	6/2/2017	Pesticide	Heptachlor epoxide	n/a	=	92	%	EPA 608	-88	-88	49	122	
2016/17-6	Lab	LCS dup	6/2/2017	Pesticide	Heptachlor epoxide	n/a	=	0.0914	µg/L	EPA 608	0.0019	0.01			
2016/17-6	Lab	LCS dup, rec	6/2/2017	Pesticide	Heptachlor epoxide	n/a	=	91	%	EPA 608	-88	-88	49	122	
2016/17-6	Lab	LCS, RPD	6/2/2017	Pesticide	Heptachlor epoxide	n/a	=	1	%	EPA 608	-88	-88	0	30	
2016/17-6	Lab	method blank	6/6/2017	Pesticide	Heptachlor epoxide	n/a	<	0.0019	µg/L	EPA 608	0.0019	0.01			
2016/17-6	Lab	LCS	6/6/2017	Pesticide	Heptachlor epoxide	n/a	=	0.0999	µg/L	EPA 608	0.0019	0.01			
2016/17-6	Lab	LCS, rec	6/6/2017	Pesticide	Heptachlor epoxide	n/a	=	100	%	EPA 608	-88	-88	49	122	
2016/17-6	Lab	LCS dup	6/6/2017	Pesticide	Heptachlor epoxide	n/a	=	0.103	µg/L	EPA 608	0.0019	0.01			
2016/17-6	Lab	LCS dup, rec	6/6/2017	Pesticide	Heptachlor epoxide	n/a	=	103	%	EPA 608	-88	-88	49	122	
2016/17-6	Lab	LCS, RPD	6/6/2017	Pesticide	Heptachlor epoxide	n/a	=	3	%	EPA 608	-88	-88	0	30	
2016/17-6	000NONPJ	matrix spike	5/16/2017	Pesticide	Malathion	n/a	=	0.114	µg/L	EPA 525.2m	0.0076	0.01			GB
2016/17-6	000NONPJ	matrix spike, rec	5/16/2017	Pesticide	Malathion	n/a	=	228	%	EPA 525.2m	-88	-88	6	184	GB
2016/17-6	000NONPJ	matrix spike dup	5/16/2017	Pesticide	Malathion	n/a	=	0.166	µg/L	EPA 525.2m	0.0076	0.01			EST,GB
2016/17-6	000NONPJ	matrix spike dup, rec	5/16/2017	Pesticide	Malathion	n/a	=	333	%	EPA 525.2m	-88	-88	6	184	EST,GB
2016/17-6	000NONPJ	matrix spike, RPD	5/16/2017	Pesticide	Malathion	n/a	=	37	%	EPA 525.2m	-88	-88	0	30	EST,IL
2016/17-6	000NONPJ	matrix spike	5/24/2017	Pesticide	Malathion	n/a	=	0.0524	µg/L	EPA 525.2m	0.0076	0.01			
2016/17-6	000NONPJ	matrix spike, rec	5/24/2017	Pesticide	Malathion	n/a	=	105	%	EPA 525.2m	-88	-88	6	184	
2016/17-6	000NONPJ	matrix spike dup	5/24/2017	Pesticide	Malathion	n/a	=	0.0552	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	
2016/17-6	000NONPJ	matrix spike dup, rec	5/24/2017	Pesticide	Malathion	n/a	=	110	%	EPA 525.2m	-88	-88	6	184	
2016/17-6	000NONPJ	matrix spike, RPD	5/24/2017	Pesticide	Malathion	n/a	=	5	%	EPA 525.2m	-88	-88	0	30	
2016/17-6	000NONPJ	matrix spike	5/25/2017	Pesticide	Malathion	n/a	=	0.0737	µg/L	EPA 525.2m	0.0076	0.01			
2016/17-6	000NONPJ	matrix spike, rec	5/25/2017	Pesticide	Malathion	n/a	=	147	%	EPA 525.2m	-88	-88	6	184	
2016/17-6	000NONPJ	matrix spike dup	5/25/2017	Pesticide	Malathion	n/a	=	0.0694	µg/L	EPA 525.2m	0.0076	0.01			
2016/17-6	000NONPJ	matrix spike dup, rec	5/25/2017	Pesticide	Malathion	n/a	=	139	%	EPA 525.2m	-88	-88	6	184	
2016/17-6	000NONPJ	matrix spike, RPD	5/25/2017	Pesticide	Malathion	n/a	=	6	%	EPA 525.2m	-88	-88	0	30	
2016/17-6	Lab	method blank	5/16/2017	Pesticide	Malathion	n/a	<	0.0076	µg/L	EPA 525.2m	0.0076	0.01			
2016/17-6	Lab	LCS	5/16/2017	Pesticide	Malathion	n/a	=	0.0541	µg/L	EPA 525.2m	0.0076	0.01			
2016/17-6	Lab	LCS, rec	5/16/2017	Pesticide	Malathion	n/a	=	108	%	EPA 525.2m	-88	-88	14	175	
2016/17-6	Lab	method blank	5/24/2017	Pesticide	Malathion	n/a	<	0.0076	µg/L	EPA 525.2m	0.0076	0.01			
2016/17-6	Lab	LCS	5/24/2017	Pesticide	Malathion	n/a	=	0.0456	µg/L	EPA 525.2m	0.0076	0.01			
2016/17-6	Lab	LCS, rec	5/24/2017	Pesticide	Malathion	n/a	=	91	%	EPA 525.2m	-88	-88	14	175	
2016/17-6	Lab	method blank	5/25/2017	Pesticide	Malathion	n/a	<	0.0076	µg/L	EPA 525.2m	0.0076	0.01			
2016/17-6	Lab	LCS	5/25/2017	Pesticide	Malathion	n/a	=	0.0482	µg/L	EPA 525.2m	0.0076	0.01			
2016/17-6	Lab	LCS, rec	5/25/2017	Pesticide	Malathion	n/a	=	96	%	EPA 525.2m	-88	-88	14	175	
2016/17-6	000NONPJ	matrix spike	5/16/2017	Pesticide	Merphos	n/a	=	0.0509	µg/L	EPA 525.2m	0.0058	0.01			
2016/17-6	000NONPJ	matrix spike, rec	5/16/2017	Pesticide	Merphos	n/a	=	102	%	EPA 525.2m	-88	-88	3	210	
2016/17-6	000NONPJ	matrix spike dup	5/16/2017	Pesticide	Merphos	n/a	=	0.0625	µg/L	EPA 525.2m	0.0058	0.01			
2016/17-6	000NONPJ	matrix spike dup, rec	5/16/2017	Pesticide	Merphos	n/a	=	125	%	EPA 525.2m	-88	-88	3	210	
2016/17-6	000NONPJ	matrix spike, RPD	5/16/2017	Pesticide	Merphos	n/a	=	21	%	EPA 525.2m	-88	-88	0	30	
2016/17-6	000NONPJ	matrix spike	5/24/2017	Pesticide	Merphos	n/a	=	0.0536	µg/L	EPA 525.2m	0.0058	0.01			
2016/17-6	000NONPJ	matrix spike, rec	5/24/2017	Pesticide	Merphos	n/a	=	107	%	EPA 525.2m	-88	-88	3	210	
2016/17-6	000NONPJ	matrix spike dup	5/24/2017	Pesticide	Merphos	n/a	=	0.0491	µg/L	EPA 525.2m	0.0058	0.01			
2016/17-6	000NONPJ	matrix spike dup, rec	5/24/2017	Pesticide	Merphos	n/a	=	98	%	EPA 525.2m	-88	-88	3	210	
2016/17-6	000NONPJ	matrix spike, RPD	5/24/2017	Pesticide	Merphos	n/a	=	9	%	EPA 525.2m	-88	-88	0	30	
2016/17-6	000NONPJ	matrix spike	5/25/2017	Pesticide	Merphos	n/a	=	0.034	µg/L	EPA 525.2m	0.0058	0.01			
2016/17-6	000NONPJ	matrix spike, rec	5/25/2017	Pesticide	Merphos	n/a	=	68	%	EPA 525.2m	-88	-88	3	210	
2016/17-6	000NONPJ	matrix spike dup	5/25/2017	Pesticide	Merphos	n/a	=	0.0378	µg/L	EPA 525.2m	0.0058	0.01			
2016/17-6	000NONPJ	matrix spike dup, rec	5/25/2017	Pesticide	Merphos	n/a	=	76	%	EPA 525.2m	-88	-88	3	210	
2016/17-6	000NONPJ	matrix spike, RPD	5/25/2017	Pesticide	Merphos	n/a	=	11	%	EPA 525.2m	-88	-88	0	30	
2016/17-6	Lab	method blank	5/16/2017	Pesticide	Merphos	n/a	<	0.0058	µg/L	EPA 525.2m	0.0058	0.01			
2016/17-6	Lab	LCS	5/16/2017	Pesticide	Merphos	n/a	=	0.0491	µg/L	EPA 525.2m	0.0058	0.01			
2016/17-6	Lab	LCS, rec	5/16/2017	Pesticide	Merphos	n/a	=	98	%	EPA 525.2m	-88	-88	28	181	
2016/17-6	Lab	method blank	5/24/2017	Pesticide	Merphos	n/a	<	0.0058	µg/L	EPA 525.2m	0.0058	0.01			
2016/17-6	Lab	LCS	5/24/2017	Pesticide	Merphos	n/a	=	0.0503	µg/L	EPA 525.2m	0.0058	0.01			
2016/17-6	Lab	LCS, rec	5/24/2017	Pesticide	Merphos	n/a	=	101	%	EPA 525.2m	-88	-88	28	181	
2016/17-6	Lab	method blank	5/25/2017	Pesticide	Merphos	n/a	<	0.0058	µg/L	EPA 525.2m	0.0058	0.01			
2016/17-6	Lab	LCS	5/25/2017	Pesticide	Merphos	n/a	=	0.0545	µg/L	EPA 525.2m	0.0058	0.01			
2016/17-6	Lab	LCS, rec	5/25/2017	Pesticide	Merphos	n/a	=	109	%	EPA 525.2m	-88	-88	28	181	
2016/17-6	Lab	method blank	5/18/2017	Pesticide	Methoxychlor	n/a	<	0.0054	µg/L	EPA 608	0.0054	0.02			
2016/17-6	Lab	method blank	6/2/2017	Pesticide	Methoxychlor	n/a	<	0.0054	µg/L	EPA 608	0.0054	0.02			
2016/17-6	Lab	method blank	6/6/2017	Pesticide	Methoxychlor	n/a	<	0.0054	µg/L	EPA 608	0.0054	0.02			
2016/17-6	000NONPJ	matrix spike	5/16/2017	Pesticide	Methyl parathion	n/a	=	0.133	µg/L	EPA 525.2m	0.0063	0.01			GB
2016/17-6	000NONPJ	matrix spike, rec	5/16/2017	Pesticide	Methyl parathion	n/a	=	265	%	EPA 525.2m	-88	-88	0.1	249	GB
2016/17-6	000NONPJ	matrix spike dup	5/16/2017	Pesticide	Methyl parathion	n/a	=	0.196	µg/L	EPA 525.2m	0.0063	0.01			EST,GB
2016/17-6	000NONPJ	matrix spike dup, rec	5/16/2017	Pesticide	Methyl parathion	n/a	=	392	%	EPA 525.2m	-88	-88	0.1	249	EST,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	
2016/17-6	000NONPJ	matrix spike, RPD	5/16/2017	Pesticide	Methyl parathion	n/a	=	39	%	EPA 525.2m	-88	-88	0	30	EST,IL
2016/17-6	000NONPJ	matrix spike	5/24/2017	Pesticide	Methyl parathion	n/a	=	0.0629	µg/L	EPA 525.2m	0.0063	0.01			
2016/17-6	000NONPJ	matrix spike, rec	5/24/2017	Pesticide	Methyl parathion	n/a	=	126	%	EPA 525.2m	-88	-88	0.1	249	
2016/17-6	000NONPJ	matrix spike dup	5/24/2017	Pesticide	Methyl parathion	n/a	=	0.0639	µg/L	EPA 525.2m	0.0063	0.01			
2016/17-6	000NONPJ	matrix spike dup, rec	5/24/2017	Pesticide	Methyl parathion	n/a	=	128	%	EPA 525.2m	-88	-88	0.1	249	
2016/17-6	000NONPJ	matrix spike, RPD	5/24/2017	Pesticide	Methyl parathion	n/a	=	2	%	EPA 525.2m	-88	-88	0	30	
2016/17-6	000NONPJ	matrix spike	5/25/2017	Pesticide	Methyl parathion	n/a	=	0.0868	µg/L	EPA 525.2m	0.0063	0.01			
2016/17-6	000NONPJ	matrix spike, rec	5/25/2017	Pesticide	Methyl parathion	n/a	=	174	%	EPA 525.2m	-88	-88	0.1	249	
2016/17-6	000NONPJ	matrix spike dup	5/25/2017	Pesticide	Methyl parathion	n/a	=	0.0841	µg/L	EPA 525.2m	0.0063	0.01			
2016/17-6	000NONPJ	matrix spike dup, rec	5/25/2017	Pesticide	Methyl parathion	n/a	=	168	%	EPA 525.2m	-88	-88	0.1	249	
2016/17-6	000NONPJ	matrix spike, RPD	5/25/2017	Pesticide	Methyl parathion	n/a	=	3	%	EPA 525.2m	-88	-88	0	30	
2016/17-6	Lab	method blank	5/16/2017	Pesticide	Methyl parathion	n/a	<	0.0063	µg/L	EPA 525.2m	0.0063	0.01			
2016/17-6	Lab	LCS	5/16/2017	Pesticide	Methyl parathion	n/a	=	0.0738	µg/L	EPA 525.2m	0.0063	0.01			
2016/17-6	Lab	LCS, rec	5/16/2017	Pesticide	Methyl parathion	n/a	=	148	%	EPA 525.2m	-88	-88	0.1	252	
2016/17-6	Lab	method blank	5/24/2017	Pesticide	Methyl parathion	n/a	<	0.0063	µg/L	EPA 525.2m	0.0063	0.01			
2016/17-6	Lab	LCS	5/24/2017	Pesticide	Methyl parathion	n/a	=	0.0579	µg/L	EPA 525.2m	0.0063	0.01			
2016/17-6	Lab	LCS, rec	5/24/2017	Pesticide	Methyl parathion	n/a	=	116	%	EPA 525.2m	-88	-88	0.1	252	
2016/17-6	Lab	method blank	5/25/2017	Pesticide	Methyl parathion	n/a	<	0.0063	µg/L	EPA 525.2m	0.0063	0.01			
2016/17-6	Lab	LCS	5/25/2017	Pesticide	Methyl parathion	n/a	=	0.0618	µg/L	EPA 525.2m	0.0063	0.01			
2016/17-6	Lab	LCS, rec	5/25/2017	Pesticide	Methyl parathion	n/a	=	124	%	EPA 525.2m	-88	-88	0.1	252	
2016/17-6	Lab	method blank	5/5/2017	Pesticide	Metolachlor	n/a	<	0.012	µg/L	EPA 525.2	0.012	0.1			
2016/17-6	Lab	LCS	5/5/2017	Pesticide	Metolachlor	n/a	=	5.81	µg/L	EPA 525.2	0.012	0.1			
2016/17-6	Lab	LCS, rec	5/5/2017	Pesticide	Metolachlor	n/a	=	116	%	EPA 525.2	-88	-88	61	123	
2016/17-6	Lab	LCS dup	5/5/2017	Pesticide	Metolachlor	n/a	=	5.73	µg/L	EPA 525.2	0.012	0.1			
2016/17-6	Lab	LCS dup, rec	5/5/2017	Pesticide	Metolachlor	n/a	=	115	%	EPA 525.2	-88	-88	61	123	
2016/17-6	Lab	LCS, RPD	5/5/2017	Pesticide	Metolachlor	n/a	=	1	%	EPA 525.2	-88	-88	0	30	
2016/17-6	Lab	method blank	5/24/2017	Pesticide	Metolachlor	n/a	<	0.012	µg/L	EPA 525.2	0.012	0.1			
2016/17-6	Lab	LCS	5/24/2017	Pesticide	Metolachlor	n/a	=	5.66	µg/L	EPA 525.2	0.012	0.1			
2016/17-6	Lab	LCS, rec	5/24/2017	Pesticide	Metolachlor	n/a	=	113	%	EPA 525.2	-88	-88	61	123	
2016/17-6	Lab	LCS dup	5/24/2017	Pesticide	Metolachlor	n/a	=	5.67	µg/L	EPA 525.2	0.012	0.1			
2016/17-6	Lab	LCS dup, rec	5/24/2017	Pesticide	Metolachlor	n/a	=	113	%	EPA 525.2	-88	-88	61	123	
2016/17-6	Lab	LCS, RPD	5/24/2017	Pesticide	Metolachlor	n/a	=	0.2	%	EPA 525.2	-88	-88	0	30	
2016/17-6	Lab	method blank	6/15/2017	Pesticide	Metolachlor	n/a	<	0.012	µg/L	EPA 525.2	0.012	0.1			
2016/17-6	Lab	LCS	6/15/2017	Pesticide	Metolachlor	n/a	=	6.14	µg/L	EPA 525.2	0.012	0.1			
2016/17-6	Lab	LCS, rec	6/15/2017	Pesticide	Metolachlor	n/a	=	123	%	EPA 525.2	-88	-88	61	123	
2016/17-6	Lab	LCS dup	6/15/2017	Pesticide	Metolachlor	n/a	=	5.93	µg/L	EPA 525.2	0.012	0.1			
2016/17-6	Lab	LCS dup, rec	6/15/2017	Pesticide	Metolachlor	n/a	=	119	%	EPA 525.2	-88	-88	61	123	
2016/17-6	Lab	LCS, RPD	6/15/2017	Pesticide	Metolachlor	n/a	=	3	%	EPA 525.2	-88	-88	0	30	
2016/17-6	Lab	method blank	5/5/2017	Pesticide	Metribuzin	n/a	<	0.015	µg/L	EPA 525.2	0.015	0.1			
2016/17-6	Lab	LCS	5/5/2017	Pesticide	Metribuzin	n/a	=	5.26	µg/L	EPA 525.2	0.015	0.1			
2016/17-6	Lab	LCS, rec	5/5/2017	Pesticide	Metribuzin	n/a	=	105	%	EPA 525.2	-88	-88	50	121	
2016/17-6	Lab	LCS dup	5/5/2017	Pesticide	Metribuzin	n/a	=	5.42	µg/L	EPA 525.2	0.015	0.1			
2016/17-6	Lab	LCS dup, rec	5/5/2017	Pesticide	Metribuzin	n/a	=	108	%	EPA 525.2	-88	-88	50	121	
2016/17-6	Lab	LCS, RPD	5/5/2017	Pesticide	Metribuzin	n/a	=	3	%	EPA 525.2	-88	-88	0	30	
2016/17-6	Lab	method blank	5/24/2017	Pesticide	Metribuzin	n/a	<	0.015	µg/L	EPA 525.2	0.015	0.1			
2016/17-6	Lab	LCS	5/24/2017	Pesticide	Metribuzin	n/a	=	5.2	µg/L	EPA 525.2	0.015	0.1			
2016/17-6	Lab	LCS, rec	5/24/2017	Pesticide	Metribuzin	n/a	=	104	%	EPA 525.2	-88	-88	50	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	
2016/17-6	Lab	LCS dup	5/24/2017	Pesticide	Metribuzin	n/a	=	5.3	µg/L	EPA 525.2	0.015	0.1			
2016/17-6	Lab	LCS dup, rec	5/24/2017	Pesticide	Metribuzin	n/a	=	106	%	EPA 525.2	-88	-88	50	121	
2016/17-6	Lab	LCS, RPD	5/24/2017	Pesticide	Metribuzin	n/a	=	2	%	EPA 525.2	-88	-88	0	30	
2016/17-6	Lab	method blank	6/15/2017	Pesticide	Metribuzin	n/a	<	0.015	µg/L	EPA 525.2	0.015	0.1			
2016/17-6	Lab	LCS	6/15/2017	Pesticide	Metribuzin	n/a	=	5.82	µg/L	EPA 525.2	0.015	0.1			
2016/17-6	Lab	LCS, rec	6/15/2017	Pesticide	Metribuzin	n/a	=	116	%	EPA 525.2	-88	-88	50	121	
2016/17-6	Lab	LCS dup	6/15/2017	Pesticide	Metribuzin	n/a	=	5.84	µg/L	EPA 525.2	0.015	0.1			
2016/17-6	Lab	LCS dup, rec	6/15/2017	Pesticide	Metribuzin	n/a	=	117	%	EPA 525.2	-88	-88	50	121	
2016/17-6	Lab	LCS, RPD	6/15/2017	Pesticide	Metribuzin	n/a	=	0.3	%	EPA 525.2	-88	-88	0	30	
2016/17-6	000NONPJ	matrix spike	5/16/2017	Pesticide	Mevinphos	n/a	=	0.111	µg/L	EPA 525.2m	0.0042	0.01			GB
2016/17-6	000NONPJ	matrix spike, rec	5/16/2017	Pesticide	Mevinphos	n/a	=	223	%	EPA 525.2m	-88	-88	25	189	GB
2016/17-6	000NONPJ	matrix spike dup	5/16/2017	Pesticide	Mevinphos	n/a	=	0.165	µg/L	EPA 525.2m	0.0042	0.01			EST,GB
2016/17-6	000NONPJ	matrix spike dup, rec	5/16/2017	Pesticide	Mevinphos	n/a	=	330	%	EPA 525.2m	-88	-88	25	189	EST,GB
2016/17-6	000NONPJ	matrix spike, RPD	5/16/2017	Pesticide	Mevinphos	n/a	=	39	%	EPA 525.2m	-88	-88	0	30	EST,IL
2016/17-6	000NONPJ	matrix spike	5/24/2017	Pesticide	Mevinphos	n/a	=	0.0538	µg/L	EPA 525.2m	0.0042	0.01			
2016/17-6	000NONPJ	matrix spike, rec	5/24/2017	Pesticide	Mevinphos	n/a	=	108	%	EPA 525.2m	-88	-88	25	189	
2016/17-6	000NONPJ	matrix spike dup	5/24/2017	Pesticide	Mevinphos	n/a	=	0.048	µg/L	EPA 525.2m	0.0042	0.01			
2016/17-6	000NONPJ	matrix spike dup, rec	5/24/2017	Pesticide	Mevinphos	n/a	=	96	%	EPA 525.2m	-88	-88	25	189	
2016/17-6	000NONPJ	matrix spike, RPD	5/24/2017	Pesticide	Mevinphos	n/a	=	12	%	EPA 525.2m	-88	-88	0	30	
2016/17-6	000NONPJ	matrix spike	5/25/2017	Pesticide	Mevinphos	n/a	=	0.0552	µg/L	EPA 525.2m	0.0042	0.01			
2016/17-6	000NONPJ	matrix spike, rec	5/25/2017	Pesticide	Mevinphos	n/a	=	110	%	EPA 525.2m	-88	-88	25	189	
2016/17-6	000NONPJ	matrix spike dup	5/25/2017	Pesticide	Mevinphos	n/a	=	0.0684	µg/L	EPA 525.2m	0.0042	0.01			
2016/17-6	000NONPJ	matrix spike dup, rec	5/25/2017	Pesticide	Mevinphos	n/a	=	137	%	EPA 525.2m	-88	-88	25	189	
2016/17-6	000NONPJ	matrix spike, RPD	5/25/2017	Pesticide	Mevinphos	n/a	=	21	%	EPA 525.2m	-88	-88	0	30	
2016/17-6	Lab	method blank	5/16/2017	Pesticide	Mevinphos	n/a	<	0.0042	µg/L	EPA 525.2m	0.0042	0.01			
2016/17-6	Lab	LCS	5/16/2017	Pesticide	Mevinphos	n/a	=	0.0308	µg/L	EPA 525.2m	0.0042	0.01			
2016/17-6	Lab	LCS, rec	5/16/2017	Pesticide	Mevinphos	n/a	=	62	%	EPA 525.2m	-88	-88	14	202	
2016/17-6	Lab	method blank	5/24/2017	Pesticide	Mevinphos	n/a	<	0.0042	µg/L	EPA 525.2m	0.0042	0.01			
2016/17-6	Lab	LCS	5/24/2017	Pesticide	Mevinphos	n/a	=	0.0424	µg/L	EPA 525.2m	0.0042	0.01			
2016/17-6	Lab	LCS, rec	5/24/2017	Pesticide	Mevinphos	n/a	=	85	%	EPA 525.2m	-88	-88	14	202	
2016/17-6	Lab	method blank	5/25/2017	Pesticide	Mevinphos	n/a	<	0.0042	µg/L	EPA 525.2m	0.0042	0.01			
2016/17-6	Lab	LCS	5/25/2017	Pesticide	Mevinphos	n/a	=	0.0432	µg/L	EPA 525.2m	0.0042	0.01			
2016/17-6	Lab	LCS, rec	5/25/2017	Pesticide	Mevinphos	n/a	=	86	%	EPA 525.2m	-88	-88	14	202	
2016/17-6	Lab	method blank	5/5/2017	Pesticide	Molinate	n/a	<	0.039	µg/L	EPA 525.2	0.039	0.1			
2016/17-6	Lab	LCS	5/5/2017	Pesticide	Molinate	n/a	=	5.25	µg/L	EPA 525.2	0.039	0.1			
2016/17-6	Lab	LCS, rec	5/5/2017	Pesticide	Molinate	n/a	=	105	%	EPA 525.2	-88	-88	82	117	
2016/17-6	Lab	LCS dup	5/5/2017	Pesticide	Molinate	n/a	=	5.45	µg/L	EPA 525.2	0.039	0.1			
2016/17-6	Lab	LCS dup, rec	5/5/2017	Pesticide	Molinate	n/a	=	109	%	EPA 525.2	-88	-88	82	117	
2016/17-6	Lab	LCS, RPD	5/5/2017	Pesticide	Molinate	n/a	=	4	%	EPA 525.2	-88	-88	0	30	
2016/17-6	Lab	method blank	5/24/2017	Pesticide	Molinate	n/a	<	0.039	µg/L	EPA 525.2	0.039	0.1			
2016/17-6	Lab	LCS	5/24/2017	Pesticide	Molinate	n/a	=	5.23	µg/L	EPA 525.2	0.039	0.1			
2016/17-6	Lab	LCS, rec	5/24/2017	Pesticide	Molinate	n/a	=	105	%	EPA 525.2	-88	-88	82	117	
2016/17-6	Lab	LCS dup	5/24/2017	Pesticide	Molinate	n/a	=	5.29	µg/L	EPA 525.2	0.039	0.1			
2016/17-6	Lab	LCS dup, rec	5/24/2017	Pesticide	Molinate	n/a	=	106	%	EPA 525.2	-88	-88	82	117	
2016/17-6	Lab	LCS, RPD	5/24/2017	Pesticide	Molinate	n/a	=	1	%	EPA 525.2	-88	-88	0	30	
2016/17-6	Lab	method blank	6/15/2017	Pesticide	Molinate	n/a	<	0.039	µg/L	EPA 525.2	0.039	0.1			
2016/17-6	Lab	LCS	6/15/2017	Pesticide	Molinate	n/a	=	5.47	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	
2016/17-6	Lab	LCS, rec	6/15/2017	Pesticide	Molinate	n/a	=	109	%	EPA 525.2	-88	-88	82	117	
2016/17-6	Lab	LCS dup	6/15/2017	Pesticide	Molinate	n/a	=	5.56	µg/L	EPA 525.2	0.039	0.1			
2016/17-6	Lab	LCS dup, rec	6/15/2017	Pesticide	Molinate	n/a	=	111	%	EPA 525.2	-88	-88	82	117	
2016/17-6	Lab	LCS, RPD	6/15/2017	Pesticide	Molinate	n/a	=	2	%	EPA 525.2	-88	-88	0	30	
2016/17-6	000NONPJ	matrix spike	5/16/2017	Pesticide	Naled	n/a	=	0.665	µg/L	EPA 525.2m	0.0076	0.01			GB
2016/17-6	000NONPJ	matrix spike, rec	5/16/2017	Pesticide	Naled	n/a	=	1330	%	EPA 525.2m	-88	-88	0.1	242	GB
2016/17-6	000NONPJ	matrix spike dup	5/16/2017	Pesticide	Naled	n/a	=	0.724	µg/L	EPA 525.2m	0.0076	0.01			EST,GB
2016/17-6	000NONPJ	matrix spike dup, rec	5/16/2017	Pesticide	Naled	n/a	=	1450	%	EPA 525.2m	-88	-88	0.1	242	EST,GB
2016/17-6	000NONPJ	matrix spike, RPD	5/16/2017	Pesticide	Naled	n/a	=	8	%	EPA 525.2m	-88	-88	0	30	EST
2016/17-6	000NONPJ	matrix spike	5/24/2017	Pesticide	Naled	n/a	=	0.0282	µg/L	EPA 525.2m	0.0076	0.01			
2016/17-6	000NONPJ	matrix spike, rec	5/24/2017	Pesticide	Naled	n/a	=	56	%	EPA 525.2m	-88	-88	0.1	242	
2016/17-6	000NONPJ	matrix spike dup	5/24/2017	Pesticide	Naled	n/a	=	0.0285	µg/L	EPA 525.2m	0.0076	0.01			
2016/17-6	000NONPJ	matrix spike dup, rec	5/24/2017	Pesticide	Naled	n/a	=	57	%	EPA 525.2m	-88	-88	0.1	242	
2016/17-6	000NONPJ	matrix spike, RPD	5/24/2017	Pesticide	Naled	n/a	=	1	%	EPA 525.2m	-88	-88	0	30	
2016/17-6	000NONPJ	matrix spike	5/25/2017	Pesticide	Naled	n/a	=	0.0322	µg/L	EPA 525.2m	0.0076	0.01			
2016/17-6	000NONPJ	matrix spike, rec	5/25/2017	Pesticide	Naled	n/a	=	64	%	EPA 525.2m	-88	-88	0.1	242	
2016/17-6	000NONPJ	matrix spike dup	5/25/2017	Pesticide	Naled	n/a	=	0.0304	µg/L	EPA 525.2m	0.0076	0.01			
2016/17-6	000NONPJ	matrix spike dup, rec	5/25/2017	Pesticide	Naled	n/a	=	61	%	EPA 525.2m	-88	-88	0.1	242	
2016/17-6	000NONPJ	matrix spike, RPD	5/25/2017	Pesticide	Naled	n/a	=	6	%	EPA 525.2m	-88	-88	0	30	
2016/17-6	Lab	method blank	5/16/2017	Pesticide	Naled	n/a	<	0.0076	µg/L	EPA 525.2m	0.0076	0.01			
2016/17-6	Lab	LCS	5/16/2017	Pesticide	Naled	n/a	=	0.0513	µg/L	EPA 525.2m	0.0076	0.01			
2016/17-6	Lab	LCS, rec	5/16/2017	Pesticide	Naled	n/a	=	103	%	EPA 525.2m	-88	-88	0.1	240	
2016/17-6	Lab	method blank	5/24/2017	Pesticide	Naled	n/a	<	0.0076	µg/L	EPA 525.2m	0.0076	0.01			
2016/17-6	Lab	LCS	5/24/2017	Pesticide	Naled	n/a	=	0.0255	µg/L	EPA 525.2m	0.0076	0.01			
2016/17-6	Lab	LCS, rec	5/24/2017	Pesticide	Naled	n/a	=	51	%	EPA 525.2m	-88	-88	0.1	240	
2016/17-6	Lab	method blank	5/25/2017	Pesticide	Naled	n/a	<	0.0076	µg/L	EPA 525.2m	0.0076	0.01			
2016/17-6	Lab	LCS	5/25/2017	Pesticide	Naled	n/a	=	0.0211	µg/L	EPA 525.2m	0.0076	0.01			
2016/17-6	Lab	LCS, rec	5/25/2017	Pesticide	Naled	n/a	=	42	%	EPA 525.2m	-88	-88	0.1	240	
2016/17-6	000NONPJ	matrix spike	5/12/2017	Pesticide	Pentachlorophenol	n/a	=	4.79	µg/L	EPA 515.3	0.04	0.2			
2016/17-6	000NONPJ	matrix spike, rec	5/12/2017	Pesticide	Pentachlorophenol	n/a	=	120	%	EPA 515.3	-88	-88	70	130	
2016/17-6	000NONPJ	matrix spike dup	5/12/2017	Pesticide	Pentachlorophenol	n/a	=	4.73	µg/L	EPA 515.3	0.04	0.2			
2016/17-6	000NONPJ	matrix spike dup, rec	5/12/2017	Pesticide	Pentachlorophenol	n/a	=	118	%	EPA 515.3	-88	-88	70	130	
2016/17-6	000NONPJ	matrix spike, RPD	5/12/2017	Pesticide	Pentachlorophenol	n/a	=	1	%	EPA 515.3	-88	-88	0	30	
2016/17-6	000NONPJ	matrix spike	5/12/2017	Pesticide	Pentachlorophenol	n/a	=	4.77	µg/L	EPA 515.3	0.04	0.2			
2016/17-6	000NONPJ	matrix spike, rec	5/12/2017	Pesticide	Pentachlorophenol	n/a	=	119	%	EPA 515.3	-88	-88	70	130	
2016/17-6	000NONPJ	matrix spike dup	5/12/2017	Pesticide	Pentachlorophenol	n/a	=	4.81	µg/L	EPA 515.3	0.04	0.2			
2016/17-6	000NONPJ	matrix spike dup, rec	5/12/2017	Pesticide	Pentachlorophenol	n/a	=	120	%	EPA 515.3	-88	-88	70	130	
2016/17-6	000NONPJ	matrix spike, RPD	5/12/2017	Pesticide	Pentachlorophenol	n/a	=	0.8	%	EPA 515.3	-88	-88	0	30	
2016/17-6	000NONPJ	matrix spike	5/23/2017	Pesticide	Pentachlorophenol	n/a	=	4.16	µg/L	EPA 515.3	0.04	0.2			
2016/17-6	000NONPJ	matrix spike, rec	5/23/2017	Pesticide	Pentachlorophenol	n/a	=	104	%	EPA 515.3	-88	-88	70	130	
2016/17-6	000NONPJ	matrix spike dup	5/23/2017	Pesticide	Pentachlorophenol	n/a	=	4.32	µg/L	EPA 515.3	0.04	0.2			
2016/17-6	000NONPJ	matrix spike dup, rec	5/23/2017	Pesticide	Pentachlorophenol	n/a	=	108	%	EPA 515.3	-88	-88	70	130	
2016/17-6	000NONPJ	matrix spike, RPD	5/23/2017	Pesticide	Pentachlorophenol	n/a	=	4	%	EPA 515.3	-88	-88	0	30	
2016/17-6	000NONPJ	matrix spike	5/23/2017	Pesticide	Pentachlorophenol	n/a	=	1.09	µg/L	EPA 515.3	0.04	0.2			GB
2016/17-6	000NONPJ	matrix spike, rec	5/23/2017	Pesticide	Pentachlorophenol	n/a	=	27	%	EPA 515.3	-88	-88	70	130	GB
2016/17-6	000NONPJ	matrix spike dup	5/23/2017	Pesticide	Pentachlorophenol	n/a	=	1.24	µg/L	EPA 515.3	0.04	0.2			GB
2016/17-6	000NONPJ	matrix spike dup, rec	5/23/2017	Pesticide	Pentachlorophenol	n/a	=	31	%	EPA 515.3	-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	
2016/17-6	000NONPJ	matrix spike, RPD	5/23/2017	Pesticide	Pentachlorophenol	n/a	=	13	%	EPA 515.3	-88	-88	0	30	
2016/17-6	000NONPJ	matrix spike	5/25/2017	Pesticide	Pentachlorophenol	n/a	=	4.32	µg/L	EPA 515.3	0.04	0.2			
2016/17-6	000NONPJ	matrix spike, rec	5/25/2017	Pesticide	Pentachlorophenol	n/a	=	108	%	EPA 515.3	-88	-88	70	130	
2016/17-6	000NONPJ	matrix spike dup	5/25/2017	Pesticide	Pentachlorophenol	n/a	=	4.36	µg/L	EPA 515.3	0.04	0.2			
2016/17-6	000NONPJ	matrix spike dup, rec	5/25/2017	Pesticide	Pentachlorophenol	n/a	=	109	%	EPA 515.3	-88	-88	70	130	
2016/17-6	000NONPJ	matrix spike, RPD	5/25/2017	Pesticide	Pentachlorophenol	n/a	=	1	%	EPA 515.3	-88	-88	0	30	
2016/17-6	Lab	method blank	5/12/2017	Pesticide	Pentachlorophenol	n/a	<	0.04	µg/L	EPA 515.3	0.04	0.2			
2016/17-6	Lab	LCS	5/12/2017	Pesticide	Pentachlorophenol	n/a	=	4.94	µg/L	EPA 515.3	0.04	0.2			
2016/17-6	Lab	LCS, rec	5/12/2017	Pesticide	Pentachlorophenol	n/a	=	124	%	EPA 515.3	-88	-88	70	130	
2016/17-6	Lab	method blank	5/13/2017	Pesticide	Pentachlorophenol	n/a	<	0.19	µg/L	EPA 625	0.19	1			
2016/17-6	Lab	LCS	5/13/2017	Pesticide	Pentachlorophenol	n/a	=	19	µg/L	EPA 625	0.19	1			
2016/17-6	Lab	LCS, rec	5/13/2017	Pesticide	Pentachlorophenol	n/a	=	76	%	EPA 625	-88	-88	14	176	
2016/17-6	Lab	LCS dup	5/13/2017	Pesticide	Pentachlorophenol	n/a	=	17.2	µg/L	EPA 625	0.19	1			
2016/17-6	Lab	LCS dup, rec	5/13/2017	Pesticide	Pentachlorophenol	n/a	=	69	%	EPA 625	-88	-88	14	176	
2016/17-6	Lab	LCS, RPD	5/13/2017	Pesticide	Pentachlorophenol	n/a	=	10	%	EPA 625	-88	-88	0	30	
2016/17-6	Lab	method blank	5/23/2017	Pesticide	Pentachlorophenol	n/a	<	0.04	µg/L	EPA 515.3	0.04	0.2			
2016/17-6	Lab	LCS	5/23/2017	Pesticide	Pentachlorophenol	n/a	=	4.17	µg/L	EPA 515.3	0.04	0.2			
2016/17-6	Lab	LCS, rec	5/23/2017	Pesticide	Pentachlorophenol	n/a	=	104	%	EPA 515.3	-88	-88	70	130	
2016/17-6	Lab	method blank	5/23/2017	Pesticide	Pentachlorophenol	n/a	<	0.04	µg/L	EPA 515.3	0.04	0.2			
2016/17-6	Lab	LCS	5/23/2017	Pesticide	Pentachlorophenol	n/a	=	4.06	µg/L	EPA 515.3	0.04	0.2			
2016/17-6	Lab	LCS, rec	5/23/2017	Pesticide	Pentachlorophenol	n/a	=	102	%	EPA 515.3	-88	-88	70	130	
2016/17-6	Lab	method blank	5/23/2017	Pesticide	Pentachlorophenol	n/a	<	0.15	µg/L	EPA 8270C	0.15	1			
2016/17-6	Lab	LCS	5/23/2017	Pesticide	Pentachlorophenol	n/a	=	7.48	µg/L	EPA 8270C	0.15	1			
2016/17-6	Lab	LCS, rec	5/23/2017	Pesticide	Pentachlorophenol	n/a	=	75	%	EPA 8270C	-88	-88	29	106	
2016/17-6	Lab	LCS dup	5/23/2017	Pesticide	Pentachlorophenol	n/a	=	8.19	µg/L	EPA 8270C	0.15	1			
2016/17-6	Lab	LCS dup, rec	5/23/2017	Pesticide	Pentachlorophenol	n/a	=	82	%	EPA 8270C	-88	-88	29	106	
2016/17-6	Lab	LCS, RPD	5/23/2017	Pesticide	Pentachlorophenol	n/a	=	9	%	EPA 8270C	-88	-88	0	30	
2016/17-6	Lab	method blank	5/23/2017	Pesticide	Pentachlorophenol	n/a	<	0.15	µg/L	EPA 8270C	0.15	1			
2016/17-6	Lab	LCS	5/23/2017	Pesticide	Pentachlorophenol	n/a	=	8.48	µg/L	EPA 8270C	0.15	1			
2016/17-6	Lab	LCS, rec	5/23/2017	Pesticide	Pentachlorophenol	n/a	=	85	%	EPA 8270C	-88	-88	29	106	
2016/17-6	Lab	LCS dup	5/23/2017	Pesticide	Pentachlorophenol	n/a	=	8.81	µg/L	EPA 8270C	0.15	1			
2016/17-6	Lab	LCS dup, rec	5/23/2017	Pesticide	Pentachlorophenol	n/a	=	88	%	EPA 8270C	-88	-88	29	106	
2016/17-6	Lab	LCS, RPD	5/23/2017	Pesticide	Pentachlorophenol	n/a	=	4	%	EPA 8270C	-88	-88	0	30	
2016/17-6	Lab	method blank	5/24/2017	Pesticide	Pentachlorophenol	n/a	<	0.04	µg/L	EPA 515.3	0.04	0.2			
2016/17-6	Lab	LCS	5/24/2017	Pesticide	Pentachlorophenol	n/a	=	4.12	µg/L	EPA 515.3	0.04	0.2			
2016/17-6	Lab	LCS, rec	5/24/2017	Pesticide	Pentachlorophenol	n/a	=	103	%	EPA 515.3	-88	-88	70	130	
2016/17-6	Lab	method blank	5/25/2017	Pesticide	Pentachlorophenol	n/a	<	0.04	µg/L	EPA 515.3	0.04	0.2			
2016/17-6	Lab	LCS	5/25/2017	Pesticide	Pentachlorophenol	n/a	=	4.3	µg/L	EPA 515.3	0.04	0.2			
2016/17-6	Lab	LCS, rec	5/25/2017	Pesticide	Pentachlorophenol	n/a	=	108	%	EPA 515.3	-88	-88	70	130	
2016/17-6	Lab	method blank	5/26/2017	Pesticide	Pentachlorophenol	n/a	<	0.19	µg/L	EPA 625	0.19	1			
2016/17-6	Lab	LCS	5/26/2017	Pesticide	Pentachlorophenol	n/a	=	21.3	µg/L	EPA 625	0.19	1			
2016/17-6	Lab	LCS, rec	5/26/2017	Pesticide	Pentachlorophenol	n/a	=	85	%	EPA 625	-88	-88	14	176	
2016/17-6	Lab	LCS dup	5/26/2017	Pesticide	Pentachlorophenol	n/a	=	20.9	µg/L	EPA 625	0.19	1			
2016/17-6	Lab	LCS dup, rec	5/26/2017	Pesticide	Pentachlorophenol	n/a	=	84	%	EPA 625	-88	-88	14	176	
2016/17-6	Lab	LCS, RPD	5/26/2017	Pesticide	Pentachlorophenol	n/a	=	2	%	EPA 625	-88	-88	0	30	
2016/17-6	Lab	method blank	5/31/2017	Pesticide	Pentachlorophenol	n/a	<	0.19	µg/L	EPA 625	0.19	1			
2016/17-6	Lab	LCS	5/31/2017	Pesticide	Pentachlorophenol	n/a	=	20.8	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	
2016/17-6	Lab	LCS, rec	5/31/2017	Pesticide	Pentachlorophenol	n/a	=	83	%	EPA 625	-88	-88	14	176	
2016/17-6	Lab	LCS dup	5/31/2017	Pesticide	Pentachlorophenol	n/a	=	21.3	µg/L	EPA 625	0.19	1			
2016/17-6	Lab	LCS dup, rec	5/31/2017	Pesticide	Pentachlorophenol	n/a	=	85	%	EPA 625	-88	-88	14	176	
2016/17-6	Lab	LCS, RPD	5/31/2017	Pesticide	Pentachlorophenol	n/a	=	2	%	EPA 625	-88	-88	0	30	
2016/17-6	Lab	method blank	6/2/2017	Pesticide	Pentachlorophenol	n/a	<	0.15	µg/L	EPA 8270C	0.15	1			
2016/17-6	Lab	LCS	6/2/2017	Pesticide	Pentachlorophenol	n/a	=	4.53	µg/L	EPA 8270C	0.15	1			
2016/17-6	Lab	LCS, rec	6/2/2017	Pesticide	Pentachlorophenol	n/a	=	45	%	EPA 8270C	-88	-88	29	106	
2016/17-6	Lab	LCS dup	6/2/2017	Pesticide	Pentachlorophenol	n/a	=	4.9	µg/L	EPA 8270C	0.15	1			
2016/17-6	Lab	LCS dup, rec	6/2/2017	Pesticide	Pentachlorophenol	n/a	=	49	%	EPA 8270C	-88	-88	29	106	
2016/17-6	Lab	LCS, RPD	6/2/2017	Pesticide	Pentachlorophenol	n/a	=	8	%	EPA 8270C	-88	-88	0	30	
2016/17-6	000NONPJ	matrix spike	5/16/2017	Pesticide	Phorate	n/a	=	0.0841	µg/L	EPA 525.2m	0.003	0.01			
2016/17-6	000NONPJ	matrix spike, rec	5/16/2017	Pesticide	Phorate	n/a	=	168	%	EPA 525.2m	-88	-88	31	181	
2016/17-6	000NONPJ	matrix spike dup	5/16/2017	Pesticide	Phorate	n/a	=	0.101	µg/L	EPA 525.2m	0.003	0.01			EST,GB
2016/17-6	000NONPJ	matrix spike dup, rec	5/16/2017	Pesticide	Phorate	n/a	=	201	%	EPA 525.2m	-88	-88	31	181	EST,GB
2016/17-6	000NONPJ	matrix spike, RPD	5/16/2017	Pesticide	Phorate	n/a	=	18	%	EPA 525.2m	-88	-88	0	30	EST
2016/17-6	000NONPJ	matrix spike	5/24/2017	Pesticide	Phorate	n/a	=	0.0568	µg/L	EPA 525.2m	0.003	0.01			
2016/17-6	000NONPJ	matrix spike, rec	5/24/2017	Pesticide	Phorate	n/a	=	114	%	EPA 525.2m	-88	-88	31	181	
2016/17-6	000NONPJ	matrix spike dup	5/24/2017	Pesticide	Phorate	n/a	=	0.0574	µg/L	EPA 525.2m	0.003	0.01			
2016/17-6	000NONPJ	matrix spike dup, rec	5/24/2017	Pesticide	Phorate	n/a	=	115	%	EPA 525.2m	-88	-88	31	181	
2016/17-6	000NONPJ	matrix spike, RPD	5/24/2017	Pesticide	Phorate	n/a	=	1	%	EPA 525.2m	-88	-88	0	30	
2016/17-6	000NONPJ	matrix spike	5/25/2017	Pesticide	Phorate	n/a	=	0.0688	µg/L	EPA 525.2m	0.003	0.01			
2016/17-6	000NONPJ	matrix spike, rec	5/25/2017	Pesticide	Phorate	n/a	=	138	%	EPA 525.2m	-88	-88	31	181	
2016/17-6	000NONPJ	matrix spike dup	5/25/2017	Pesticide	Phorate	n/a	=	0.0679	µg/L	EPA 525.2m	0.003	0.01			
2016/17-6	000NONPJ	matrix spike dup, rec	5/25/2017	Pesticide	Phorate	n/a	=	136	%	EPA 525.2m	-88	-88	31	181	
2016/17-6	000NONPJ	matrix spike, RPD	5/25/2017	Pesticide	Phorate	n/a	=	1	%	EPA 525.2m	-88	-88	0	30	
2016/17-6	Lab	method blank	5/16/2017	Pesticide	Phorate	n/a	<	0.003	µg/L	EPA 525.2m	0.003	0.01			
2016/17-6	Lab	LCS	5/16/2017	Pesticide	Phorate	n/a	=	0.0612	µg/L	EPA 525.2m	0.003	0.01			
2016/17-6	Lab	LCS, rec	5/16/2017	Pesticide	Phorate	n/a	=	122	%	EPA 525.2m	-88	-88	26	180	
2016/17-6	Lab	method blank	5/24/2017	Pesticide	Phorate	n/a	<	0.003	µg/L	EPA 525.2m	0.003	0.01			
2016/17-6	Lab	LCS	5/24/2017	Pesticide	Phorate	n/a	=	0.0525	µg/L	EPA 525.2m	0.003	0.01			
2016/17-6	Lab	LCS, rec	5/24/2017	Pesticide	Phorate	n/a	=	105	%	EPA 525.2m	-88	-88	26	180	
2016/17-6	Lab	method blank	5/25/2017	Pesticide	Phorate	n/a	<	0.003	µg/L	EPA 525.2m	0.003	0.01			
2016/17-6	Lab	LCS	5/25/2017	Pesticide	Phorate	n/a	=	0.0501	µg/L	EPA 525.2m	0.003	0.01			
2016/17-6	Lab	LCS, rec	5/25/2017	Pesticide	Phorate	n/a	=	100	%	EPA 525.2m	-88	-88	26	180	
2016/17-6	000NONPJ	matrix spike	5/12/2017	Pesticide	Picloram	n/a	=	4.68	µg/L	EPA 515.3	0.05	0.6			
2016/17-6	000NONPJ	matrix spike, rec	5/12/2017	Pesticide	Picloram	n/a	=	117	%	EPA 515.3	-88	-88	70	130	
2016/17-6	000NONPJ	matrix spike dup	5/12/2017	Pesticide	Picloram	n/a	=	4.65	µg/L	EPA 515.3	0.05	0.6			
2016/17-6	000NONPJ	matrix spike dup, rec	5/12/2017	Pesticide	Picloram	n/a	=	116	%	EPA 515.3	-88	-88	70	130	
2016/17-6	000NONPJ	matrix spike, RPD	5/12/2017	Pesticide	Picloram	n/a	=	0.6	%	EPA 515.3	-88	-88	0	30	
2016/17-6	000NONPJ	matrix spike	5/12/2017	Pesticide	Picloram	n/a	=	5.04	µg/L	EPA 515.3	0.05	0.6			
2016/17-6	000NONPJ	matrix spike, rec	5/12/2017	Pesticide	Picloram	n/a	=	126	%	EPA 515.3	-88	-88	70	130	
2016/17-6	000NONPJ	matrix spike dup	5/12/2017	Pesticide	Picloram	n/a	=	4.83	µg/L	EPA 515.3	0.05	0.6			
2016/17-6	000NONPJ	matrix spike dup, rec	5/12/2017	Pesticide	Picloram	n/a	=	121	%	EPA 515.3	-88	-88	70	130	
2016/17-6	000NONPJ	matrix spike, RPD	5/12/2017	Pesticide	Picloram	n/a	=	4	%	EPA 515.3	-88	-88	0	30	
2016/17-6	000NONPJ	matrix spike	5/23/2017	Pesticide	Picloram	n/a	=	4.4	µg/L	EPA 515.3	0.05	0.6			
2016/17-6	000NONPJ	matrix spike, rec	5/23/2017	Pesticide	Picloram	n/a	=	110	%	EPA 515.3	-88	-88	70	130	
2016/17-6	000NONPJ	matrix spike dup	5/23/2017	Pesticide	Picloram	n/a	=	4.71	µg/L	EPA 515.3	0.05	0.6			

Appendix F
Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2016/17-6	000NONPJ	matrix spike dup, rec	5/23/2017	Pesticide	Picloram	n/a	=	118	%	EPA 515.3	-88	-88	70	130	
2016/17-6	000NONPJ	matrix spike, RPD	5/23/2017	Pesticide	Picloram	n/a	=	7	%	EPA 515.3	-88	-88	0	30	
2016/17-6	000NONPJ	matrix spike	5/23/2017	Pesticide	Picloram	n/a	=	4.63	µg/L	EPA 515.3	0.05	0.6			
2016/17-6	000NONPJ	matrix spike, rec	5/23/2017	Pesticide	Picloram	n/a	=	116	%	EPA 515.3	-88	-88	70	130	
2016/17-6	000NONPJ	matrix spike dup	5/23/2017	Pesticide	Picloram	n/a	=	4.46	µg/L	EPA 515.3	0.05	0.6			
2016/17-6	000NONPJ	matrix spike dup, rec	5/23/2017	Pesticide	Picloram	n/a	=	112	%	EPA 515.3	-88	-88	70	130	
2016/17-6	000NONPJ	matrix spike, RPD	5/23/2017	Pesticide	Picloram	n/a	=	4	%	EPA 515.3	-88	-88	0	30	
2016/17-6	000NONPJ	matrix spike	5/25/2017	Pesticide	Picloram	n/a	=	4.8	µg/L	EPA 515.3	0.05	0.6			
2016/17-6	000NONPJ	matrix spike, rec	5/25/2017	Pesticide	Picloram	n/a	=	120	%	EPA 515.3	-88	-88	70	130	
2016/17-6	000NONPJ	matrix spike dup	5/25/2017	Pesticide	Picloram	n/a	=	4.74	µg/L	EPA 515.3	0.05	0.6			
2016/17-6	000NONPJ	matrix spike dup, rec	5/25/2017	Pesticide	Picloram	n/a	=	118	%	EPA 515.3	-88	-88	70	130	
2016/17-6	000NONPJ	matrix spike, RPD	5/25/2017	Pesticide	Picloram	n/a	=	1	%	EPA 515.3	-88	-88	0	30	
2016/17-6	Lab	method blank	5/12/2017	Pesticide	Picloram	n/a	<	0.05	µg/L	EPA 515.3	0.05	0.6			
2016/17-6	Lab	LCS	5/12/2017	Pesticide	Picloram	n/a	=	4.93	µg/L	EPA 515.3	0.05	0.6			
2016/17-6	Lab	LCS, rec	5/12/2017	Pesticide	Picloram	n/a	=	123	%	EPA 515.3	-88	-88	70	130	
2016/17-6	Lab	method blank	5/23/2017	Pesticide	Picloram	n/a	<	0.05	µg/L	EPA 515.3	0.05	0.6			
2016/17-6	Lab	LCS	5/23/2017	Pesticide	Picloram	n/a	=	4.48	µg/L	EPA 515.3	0.05	0.6			
2016/17-6	Lab	LCS, rec	5/23/2017	Pesticide	Picloram	n/a	=	112	%	EPA 515.3	-88	-88	70	130	
2016/17-6	Lab	method blank	5/23/2017	Pesticide	Picloram	n/a	<	0.05	µg/L	EPA 515.3	0.05	0.6			
2016/17-6	Lab	LCS	5/23/2017	Pesticide	Picloram	n/a	=	4.61	µg/L	EPA 515.3	0.05	0.6			
2016/17-6	Lab	LCS, rec	5/23/2017	Pesticide	Picloram	n/a	=	115	%	EPA 515.3	-88	-88	70	130	
2016/17-6	Lab	method blank	5/24/2017	Pesticide	Picloram	n/a	<	0.05	µg/L	EPA 515.3	0.05	0.6			
2016/17-6	Lab	LCS	5/24/2017	Pesticide	Picloram	n/a	=	4.35	µg/L	EPA 515.3	0.05	0.6			
2016/17-6	Lab	LCS, rec	5/24/2017	Pesticide	Picloram	n/a	=	109	%	EPA 515.3	-88	-88	70	130	
2016/17-6	Lab	method blank	5/25/2017	Pesticide	Picloram	n/a	<	0.05	µg/L	EPA 515.3	0.05	0.6			
2016/17-6	Lab	LCS	5/25/2017	Pesticide	Picloram	n/a	=	4.42	µg/L	EPA 515.3	0.05	0.6			
2016/17-6	Lab	LCS, rec	5/25/2017	Pesticide	Picloram	n/a	=	111	%	EPA 515.3	-88	-88	70	130	
2016/17-6	Lab	method blank	5/5/2017	Pesticide	Prometon	n/a	<	0.024	µg/L	EPA 525.2	0.024	0.2			
2016/17-6	Lab	LCS	5/5/2017	Pesticide	Prometon	n/a	=	2.02	µg/L	EPA 525.2	0.024	0.2			
2016/17-6	Lab	LCS, rec	5/5/2017	Pesticide	Prometon	n/a	=	40	%	EPA 525.2	-88	-88	17	101	
2016/17-6	Lab	LCS dup	5/5/2017	Pesticide	Prometon	n/a	=	2.35	µg/L	EPA 525.2	0.024	0.2			
2016/17-6	Lab	LCS dup, rec	5/5/2017	Pesticide	Prometon	n/a	=	47	%	EPA 525.2	-88	-88	17	101	
2016/17-6	Lab	LCS, RPD	5/5/2017	Pesticide	Prometon	n/a	=	15	%	EPA 525.2	-88	-88	0	30	
2016/17-6	Lab	method blank	5/24/2017	Pesticide	Prometon	n/a	<	0.024	µg/L	EPA 525.2	0.024	0.2			
2016/17-6	Lab	LCS	5/24/2017	Pesticide	Prometon	n/a	=	2.28	µg/L	EPA 525.2	0.024	0.2			
2016/17-6	Lab	LCS, rec	5/24/2017	Pesticide	Prometon	n/a	=	46	%	EPA 525.2	-88	-88	17	101	
2016/17-6	Lab	LCS dup	5/24/2017	Pesticide	Prometon	n/a	=	2.48	µg/L	EPA 525.2	0.024	0.2			
2016/17-6	Lab	LCS dup, rec	5/24/2017	Pesticide	Prometon	n/a	=	50	%	EPA 525.2	-88	-88	17	101	
2016/17-6	Lab	LCS, RPD	5/24/2017	Pesticide	Prometon	n/a	=	9	%	EPA 525.2	-88	-88	0	30	
2016/17-6	Lab	method blank	6/15/2017	Pesticide	Prometon	n/a	<	0.024	µg/L	EPA 525.2	0.024	0.2			
2016/17-6	Lab	LCS	6/15/2017	Pesticide	Prometon	n/a	=	2.7	µg/L	EPA 525.2	0.024	0.2			
2016/17-6	Lab	LCS, rec	6/15/2017	Pesticide	Prometon	n/a	=	54	%	EPA 525.2	-88	-88	17	101	
2016/17-6	Lab	LCS dup	6/15/2017	Pesticide	Prometon	n/a	=	2.39	µg/L	EPA 525.2	0.024	0.2			
2016/17-6	Lab	LCS dup, rec	6/15/2017	Pesticide	Prometon	n/a	=	48	%	EPA 525.2	-88	-88	17	101	
2016/17-6	Lab	LCS, RPD	6/15/2017	Pesticide	Prometon	n/a	=	12	%	EPA 525.2	-88	-88	0	30	
2016/17-6	Lab	method blank	5/5/2017	Pesticide	Prometryn	n/a	<	0.036	µg/L	EPA 525.2	0.036	0.1			
2016/17-6	Lab	LCS	5/5/2017	Pesticide	Prometryn	n/a	=	4.06	µg/L	EPA 525.2	0.036	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	
2016/17-6	Lab	LCS, rec	5/5/2017	Pesticide	Prometryn	n/a	=	81	%	EPA 525.2	-88	-88	57	122	
2016/17-6	Lab	LCS dup	5/5/2017	Pesticide	Prometryn	n/a	=	4.41	µg/L	EPA 525.2	0.036	0.1			
2016/17-6	Lab	LCS dup, rec	5/5/2017	Pesticide	Prometryn	n/a	=	88	%	EPA 525.2	-88	-88	57	122	
2016/17-6	Lab	LCS, RPD	5/5/2017	Pesticide	Prometryn	n/a	=	8	%	EPA 525.2	-88	-88	0	30	
2016/17-6	Lab	method blank	5/24/2017	Pesticide	Prometryn	n/a	<	0.036	µg/L	EPA 525.2	0.036	0.1			
2016/17-6	Lab	LCS	5/24/2017	Pesticide	Prometryn	n/a	=	4.41	µg/L	EPA 525.2	0.036	0.1			
2016/17-6	Lab	LCS, rec	5/24/2017	Pesticide	Prometryn	n/a	=	88	%	EPA 525.2	-88	-88	57	122	
2016/17-6	Lab	LCS dup	5/24/2017	Pesticide	Prometryn	n/a	=	4.34	µg/L	EPA 525.2	0.036	0.1			
2016/17-6	Lab	LCS dup, rec	5/24/2017	Pesticide	Prometryn	n/a	=	87	%	EPA 525.2	-88	-88	57	122	
2016/17-6	Lab	LCS, RPD	5/24/2017	Pesticide	Prometryn	n/a	=	2	%	EPA 525.2	-88	-88	0	30	
2016/17-6	Lab	method blank	6/15/2017	Pesticide	Prometryn	n/a	<	0.036	µg/L	EPA 525.2	0.036	0.1			
2016/17-6	Lab	LCS	6/15/2017	Pesticide	Prometryn	n/a	=	4.97	µg/L	EPA 525.2	0.036	0.1			
2016/17-6	Lab	LCS, rec	6/15/2017	Pesticide	Prometryn	n/a	=	99	%	EPA 525.2	-88	-88	57	122	
2016/17-6	Lab	LCS dup	6/15/2017	Pesticide	Prometryn	n/a	=	4.49	µg/L	EPA 525.2	0.036	0.1			
2016/17-6	Lab	LCS dup, rec	6/15/2017	Pesticide	Prometryn	n/a	=	90	%	EPA 525.2	-88	-88	57	122	
2016/17-6	Lab	LCS, RPD	6/15/2017	Pesticide	Prometryn	n/a	=	10	%	EPA 525.2	-88	-88	0	30	
2016/17-6	000NONPJ	matrix spike	5/16/2017	Pesticide	Ronnel (Fenchlorphos)	n/a	=	0.0991	µg/L	EPA 525.2m	0.0041	0.01			GB
2016/17-6	000NONPJ	matrix spike, rec	5/16/2017	Pesticide	Ronnel (Fenchlorphos)	n/a	=	198	%	EPA 525.2m	-88	-88	29	153	GB
2016/17-6	000NONPJ	matrix spike dup	5/16/2017	Pesticide	Ronnel (Fenchlorphos)	n/a	=	0.15	µg/L	EPA 525.2m	0.0041	0.01			EST,GB
2016/17-6	000NONPJ	matrix spike dup, rec	5/16/2017	Pesticide	Ronnel (Fenchlorphos)	n/a	=	301	%	EPA 525.2m	-88	-88	29	153	EST,GB
2016/17-6	000NONPJ	matrix spike, RPD	5/16/2017	Pesticide	Ronnel (Fenchlorphos)	n/a	=	41	%	EPA 525.2m	-88	-88	0	30	EST,IL
2016/17-6	000NONPJ	matrix spike	5/24/2017	Pesticide	Ronnel (Fenchlorphos)	n/a	=	0.0614	µg/L	EPA 525.2m	0.0041	0.01			
2016/17-6	000NONPJ	matrix spike, rec	5/24/2017	Pesticide	Ronnel (Fenchlorphos)	n/a	=	123	%	EPA 525.2m	-88	-88	29	153	
2016/17-6	000NONPJ	matrix spike dup	5/24/2017	Pesticide	Ronnel (Fenchlorphos)	n/a	=	0.0607	µg/L	EPA 525.2m	0.0041	0.01			
2016/17-6	000NONPJ	matrix spike dup, rec	5/24/2017	Pesticide	Ronnel (Fenchlorphos)	n/a	=	121	%	EPA 525.2m	-88	-88	29	153	
2016/17-6	000NONPJ	matrix spike, RPD	5/24/2017	Pesticide	Ronnel (Fenchlorphos)	n/a	=	1	%	EPA 525.2m	-88	-88	0	30	
2016/17-6	000NONPJ	matrix spike	5/25/2017	Pesticide	Ronnel (Fenchlorphos)	n/a	=	0.0716	µg/L	EPA 525.2m	0.0041	0.01			
2016/17-6	000NONPJ	matrix spike, rec	5/25/2017	Pesticide	Ronnel (Fenchlorphos)	n/a	=	143	%	EPA 525.2m	-88	-88	29	153	
2016/17-6	000NONPJ	matrix spike dup	5/25/2017	Pesticide	Ronnel (Fenchlorphos)	n/a	=	0.0704	µg/L	EPA 525.2m	0.0041	0.01			
2016/17-6	000NONPJ	matrix spike dup, rec	5/25/2017	Pesticide	Ronnel (Fenchlorphos)	n/a	=	141	%	EPA 525.2m	-88	-88	29	153	
2016/17-6	000NONPJ	matrix spike, RPD	5/25/2017	Pesticide	Ronnel (Fenchlorphos)	n/a	=	2	%	EPA 525.2m	-88	-88	0	30	
2016/17-6	Lab	method blank	5/16/2017	Pesticide	Ronnel (Fenchlorphos)	n/a	<	0.0041	µg/L	EPA 525.2m	0.0041	0.01			
2016/17-6	Lab	LCS	5/16/2017	Pesticide	Ronnel (Fenchlorphos)	n/a	=	0.0676	µg/L	EPA 525.2m	0.0041	0.01			
2016/17-6	Lab	LCS, rec	5/16/2017	Pesticide	Ronnel (Fenchlorphos)	n/a	=	135	%	EPA 525.2m	-88	-88	34	154	
2016/17-6	Lab	method blank	5/24/2017	Pesticide	Ronnel (Fenchlorphos)	n/a	<	0.0041	µg/L	EPA 525.2m	0.0041	0.01			
2016/17-6	Lab	LCS	5/24/2017	Pesticide	Ronnel (Fenchlorphos)	n/a	=	0.0551	µg/L	EPA 525.2m	0.0041	0.01			
2016/17-6	Lab	LCS, rec	5/24/2017	Pesticide	Ronnel (Fenchlorphos)	n/a	=	110	%	EPA 525.2m	-88	-88	34	154	
2016/17-6	Lab	method blank	5/25/2017	Pesticide	Ronnel (Fenchlorphos)	n/a	<	0.0041	µg/L	EPA 525.2m	0.0041	0.01			
2016/17-6	Lab	LCS	5/25/2017	Pesticide	Ronnel (Fenchlorphos)	n/a	=	0.0553	µg/L	EPA 525.2m	0.0041	0.01			
2016/17-6	Lab	LCS, rec	5/25/2017	Pesticide	Ronnel (Fenchlorphos)	n/a	=	111	%	EPA 525.2m	-88	-88	34	154	
2016/17-6	Lab	method blank	5/5/2017	Pesticide	Simazine	n/a	<	0.015	µg/L	EPA 525.2	0.015	0.1			
2016/17-6	Lab	LCS	5/5/2017	Pesticide	Simazine	n/a	=	4.83	µg/L	EPA 525.2	0.015	0.1			
2016/17-6	Lab	LCS, rec	5/5/2017	Pesticide	Simazine	n/a	=	97	%	EPA 525.2	-88	-88	53	116	
2016/17-6	Lab	LCS dup	5/5/2017	Pesticide	Simazine	n/a	=	4.9	µg/L	EPA 525.2	0.015	0.1			
2016/17-6	Lab	LCS dup, rec	5/5/2017	Pesticide	Simazine	n/a	=	98	%	EPA 525.2	-88	-88	53	116	
2016/17-6	Lab	LCS, RPD	5/5/2017	Pesticide	Simazine	n/a	=	1	%	EPA 525.2	-88	-88	0	30	
2016/17-6	Lab	method blank	5/24/2017	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	
2016/17-6	Lab	LCS	5/24/2017	Pesticide	Simazine	n/a	=	4.69	µg/L	EPA 525.2	0.015	0.1			
2016/17-6	Lab	LCS, rec	5/24/2017	Pesticide	Simazine	n/a	=	94	%	EPA 525.2	-88	-88	53	116	
2016/17-6	Lab	LCS dup	5/24/2017	Pesticide	Simazine	n/a	=	4.83	µg/L	EPA 525.2	0.015	0.1			
2016/17-6	Lab	LCS dup, rec	5/24/2017	Pesticide	Simazine	n/a	=	97	%	EPA 525.2	-88	-88	53	116	
2016/17-6	Lab	LCS, RPD	5/24/2017	Pesticide	Simazine	n/a	=	3	%	EPA 525.2	-88	-88	0	30	
2016/17-6	Lab	method blank	6/15/2017	Pesticide	Simazine	n/a	<	0.015	µg/L	EPA 525.2	0.015	0.1			
2016/17-6	Lab	LCS	6/15/2017	Pesticide	Simazine	n/a	=	5.76	µg/L	EPA 525.2	0.015	0.1			
2016/17-6	Lab	LCS, rec	6/15/2017	Pesticide	Simazine	n/a	=	115	%	EPA 525.2	-88	-88	53	116	
2016/17-6	Lab	LCS dup	6/15/2017	Pesticide	Simazine	n/a	=	5.6	µg/L	EPA 525.2	0.015	0.1			
2016/17-6	Lab	LCS dup, rec	6/15/2017	Pesticide	Simazine	n/a	=	112	%	EPA 525.2	-88	-88	53	116	
2016/17-6	Lab	LCS, RPD	6/15/2017	Pesticide	Simazine	n/a	=	3	%	EPA 525.2	-88	-88	0	30	
2016/17-6	000NONPJ	matrix spike	5/16/2017	Pesticide	Stirophos (Tetrachlorvinphos)	n/a	=	0.139	µg/L	EPA 525.2m	0.0031	0.01			GB
2016/17-6	000NONPJ	matrix spike, rec	5/16/2017	Pesticide	Stirophos (Tetrachlorvinphos)	n/a	=	278	%	EPA 525.2m	-88	-88	0.1	167	GB
2016/17-6	000NONPJ	matrix spike dup	5/16/2017	Pesticide	Stirophos (Tetrachlorvinphos)	n/a	=	0.197	µg/L	EPA 525.2m	0.0031	0.01			EST,GB
2016/17-6	000NONPJ	matrix spike dup, rec	5/16/2017	Pesticide	Stirophos (Tetrachlorvinphos)	n/a	=	393	%	EPA 525.2m	-88	-88	0.1	167	EST,GB
2016/17-6	000NONPJ	matrix spike, RPD	5/16/2017	Pesticide	Stirophos (Tetrachlorvinphos)	n/a	=	34	%	EPA 525.2m	-88	-88	0	30	EST,IL
2016/17-6	000NONPJ	matrix spike	5/24/2017	Pesticide	Stirophos (Tetrachlorvinphos)	n/a	=	0.0698	µg/L	EPA 525.2m	0.0031	0.01			
2016/17-6	000NONPJ	matrix spike, rec	5/24/2017	Pesticide	Stirophos (Tetrachlorvinphos)	n/a	=	140	%	EPA 525.2m	-88	-88	0.1	167	
2016/17-6	000NONPJ	matrix spike dup	5/24/2017	Pesticide	Stirophos (Tetrachlorvinphos)	n/a	=	0.0801	µg/L	EPA 525.2m	0.0031	0.01			
2016/17-6	000NONPJ	matrix spike dup, rec	5/24/2017	Pesticide	Stirophos (Tetrachlorvinphos)	n/a	=	160	%	EPA 525.2m	-88	-88	0.1	167	
2016/17-6	000NONPJ	matrix spike, RPD	5/24/2017	Pesticide	Stirophos (Tetrachlorvinphos)	n/a	=	14	%	EPA 525.2m	-88	-88	0	30	
2016/17-6	000NONPJ	matrix spike	5/25/2017	Pesticide	Stirophos (Tetrachlorvinphos)	n/a	=	0.0954	µg/L	EPA 525.2m	0.0031	0.01			GB
2016/17-6	000NONPJ	matrix spike, rec	5/25/2017	Pesticide	Stirophos (Tetrachlorvinphos)	n/a	=	191	%	EPA 525.2m	-88	-88	0.1	167	GB
2016/17-6	000NONPJ	matrix spike dup	5/25/2017	Pesticide	Stirophos (Tetrachlorvinphos)	n/a	=	0.0846	µg/L	EPA 525.2m	0.0031	0.01			GB
2016/17-6	000NONPJ	matrix spike dup, rec	5/25/2017	Pesticide	Stirophos (Tetrachlorvinphos)	n/a	=	169	%	EPA 525.2m	-88	-88	0.1	167	GB
2016/17-6	000NONPJ	matrix spike, RPD	5/25/2017	Pesticide	Stirophos (Tetrachlorvinphos)	n/a	=	12	%	EPA 525.2m	-88	-88	0	30	
2016/17-6	Lab	method blank	5/16/2017	Pesticide	Stirophos (Tetrachlorvinphos)	n/a	<	0.0031	µg/L	EPA 525.2m	0.0031	0.01			
2016/17-6	Lab	LCS	5/16/2017	Pesticide	Stirophos (Tetrachlorvinphos)	n/a	=	0.0751	µg/L	EPA 525.2m	0.0031	0.01			
2016/17-6	Lab	LCS, rec	5/16/2017	Pesticide	Stirophos (Tetrachlorvinphos)	n/a	=	150	%	EPA 525.2m	-88	-88	0.1	188	
2016/17-6	Lab	method blank	5/24/2017	Pesticide	Stirophos (Tetrachlorvinphos)	n/a	<	0.0031	µg/L	EPA 525.2m	0.0031	0.01			
2016/17-6	Lab	LCS	5/24/2017	Pesticide	Stirophos (Tetrachlorvinphos)	n/a	=	0.0615	µg/L	EPA 525.2m	0.0031	0.01			
2016/17-6	Lab	LCS, rec	5/24/2017	Pesticide	Stirophos (Tetrachlorvinphos)	n/a	=	123	%	EPA 525.2m	-88	-88	0.1	188	
2016/17-6	Lab	method blank	5/25/2017	Pesticide	Stirophos (Tetrachlorvinphos)	n/a	<	0.0031	µg/L	EPA 525.2m	0.0031	0.01			
2016/17-6	Lab	LCS	5/25/2017	Pesticide	Stirophos (Tetrachlorvinphos)	n/a	=	0.0634	µg/L	EPA 525.2m	0.0031	0.01			
2016/17-6	Lab	LCS, rec	5/25/2017	Pesticide	Stirophos (Tetrachlorvinphos)	n/a	=	127	%	EPA 525.2m	-88	-88	0.1	188	
2016/17-6	Lab	method blank	5/5/2017	Pesticide	Terbacil	n/a	<	0.55	µg/L	EPA 525.2	0.55	2			
2016/17-6	Lab	LCS	5/5/2017	Pesticide	Terbacil	n/a	=	5.04	µg/L	EPA 525.2	0.55	2			
2016/17-6	Lab	LCS, rec	5/5/2017	Pesticide	Terbacil	n/a	=	101	%	EPA 525.2	-88	-88	70	135	
2016/17-6	Lab	LCS dup	5/5/2017	Pesticide	Terbacil	n/a	=	5.29	µg/L	EPA 525.2	0.55	2			
2016/17-6	Lab	LCS dup, rec	5/5/2017	Pesticide	Terbacil	n/a	=	106	%	EPA 525.2	-88	-88	70	135	
2016/17-6	Lab	LCS, RPD	5/5/2017	Pesticide	Terbacil	n/a	=	5	%	EPA 525.2	-88	-88	0	30	
2016/17-6	Lab	method blank	5/24/2017	Pesticide	Terbacil	n/a	<	0.55	µg/L	EPA 525.2	0.55	2			
2016/17-6	Lab	LCS	5/24/2017	Pesticide	Terbacil	n/a	=	4.46	µg/L	EPA 525.2	0.55	2			
2016/17-6	Lab	LCS, rec	5/24/2017	Pesticide	Terbacil	n/a	=	89	%	EPA 525.2	-88	-88	70	135	
2016/17-6	Lab	LCS dup	5/24/2017	Pesticide	Terbacil	n/a	=	4.4	µg/L	EPA 525.2	0.55	2			
2016/17-6	Lab	LCS dup, rec	5/24/2017	Pesticide	Terbacil	n/a	=	88	%	EPA 525.2	-88	-88	70	135	
2016/17-6	Lab	LCS, RPD	5/24/2017	Pesticide	Terbacil	n/a	=	1	%	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	
2016/17-6	Lab	method blank	6/15/2017	Pesticide	Terbacil	n/a	<	0.55	µg/L	EPA 525.2	0.55	2			
2016/17-6	Lab	LCS	6/15/2017	Pesticide	Terbacil	n/a	=	5.53	µg/L	EPA 525.2	0.55	2			
2016/17-6	Lab	LCS, rec	6/15/2017	Pesticide	Terbacil	n/a	=	111	%	EPA 525.2	-88	-88	70	135	
2016/17-6	Lab	LCS dup	6/15/2017	Pesticide	Terbacil	n/a	=	5.59	µg/L	EPA 525.2	0.55	2			
2016/17-6	Lab	LCS dup, rec	6/15/2017	Pesticide	Terbacil	n/a	=	112	%	EPA 525.2	-88	-88	70	135	
2016/17-6	Lab	LCS, RPD	6/15/2017	Pesticide	Terbacil	n/a	=	1	%	EPA 525.2	-88	-88	0	30	
2016/17-6	Lab	method blank	5/5/2017	Pesticide	Thiobencarb	n/a	<	0.025	µg/L	EPA 525.2	0.025	0.2			
2016/17-6	Lab	LCS	5/5/2017	Pesticide	Thiobencarb	n/a	=	5.8	µg/L	EPA 525.2	0.025	0.2			
2016/17-6	Lab	LCS, rec	5/5/2017	Pesticide	Thiobencarb	n/a	=	116	%	EPA 525.2	-88	-88	56	125	
2016/17-6	Lab	LCS dup	5/5/2017	Pesticide	Thiobencarb	n/a	=	5.71	µg/L	EPA 525.2	0.025	0.2			
2016/17-6	Lab	LCS dup, rec	5/5/2017	Pesticide	Thiobencarb	n/a	=	114	%	EPA 525.2	-88	-88	56	125	
2016/17-6	Lab	LCS, RPD	5/5/2017	Pesticide	Thiobencarb	n/a	=	2	%	EPA 525.2	-88	-88	0	30	
2016/17-6	Lab	method blank	5/24/2017	Pesticide	Thiobencarb	n/a	<	0.025	µg/L	EPA 525.2	0.025	0.2			
2016/17-6	Lab	LCS	5/24/2017	Pesticide	Thiobencarb	n/a	=	5.49	µg/L	EPA 525.2	0.025	0.2			
2016/17-6	Lab	LCS, rec	5/24/2017	Pesticide	Thiobencarb	n/a	=	110	%	EPA 525.2	-88	-88	56	125	
2016/17-6	Lab	LCS dup	5/24/2017	Pesticide	Thiobencarb	n/a	=	5.51	µg/L	EPA 525.2	0.025	0.2			
2016/17-6	Lab	LCS dup, rec	5/24/2017	Pesticide	Thiobencarb	n/a	=	110	%	EPA 525.2	-88	-88	56	125	
2016/17-6	Lab	LCS, RPD	5/24/2017	Pesticide	Thiobencarb	n/a	=	0.4	%	EPA 525.2	-88	-88	0	30	
2016/17-6	Lab	method blank	6/15/2017	Pesticide	Thiobencarb	n/a	<	0.025	µg/L	EPA 525.2	0.025	0.2			
2016/17-6	Lab	LCS	6/15/2017	Pesticide	Thiobencarb	n/a	=	6.07	µg/L	EPA 525.2	0.025	0.2			
2016/17-6	Lab	LCS, rec	6/15/2017	Pesticide	Thiobencarb	n/a	=	121	%	EPA 525.2	-88	-88	56	125	
2016/17-6	Lab	LCS dup	6/15/2017	Pesticide	Thiobencarb	n/a	=	5.97	µg/L	EPA 525.2	0.025	0.2			
2016/17-6	Lab	LCS dup, rec	6/15/2017	Pesticide	Thiobencarb	n/a	=	119	%	EPA 525.2	-88	-88	56	125	
2016/17-6	Lab	LCS, RPD	6/15/2017	Pesticide	Thiobencarb	n/a	=	2	%	EPA 525.2	-88	-88	0	30	
2016/17-6	000NONPJ	matrix spike	5/16/2017	Pesticide	Tokuthion	n/a	=	0.0421	µg/L	EPA 525.2m	0.0078	0.01			
2016/17-6	000NONPJ	matrix spike, rec	5/16/2017	Pesticide	Tokuthion	n/a	=	84	%	EPA 525.2m	-88	-88	27	160	
2016/17-6	000NONPJ	matrix spike dup	5/16/2017	Pesticide	Tokuthion	n/a	=	0.0485	µg/L	EPA 525.2m	0.0078	0.01			
2016/17-6	000NONPJ	matrix spike dup, rec	5/16/2017	Pesticide	Tokuthion	n/a	=	97	%	EPA 525.2m	-88	-88	27	160	
2016/17-6	000NONPJ	matrix spike, RPD	5/16/2017	Pesticide	Tokuthion	n/a	=	14	%	EPA 525.2m	-88	-88	0	30	
2016/17-6	000NONPJ	matrix spike	5/24/2017	Pesticide	Tokuthion	n/a	=	0.0476	µg/L	EPA 525.2m	0.0078	0.01			
2016/17-6	000NONPJ	matrix spike, rec	5/24/2017	Pesticide	Tokuthion	n/a	=	95	%	EPA 525.2m	-88	-88	27	160	
2016/17-6	000NONPJ	matrix spike dup	5/24/2017	Pesticide	Tokuthion	n/a	=	0.0436	µg/L	EPA 525.2m	0.0078	0.01			
2016/17-6	000NONPJ	matrix spike dup, rec	5/24/2017	Pesticide	Tokuthion	n/a	=	87	%	EPA 525.2m	-88	-88	27	160	
2016/17-6	000NONPJ	matrix spike, RPD	5/24/2017	Pesticide	Tokuthion	n/a	=	9	%	EPA 525.2m	-88	-88	0	30	
2016/17-6	000NONPJ	matrix spike	5/25/2017	Pesticide	Tokuthion	n/a	=	0.0373	µg/L	EPA 525.2m	0.0078	0.01			
2016/17-6	000NONPJ	matrix spike, rec	5/25/2017	Pesticide	Tokuthion	n/a	=	75	%	EPA 525.2m	-88	-88	27	160	
2016/17-6	000NONPJ	matrix spike dup	5/25/2017	Pesticide	Tokuthion	n/a	=	0.0422	µg/L	EPA 525.2m	0.0078	0.01			
2016/17-6	000NONPJ	matrix spike dup, rec	5/25/2017	Pesticide	Tokuthion	n/a	=	84	%	EPA 525.2m	-88	-88	27	160	
2016/17-6	000NONPJ	matrix spike, RPD	5/25/2017	Pesticide	Tokuthion	n/a	=	12	%	EPA 525.2m	-88	-88	0	30	
2016/17-6	Lab	method blank	5/16/2017	Pesticide	Tokuthion	n/a	<	0.0078	µg/L	EPA 525.2m	0.0078	0.01			
2016/17-6	Lab	LCS	5/16/2017	Pesticide	Tokuthion	n/a	=	0.0469	µg/L	EPA 525.2m	0.0078	0.01			
2016/17-6	Lab	LCS, rec	5/16/2017	Pesticide	Tokuthion	n/a	=	94	%	EPA 525.2m	-88	-88	23	159	
2016/17-6	Lab	method blank	5/24/2017	Pesticide	Tokuthion	n/a	<	0.0078	µg/L	EPA 525.2m	0.0078	0.01			
2016/17-6	Lab	LCS	5/24/2017	Pesticide	Tokuthion	n/a	=	0.0472	µg/L	EPA 525.2m	0.0078	0.01			
2016/17-6	Lab	LCS, rec	5/24/2017	Pesticide	Tokuthion	n/a	=	94	%	EPA 525.2m	-88	-88	23	159	
2016/17-6	Lab	method blank	5/25/2017	Pesticide	Tokuthion	n/a	<	0.0078	µg/L	EPA 525.2m	0.0078	0.01			
2016/17-6	Lab	LCS	5/25/2017	Pesticide	Tokuthion	n/a	=	0.0498	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	
2016/17-6	Lab	LCS, rec	5/25/2017	Pesticide	Tokuthion	n/a	=	100	%	EPA 525.2m	-88	-88	23	159	
2016/17-6	Lab	method blank	5/18/2017	Pesticide	Toxaphene	n/a	<	0.12	µg/L	EPA 608	0.12	0.5			
2016/17-6	Lab	method blank	6/2/2017	Pesticide	Toxaphene	n/a	<	0.12	µg/L	EPA 608	0.12	0.5			
2016/17-6	Lab	method blank	6/6/2017	Pesticide	Toxaphene	n/a	<	0.12	µg/L	EPA 608	0.12	0.5			
2016/17-6	000NONPJ	matrix spike	5/16/2017	Pesticide	Trichloronate	n/a	=	0.093	µg/L	EPA 525.2m	0.0067	0.01			GB
2016/17-6	000NONPJ	matrix spike, rec	5/16/2017	Pesticide	Trichloronate	n/a	=	186	%	EPA 525.2m	-88	-88	40	150	GB
2016/17-6	000NONPJ	matrix spike dup	5/16/2017	Pesticide	Trichloronate	n/a	=	0.14	µg/L	EPA 525.2m	0.0067	0.01			EST,GB
2016/17-6	000NONPJ	matrix spike dup, rec	5/16/2017	Pesticide	Trichloronate	n/a	=	280	%	EPA 525.2m	-88	-88	40	150	EST,GB
2016/17-6	000NONPJ	matrix spike, RPD	5/16/2017	Pesticide	Trichloronate	n/a	=	40	%	EPA 525.2m	-88	-88	0	30	EST,IL
2016/17-6	000NONPJ	matrix spike	5/24/2017	Pesticide	Trichloronate	n/a	=	0.0599	µg/L	EPA 525.2m	0.0067	0.01			
2016/17-6	000NONPJ	matrix spike, rec	5/24/2017	Pesticide	Trichloronate	n/a	=	120	%	EPA 525.2m	-88	-88	40	150	
2016/17-6	000NONPJ	matrix spike dup	5/24/2017	Pesticide	Trichloronate	n/a	=	0.0617	µg/L	EPA 525.2m	0.0067	0.01			
2016/17-6	000NONPJ	matrix spike dup, rec	5/24/2017	Pesticide	Trichloronate	n/a	=	123	%	EPA 525.2m	-88	-88	40	150	
2016/17-6	000NONPJ	matrix spike, RPD	5/24/2017	Pesticide	Trichloronate	n/a	=	3	%	EPA 525.2m	-88	-88	0	30	
2016/17-6	000NONPJ	matrix spike	5/25/2017	Pesticide	Trichloronate	n/a	=	0.0707	µg/L	EPA 525.2m	0.0067	0.01			
2016/17-6	000NONPJ	matrix spike, rec	5/25/2017	Pesticide	Trichloronate	n/a	=	141	%	EPA 525.2m	-88	-88	40	150	
2016/17-6	000NONPJ	matrix spike dup	5/25/2017	Pesticide	Trichloronate	n/a	=	0.0679	µg/L	EPA 525.2m	0.0067	0.01			
2016/17-6	000NONPJ	matrix spike dup, rec	5/25/2017	Pesticide	Trichloronate	n/a	=	136	%	EPA 525.2m	-88	-88	40	150	
2016/17-6	000NONPJ	matrix spike, RPD	5/25/2017	Pesticide	Trichloronate	n/a	=	4	%	EPA 525.2m	-88	-88	0	30	
2016/17-6	Lab	method blank	5/16/2017	Pesticide	Trichloronate	n/a	<	0.0067	µg/L	EPA 525.2m	0.0067	0.01			
2016/17-6	Lab	LCS	5/16/2017	Pesticide	Trichloronate	n/a	=	0.0698	µg/L	EPA 525.2m	0.0067	0.01			
2016/17-6	Lab	LCS, rec	5/16/2017	Pesticide	Trichloronate	n/a	=	140	%	EPA 525.2m	-88	-88	34	153	
2016/17-6	Lab	method blank	5/24/2017	Pesticide	Trichloronate	n/a	<	0.0067	µg/L	EPA 525.2m	0.0067	0.01			
2016/17-6	Lab	LCS	5/24/2017	Pesticide	Trichloronate	n/a	=	0.0574	µg/L	EPA 525.2m	0.0067	0.01			
2016/17-6	Lab	LCS, rec	5/24/2017	Pesticide	Trichloronate	n/a	=	115	%	EPA 525.2m	-88	-88	34	153	
2016/17-6	Lab	method blank	5/25/2017	Pesticide	Trichloronate	n/a	<	0.0067	µg/L	EPA 525.2m	0.0067	0.01			
2016/17-6	Lab	LCS	5/25/2017	Pesticide	Trichloronate	n/a	=	0.0577	µg/L	EPA 525.2m	0.0067	0.01			
2016/17-6	Lab	LCS, rec	5/25/2017	Pesticide	Trichloronate	n/a	=	115	%	EPA 525.2m	-88	-88	34	153	
2016/17-6	Lab	method blank	5/5/2017	Pesticide	Trithion	n/a	<	0.012	µg/L	EPA 525.2	0.012	0.1			
2016/17-6	Lab	LCS	5/5/2017	Pesticide	Trithion	n/a	=	5.34	µg/L	EPA 525.2	0.012	0.1			
2016/17-6	Lab	LCS, rec	5/5/2017	Pesticide	Trithion	n/a	=	107	%	EPA 525.2	-88	-88	60	124	
2016/17-6	Lab	LCS dup	5/5/2017	Pesticide	Trithion	n/a	=	5.25	µg/L	EPA 525.2	0.012	0.1			
2016/17-6	Lab	LCS dup, rec	5/5/2017	Pesticide	Trithion	n/a	=	105	%	EPA 525.2	-88	-88	60	124	
2016/17-6	Lab	LCS, RPD	5/5/2017	Pesticide	Trithion	n/a	=	2	%	EPA 525.2	-88	-88	0	30	
2016/17-6	Lab	method blank	5/24/2017	Pesticide	Trithion	n/a	<	0.012	µg/L	EPA 525.2	0.012	0.1			
2016/17-6	Lab	LCS	5/24/2017	Pesticide	Trithion	n/a	=	5.21	µg/L	EPA 525.2	0.012	0.1			
2016/17-6	Lab	LCS, rec	5/24/2017	Pesticide	Trithion	n/a	=	104	%	EPA 525.2	-88	-88	60	124	
2016/17-6	Lab	LCS dup	5/24/2017	Pesticide	Trithion	n/a	=	5.07	µg/L	EPA 525.2	0.012	0.1			
2016/17-6	Lab	LCS dup, rec	5/24/2017	Pesticide	Trithion	n/a	=	101	%	EPA 525.2	-88	-88	60	124	
2016/17-6	Lab	LCS, RPD	5/24/2017	Pesticide	Trithion	n/a	=	3	%	EPA 525.2	-88	-88	0	30	
2016/17-6	Lab	method blank	6/15/2017	Pesticide	Trithion	n/a	<	0.012	µg/L	EPA 525.2	0.012	0.1			
2016/17-6	Lab	LCS	6/15/2017	Pesticide	Trithion	n/a	=	5.71	µg/L	EPA 525.2	0.012	0.1			
2016/17-6	Lab	LCS, rec	6/15/2017	Pesticide	Trithion	n/a	=	114	%	EPA 525.2	-88	-88	60	124	
2016/17-6	Lab	LCS dup	6/15/2017	Pesticide	Trithion	n/a	=	5.7	µg/L	EPA 525.2	0.012	0.1			
2016/17-6	Lab	LCS dup, rec	6/15/2017	Pesticide	Trithion	n/a	=	114	%	EPA 525.2	-88	-88	60	124	
2016/17-6	Lab	LCS, RPD	6/15/2017	Pesticide	Trithion	n/a	=	0.2	%	EPA 525.2	-88	-88	0	30	
2016/17-PRE	lankwater-ultrapur	equip blank	10/20/2016	Metal	Aluminum	Total	<	1.3	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	
2016/17-PRE	lankwater-ultrapur	equip blank	10/20/2016	Metal	Aluminum	Total	<	1.3	µg/L	EPA 200.8	1.3	5			
2016/17-PRE	lankwater-ultrapur	matrix spike	10/20/2016	Metal	Aluminum	Total	=	44	µg/L	EPA 200.8	1.3	5			
2016/17-PRE	lankwater-ultrapur	matrix spike, rec	10/20/2016	Metal	Aluminum	Total	=	88	%	EPA 200.8	-88	-88	70	130	
2016/17-PRE	lankwater-ultrapur	matrix spike dup	10/20/2016	Metal	Aluminum	Total	=	45.4	µg/L	EPA 200.8	1.3	5			
2016/17-PRE	lankwater-ultrapur	matrix spike dup, rec	10/20/2016	Metal	Aluminum	Total	=	91	%	EPA 200.8	-88	-88	70	130	
2016/17-PRE	lankwater-ultrapur	matrix spike, RPD	10/20/2016	Metal	Aluminum	Total	=	3	%	EPA 200.8	-88	-88	0	30	
2016/17-PRE	Lab	method blank	10/20/2016	Metal	Aluminum	Total	<	1.3	µg/L	EPA 200.8	1.3	5			
2016/17-PRE	Lab	LCS	10/20/2016	Metal	Aluminum	Total	=	44.9	µg/L	EPA 200.8	1.3	5			
2016/17-PRE	Lab	LCS, rec	10/20/2016	Metal	Aluminum	Total	=	90	%	EPA 200.8	-88	-88	85	115	
2016/17-PRE	lankwater-ultrapur	equip blank	10/20/2016	Metal	Chromium	Total	<	0.035	µg/L	EPA 200.8	0.035	0.2			
2016/17-PRE	lankwater-ultrapur	equip blank	10/20/2016	Metal	Chromium	Total	<	0.035	µg/L	EPA 200.8	0.035	0.2			
2016/17-PRE	lankwater-ultrapur	matrix spike	10/20/2016	Metal	Chromium	Total	=	47.9	µg/L	EPA 200.8	0.035	0.2			
2016/17-PRE	lankwater-ultrapur	matrix spike, rec	10/20/2016	Metal	Chromium	Total	=	96	%	EPA 200.8	-88	-88	70	130	
2016/17-PRE	lankwater-ultrapur	matrix spike dup	10/20/2016	Metal	Chromium	Total	=	48.8	µg/L	EPA 200.8	0.035	0.2			
2016/17-PRE	lankwater-ultrapur	matrix spike dup, rec	10/20/2016	Metal	Chromium	Total	=	98	%	EPA 200.8	-88	-88	70	130	
2016/17-PRE	lankwater-ultrapur	matrix spike, RPD	10/20/2016	Metal	Chromium	Total	=	2	%	EPA 200.8	-88	-88	0	30	
2016/17-PRE	Lab	method blank	10/20/2016	Metal	Chromium	Total	<	0.035	µg/L	EPA 200.8	0.035	0.2			
2016/17-PRE	Lab	LCS	10/20/2016	Metal	Chromium	Total	=	47.1	µg/L	EPA 200.8	0.035	0.2			
2016/17-PRE	Lab	LCS, rec	10/20/2016	Metal	Chromium	Total	=	94	%	EPA 200.8	-88	-88	85	115	
2016/17-PRE	lankwater-ultrapur	equip blank	10/20/2016	Metal	Copper	Total	=	4.5	µg/L	EPA 200.8	0.13	0.5			
2016/17-PRE	lankwater-ultrapur	equip blank	10/20/2016	Metal	Copper	Total	<	0.13	µg/L	EPA 200.8	0.13	0.5			
2016/17-PRE	lankwater-ultrapur	matrix spike	10/20/2016	Metal	Copper	Total	=	50.9	µg/L	EPA 200.8	0.13	0.5			
2016/17-PRE	lankwater-ultrapur	matrix spike, rec	10/20/2016	Metal	Copper	Total	=	102	%	EPA 200.8	-88	-88	70	130	
2016/17-PRE	lankwater-ultrapur	matrix spike dup	10/20/2016	Metal	Copper	Total	=	51	µg/L	EPA 200.8	0.13	0.5			
2016/17-PRE	lankwater-ultrapur	matrix spike dup, rec	10/20/2016	Metal	Copper	Total	=	102	%	EPA 200.8	-88	-88	70	130	
2016/17-PRE	lankwater-ultrapur	matrix spike, RPD	10/20/2016	Metal	Copper	Total	=	0.2	%	EPA 200.8	-88	-88	0	30	
2016/17-PRE	Lab	method blank	10/20/2016	Metal	Copper	Total	<	0.13	µg/L	EPA 200.8	0.13	0.5			
2016/17-PRE	Lab	LCS	10/20/2016	Metal	Copper	Total	=	49.1	µg/L	EPA 200.8	0.13	0.5			
2016/17-PRE	Lab	LCS, rec	10/20/2016	Metal	Copper	Total	=	98	%	EPA 200.8	-88	-88	85	115	
2016/17-PRE	000NONPJ	matrix spike	10/10/2016	Metal	Iron	Total	=	171	µg/L	EPA 200.7	1.1	10			
2016/17-PRE	000NONPJ	matrix spike, rec	10/10/2016	Metal	Iron	Total	=	85	%	EPA 200.7	-88	-88	70	130	
2016/17-PRE	000NONPJ	matrix spike dup	10/10/2016	Metal	Iron	Total	=	172	µg/L	EPA 200.7	1.1	10			
2016/17-PRE	000NONPJ	matrix spike dup, rec	10/10/2016	Metal	Iron	Total	=	86	%	EPA 200.7	-88	-88	70	130	
2016/17-PRE	000NONPJ	matrix spike, RPD	10/10/2016	Metal	Iron	Total	=	0.9	%	EPA 200.7	-88	-88	0	30	
2016/17-PRE	lankwater-ultrapur	equip blank	10/10/2016	Metal	Iron	Total	<	1.1	µg/L	EPA 200.7	1.1	10			
2016/17-PRE	lankwater-ultrapur	equip blank	10/10/2016	Metal	Iron	Total	<	1.1	µg/L	EPA 200.7	1.1	10			
2016/17-PRE	Lab	method blank	10/10/2016	Metal	Iron	Total	<	1.1	µg/L	EPA 200.7	1.1	10			
2016/17-PRE	Lab	LCS	10/10/2016	Metal	Iron	Total	=	172	µg/L	EPA 200.7	1.1	10			
2016/17-PRE	Lab	LCS, rec	10/10/2016	Metal	Iron	Total	=	86	%	EPA 200.7	-88	-88	85	115	
2016/17-PRE	lankwater-ultrapur	equip blank	10/20/2016	Metal	Lead	Total	<	0.031	µg/L	EPA 200.8	0.031	0.2			
2016/17-PRE	lankwater-ultrapur	equip blank	10/20/2016	Metal	Lead	Total	<	0.031	µg/L	EPA 200.8	0.031	0.2			
2016/17-PRE	lankwater-ultrapur	matrix spike	10/20/2016	Metal	Lead	Total	=	50.5	µg/L	EPA 200.8	0.031	0.2			
2016/17-PRE	lankwater-ultrapur	matrix spike, rec	10/20/2016	Metal	Lead	Total	=	101	%	EPA 200.8	-88	-88	70	130	
2016/17-PRE	lankwater-ultrapur	matrix spike dup	10/20/2016	Metal	Lead	Total	=	51.1	µg/L	EPA 200.8	0.031	0.2			
2016/17-PRE	lankwater-ultrapur	matrix spike dup, rec	10/20/2016	Metal	Lead	Total	=	102	%	EPA 200.8	-88	-88	70	130	
2016/17-PRE	lankwater-ultrapur	matrix spike, RPD	10/20/2016	Metal	Lead	Total	=	1	%	EPA 200.8	-88	-88	0	30	
2016/17-PRE	Lab	method blank	10/20/2016	Metal	Lead	Total	<	0.031	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	
2016/17-PRE	Lab	LCS	10/20/2016	Metal	Lead	Total	=	49.4	µg/L	EPA 200.8	0.031	0.2			
2016/17-PRE	Lab	LCS, rec	10/20/2016	Metal	Lead	Total	=	99	%	EPA 200.8	-88	-88	85	115	
2016/17-PRE	lankwater-ultrapur	equip blank	10/20/2016	Metal	Nickel	Total	DNQ	0.18	µg/L	EPA 200.8	0.045	0.8			
2016/17-PRE	lankwater-ultrapur	equip blank	10/20/2016	Metal	Nickel	Total	<	0.045	µg/L	EPA 200.8	0.045	0.8			
2016/17-PRE	lankwater-ultrapur	matrix spike	10/20/2016	Metal	Nickel	Total	=	50.3	µg/L	EPA 200.8	0.045	0.8			
2016/17-PRE	lankwater-ultrapur	matrix spike, rec	10/20/2016	Metal	Nickel	Total	=	101	%	EPA 200.8	-88	-88	70	130	
2016/17-PRE	lankwater-ultrapur	matrix spike dup	10/20/2016	Metal	Nickel	Total	=	50.8	µg/L	EPA 200.8	0.045	0.8			
2016/17-PRE	lankwater-ultrapur	matrix spike dup, rec	10/20/2016	Metal	Nickel	Total	=	102	%	EPA 200.8	-88	-88	70	130	
2016/17-PRE	lankwater-ultrapur	matrix spike, RPD	10/20/2016	Metal	Nickel	Total	=	1	%	EPA 200.8	-88	-88	0	30	
2016/17-PRE	Lab	method blank	10/20/2016	Metal	Nickel	Total	<	0.045	µg/L	EPA 200.8	0.045	0.8			
2016/17-PRE	Lab	LCS	10/20/2016	Metal	Nickel	Total	=	48.7	µg/L	EPA 200.8	0.045	0.8			
2016/17-PRE	Lab	LCS, rec	10/20/2016	Metal	Nickel	Total	=	97	%	EPA 200.8	-88	-88	85	115	
2016/17-PRE	lankwater-ultrapur	equip blank	10/20/2016	Metal	Zinc	Total	DNQ	1.5	µg/L	EPA 200.8	0.94	5			
2016/17-PRE	lankwater-ultrapur	equip blank	10/20/2016	Metal	Zinc	Total	<	0.94	µg/L	EPA 200.8	0.94	5			
2016/17-PRE	lankwater-ultrapur	matrix spike	10/20/2016	Metal	Zinc	Total	=	53.2	µg/L	EPA 200.8	0.94	5			
2016/17-PRE	lankwater-ultrapur	matrix spike, rec	10/20/2016	Metal	Zinc	Total	=	106	%	EPA 200.8	-88	-88	70	130	
2016/17-PRE	lankwater-ultrapur	matrix spike dup	10/20/2016	Metal	Zinc	Total	=	53.1	µg/L	EPA 200.8	0.94	5			
2016/17-PRE	lankwater-ultrapur	matrix spike dup, rec	10/20/2016	Metal	Zinc	Total	=	106	%	EPA 200.8	-88	-88	70	130	
2016/17-PRE	lankwater-ultrapur	matrix spike, RPD	10/20/2016	Metal	Zinc	Total	=	0.3	%	EPA 200.8	-88	-88	0	30	
2016/17-PRE	Lab	method blank	10/20/2016	Metal	Zinc	Total	<	0.94	µg/L	EPA 200.8	0.94	5			
2016/17-PRE	Lab	LCS	10/20/2016	Metal	Zinc	Total	=	50.6	µg/L	EPA 200.8	0.94	5			
2016/17-PRE	Lab	LCS, rec	10/20/2016	Metal	Zinc	Total	=	101	%	EPA 200.8	-88	-88	85	115	
2017/18-PRE	Carboy Blank	equip blank	8/17/2017	Metal	Aluminum	Total	DNQ	2.8	µg/L	EPA 200.8	1.3	5			IP,UL-MB
2017/18-PRE	Carboy Blank	matrix spike	8/17/2017	Metal	Aluminum	Total	=	52.3	µg/L	EPA 200.8	1.3	5			
2017/18-PRE	Carboy Blank	matrix spike, rec	8/17/2017	Metal	Aluminum	Total	=	99	%	EPA 200.8	-88	-88	70	130	
2017/18-PRE	Carboy Blank	matrix spike dup	8/17/2017	Metal	Aluminum	Total	=	52.4	µg/L	EPA 200.8	1.3	5			
2017/18-PRE	Carboy Blank	matrix spike dup, rec	8/17/2017	Metal	Aluminum	Total	=	99	%	EPA 200.8	-88	-88	70	130	
2017/18-PRE	Carboy Blank	matrix spike, RPD	8/17/2017	Metal	Aluminum	Total	=	0.3	%	EPA 200.8	-88	-88	0	30	
2017/18-PRE	Lab	method blank	8/17/2017	Metal	Aluminum	Total	DNQ	1.39	µg/L	EPA 200.8	1.3	5			IP
2017/18-PRE	Lab	LCS	8/17/2017	Metal	Aluminum	Total	=	53.7	µg/L	EPA 200.8	1.3	5			
2017/18-PRE	Lab	LCS, rec	8/17/2017	Metal	Aluminum	Total	=	107	%	EPA 200.8	-88	-88	85	115	
2017/18-PRE	Tubing Blank	equip blank	8/17/2017	Metal	Aluminum	Total	=	8.3	µg/L	EPA 200.8	1.3	5			IP,UL-MB
2017/18-PRE	Tubing Blank	matrix spike	8/17/2017	Metal	Aluminum	Total	=	57.4	µg/L	EPA 200.8	1.3	5			
2017/18-PRE	Tubing Blank	matrix spike, rec	8/17/2017	Metal	Aluminum	Total	=	98	%	EPA 200.8	-88	-88	70	130	
2017/18-PRE	Tubing Blank	matrix spike dup	8/17/2017	Metal	Aluminum	Total	=	58.6	µg/L	EPA 200.8	1.3	5			
2017/18-PRE	Tubing Blank	matrix spike dup, rec	8/17/2017	Metal	Aluminum	Total	=	101	%	EPA 200.8	-88	-88	70	130	
2017/18-PRE	Tubing Blank	matrix spike, RPD	8/17/2017	Metal	Aluminum	Total	=	2	%	EPA 200.8	-88	-88	0	30	
2017/18-PRE	Carboy Blank	equip blank	8/17/2017	Metal	Antimony	Total	<	0.045	µg/L	EPA 200.8	0.045	0.5			
2017/18-PRE	Carboy Blank	matrix spike	8/17/2017	Metal	Antimony	Total	=	51.5	µg/L	EPA 200.8	0.045	0.5			
2017/18-PRE	Carboy Blank	matrix spike, rec	8/17/2017	Metal	Antimony	Total	=	103	%	EPA 200.8	-88	-88	70	130	
2017/18-PRE	Carboy Blank	matrix spike dup	8/17/2017	Metal	Antimony	Total	=	52.5	µg/L	EPA 200.8	0.045	0.5			
2017/18-PRE	Carboy Blank	matrix spike dup, rec	8/17/2017	Metal	Antimony	Total	=	105	%	EPA 200.8	-88	-88	70	130	
2017/18-PRE	Carboy Blank	matrix spike, RPD	8/17/2017	Metal	Antimony	Total	=	2	%	EPA 200.8	-88	-88	0	30	
2017/18-PRE	Lab	method blank	8/17/2017	Metal	Antimony	Total	<	0.045	µg/L	EPA 200.8	0.045	0.5			
2017/18-PRE	Lab	LCS	8/17/2017	Metal	Antimony	Total	=	53.4	µg/L	EPA 200.8	0.045	0.5			
2017/18-PRE	Lab	LCS, rec	8/17/2017	Metal	Antimony	Total	=	107	%	EPA 200.8	-88	-88	85	115	
2017/18-PRE	Tubing Blank	equip blank	8/17/2017	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	
2017/18-PRE	Tubing Blank	matrix spike	8/17/2017	Metal	Antimony	Total	=	51.2	µg/L	EPA 200.8	0.045	0.5			
2017/18-PRE	Tubing Blank	matrix spike, rec	8/17/2017	Metal	Antimony	Total	=	102	%	EPA 200.8	-88	-88	70	130	
2017/18-PRE	Tubing Blank	matrix spike dup	8/17/2017	Metal	Antimony	Total	=	52.8	µg/L	EPA 200.8	0.045	0.5			
2017/18-PRE	Tubing Blank	matrix spike dup, rec	8/17/2017	Metal	Antimony	Total	=	106	%	EPA 200.8	-88	-88	70	130	
2017/18-PRE	Tubing Blank	matrix spike, RPD	8/17/2017	Metal	Antimony	Total	=	3	%	EPA 200.8	-88	-88	0	30	
2017/18-PRE	Carboy Blank	equip blank	8/17/2017	Metal	Arsenic	Total	<	0.074	µg/L	EPA 200.8	0.074	0.4			
2017/18-PRE	Carboy Blank	matrix spike	8/17/2017	Metal	Arsenic	Total	=	51.8	µg/L	EPA 200.8	0.074	0.4			
2017/18-PRE	Carboy Blank	matrix spike, rec	8/17/2017	Metal	Arsenic	Total	=	104	%	EPA 200.8	-88	-88	70	130	
2017/18-PRE	Carboy Blank	matrix spike dup	8/17/2017	Metal	Arsenic	Total	=	53.2	µg/L	EPA 200.8	0.074	0.4			
2017/18-PRE	Carboy Blank	matrix spike dup, rec	8/17/2017	Metal	Arsenic	Total	=	106	%	EPA 200.8	-88	-88	70	130	
2017/18-PRE	Carboy Blank	matrix spike, RPD	8/17/2017	Metal	Arsenic	Total	=	3	%	EPA 200.8	-88	-88	0	30	
2017/18-PRE	Lab	method blank	8/17/2017	Metal	Arsenic	Total	<	0.074	µg/L	EPA 200.8	0.074	0.4			
2017/18-PRE	Lab	LCS	8/17/2017	Metal	Arsenic	Total	=	52.8	µg/L	EPA 200.8	0.074	0.4			
2017/18-PRE	Lab	LCS, rec	8/17/2017	Metal	Arsenic	Total	=	106	%	EPA 200.8	-88	-88	85	115	
2017/18-PRE	Tubing Blank	equip blank	8/17/2017	Metal	Arsenic	Total	<	0.074	µg/L	EPA 200.8	0.074	0.4			
2017/18-PRE	Tubing Blank	matrix spike	8/17/2017	Metal	Arsenic	Total	=	52.6	µg/L	EPA 200.8	0.074	0.4			
2017/18-PRE	Tubing Blank	matrix spike, rec	8/17/2017	Metal	Arsenic	Total	=	105	%	EPA 200.8	-88	-88	70	130	
2017/18-PRE	Tubing Blank	matrix spike dup	8/17/2017	Metal	Arsenic	Total	=	53.1	µg/L	EPA 200.8	0.074	0.4			
2017/18-PRE	Tubing Blank	matrix spike dup, rec	8/17/2017	Metal	Arsenic	Total	=	106	%	EPA 200.8	-88	-88	70	130	
2017/18-PRE	Tubing Blank	matrix spike, RPD	8/17/2017	Metal	Arsenic	Total	=	1	%	EPA 200.8	-88	-88	0	30	
2017/18-PRE	Carboy Blank	matrix spike	8/18/2017	Metal	Beryllium	Total	=	47.6	µg/L	EPA 200.8	0.033	0.1			
2017/18-PRE	Carboy Blank	matrix spike, rec	8/18/2017	Metal	Beryllium	Total	=	95	%	EPA 200.8	-88	-88	70	130	
2017/18-PRE	Carboy Blank	matrix spike dup	8/18/2017	Metal	Beryllium	Total	=	48.8	µg/L	EPA 200.8	0.033	0.1			
2017/18-PRE	Carboy Blank	matrix spike dup, rec	8/18/2017	Metal	Beryllium	Total	=	98	%	EPA 200.8	-88	-88	70	130	
2017/18-PRE	Carboy Blank	matrix spike, RPD	8/18/2017	Metal	Beryllium	Total	=	3	%	EPA 200.8	-88	-88	0	30	
2017/18-PRE	Carboy Blank	equip blank	8/18/2017	Metal	Beryllium	Total	<	0.033	µg/L	EPA 200.8	0.033	0.1			
2017/18-PRE	Lab	method blank	8/18/2017	Metal	Beryllium	Total	<	0.033	µg/L	EPA 200.8	0.033	0.1			
2017/18-PRE	Lab	LCS	8/18/2017	Metal	Beryllium	Total	=	49.3	µg/L	EPA 200.8	0.033	0.1			
2017/18-PRE	Lab	LCS, rec	8/18/2017	Metal	Beryllium	Total	=	99	%	EPA 200.8	-88	-88	85	115	
2017/18-PRE	Tubing Blank	matrix spike	8/18/2017	Metal	Beryllium	Total	=	48.5	µg/L	EPA 200.8	0.033	0.1			
2017/18-PRE	Tubing Blank	matrix spike, rec	8/18/2017	Metal	Beryllium	Total	=	97	%	EPA 200.8	-88	-88	70	130	
2017/18-PRE	Tubing Blank	matrix spike dup	8/18/2017	Metal	Beryllium	Total	=	49.6	µg/L	EPA 200.8	0.033	0.1			
2017/18-PRE	Tubing Blank	matrix spike dup, rec	8/18/2017	Metal	Beryllium	Total	=	99	%	EPA 200.8	-88	-88	70	130	
2017/18-PRE	Tubing Blank	matrix spike, RPD	8/18/2017	Metal	Beryllium	Total	=	2	%	EPA 200.8	-88	-88	0	30	
2017/18-PRE	Tubing Blank	equip blank	8/18/2017	Metal	Beryllium	Total	<	0.033	µg/L	EPA 200.8	0.033	0.1			
2017/18-PRE	Carboy Blank	equip blank	8/17/2017	Metal	Cadmium	Total	<	0.041	µg/L	EPA 200.8	0.041	0.1			
2017/18-PRE	Carboy Blank	matrix spike	8/17/2017	Metal	Cadmium	Total	=	51.9	µg/L	EPA 200.8	0.041	0.1			
2017/18-PRE	Carboy Blank	matrix spike, rec	8/17/2017	Metal	Cadmium	Total	=	104	%	EPA 200.8	-88	-88	70	130	
2017/18-PRE	Carboy Blank	matrix spike dup	8/17/2017	Metal	Cadmium	Total	=	51.9	µg/L	EPA 200.8	0.041	0.1			
2017/18-PRE	Carboy Blank	matrix spike dup, rec	8/17/2017	Metal	Cadmium	Total	=	104	%	EPA 200.8	-88	-88	70	130	
2017/18-PRE	Carboy Blank	matrix spike, RPD	8/17/2017	Metal	Cadmium	Total	=	0.02	%	EPA 200.8	-88	-88	0	30	
2017/18-PRE	Lab	method blank	8/17/2017	Metal	Cadmium	Total	<	0.041	µg/L	EPA 200.8	0.041	0.1			
2017/18-PRE	Lab	LCS	8/17/2017	Metal	Cadmium	Total	=	51.7	µg/L	EPA 200.8	0.041	0.1			
2017/18-PRE	Lab	LCS, rec	8/17/2017	Metal	Cadmium	Total	=	103	%	EPA 200.8	-88	-88	85	115	
2017/18-PRE	Tubing Blank	equip blank	8/17/2017	Metal	Cadmium	Total	<	0.041	µg/L	EPA 200.8	0.041	0.1			
2017/18-PRE	Tubing Blank	matrix spike	8/17/2017	Metal	Cadmium	Total	=	52.7	µg/L	EPA 200.8	0.041	0.1			
2017/18-PRE	Tubing Blank	matrix spike, rec	8/17/2017	Metal	Cadmium	Total	=	105	%	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	
2017/18-PRE	Tubing Blank	matrix spike dup	8/17/2017	Metal	Cadmium	Total	=	52.6	µg/L	EPA 200.8	0.041	0.1			
2017/18-PRE	Tubing Blank	matrix spike dup, rec	8/17/2017	Metal	Cadmium	Total	=	105	%	EPA 200.8	-88	-88	70	130	
2017/18-PRE	Tubing Blank	matrix spike, RPD	8/17/2017	Metal	Cadmium	Total	=	0.2	%	EPA 200.8	-88	-88	0	30	
2017/18-PRE	Carboy Blank	equip blank	8/17/2017	Metal	Chromium	Total	<	0.035	µg/L	EPA 200.8	0.035	0.2			
2017/18-PRE	Carboy Blank	matrix spike	8/17/2017	Metal	Chromium	Total	=	47	µg/L	EPA 200.8	0.035	0.2			
2017/18-PRE	Carboy Blank	matrix spike, rec	8/17/2017	Metal	Chromium	Total	=	94	%	EPA 200.8	-88	-88	70	130	
2017/18-PRE	Carboy Blank	matrix spike dup	8/17/2017	Metal	Chromium	Total	=	47.9	µg/L	EPA 200.8	0.035	0.2			
2017/18-PRE	Carboy Blank	matrix spike dup, rec	8/17/2017	Metal	Chromium	Total	=	96	%	EPA 200.8	-88	-88	70	130	
2017/18-PRE	Carboy Blank	matrix spike, RPD	8/17/2017	Metal	Chromium	Total	=	2	%	EPA 200.8	-88	-88	0	30	
2017/18-PRE	Lab	method blank	8/17/2017	Metal	Chromium	Total	<	0.035	µg/L	EPA 200.8	0.035	0.2			
2017/18-PRE	Lab	LCS	8/17/2017	Metal	Chromium	Total	=	47.7	µg/L	EPA 200.8	0.035	0.2			
2017/18-PRE	Lab	LCS, rec	8/17/2017	Metal	Chromium	Total	=	95	%	EPA 200.8	-88	-88	85	115	
2017/18-PRE	Tubing Blank	equip blank	8/17/2017	Metal	Chromium	Total	=	0.22	µg/L	EPA 200.8	0.035	0.2			
2017/18-PRE	Tubing Blank	matrix spike	8/17/2017	Metal	Chromium	Total	=	48	µg/L	EPA 200.8	0.035	0.2			
2017/18-PRE	Tubing Blank	matrix spike, rec	8/17/2017	Metal	Chromium	Total	=	96	%	EPA 200.8	-88	-88	70	130	
2017/18-PRE	Tubing Blank	matrix spike dup	8/17/2017	Metal	Chromium	Total	=	48.5	µg/L	EPA 200.8	0.035	0.2			
2017/18-PRE	Tubing Blank	matrix spike dup, rec	8/17/2017	Metal	Chromium	Total	=	97	%	EPA 200.8	-88	-88	70	130	
2017/18-PRE	Tubing Blank	matrix spike, RPD	8/17/2017	Metal	Chromium	Total	=	1	%	EPA 200.8	-88	-88	0	30	
2017/18-PRE	Carboy Blank	equip blank	8/17/2017	Metal	Copper	Total	=	0.74	µg/L	EPA 200.8	0.13	0.5			
2017/18-PRE	Carboy Blank	matrix spike	8/17/2017	Metal	Copper	Total	=	53	µg/L	EPA 200.8	0.13	0.5			
2017/18-PRE	Carboy Blank	matrix spike, rec	8/17/2017	Metal	Copper	Total	=	105	%	EPA 200.8	-88	-88	70	130	
2017/18-PRE	Carboy Blank	matrix spike dup	8/17/2017	Metal	Copper	Total	=	53.8	µg/L	EPA 200.8	0.13	0.5			
2017/18-PRE	Carboy Blank	matrix spike dup, rec	8/17/2017	Metal	Copper	Total	=	106	%	EPA 200.8	-88	-88	70	130	
2017/18-PRE	Carboy Blank	matrix spike, RPD	8/17/2017	Metal	Copper	Total	=	2	%	EPA 200.8	-88	-88	0	30	
2017/18-PRE	Lab	method blank	8/17/2017	Metal	Copper	Total	<	0.13	µg/L	EPA 200.8	0.13	0.5			
2017/18-PRE	Lab	LCS	8/17/2017	Metal	Copper	Total	=	52.4	µg/L	EPA 200.8	0.13	0.5			
2017/18-PRE	Lab	LCS, rec	8/17/2017	Metal	Copper	Total	=	105	%	EPA 200.8	-88	-88	85	115	
2017/18-PRE	Lab	method blank	8/18/2017	Metal	Copper	Total	<	0.13	µg/L	EPA 200.8	0.13	0.5			
2017/18-PRE	Lab	LCS	8/18/2017	Metal	Copper	Total	=	52.3	µg/L	EPA 200.8	0.13	0.5			
2017/18-PRE	Lab	LCS, rec	8/18/2017	Metal	Copper	Total	=	105	%	EPA 200.8	-88	-88	85	115	
2017/18-PRE	Tubing Blank	equip blank	8/17/2017	Metal	Copper	Total	DNQ	0.26	µg/L	EPA 200.8	0.13	0.5			
2017/18-PRE	Tubing Blank	matrix spike	8/17/2017	Metal	Copper	Total	=	53.5	µg/L	EPA 200.8	0.13	0.5			
2017/18-PRE	Tubing Blank	matrix spike, rec	8/17/2017	Metal	Copper	Total	=	106	%	EPA 200.8	-88	-88	70	130	
2017/18-PRE	Tubing Blank	matrix spike dup	8/17/2017	Metal	Copper	Total	=	54.6	µg/L	EPA 200.8	0.13	0.5			
2017/18-PRE	Tubing Blank	matrix spike dup, rec	8/17/2017	Metal	Copper	Total	=	109	%	EPA 200.8	-88	-88	70	130	
2017/18-PRE	Tubing Blank	matrix spike, RPD	8/17/2017	Metal	Copper	Total	=	2	%	EPA 200.8	-88	-88	0	30	
2017/18-PRE	000NONPJ	matrix spike	8/17/2017	Metal	Iron	Total	=	713	µg/L	EPA 200.7	1.1	10			
2017/18-PRE	000NONPJ	matrix spike, rec	8/17/2017	Metal	Iron	Total	=	92	%	EPA 200.7	-88	-88	70	130	
2017/18-PRE	000NONPJ	matrix spike dup	8/17/2017	Metal	Iron	Total	=	715	µg/L	EPA 200.7	1.1	10			
2017/18-PRE	000NONPJ	matrix spike dup, rec	8/17/2017	Metal	Iron	Total	=	93	%	EPA 200.7	-88	-88	70	130	
2017/18-PRE	000NONPJ	matrix spike, RPD	8/17/2017	Metal	Iron	Total	=	0.3	%	EPA 200.7	-88	-88	0	30	
2017/18-PRE	000NONPJ	matrix spike	8/17/2017	Metal	Iron	Total	=	278	µg/L	EPA 200.7	1.1	10			
2017/18-PRE	000NONPJ	matrix spike, rec	8/17/2017	Metal	Iron	Total	=	98	%	EPA 200.7	-88	-88	70	130	
2017/18-PRE	000NONPJ	matrix spike dup	8/17/2017	Metal	Iron	Total	=	280	µg/L	EPA 200.7	1.1	10			
2017/18-PRE	000NONPJ	matrix spike dup, rec	8/17/2017	Metal	Iron	Total	=	99	%	EPA 200.7	-88	-88	70	130	
2017/18-PRE	000NONPJ	matrix spike, RPD	8/17/2017	Metal	Iron	Total	=	0.7	%	EPA 200.7	-88	-88	0	30	
2017/18-PRE	Carboy Blank	equip blank	8/17/2017	Metal	Iron	Total	DNQ	2	µg/L	EPA 200.7	1.1	10			IP,UL-MB

Appendix F
Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2017/18-PRE	Lab	method blank	8/17/2017	Metal	Iron	Total	DNQ	2	µg/L	EPA 200.7	1.1	10			IP
2017/18-PRE	Lab	LCS	8/17/2017	Metal	Iron	Total	=	191	µg/L	EPA 200.7	1.1	10			
2017/18-PRE	Lab	LCS, rec	8/17/2017	Metal	Iron	Total	=	95	%	EPA 200.7	-88	-88	85	115	
2017/18-PRE	Tubing Blank	equip blank	8/17/2017	Metal	Iron	Total	DNQ	7	µg/L	EPA 200.7	1.1	10			IP,UL-MB
2017/18-PRE	Carboy Blank	equip blank	8/17/2017	Metal	Lead	Total	<	0.031	µg/L	EPA 200.8	0.031	0.2			
2017/18-PRE	Carboy Blank	matrix spike	8/17/2017	Metal	Lead	Total	=	50.8	µg/L	EPA 200.8	0.031	0.2			
2017/18-PRE	Carboy Blank	matrix spike, rec	8/17/2017	Metal	Lead	Total	=	102	%	EPA 200.8	-88	-88	70	130	
2017/18-PRE	Carboy Blank	matrix spike dup	8/17/2017	Metal	Lead	Total	=	52.5	µg/L	EPA 200.8	0.031	0.2			
2017/18-PRE	Carboy Blank	matrix spike dup, rec	8/17/2017	Metal	Lead	Total	=	105	%	EPA 200.8	-88	-88	70	130	
2017/18-PRE	Carboy Blank	matrix spike, RPD	8/17/2017	Metal	Lead	Total	=	3	%	EPA 200.8	-88	-88	0	30	
2017/18-PRE	Lab	method blank	8/17/2017	Metal	Lead	Total	<	0.031	µg/L	EPA 200.8	0.031	0.2			
2017/18-PRE	Lab	LCS	8/17/2017	Metal	Lead	Total	=	53.5	µg/L	EPA 200.8	0.031	0.2			
2017/18-PRE	Lab	LCS, rec	8/17/2017	Metal	Lead	Total	=	107	%	EPA 200.8	-88	-88	85	115	
2017/18-PRE	Tubing Blank	equip blank	8/17/2017	Metal	Lead	Total	<	0.031	µg/L	EPA 200.8	0.031	0.2			
2017/18-PRE	Tubing Blank	matrix spike	8/17/2017	Metal	Lead	Total	=	51.8	µg/L	EPA 200.8	0.031	0.2			
2017/18-PRE	Tubing Blank	matrix spike, rec	8/17/2017	Metal	Lead	Total	=	104	%	EPA 200.8	-88	-88	70	130	
2017/18-PRE	Tubing Blank	matrix spike dup	8/17/2017	Metal	Lead	Total	=	52.1	µg/L	EPA 200.8	0.031	0.2			
2017/18-PRE	Tubing Blank	matrix spike dup, rec	8/17/2017	Metal	Lead	Total	=	104	%	EPA 200.8	-88	-88	70	130	
2017/18-PRE	Tubing Blank	matrix spike, RPD	8/17/2017	Metal	Lead	Total	=	0.6	%	EPA 200.8	-88	-88	0	30	
2017/18-PRE	000NONPJ	matrix spike	8/16/2017	Metal	Mercury	Total	=	908	ng/L	EPA 245.1	17	50			
2017/18-PRE	000NONPJ	matrix spike, rec	8/16/2017	Metal	Mercury	Total	=	91	%	EPA 245.1	-88	-88	70	130	
2017/18-PRE	000NONPJ	matrix spike dup	8/16/2017	Metal	Mercury	Total	=	907	ng/L	EPA 245.1	17	50			
2017/18-PRE	000NONPJ	matrix spike dup, rec	8/16/2017	Metal	Mercury	Total	=	91	%	EPA 245.1	-88	-88	70	130	
2017/18-PRE	000NONPJ	matrix spike, RPD	8/16/2017	Metal	Mercury	Total	=	0.1	%	EPA 245.1	-88	-88	0	20	
2017/18-PRE	000NONPJ	matrix spike	8/16/2017	Metal	Mercury	Total	=	948	ng/L	EPA 245.1	17	50			
2017/18-PRE	000NONPJ	matrix spike, rec	8/16/2017	Metal	Mercury	Total	=	95	%	EPA 245.1	-88	-88	70	130	
2017/18-PRE	000NONPJ	matrix spike dup	8/16/2017	Metal	Mercury	Total	=	943	ng/L	EPA 245.1	17	50			
2017/18-PRE	000NONPJ	matrix spike dup, rec	8/16/2017	Metal	Mercury	Total	=	94	%	EPA 245.1	-88	-88	70	130	
2017/18-PRE	000NONPJ	matrix spike, RPD	8/16/2017	Metal	Mercury	Total	=	0.5	%	EPA 245.1	-88	-88	0	20	
2017/18-PRE	Carboy Blank	equip blank	8/16/2017	Metal	Mercury	Total	<	17	ng/L	EPA 245.1	17	50			
2017/18-PRE	Lab	method blank	8/16/2017	Metal	Mercury	Total	<	17	ng/L	EPA 245.1	17	50			
2017/18-PRE	Lab	LCS	8/16/2017	Metal	Mercury	Total	=	933	ng/L	EPA 245.1	17	50			
2017/18-PRE	Lab	LCS, rec	8/16/2017	Metal	Mercury	Total	=	93	%	EPA 245.1	-88	-88	85	115	
2017/18-PRE	Tubing Blank	equip blank	8/16/2017	Metal	Mercury	Total	<	17	ng/L	EPA 245.1	17	50			
2017/18-PRE	Carboy Blank	equip blank	8/17/2017	Metal	Nickel	Total	DNQ	0.065	µg/L	EPA 200.8	0.045	0.8			
2017/18-PRE	Carboy Blank	matrix spike	8/17/2017	Metal	Nickel	Total	=	52.3	µg/L	EPA 200.8	0.045	0.8			
2017/18-PRE	Carboy Blank	matrix spike, rec	8/17/2017	Metal	Nickel	Total	=	104	%	EPA 200.8	-88	-88	70	130	
2017/18-PRE	Carboy Blank	matrix spike dup	8/17/2017	Metal	Nickel	Total	=	52.7	µg/L	EPA 200.8	0.045	0.8			
2017/18-PRE	Carboy Blank	matrix spike dup, rec	8/17/2017	Metal	Nickel	Total	=	105	%	EPA 200.8	-88	-88	70	130	
2017/18-PRE	Carboy Blank	matrix spike, RPD	8/17/2017	Metal	Nickel	Total	=	0.8	%	EPA 200.8	-88	-88	0	30	
2017/18-PRE	Lab	method blank	8/17/2017	Metal	Nickel	Total	<	0.045	µg/L	EPA 200.8	0.045	0.8			
2017/18-PRE	Lab	LCS	8/17/2017	Metal	Nickel	Total	=	52.2	µg/L	EPA 200.8	0.045	0.8			
2017/18-PRE	Lab	LCS, rec	8/17/2017	Metal	Nickel	Total	=	104	%	EPA 200.8	-88	-88	85	115	
2017/18-PRE	Tubing Blank	equip blank	8/17/2017	Metal	Nickel	Total	DNQ	0.063	µg/L	EPA 200.8	0.045	0.8			
2017/18-PRE	Tubing Blank	matrix spike	8/17/2017	Metal	Nickel	Total	=	52.8	µg/L	EPA 200.8	0.045	0.8			
2017/18-PRE	Tubing Blank	matrix spike, rec	8/17/2017	Metal	Nickel	Total	=	106	%	EPA 200.8	-88	-88	70	130	
2017/18-PRE	Tubing Blank	matrix spike dup	8/17/2017	Metal	Nickel	Total	=	53.3	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	
2017/18-PRE	Tubing Blank	matrix spike dup, rec	8/17/2017	Metal	Nickel	Total	=	107	%	EPA 200.8	-88	-88	70	130	
2017/18-PRE	Tubing Blank	matrix spike, RPD	8/17/2017	Metal	Nickel	Total	=	1	%	EPA 200.8	-88	-88	0	30	
2017/18-PRE	Carboy Blank	equip blank	8/17/2017	Metal	Selenium	Total	<	0.14	µg/L	EPA 200.8	0.14	0.4			
2017/18-PRE	Carboy Blank	matrix spike	8/17/2017	Metal	Selenium	Total	=	49.2	µg/L	EPA 200.8	0.14	0.4			
2017/18-PRE	Carboy Blank	matrix spike, rec	8/17/2017	Metal	Selenium	Total	=	98	%	EPA 200.8	-88	-88	70	130	
2017/18-PRE	Carboy Blank	matrix spike dup	8/17/2017	Metal	Selenium	Total	=	51	µg/L	EPA 200.8	0.14	0.4			
2017/18-PRE	Carboy Blank	matrix spike dup, rec	8/17/2017	Metal	Selenium	Total	=	102	%	EPA 200.8	-88	-88	70	130	
2017/18-PRE	Carboy Blank	matrix spike, RPD	8/17/2017	Metal	Selenium	Total	=	4	%	EPA 200.8	-88	-88	0	30	
2017/18-PRE	Lab	method blank	8/17/2017	Metal	Selenium	Total	<	0.14	µg/L	EPA 200.8	0.14	0.4			
2017/18-PRE	Lab	LCS	8/17/2017	Metal	Selenium	Total	=	52.8	µg/L	EPA 200.8	0.14	0.4			
2017/18-PRE	Lab	LCS, rec	8/17/2017	Metal	Selenium	Total	=	106	%	EPA 200.8	-88	-88	85	115	
2017/18-PRE	Tubing Blank	equip blank	8/17/2017	Metal	Selenium	Total	<	0.14	µg/L	EPA 200.8	0.14	0.4			
2017/18-PRE	Tubing Blank	matrix spike	8/17/2017	Metal	Selenium	Total	=	50.7	µg/L	EPA 200.8	0.14	0.4			
2017/18-PRE	Tubing Blank	matrix spike, rec	8/17/2017	Metal	Selenium	Total	=	101	%	EPA 200.8	-88	-88	70	130	
2017/18-PRE	Tubing Blank	matrix spike dup	8/17/2017	Metal	Selenium	Total	=	51.4	µg/L	EPA 200.8	0.14	0.4			
2017/18-PRE	Tubing Blank	matrix spike dup, rec	8/17/2017	Metal	Selenium	Total	=	103	%	EPA 200.8	-88	-88	70	130	
2017/18-PRE	Tubing Blank	matrix spike, RPD	8/17/2017	Metal	Selenium	Total	=	1	%	EPA 200.8	-88	-88	0	30	
2017/18-PRE	Carboy Blank	equip blank	8/17/2017	Metal	Silver	Total	<	0.062	µg/L	EPA 200.8	0.062	0.2			
2017/18-PRE	Carboy Blank	matrix spike	8/17/2017	Metal	Silver	Total	=	50.4	µg/L	EPA 200.8	0.062	0.2			
2017/18-PRE	Carboy Blank	matrix spike, rec	8/17/2017	Metal	Silver	Total	=	101	%	EPA 200.8	-88	-88	70	130	
2017/18-PRE	Carboy Blank	matrix spike dup	8/17/2017	Metal	Silver	Total	=	51.5	µg/L	EPA 200.8	0.062	0.2			
2017/18-PRE	Carboy Blank	matrix spike dup, rec	8/17/2017	Metal	Silver	Total	=	103	%	EPA 200.8	-88	-88	70	130	
2017/18-PRE	Carboy Blank	matrix spike, RPD	8/17/2017	Metal	Silver	Total	=	2	%	EPA 200.8	-88	-88	0	30	
2017/18-PRE	Lab	method blank	8/17/2017	Metal	Silver	Total	<	0.062	µg/L	EPA 200.8	0.062	0.2			
2017/18-PRE	Lab	LCS	8/17/2017	Metal	Silver	Total	=	52.9	µg/L	EPA 200.8	0.062	0.2			
2017/18-PRE	Lab	LCS, rec	8/17/2017	Metal	Silver	Total	=	106	%	EPA 200.8	-88	-88	85	115	
2017/18-PRE	Tubing Blank	equip blank	8/17/2017	Metal	Silver	Total	<	0.062	µg/L	EPA 200.8	0.062	0.2			
2017/18-PRE	Tubing Blank	matrix spike	8/17/2017	Metal	Silver	Total	=	51	µg/L	EPA 200.8	0.062	0.2			
2017/18-PRE	Tubing Blank	matrix spike, rec	8/17/2017	Metal	Silver	Total	=	102	%	EPA 200.8	-88	-88	70	130	
2017/18-PRE	Tubing Blank	matrix spike dup	8/17/2017	Metal	Silver	Total	=	50.9	µg/L	EPA 200.8	0.062	0.2			
2017/18-PRE	Tubing Blank	matrix spike dup, rec	8/17/2017	Metal	Silver	Total	=	102	%	EPA 200.8	-88	-88	70	130	
2017/18-PRE	Tubing Blank	matrix spike, RPD	8/17/2017	Metal	Silver	Total	=	0.2	%	EPA 200.8	-88	-88	0	30	
2017/18-PRE	Carboy Blank	equip blank	8/17/2017	Metal	Thallium	Total	<	0.014	µg/L	EPA 200.8	0.014	0.2			
2017/18-PRE	Carboy Blank	matrix spike	8/17/2017	Metal	Thallium	Total	=	51.7	µg/L	EPA 200.8	0.014	0.2			
2017/18-PRE	Carboy Blank	matrix spike, rec	8/17/2017	Metal	Thallium	Total	=	103	%	EPA 200.8	-88	-88	70	130	
2017/18-PRE	Carboy Blank	matrix spike dup	8/17/2017	Metal	Thallium	Total	=	52.7	µg/L	EPA 200.8	0.014	0.2			
2017/18-PRE	Carboy Blank	matrix spike dup, rec	8/17/2017	Metal	Thallium	Total	=	105	%	EPA 200.8	-88	-88	70	130	
2017/18-PRE	Carboy Blank	matrix spike, RPD	8/17/2017	Metal	Thallium	Total	=	2	%	EPA 200.8	-88	-88	0	30	
2017/18-PRE	Lab	method blank	8/17/2017	Metal	Thallium	Total	<	0.014	µg/L	EPA 200.8	0.014	0.2			
2017/18-PRE	Lab	LCS	8/17/2017	Metal	Thallium	Total	=	54.2	µg/L	EPA 200.8	0.014	0.2			
2017/18-PRE	Lab	LCS, rec	8/17/2017	Metal	Thallium	Total	=	108	%	EPA 200.8	-88	-88	85	115	
2017/18-PRE	Tubing Blank	equip blank	8/17/2017	Metal	Thallium	Total	<	0.014	µg/L	EPA 200.8	0.014	0.2			
2017/18-PRE	Tubing Blank	matrix spike	8/17/2017	Metal	Thallium	Total	=	52.6	µg/L	EPA 200.8	0.014	0.2			
2017/18-PRE	Tubing Blank	matrix spike, rec	8/17/2017	Metal	Thallium	Total	=	105	%	EPA 200.8	-88	-88	70	130	
2017/18-PRE	Tubing Blank	matrix spike dup	8/17/2017	Metal	Thallium	Total	=	52.2	µg/L	EPA 200.8	0.014	0.2			
2017/18-PRE	Tubing Blank	matrix spike dup, rec	8/17/2017	Metal	Thallium	Total	=	104	%	EPA 200.8	-88	-88	70	130	
2017/18-PRE	Tubing Blank	matrix spike, RPD	8/17/2017	Metal	Thallium	Total	=	0.7	%	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	
2017/18-PRE	Carboy Blank	matrix spike	8/18/2017	Metal	Zinc	Total	=	51.8	µg/L	EPA 200.8	0.94	5			
2017/18-PRE	Carboy Blank	matrix spike, rec	8/18/2017	Metal	Zinc	Total	=	104	%	EPA 200.8	-88	-88	70	130	
2017/18-PRE	Carboy Blank	matrix spike dup	8/18/2017	Metal	Zinc	Total	=	51.8	µg/L	EPA 200.8	0.94	5			
2017/18-PRE	Carboy Blank	matrix spike dup, rec	8/18/2017	Metal	Zinc	Total	=	104	%	EPA 200.8	-88	-88	70	130	
2017/18-PRE	Carboy Blank	matrix spike, RPD	8/18/2017	Metal	Zinc	Total	=	0.2	%	EPA 200.8	-88	-88	0	30	
2017/18-PRE	Carboy Blank	equip blank	8/18/2017	Metal	Zinc	Total	<	0.94	µg/L	EPA 200.8	0.94	5			
2017/18-PRE	Lab	method blank	8/18/2017	Metal	Zinc	Total	<	0.94	µg/L	EPA 200.8	0.94	5			
2017/18-PRE	Lab	LCS	8/18/2017	Metal	Zinc	Total	=	52.9	µg/L	EPA 200.8	0.94	5			
2017/18-PRE	Lab	LCS, rec	8/18/2017	Metal	Zinc	Total	=	106	%	EPA 200.8	-88	-88	85	115	
2017/18-PRE	Tubing Blank	matrix spike	8/18/2017	Metal	Zinc	Total	=	52.2	µg/L	EPA 200.8	0.94	5			
2017/18-PRE	Tubing Blank	matrix spike, rec	8/18/2017	Metal	Zinc	Total	=	104	%	EPA 200.8	-88	-88	70	130	
2017/18-PRE	Tubing Blank	matrix spike dup	8/18/2017	Metal	Zinc	Total	=	52.4	µg/L	EPA 200.8	0.94	5			
2017/18-PRE	Tubing Blank	matrix spike dup, rec	8/18/2017	Metal	Zinc	Total	=	105	%	EPA 200.8	-88	-88	70	130	
2017/18-PRE	Tubing Blank	matrix spike, RPD	8/18/2017	Metal	Zinc	Total	=	0.3	%	EPA 200.8	-88	-88	0	30	
2017/18-PRE	Tubing Blank	equip blank	8/18/2017	Metal	Zinc	Total	<	0.94	µg/L	EPA 200.8	0.94	5			
2017/18-PRE	Carboy Blank	equip blank	8/18/2017	Organic	1,2,4-Trichlorobenzene	n/a	<	0.55	µg/L	EPA 625	0.55	1			
2017/18-PRE	Lab	method blank	8/18/2017	Organic	1,2,4-Trichlorobenzene	n/a	<	0.55	µg/L	EPA 625	0.55	1			
2017/18-PRE	Lab	LCS	8/18/2017	Organic	1,2,4-Trichlorobenzene	n/a	=	19.5	µg/L	EPA 625	0.55	1			
2017/18-PRE	Lab	LCS, rec	8/18/2017	Organic	1,2,4-Trichlorobenzene	n/a	=	78	%	EPA 625	-88	-88	44	142	
2017/18-PRE	Lab	LCS dup	8/18/2017	Organic	1,2,4-Trichlorobenzene	n/a	=	17.6	µg/L	EPA 625	0.55	1			
2017/18-PRE	Lab	LCS dup, rec	8/18/2017	Organic	1,2,4-Trichlorobenzene	n/a	=	70	%	EPA 625	-88	-88	44	142	
2017/18-PRE	Lab	LCS, RPD	8/18/2017	Organic	1,2,4-Trichlorobenzene	n/a	=	10	%	EPA 625	-88	-88	0	30	
2017/18-PRE	Tubing Blank	equip blank	8/18/2017	Organic	1,2,4-Trichlorobenzene	n/a	<	0.55	µg/L	EPA 625	0.55	1			
2017/18-PRE	Carboy Blank	equip blank	8/18/2017	Organic	1,2-Dichlorobenzene	n/a	<	0.57	µg/L	EPA 625	0.57	1			
2017/18-PRE	Lab	method blank	8/18/2017	Organic	1,2-Dichlorobenzene	n/a	<	0.57	µg/L	EPA 625	0.57	1			
2017/18-PRE	Lab	LCS	8/18/2017	Organic	1,2-Dichlorobenzene	n/a	=	19.8	µg/L	EPA 625	0.57	1			
2017/18-PRE	Lab	LCS, rec	8/18/2017	Organic	1,2-Dichlorobenzene	n/a	=	79	%	EPA 625	-88	-88	32	129	
2017/18-PRE	Lab	LCS dup	8/18/2017	Organic	1,2-Dichlorobenzene	n/a	=	18.4	µg/L	EPA 625	0.57	1			
2017/18-PRE	Lab	LCS dup, rec	8/18/2017	Organic	1,2-Dichlorobenzene	n/a	=	74	%	EPA 625	-88	-88	32	129	
2017/18-PRE	Lab	LCS, RPD	8/18/2017	Organic	1,2-Dichlorobenzene	n/a	=	7	%	EPA 625	-88	-88	0	30	
2017/18-PRE	Tubing Blank	equip blank	8/18/2017	Organic	1,2-Dichlorobenzene	n/a	<	0.57	µg/L	EPA 625	0.57	1			
2017/18-PRE	Carboy Blank	equip blank	8/18/2017	Organic	1,2-Diphenylhydrazine	n/a	<	0.25	µg/L	EPA 625	0.25	1			
2017/18-PRE	Lab	method blank	8/18/2017	Organic	1,2-Diphenylhydrazine	n/a	<	0.25	µg/L	EPA 625	0.25	1			
2017/18-PRE	Tubing Blank	equip blank	8/18/2017	Organic	1,2-Diphenylhydrazine	n/a	<	0.25	µg/L	EPA 625	0.25	1			
2017/18-PRE	Carboy Blank	equip blank	8/18/2017	Organic	1,3-Dichlorobenzene	n/a	<	0.53	µg/L	EPA 625	0.53	1			
2017/18-PRE	Lab	method blank	8/18/2017	Organic	1,3-Dichlorobenzene	n/a	<	0.53	µg/L	EPA 625	0.53	1			
2017/18-PRE	Lab	LCS	8/18/2017	Organic	1,3-Dichlorobenzene	n/a	=	18.6	µg/L	EPA 625	0.53	1			
2017/18-PRE	Lab	LCS, rec	8/18/2017	Organic	1,3-Dichlorobenzene	n/a	=	75	%	EPA 625	-88	-88	0.1	172	
2017/18-PRE	Lab	LCS dup	8/18/2017	Organic	1,3-Dichlorobenzene	n/a	=	17.4	µg/L	EPA 625	0.53	1			
2017/18-PRE	Lab	LCS dup, rec	8/18/2017	Organic	1,3-Dichlorobenzene	n/a	=	70	%	EPA 625	-88	-88	0.1	172	
2017/18-PRE	Lab	LCS, RPD	8/18/2017	Organic	1,3-Dichlorobenzene	n/a	=	7	%	EPA 625	-88	-88	0	30	
2017/18-PRE	Tubing Blank	equip blank	8/18/2017	Organic	1,3-Dichlorobenzene	n/a	<	0.53	µg/L	EPA 625	0.53	1			
2017/18-PRE	Carboy Blank	srgt equip blank	9/4/2017	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	5.42	µg/L	EPA 525.2	-88	-88			
2017/18-PRE	Carboy Blank	srgt equip blank, rec	9/4/2017	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	108	%	EPA 525.2	-88	-88	70	130	
2017/18-PRE	Lab	srgt method blank	9/3/2017	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	5.2	µg/L	EPA 525.2	-88	-88			
2017/18-PRE	Lab	srgt method blank, rec	9/3/2017	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	104	%	EPA 525.2	-88	-88	70	130	
2017/18-PRE	Lab	srgt LCS	9/3/2017	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	5.2	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	
2017/18-PRE	Lab	srgt LCS, rec	9/3/2017	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	104	%	EPA 525.2	-88	-88	70	130	
2017/18-PRE	Lab	srgt LCS dup	9/3/2017	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	5.07	µg/L	EPA 525.2	-88	-88			
2017/18-PRE	Lab	srgt LCS dup, rec	9/3/2017	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	101	%	EPA 525.2	-88	-88	70	130	
2017/18-PRE	Tubing Blank	srgt equip blank	9/3/2017	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	5.43	µg/L	EPA 525.2	-88	-88			
2017/18-PRE	Tubing Blank	srgt equip blank, rec	9/3/2017	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	109	%	EPA 525.2	-88	-88	70	130	
2017/18-PRE	Carboy Blank	equip blank	8/18/2017	Organic	1,4-Dichlorobenzene	n/a	<	0.55	µg/L	EPA 625	0.55	1			
2017/18-PRE	Lab	method blank	8/18/2017	Organic	1,4-Dichlorobenzene	n/a	<	0.55	µg/L	EPA 625	0.55	1			
2017/18-PRE	Lab	LCS	8/18/2017	Organic	1,4-Dichlorobenzene	n/a	=	18.1	µg/L	EPA 625	0.55	1			
2017/18-PRE	Lab	LCS, rec	8/18/2017	Organic	1,4-Dichlorobenzene	n/a	=	72	%	EPA 625	-88	-88	20	124	
2017/18-PRE	Lab	LCS dup	8/18/2017	Organic	1,4-Dichlorobenzene	n/a	=	16.8	µg/L	EPA 625	0.55	1			
2017/18-PRE	Lab	LCS dup, rec	8/18/2017	Organic	1,4-Dichlorobenzene	n/a	=	67	%	EPA 625	-88	-88	20	124	
2017/18-PRE	Lab	LCS, RPD	8/18/2017	Organic	1,4-Dichlorobenzene	n/a	=	7	%	EPA 625	-88	-88	0	30	
2017/18-PRE	Tubing Blank	equip blank	8/18/2017	Organic	1,4-Dichlorobenzene	n/a	<	0.55	µg/L	EPA 625	0.55	1			
2017/18-PRE	Carboy Blank	srgt equip blank	8/18/2017	Organic	2,4,6-Tribromophenol	n/a	=	28.4	µg/L	EPA 625	-88	-88			
2017/18-PRE	Carboy Blank	srgt equip blank, rec	8/18/2017	Organic	2,4,6-Tribromophenol	n/a	=	57	%	EPA 625	-88	-88	25	102	
2017/18-PRE	Lab	srgt method blank	8/18/2017	Organic	2,4,6-Tribromophenol	n/a	=	26.4	µg/L	EPA 625	-88	-88			
2017/18-PRE	Lab	srgt method blank, rec	8/18/2017	Organic	2,4,6-Tribromophenol	n/a	=	53	%	EPA 625	-88	-88	25	102	
2017/18-PRE	Lab	srgt LCS	8/18/2017	Organic	2,4,6-Tribromophenol	n/a	=	36.4	µg/L	EPA 625	-88	-88			
2017/18-PRE	Lab	srgt LCS, rec	8/18/2017	Organic	2,4,6-Tribromophenol	n/a	=	73	%	EPA 625	-88	-88	25	102	
2017/18-PRE	Lab	srgt LCS dup	8/18/2017	Organic	2,4,6-Tribromophenol	n/a	=	34.5	µg/L	EPA 625	-88	-88			
2017/18-PRE	Lab	srgt LCS dup, rec	8/18/2017	Organic	2,4,6-Tribromophenol	n/a	=	69	%	EPA 625	-88	-88	25	102	
2017/18-PRE	Tubing Blank	srgt equip blank	8/18/2017	Organic	2,4,6-Tribromophenol	n/a	=	25.7	µg/L	EPA 625	-88	-88			
2017/18-PRE	Tubing Blank	srgt equip blank, rec	8/18/2017	Organic	2,4,6-Tribromophenol	n/a	=	51	%	EPA 625	-88	-88	25	102	
2017/18-PRE	Carboy Blank	equip blank	8/18/2017	Organic	2,4,6-Trichlorophenol	n/a	<	0.22	µg/L	EPA 625	0.22	1			
2017/18-PRE	Lab	method blank	8/18/2017	Organic	2,4,6-Trichlorophenol	n/a	<	0.22	µg/L	EPA 625	0.22	1			
2017/18-PRE	Lab	LCS	8/18/2017	Organic	2,4,6-Trichlorophenol	n/a	=	18.7	µg/L	EPA 625	0.22	1			
2017/18-PRE	Lab	LCS, rec	8/18/2017	Organic	2,4,6-Trichlorophenol	n/a	=	75	%	EPA 625	-88	-88	37	144	
2017/18-PRE	Lab	LCS dup	8/18/2017	Organic	2,4,6-Trichlorophenol	n/a	=	18.1	µg/L	EPA 625	0.22	1			
2017/18-PRE	Lab	LCS dup, rec	8/18/2017	Organic	2,4,6-Trichlorophenol	n/a	=	72	%	EPA 625	-88	-88	37	144	
2017/18-PRE	Lab	LCS, RPD	8/18/2017	Organic	2,4,6-Trichlorophenol	n/a	=	4	%	EPA 625	-88	-88	0	30	
2017/18-PRE	Tubing Blank	equip blank	8/18/2017	Organic	2,4,6-Trichlorophenol	n/a	<	0.22	µg/L	EPA 625	0.22	1			
2017/18-PRE	Carboy Blank	equip blank	8/18/2017	Organic	2,4-Dichlorophenol	n/a	<	0.26	µg/L	EPA 625	0.26	1			
2017/18-PRE	Lab	method blank	8/18/2017	Organic	2,4-Dichlorophenol	n/a	<	0.26	µg/L	EPA 625	0.26	1			
2017/18-PRE	Lab	LCS	8/18/2017	Organic	2,4-Dichlorophenol	n/a	=	19	µg/L	EPA 625	0.26	1			
2017/18-PRE	Lab	LCS, rec	8/18/2017	Organic	2,4-Dichlorophenol	n/a	=	76	%	EPA 625	-88	-88	39	135	
2017/18-PRE	Lab	LCS dup	8/18/2017	Organic	2,4-Dichlorophenol	n/a	=	17.8	µg/L	EPA 625	0.26	1			
2017/18-PRE	Lab	LCS dup, rec	8/18/2017	Organic	2,4-Dichlorophenol	n/a	=	71	%	EPA 625	-88	-88	39	135	
2017/18-PRE	Lab	LCS, RPD	8/18/2017	Organic	2,4-Dichlorophenol	n/a	=	6	%	EPA 625	-88	-88	0	30	
2017/18-PRE	Tubing Blank	equip blank	8/18/2017	Organic	2,4-Dichlorophenol	n/a	<	0.26	µg/L	EPA 625	0.26	1			
2017/18-PRE	Carboy Blank	equip blank	8/18/2017	Organic	2,4-Dimethylphenol	n/a	<	0.3	µg/L	EPA 625	0.3	1			
2017/18-PRE	Lab	method blank	8/18/2017	Organic	2,4-Dimethylphenol	n/a	<	0.3	µg/L	EPA 625	0.3	1			
2017/18-PRE	Lab	LCS	8/18/2017	Organic	2,4-Dimethylphenol	n/a	=	16.3	µg/L	EPA 625	0.3	1			
2017/18-PRE	Lab	LCS, rec	8/18/2017	Organic	2,4-Dimethylphenol	n/a	=	65	%	EPA 625	-88	-88	32	119	
2017/18-PRE	Lab	LCS dup	8/18/2017	Organic	2,4-Dimethylphenol	n/a	=	15.9	µg/L	EPA 625	0.3	1			
2017/18-PRE	Lab	LCS dup, rec	8/18/2017	Organic	2,4-Dimethylphenol	n/a	=	64	%	EPA 625	-88	-88	32	119	
2017/18-PRE	Lab	LCS, RPD	8/18/2017	Organic	2,4-Dimethylphenol	n/a	=	2	%	EPA 625	-88	-88	0	30	
2017/18-PRE	Tubing Blank	equip blank	8/18/2017	Organic	2,4-Dimethylphenol	n/a	<	0.3	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	
2017/18-PRE	Carboy Blank	equip blank	8/18/2017	Organic	2,4-Dinitrophenol	n/a	<	1.6	µg/L	EPA 625	1.6	10			
2017/18-PRE	Lab	method blank	8/18/2017	Organic	2,4-Dinitrophenol	n/a	<	1.6	µg/L	EPA 625	1.6	10			
2017/18-PRE	Lab	LCS	8/18/2017	Organic	2,4-Dinitrophenol	n/a	=	19.7	µg/L	EPA 625	1.6	10			
2017/18-PRE	Lab	LCS, rec	8/18/2017	Organic	2,4-Dinitrophenol	n/a	=	79	%	EPA 625	-88	-88	0.1	191	
2017/18-PRE	Lab	LCS dup	8/18/2017	Organic	2,4-Dinitrophenol	n/a	=	18.1	µg/L	EPA 625	1.6	10			
2017/18-PRE	Lab	LCS dup, rec	8/18/2017	Organic	2,4-Dinitrophenol	n/a	=	72	%	EPA 625	-88	-88	0.1	191	
2017/18-PRE	Lab	LCS, RPD	8/18/2017	Organic	2,4-Dinitrophenol	n/a	=	8	%	EPA 625	-88	-88	0	30	
2017/18-PRE	Tubing Blank	equip blank	8/18/2017	Organic	2,4-Dinitrophenol	n/a	<	1.6	µg/L	EPA 625	1.6	10			
2017/18-PRE	Carboy Blank	equip blank	8/18/2017	Organic	2,4-Dinitrotoluene	n/a	<	0.18	µg/L	EPA 625	0.18	1			
2017/18-PRE	Lab	method blank	8/18/2017	Organic	2,4-Dinitrotoluene	n/a	<	0.18	µg/L	EPA 625	0.18	1			
2017/18-PRE	Lab	LCS	8/18/2017	Organic	2,4-Dinitrotoluene	n/a	=	29.3	µg/L	EPA 625	0.18	1			
2017/18-PRE	Lab	LCS, rec	8/18/2017	Organic	2,4-Dinitrotoluene	n/a	=	117	%	EPA 625	-88	-88	39	139	
2017/18-PRE	Lab	LCS dup	8/18/2017	Organic	2,4-Dinitrotoluene	n/a	=	29	µg/L	EPA 625	0.18	1			
2017/18-PRE	Lab	LCS dup, rec	8/18/2017	Organic	2,4-Dinitrotoluene	n/a	=	116	%	EPA 625	-88	-88	39	139	
2017/18-PRE	Lab	LCS, RPD	8/18/2017	Organic	2,4-Dinitrotoluene	n/a	=	0.8	%	EPA 625	-88	-88	0	30	
2017/18-PRE	Tubing Blank	equip blank	8/18/2017	Organic	2,4-Dinitrotoluene	n/a	<	0.18	µg/L	EPA 625	0.18	1			
2017/18-PRE	Carboy Blank	equip blank	8/18/2017	Organic	2,6-Dinitrotoluene	n/a	<	0.27	µg/L	EPA 625	0.27	1			
2017/18-PRE	Lab	method blank	8/18/2017	Organic	2,6-Dinitrotoluene	n/a	<	0.27	µg/L	EPA 625	0.27	1			
2017/18-PRE	Lab	LCS	8/18/2017	Organic	2,6-Dinitrotoluene	n/a	=	18.2	µg/L	EPA 625	0.27	1			
2017/18-PRE	Lab	LCS, rec	8/18/2017	Organic	2,6-Dinitrotoluene	n/a	=	73	%	EPA 625	-88	-88	50	158	
2017/18-PRE	Lab	LCS dup	8/18/2017	Organic	2,6-Dinitrotoluene	n/a	=	18.7	µg/L	EPA 625	0.27	1			
2017/18-PRE	Lab	LCS dup, rec	8/18/2017	Organic	2,6-Dinitrotoluene	n/a	=	75	%	EPA 625	-88	-88	50	158	
2017/18-PRE	Lab	LCS, RPD	8/18/2017	Organic	2,6-Dinitrotoluene	n/a	=	2	%	EPA 625	-88	-88	0	30	
2017/18-PRE	Tubing Blank	equip blank	8/18/2017	Organic	2,6-Dinitrotoluene	n/a	<	0.27	µg/L	EPA 625	0.27	1			
2017/18-PRE	Carboy Blank	equip blank	8/18/2017	Organic	2-Chloronaphthalene	n/a	<	0.45	µg/L	EPA 625	0.45	1			
2017/18-PRE	Lab	method blank	8/18/2017	Organic	2-Chloronaphthalene	n/a	<	0.45	µg/L	EPA 625	0.45	1			
2017/18-PRE	Lab	LCS	8/18/2017	Organic	2-Chloronaphthalene	n/a	=	18.6	µg/L	EPA 625	0.45	1			
2017/18-PRE	Lab	LCS, rec	8/18/2017	Organic	2-Chloronaphthalene	n/a	=	74	%	EPA 625	-88	-88	60	118	
2017/18-PRE	Lab	LCS dup	8/18/2017	Organic	2-Chloronaphthalene	n/a	=	17.9	µg/L	EPA 625	0.45	1			
2017/18-PRE	Lab	LCS dup, rec	8/18/2017	Organic	2-Chloronaphthalene	n/a	=	72	%	EPA 625	-88	-88	60	118	
2017/18-PRE	Lab	LCS, RPD	8/18/2017	Organic	2-Chloronaphthalene	n/a	=	4	%	EPA 625	-88	-88	0	30	
2017/18-PRE	Tubing Blank	equip blank	8/18/2017	Organic	2-Chloronaphthalene	n/a	<	0.45	µg/L	EPA 625	0.45	1			
2017/18-PRE	Carboy Blank	equip blank	8/18/2017	Organic	2-Chlorophenol	n/a	<	0.28	µg/L	EPA 625	0.28	1			
2017/18-PRE	Lab	method blank	8/18/2017	Organic	2-Chlorophenol	n/a	<	0.28	µg/L	EPA 625	0.28	1			
2017/18-PRE	Lab	LCS	8/18/2017	Organic	2-Chlorophenol	n/a	=	18	µg/L	EPA 625	0.28	1			
2017/18-PRE	Lab	LCS, rec	8/18/2017	Organic	2-Chlorophenol	n/a	=	72	%	EPA 625	-88	-88	23	134	
2017/18-PRE	Lab	LCS dup	8/18/2017	Organic	2-Chlorophenol	n/a	=	16.7	µg/L	EPA 625	0.28	1			
2017/18-PRE	Lab	LCS dup, rec	8/18/2017	Organic	2-Chlorophenol	n/a	=	67	%	EPA 625	-88	-88	23	134	
2017/18-PRE	Lab	LCS, RPD	8/18/2017	Organic	2-Chlorophenol	n/a	=	8	%	EPA 625	-88	-88	0	30	
2017/18-PRE	Tubing Blank	equip blank	8/18/2017	Organic	2-Chlorophenol	n/a	<	0.28	µg/L	EPA 625	0.28	1			
2017/18-PRE	Carboy Blank	srgt equip blank	8/18/2017	Organic	2-Fluorobiphenyl	n/a	=	15.2	µg/L	EPA 625	-88	-88			
2017/18-PRE	Carboy Blank	srgt equip blank, rec	8/18/2017	Organic	2-Fluorobiphenyl	n/a	=	61	%	EPA 625	-88	-88	22	107	
2017/18-PRE	Lab	srgt method blank	8/18/2017	Organic	2-Fluorobiphenyl	n/a	=	13.3	µg/L	EPA 625	-88	-88			
2017/18-PRE	Lab	srgt method blank, rec	8/18/2017	Organic	2-Fluorobiphenyl	n/a	=	53	%	EPA 625	-88	-88	22	107	
2017/18-PRE	Lab	srgt LCS	8/18/2017	Organic	2-Fluorobiphenyl	n/a	=	15.9	µg/L	EPA 625	-88	-88			
2017/18-PRE	Lab	srgt LCS, rec	8/18/2017	Organic	2-Fluorobiphenyl	n/a	=	63	%	EPA 625	-88	-88	22	107	
2017/18-PRE	Lab	srgt LCS dup	8/18/2017	Organic	2-Fluorobiphenyl	n/a	=	14.8	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	
2017/18-PRE	Lab	srgt LCS dup, rec	8/18/2017	Organic	2-Fluorobiphenyl	n/a	=	59	%	EPA 625	-88	-88	22	107	
2017/18-PRE	Tubing Blank	srgt equip blank	8/18/2017	Organic	2-Fluorobiphenyl	n/a	=	12.9	µg/L	EPA 625	-88	-88			
2017/18-PRE	Tubing Blank	srgt equip blank, rec	8/18/2017	Organic	2-Fluorobiphenyl	n/a	=	51	%	EPA 625	-88	-88	22	107	
2017/18-PRE	Carboy Blank	srgt equip blank	8/18/2017	Organic	2-Fluorophenol	n/a	=	19.7	µg/L	EPA 625	-88	-88			
2017/18-PRE	Carboy Blank	srgt equip blank, rec	8/18/2017	Organic	2-Fluorophenol	n/a	=	39	%	EPA 625	-88	-88	3	74	
2017/18-PRE	Lab	srgt method blank	8/18/2017	Organic	2-Fluorophenol	n/a	=	18.2	µg/L	EPA 625	-88	-88			
2017/18-PRE	Lab	srgt method blank, rec	8/18/2017	Organic	2-Fluorophenol	n/a	=	36	%	EPA 625	-88	-88	3	74	
2017/18-PRE	Lab	srgt LCS	8/18/2017	Organic	2-Fluorophenol	n/a	=	20.8	µg/L	EPA 625	-88	-88			
2017/18-PRE	Lab	srgt LCS, rec	8/18/2017	Organic	2-Fluorophenol	n/a	=	42	%	EPA 625	-88	-88	3	74	
2017/18-PRE	Lab	srgt LCS dup	8/18/2017	Organic	2-Fluorophenol	n/a	=	19.7	µg/L	EPA 625	-88	-88			
2017/18-PRE	Lab	srgt LCS dup, rec	8/18/2017	Organic	2-Fluorophenol	n/a	=	39	%	EPA 625	-88	-88	3	74	
2017/18-PRE	Tubing Blank	srgt equip blank	8/18/2017	Organic	2-Fluorophenol	n/a	=	18.4	µg/L	EPA 625	-88	-88			
2017/18-PRE	Tubing Blank	srgt equip blank, rec	8/18/2017	Organic	2-Fluorophenol	n/a	=	37	%	EPA 625	-88	-88	3	74	
2017/18-PRE	Carboy Blank	equip blank	8/18/2017	Organic	2-Nitrophenol	n/a	<	0.26	µg/L	EPA 625	0.26	1			
2017/18-PRE	Lab	method blank	8/18/2017	Organic	2-Nitrophenol	n/a	<	0.26	µg/L	EPA 625	0.26	1			
2017/18-PRE	Lab	LCS	8/18/2017	Organic	2-Nitrophenol	n/a	=	20.6	µg/L	EPA 625	0.26	1			
2017/18-PRE	Lab	LCS, rec	8/18/2017	Organic	2-Nitrophenol	n/a	=	82	%	EPA 625	-88	-88	29	182	
2017/18-PRE	Lab	LCS dup	8/18/2017	Organic	2-Nitrophenol	n/a	=	19.1	µg/L	EPA 625	0.26	1			
2017/18-PRE	Lab	LCS dup, rec	8/18/2017	Organic	2-Nitrophenol	n/a	=	76	%	EPA 625	-88	-88	29	182	
2017/18-PRE	Lab	LCS, RPD	8/18/2017	Organic	2-Nitrophenol	n/a	=	8	%	EPA 625	-88	-88	0	30	
2017/18-PRE	Tubing Blank	equip blank	8/18/2017	Organic	2-Nitrophenol	n/a	<	0.26	µg/L	EPA 625	0.26	1			
2017/18-PRE	Carboy Blank	equip blank	8/18/2017	Organic	3,3'-Dichlorobenzidine	n/a	<	1.2	µg/L	EPA 625	1.2	5			
2017/18-PRE	Lab	method blank	8/18/2017	Organic	3,3'-Dichlorobenzidine	n/a	<	1.2	µg/L	EPA 625	1.2	5			
2017/18-PRE	Lab	LCS	8/18/2017	Organic	3,3'-Dichlorobenzidine	n/a	=	13.5	µg/L	EPA 625	1.2	5			
2017/18-PRE	Lab	LCS, rec	8/18/2017	Organic	3,3'-Dichlorobenzidine	n/a	=	54	%	EPA 625	-88	-88	0.1	262	
2017/18-PRE	Lab	LCS dup	8/18/2017	Organic	3,3'-Dichlorobenzidine	n/a	=	13.1	µg/L	EPA 625	1.2	5			
2017/18-PRE	Lab	LCS dup, rec	8/18/2017	Organic	3,3'-Dichlorobenzidine	n/a	=	52	%	EPA 625	-88	-88	0.1	262	
2017/18-PRE	Lab	LCS, RPD	8/18/2017	Organic	3,3'-Dichlorobenzidine	n/a	=	3	%	EPA 625	-88	-88	0	30	
2017/18-PRE	Tubing Blank	equip blank	8/18/2017	Organic	3,3'-Dichlorobenzidine	n/a	<	1.2	µg/L	EPA 625	1.2	5			
2017/18-PRE	Carboy Blank	equip blank	8/18/2017	Organic	4,6-Dinitro-2-methylphenol	n/a	<	1.7	µg/L	EPA 625	1.7	5			
2017/18-PRE	Lab	method blank	8/18/2017	Organic	4,6-Dinitro-2-methylphenol	n/a	<	1.7	µg/L	EPA 625	1.7	5			
2017/18-PRE	Lab	LCS	8/18/2017	Organic	4,6-Dinitro-2-methylphenol	n/a	=	23.5	µg/L	EPA 625	1.7	5			
2017/18-PRE	Lab	LCS, rec	8/18/2017	Organic	4,6-Dinitro-2-methylphenol	n/a	=	94	%	EPA 625	-88	-88	0.1	181	
2017/18-PRE	Lab	LCS dup	8/18/2017	Organic	4,6-Dinitro-2-methylphenol	n/a	=	22.7	µg/L	EPA 625	1.7	5			
2017/18-PRE	Lab	LCS dup, rec	8/18/2017	Organic	4,6-Dinitro-2-methylphenol	n/a	=	91	%	EPA 625	-88	-88	0.1	181	
2017/18-PRE	Lab	LCS, RPD	8/18/2017	Organic	4,6-Dinitro-2-methylphenol	n/a	=	4	%	EPA 625	-88	-88	0	30	
2017/18-PRE	Tubing Blank	equip blank	8/18/2017	Organic	4,6-Dinitro-2-methylphenol	n/a	<	1.7	µg/L	EPA 625	1.7	5			
2017/18-PRE	Carboy Blank	equip blank	8/18/2017	Organic	4-Bromophenyl phenyl ether	n/a	<	0.36	µg/L	EPA 625	0.36	1			
2017/18-PRE	Lab	method blank	8/18/2017	Organic	4-Bromophenyl phenyl ether	n/a	<	0.36	µg/L	EPA 625	0.36	1			
2017/18-PRE	Lab	LCS	8/18/2017	Organic	4-Bromophenyl phenyl ether	n/a	=	18.6	µg/L	EPA 625	0.36	1			
2017/18-PRE	Lab	LCS, rec	8/18/2017	Organic	4-Bromophenyl phenyl ether	n/a	=	74	%	EPA 625	-88	-88	53	127	
2017/18-PRE	Lab	LCS dup	8/18/2017	Organic	4-Bromophenyl phenyl ether	n/a	=	18.4	µg/L	EPA 625	0.36	1			
2017/18-PRE	Lab	LCS dup, rec	8/18/2017	Organic	4-Bromophenyl phenyl ether	n/a	=	74	%	EPA 625	-88	-88	53	127	
2017/18-PRE	Lab	LCS, RPD	8/18/2017	Organic	4-Bromophenyl phenyl ether	n/a	=	1	%	EPA 625	-88	-88	0	30	
2017/18-PRE	Tubing Blank	equip blank	8/18/2017	Organic	4-Bromophenyl phenyl ether	n/a	<	0.36	µg/L	EPA 625	0.36	1			
2017/18-PRE	Carboy Blank	equip blank	8/18/2017	Organic	4-Chloro-3-methylphenol	n/a	<	0.23	µg/L	EPA 625	0.23	1			
2017/18-PRE	Lab	method blank	8/18/2017	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	
2017/18-PRE	Lab	LCS	8/18/2017	Organic	4-Chloro-3-methylphenol	n/a	=	18.8	µg/L	EPA 625	0.23	1			
2017/18-PRE	Lab	LCS, rec	8/18/2017	Organic	4-Chloro-3-methylphenol	n/a	=	75	%	EPA 625	-88	-88	22	147	
2017/18-PRE	Lab	LCS dup	8/18/2017	Organic	4-Chloro-3-methylphenol	n/a	=	17.8	µg/L	EPA 625	0.23	1			
2017/18-PRE	Lab	LCS dup, rec	8/18/2017	Organic	4-Chloro-3-methylphenol	n/a	=	71	%	EPA 625	-88	-88	22	147	
2017/18-PRE	Lab	LCS, RPD	8/18/2017	Organic	4-Chloro-3-methylphenol	n/a	=	5	%	EPA 625	-88	-88	0	30	
2017/18-PRE	Tubing Blank	equip blank	8/18/2017	Organic	4-Chloro-3-methylphenol	n/a	<	0.23	µg/L	EPA 625	0.23	1			
2017/18-PRE	Carboy Blank	equip blank	8/18/2017	Organic	4-Chlorophenyl phenyl ether	n/a	<	0.41	µg/L	EPA 625	0.41	1			
2017/18-PRE	Lab	method blank	8/18/2017	Organic	4-Chlorophenyl phenyl ether	n/a	<	0.41	µg/L	EPA 625	0.41	1			
2017/18-PRE	Lab	LCS	8/18/2017	Organic	4-Chlorophenyl phenyl ether	n/a	=	21.2	µg/L	EPA 625	0.41	1			
2017/18-PRE	Lab	LCS, rec	8/18/2017	Organic	4-Chlorophenyl phenyl ether	n/a	=	85	%	EPA 625	-88	-88	25	158	
2017/18-PRE	Lab	LCS dup	8/18/2017	Organic	4-Chlorophenyl phenyl ether	n/a	=	20.2	µg/L	EPA 625	0.41	1			
2017/18-PRE	Lab	LCS dup, rec	8/18/2017	Organic	4-Chlorophenyl phenyl ether	n/a	=	81	%	EPA 625	-88	-88	25	158	
2017/18-PRE	Lab	LCS, RPD	8/18/2017	Organic	4-Chlorophenyl phenyl ether	n/a	=	5	%	EPA 625	-88	-88	0	30	
2017/18-PRE	Tubing Blank	equip blank	8/18/2017	Organic	4-Chlorophenyl phenyl ether	n/a	<	0.41	µg/L	EPA 625	0.41	1			
2017/18-PRE	Carboy Blank	equip blank	8/18/2017	Organic	4-Nitrophenol	n/a	<	0.45	µg/L	EPA 625	0.45	5			
2017/18-PRE	Lab	method blank	8/18/2017	Organic	4-Nitrophenol	n/a	<	0.45	µg/L	EPA 625	0.45	5			
2017/18-PRE	Lab	LCS	8/18/2017	Organic	4-Nitrophenol	n/a	=	11.2	µg/L	EPA 625	0.45	5			
2017/18-PRE	Lab	LCS, rec	8/18/2017	Organic	4-Nitrophenol	n/a	=	45	%	EPA 625	-88	-88	0.1	132	
2017/18-PRE	Lab	LCS dup	8/18/2017	Organic	4-Nitrophenol	n/a	=	10.9	µg/L	EPA 625	0.45	5			
2017/18-PRE	Lab	LCS dup, rec	8/18/2017	Organic	4-Nitrophenol	n/a	=	44	%	EPA 625	-88	-88	0.1	132	
2017/18-PRE	Lab	LCS, RPD	8/18/2017	Organic	4-Nitrophenol	n/a	=	2	%	EPA 625	-88	-88	0	30	
2017/18-PRE	Tubing Blank	equip blank	8/18/2017	Organic	4-Nitrophenol	n/a	<	0.45	µg/L	EPA 625	0.45	5			
2017/18-PRE	Carboy Blank	equip blank	8/18/2017	Organic	Acenaphthene	n/a	<	0.38	µg/L	EPA 625	0.38	1			
2017/18-PRE	Lab	method blank	8/18/2017	Organic	Acenaphthene	n/a	<	0.38	µg/L	EPA 625	0.38	1			
2017/18-PRE	Lab	LCS	8/18/2017	Organic	Acenaphthene	n/a	=	20	µg/L	EPA 625	0.38	1			
2017/18-PRE	Lab	LCS, rec	8/18/2017	Organic	Acenaphthene	n/a	=	80	%	EPA 625	-88	-88	47	145	
2017/18-PRE	Lab	LCS dup	8/18/2017	Organic	Acenaphthene	n/a	=	18.7	µg/L	EPA 625	0.38	1			
2017/18-PRE	Lab	LCS dup, rec	8/18/2017	Organic	Acenaphthene	n/a	=	75	%	EPA 625	-88	-88	47	145	
2017/18-PRE	Lab	LCS, RPD	8/18/2017	Organic	Acenaphthene	n/a	=	7	%	EPA 625	-88	-88	0	30	
2017/18-PRE	Tubing Blank	equip blank	8/18/2017	Organic	Acenaphthene	n/a	<	0.38	µg/L	EPA 625	0.38	1			
2017/18-PRE	Carboy Blank	equip blank	8/18/2017	Organic	Acenaphthylene	n/a	<	0.4	µg/L	EPA 625	0.4	1			
2017/18-PRE	Lab	method blank	8/18/2017	Organic	Acenaphthylene	n/a	<	0.4	µg/L	EPA 625	0.4	1			
2017/18-PRE	Lab	LCS	8/18/2017	Organic	Acenaphthylene	n/a	=	19.5	µg/L	EPA 625	0.4	1			
2017/18-PRE	Lab	LCS, rec	8/18/2017	Organic	Acenaphthylene	n/a	=	78	%	EPA 625	-88	-88	33	145	
2017/18-PRE	Lab	LCS dup	8/18/2017	Organic	Acenaphthylene	n/a	=	18.8	µg/L	EPA 625	0.4	1			
2017/18-PRE	Lab	LCS dup, rec	8/18/2017	Organic	Acenaphthylene	n/a	=	75	%	EPA 625	-88	-88	33	145	
2017/18-PRE	Lab	LCS, RPD	8/18/2017	Organic	Acenaphthylene	n/a	=	3	%	EPA 625	-88	-88	0	30	
2017/18-PRE	Tubing Blank	equip blank	8/18/2017	Organic	Acenaphthylene	n/a	<	0.4	µg/L	EPA 625	0.4	1			
2017/18-PRE	Carboy Blank	equip blank	8/18/2017	Organic	Anthracene	n/a	<	0.34	µg/L	EPA 625	0.34	1			
2017/18-PRE	Lab	method blank	8/18/2017	Organic	Anthracene	n/a	<	0.34	µg/L	EPA 625	0.34	1			
2017/18-PRE	Lab	LCS	8/18/2017	Organic	Anthracene	n/a	=	21.3	µg/L	EPA 625	0.34	1			
2017/18-PRE	Lab	LCS, rec	8/18/2017	Organic	Anthracene	n/a	=	85	%	EPA 625	-88	-88	27	133	
2017/18-PRE	Lab	LCS dup	8/18/2017	Organic	Anthracene	n/a	=	20.9	µg/L	EPA 625	0.34	1			
2017/18-PRE	Lab	LCS dup, rec	8/18/2017	Organic	Anthracene	n/a	=	84	%	EPA 625	-88	-88	27	133	
2017/18-PRE	Lab	LCS, RPD	8/18/2017	Organic	Anthracene	n/a	=	2	%	EPA 625	-88	-88	0	30	
2017/18-PRE	Tubing Blank	equip blank	8/18/2017	Organic	Anthracene	n/a	<	0.34	µg/L	EPA 625	0.34	1			
2017/18-PRE	Carboy Blank	equip blank	8/18/2017	Organic	Benz(a)anthracene	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	
2017/18-PRE	Lab	method blank	8/18/2017	Organic	Benz(a)anthracene	n/a	<	0.19	µg/L	EPA 625	0.19	1			
2017/18-PRE	Lab	LCS	8/18/2017	Organic	Benz(a)anthracene	n/a	=	18.9	µg/L	EPA 625	0.19	1			
2017/18-PRE	Lab	LCS, rec	8/18/2017	Organic	Benz(a)anthracene	n/a	=	76	%	EPA 625	-88	-88	33	143	
2017/18-PRE	Lab	LCS dup	8/18/2017	Organic	Benz(a)anthracene	n/a	=	17.9	µg/L	EPA 625	0.19	1			
2017/18-PRE	Lab	LCS dup, rec	8/18/2017	Organic	Benz(a)anthracene	n/a	=	71	%	EPA 625	-88	-88	33	143	
2017/18-PRE	Lab	LCS, RPD	8/18/2017	Organic	Benz(a)anthracene	n/a	=	6	%	EPA 625	-88	-88	0	30	
2017/18-PRE	Tubing Blank	equip blank	8/18/2017	Organic	Benz(a)anthracene	n/a	<	0.19	µg/L	EPA 625	0.19	1			
2017/18-PRE	Carboy Blank	equip blank	8/18/2017	Organic	Benzidine	n/a	<	3.7	µg/L	EPA 625	3.7	10			
2017/18-PRE	Lab	method blank	8/18/2017	Organic	Benzidine	n/a	<	3.7	µg/L	EPA 625	3.7	10			
2017/18-PRE	Tubing Blank	equip blank	8/18/2017	Organic	Benzidine	n/a	<	3.7	µg/L	EPA 625	3.7	10			
2017/18-PRE	Carboy Blank	equip blank	8/18/2017	Organic	Benzo(a)pyrene	n/a	<	0.13	µg/L	EPA 625	0.13	1			
2017/18-PRE	Carboy Blank	equip blank	9/4/2017	Organic	Benzo(a)pyrene	n/a	<	0.07	µg/L	EPA 525.2	0.07	0.1			
2017/18-PRE	Lab	method blank	8/18/2017	Organic	Benzo(a)pyrene	n/a	<	0.13	µg/L	EPA 625	0.13	1			
2017/18-PRE	Lab	LCS	8/18/2017	Organic	Benzo(a)pyrene	n/a	=	24.6	µg/L	EPA 625	0.13	1			
2017/18-PRE	Lab	LCS, rec	8/18/2017	Organic	Benzo(a)pyrene	n/a	=	98	%	EPA 625	-88	-88	17	163	
2017/18-PRE	Lab	LCS dup	8/18/2017	Organic	Benzo(a)pyrene	n/a	=	23.2	µg/L	EPA 625	0.13	1			
2017/18-PRE	Lab	LCS dup, rec	8/18/2017	Organic	Benzo(a)pyrene	n/a	=	93	%	EPA 625	-88	-88	17	163	
2017/18-PRE	Lab	LCS, RPD	8/18/2017	Organic	Benzo(a)pyrene	n/a	=	6	%	EPA 625	-88	-88	0	30	
2017/18-PRE	Lab	method blank	9/3/2017	Organic	Benzo(a)pyrene	n/a	<	0.07	µg/L	EPA 525.2	0.07	0.1			
2017/18-PRE	Lab	LCS	9/3/2017	Organic	Benzo(a)pyrene	n/a	=	4.74	µg/L	EPA 525.2	0.07	0.1			
2017/18-PRE	Lab	LCS, rec	9/3/2017	Organic	Benzo(a)pyrene	n/a	=	95	%	EPA 525.2	-88	-88	40	147	
2017/18-PRE	Lab	LCS dup	9/3/2017	Organic	Benzo(a)pyrene	n/a	=	4.56	µg/L	EPA 525.2	0.07	0.1			
2017/18-PRE	Lab	LCS dup, rec	9/3/2017	Organic	Benzo(a)pyrene	n/a	=	91	%	EPA 525.2	-88	-88	40	147	
2017/18-PRE	Lab	LCS, RPD	9/3/2017	Organic	Benzo(a)pyrene	n/a	=	4	%	EPA 525.2	-88	-88	0	30	
2017/18-PRE	Tubing Blank	equip blank	8/18/2017	Organic	Benzo(a)pyrene	n/a	<	0.13	µg/L	EPA 625	0.13	1			
2017/18-PRE	Tubing Blank	equip blank	9/3/2017	Organic	Benzo(a)pyrene	n/a	<	0.07	µg/L	EPA 525.2	0.07	0.1			
2017/18-PRE	Carboy Blank	equip blank	8/18/2017	Organic	Benzo(b)fluoranthene	n/a	<	0.14	µg/L	EPA 625	0.14	1			
2017/18-PRE	Lab	method blank	8/18/2017	Organic	Benzo(b)fluoranthene	n/a	<	0.14	µg/L	EPA 625	0.14	1			
2017/18-PRE	Lab	LCS	8/18/2017	Organic	Benzo(b)fluoranthene	n/a	=	25.9	µg/L	EPA 625	0.14	1			
2017/18-PRE	Lab	LCS, rec	8/18/2017	Organic	Benzo(b)fluoranthene	n/a	=	104	%	EPA 625	-88	-88	24	159	
2017/18-PRE	Lab	LCS dup	8/18/2017	Organic	Benzo(b)fluoranthene	n/a	=	24.9	µg/L	EPA 625	0.14	1			
2017/18-PRE	Lab	LCS dup, rec	8/18/2017	Organic	Benzo(b)fluoranthene	n/a	=	100	%	EPA 625	-88	-88	24	159	
2017/18-PRE	Lab	LCS, RPD	8/18/2017	Organic	Benzo(b)fluoranthene	n/a	=	4	%	EPA 625	-88	-88	0	30	
2017/18-PRE	Tubing Blank	equip blank	8/18/2017	Organic	Benzo(b)fluoranthene	n/a	<	0.14	µg/L	EPA 625	0.14	1			
2017/18-PRE	Carboy Blank	equip blank	8/18/2017	Organic	Benzo(g,h,i)perylene	n/a	<	0.1	µg/L	EPA 625	0.1	2			
2017/18-PRE	Lab	method blank	8/18/2017	Organic	Benzo(g,h,i)perylene	n/a	<	0.1	µg/L	EPA 625	0.1	2			
2017/18-PRE	Lab	LCS	8/18/2017	Organic	Benzo(g,h,i)perylene	n/a	=	21.6	µg/L	EPA 625	0.1	2			
2017/18-PRE	Lab	LCS, rec	8/18/2017	Organic	Benzo(g,h,i)perylene	n/a	=	86	%	EPA 625	-88	-88	0.1	219	
2017/18-PRE	Lab	LCS dup	8/18/2017	Organic	Benzo(g,h,i)perylene	n/a	=	21.9	µg/L	EPA 625	0.1	2			
2017/18-PRE	Lab	LCS dup, rec	8/18/2017	Organic	Benzo(g,h,i)perylene	n/a	=	88	%	EPA 625	-88	-88	0.1	219	
2017/18-PRE	Lab	LCS, RPD	8/18/2017	Organic	Benzo(g,h,i)perylene	n/a	=	1	%	EPA 625	-88	-88	0	30	
2017/18-PRE	Tubing Blank	equip blank	8/18/2017	Organic	Benzo(g,h,i)perylene	n/a	<	0.1	µg/L	EPA 625	0.1	2			
2017/18-PRE	Carboy Blank	equip blank	8/18/2017	Organic	Benzo(k)fluoranthene	n/a	<	0.22	µg/L	EPA 625	0.22	1			
2017/18-PRE	Lab	method blank	8/18/2017	Organic	Benzo(k)fluoranthene	n/a	<	0.22	µg/L	EPA 625	0.22	1			
2017/18-PRE	Lab	LCS	8/18/2017	Organic	Benzo(k)fluoranthene	n/a	=	25.6	µg/L	EPA 625	0.22	1			
2017/18-PRE	Lab	LCS, rec	8/18/2017	Organic	Benzo(k)fluoranthene	n/a	=	103	%	EPA 625	-88	-88	11	162	
2017/18-PRE	Lab	LCS dup	8/18/2017	Organic	Benzo(k)fluoranthene	n/a	=	22.4	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	
2017/18-PRE	Lab	LCS dup, rec	8/18/2017	Organic	Benzo(k)fluoranthene	n/a	=	90	%	EPA 625	-88	-88	11	162	
2017/18-PRE	Lab	LCS, RPD	8/18/2017	Organic	Benzo(k)fluoranthene	n/a	=	13	%	EPA 625	-88	-88	0	30	
2017/18-PRE	Tubing Blank	equip blank	8/18/2017	Organic	Benzo(k)fluoranthene	n/a	<	0.22	µg/L	EPA 625	0.22	1			
2017/18-PRE	Carboy Blank	equip blank	8/18/2017	Organic	Bis(2-chloroethoxy)methane	n/a	<	0.25	µg/L	EPA 625	0.25	1			
2017/18-PRE	Lab	method blank	8/18/2017	Organic	Bis(2-chloroethoxy)methane	n/a	<	0.25	µg/L	EPA 625	0.25	1			
2017/18-PRE	Lab	LCS	8/18/2017	Organic	Bis(2-chloroethoxy)methane	n/a	=	19.2	µg/L	EPA 625	0.25	1			
2017/18-PRE	Lab	LCS, rec	8/18/2017	Organic	Bis(2-chloroethoxy)methane	n/a	=	77	%	EPA 625	-88	-88	33	184	
2017/18-PRE	Lab	LCS dup	8/18/2017	Organic	Bis(2-chloroethoxy)methane	n/a	=	18	µg/L	EPA 625	0.25	1			
2017/18-PRE	Lab	LCS dup, rec	8/18/2017	Organic	Bis(2-chloroethoxy)methane	n/a	=	72	%	EPA 625	-88	-88	33	184	
2017/18-PRE	Lab	LCS, RPD	8/18/2017	Organic	Bis(2-chloroethoxy)methane	n/a	=	6	%	EPA 625	-88	-88	0	30	
2017/18-PRE	Tubing Blank	equip blank	8/18/2017	Organic	Bis(2-chloroethoxy)methane	n/a	<	0.25	µg/L	EPA 625	0.25	1			
2017/18-PRE	Carboy Blank	equip blank	8/18/2017	Organic	Bis(2-chloroethyl)ether	n/a	<	0.27	µg/L	EPA 625	0.27	1			
2017/18-PRE	Lab	method blank	8/18/2017	Organic	Bis(2-chloroethyl)ether	n/a	<	0.27	µg/L	EPA 625	0.27	1			
2017/18-PRE	Lab	LCS	8/18/2017	Organic	Bis(2-chloroethyl)ether	n/a	=	17.1	µg/L	EPA 625	0.27	1			
2017/18-PRE	Lab	LCS, rec	8/18/2017	Organic	Bis(2-chloroethyl)ether	n/a	=	68	%	EPA 625	-88	-88	12	158	
2017/18-PRE	Lab	LCS dup	8/18/2017	Organic	Bis(2-chloroethyl)ether	n/a	=	16	µg/L	EPA 625	0.27	1			
2017/18-PRE	Lab	LCS dup, rec	8/18/2017	Organic	Bis(2-chloroethyl)ether	n/a	=	64	%	EPA 625	-88	-88	12	158	
2017/18-PRE	Lab	LCS, RPD	8/18/2017	Organic	Bis(2-chloroethyl)ether	n/a	=	7	%	EPA 625	-88	-88	0	30	
2017/18-PRE	Tubing Blank	equip blank	8/18/2017	Organic	Bis(2-chloroethyl)ether	n/a	<	0.27	µg/L	EPA 625	0.27	1			
2017/18-PRE	Carboy Blank	equip blank	8/18/2017	Organic	Bis(2-chloroisopropyl)ether	n/a	<	0.38	µg/L	EPA 625	0.38	1			
2017/18-PRE	Lab	method blank	8/18/2017	Organic	Bis(2-chloroisopropyl)ether	n/a	<	0.38	µg/L	EPA 625	0.38	1			
2017/18-PRE	Lab	LCS	8/18/2017	Organic	Bis(2-chloroisopropyl)ether	n/a	=	19.8	µg/L	EPA 625	0.38	1			
2017/18-PRE	Lab	LCS, rec	8/18/2017	Organic	Bis(2-chloroisopropyl)ether	n/a	=	79	%	EPA 625	-88	-88	36	166	
2017/18-PRE	Lab	LCS dup	8/18/2017	Organic	Bis(2-chloroisopropyl)ether	n/a	=	18.5	µg/L	EPA 625	0.38	1			
2017/18-PRE	Lab	LCS dup, rec	8/18/2017	Organic	Bis(2-chloroisopropyl)ether	n/a	=	74	%	EPA 625	-88	-88	36	166	
2017/18-PRE	Lab	LCS, RPD	8/18/2017	Organic	Bis(2-chloroisopropyl)ether	n/a	=	7	%	EPA 625	-88	-88	0	30	
2017/18-PRE	Tubing Blank	equip blank	8/18/2017	Organic	Bis(2-chloroisopropyl)ether	n/a	<	0.38	µg/L	EPA 625	0.38	1			
2017/18-PRE	Carboy Blank	equip blank	9/4/2017	Organic	Bis(2-ethylhexyl)adipate	n/a	<	0.1	µg/L	EPA 525.2	0.1	5			
2017/18-PRE	Lab	method blank	9/3/2017	Organic	Bis(2-ethylhexyl)adipate	n/a	<	0.1	µg/L	EPA 525.2	0.1	5			
2017/18-PRE	Lab	LCS	9/3/2017	Organic	Bis(2-ethylhexyl)adipate	n/a	=	5.63	µg/L	EPA 525.2	0.1	5			
2017/18-PRE	Lab	LCS, rec	9/3/2017	Organic	Bis(2-ethylhexyl)adipate	n/a	=	113	%	EPA 525.2	-88	-88	71	158	
2017/18-PRE	Lab	LCS dup	9/3/2017	Organic	Bis(2-ethylhexyl)adipate	n/a	=	5.72	µg/L	EPA 525.2	0.1	5			
2017/18-PRE	Lab	LCS dup, rec	9/3/2017	Organic	Bis(2-ethylhexyl)adipate	n/a	=	114	%	EPA 525.2	-88	-88	71	158	
2017/18-PRE	Lab	LCS, RPD	9/3/2017	Organic	Bis(2-ethylhexyl)adipate	n/a	=	2	%	EPA 525.2	-88	-88	0	30	
2017/18-PRE	Tubing Blank	equip blank	9/3/2017	Organic	Bis(2-ethylhexyl)adipate	n/a	<	0.1	µg/L	EPA 525.2	0.1	5			
2017/18-PRE	Carboy Blank	equip blank	8/18/2017	Organic	Bis(2-ethylhexyl)phthalate	n/a	=	8.6	µg/L	EPA 625	2.3	5			
2017/18-PRE	Carboy Blank	equip blank	9/4/2017	Organic	Bis(2-ethylhexyl)phthalate	n/a	<	1.1	µg/L	EPA 525.2	1.1	3			
2017/18-PRE	Lab	method blank	8/18/2017	Organic	Bis(2-ethylhexyl)phthalate	n/a	<	2.3	µg/L	EPA 625	2.3	5			
2017/18-PRE	Lab	LCS	8/18/2017	Organic	Bis(2-ethylhexyl)phthalate	n/a	=	24.7	µg/L	EPA 625	2.3	5			
2017/18-PRE	Lab	LCS, rec	8/18/2017	Organic	Bis(2-ethylhexyl)phthalate	n/a	=	99	%	EPA 625	-88	-88	8	158	
2017/18-PRE	Lab	LCS dup	8/18/2017	Organic	Bis(2-ethylhexyl)phthalate	n/a	=	22.5	µg/L	EPA 625	2.3	5			
2017/18-PRE	Lab	LCS dup, rec	8/18/2017	Organic	Bis(2-ethylhexyl)phthalate	n/a	=	90	%	EPA 625	-88	-88	8	158	
2017/18-PRE	Lab	LCS, RPD	8/18/2017	Organic	Bis(2-ethylhexyl)phthalate	n/a	=	9	%	EPA 625	-88	-88	0	30	
2017/18-PRE	Lab	method blank	9/3/2017	Organic	Bis(2-ethylhexyl)phthalate	n/a	<	1.1	µg/L	EPA 525.2	1.1	3			
2017/18-PRE	Lab	LCS	9/3/2017	Organic	Bis(2-ethylhexyl)phthalate	n/a	=	5.86	µg/L	EPA 525.2	1.1	3			
2017/18-PRE	Lab	LCS, rec	9/3/2017	Organic	Bis(2-ethylhexyl)phthalate	n/a	=	117	%	EPA 525.2	-88	-88	68	154	
2017/18-PRE	Lab	LCS dup	9/3/2017	Organic	Bis(2-ethylhexyl)phthalate	n/a	=	5.94	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	
2017/18-PRE	Lab	LCS dup, rec	9/3/2017	Organic	Bis(2-ethylhexyl)phthalate	n/a	=	119	%	EPA 525.2	-88	-88	68	154	
2017/18-PRE	Lab	LCS, RPD	9/3/2017	Organic	Bis(2-ethylhexyl)phthalate	n/a	=	1	%	EPA 525.2	-88	-88	0	30	
2017/18-PRE	Tubing Blank	equip blank	8/18/2017	Organic	Bis(2-ethylhexyl)phthalate	n/a	<	2.3	µg/L	EPA 625	2.3	5			
2017/18-PRE	Tubing Blank	equip blank	9/3/2017	Organic	Bis(2-ethylhexyl)phthalate	n/a	<	1.1	µg/L	EPA 525.2	1.1	3			
2017/18-PRE	Carboy Blank	equip blank	8/18/2017	Organic	Butyl benzyl phthalate	n/a	DNQ	0.42	µg/L	EPA 625	0.18	1			IP,UL-MB
2017/18-PRE	Lab	method blank	8/18/2017	Organic	Butyl benzyl phthalate	n/a	DNQ	0.267	µg/L	EPA 625	0.18	1			IP
2017/18-PRE	Lab	LCS	8/18/2017	Organic	Butyl benzyl phthalate	n/a	=	24.2	µg/L	EPA 625	0.18	1			
2017/18-PRE	Lab	LCS, rec	8/18/2017	Organic	Butyl benzyl phthalate	n/a	=	97	%	EPA 625	-88	-88	0.1	152	
2017/18-PRE	Lab	LCS dup	8/18/2017	Organic	Butyl benzyl phthalate	n/a	=	22.5	µg/L	EPA 625	0.18	1			
2017/18-PRE	Lab	LCS dup, rec	8/18/2017	Organic	Butyl benzyl phthalate	n/a	=	90	%	EPA 625	-88	-88	0.1	152	
2017/18-PRE	Lab	LCS, RPD	8/18/2017	Organic	Butyl benzyl phthalate	n/a	=	7	%	EPA 625	-88	-88	0	30	
2017/18-PRE	Tubing Blank	equip blank	8/18/2017	Organic	Butyl benzyl phthalate	n/a	<	0.18	µg/L	EPA 625	0.18	1			
2017/18-PRE	Carboy Blank	equip blank	8/18/2017	Organic	Chrysene	n/a	<	0.19	µg/L	EPA 625	0.19	1			
2017/18-PRE	Lab	method blank	8/18/2017	Organic	Chrysene	n/a	<	0.19	µg/L	EPA 625	0.19	1			
2017/18-PRE	Lab	LCS	8/18/2017	Organic	Chrysene	n/a	=	24.6	µg/L	EPA 625	0.19	1			
2017/18-PRE	Lab	LCS, rec	8/18/2017	Organic	Chrysene	n/a	=	98	%	EPA 625	-88	-88	17	168	
2017/18-PRE	Lab	LCS dup	8/18/2017	Organic	Chrysene	n/a	=	23.3	µg/L	EPA 625	0.19	1			
2017/18-PRE	Lab	LCS dup, rec	8/18/2017	Organic	Chrysene	n/a	=	93	%	EPA 625	-88	-88	17	168	
2017/18-PRE	Lab	LCS, RPD	8/18/2017	Organic	Chrysene	n/a	=	5	%	EPA 625	-88	-88	0	30	
2017/18-PRE	Tubing Blank	equip blank	8/18/2017	Organic	Chrysene	n/a	<	0.19	µg/L	EPA 625	0.19	1			
2017/18-PRE	Carboy Blank	equip blank	8/18/2017	Organic	Dibenz(a,h)anthracene	n/a	<	0.08	µg/L	EPA 625	0.08	2			
2017/18-PRE	Lab	method blank	8/18/2017	Organic	Dibenz(a,h)anthracene	n/a	<	0.08	µg/L	EPA 625	0.08	2			
2017/18-PRE	Lab	LCS	8/18/2017	Organic	Dibenz(a,h)anthracene	n/a	=	22.8	µg/L	EPA 625	0.08	2			
2017/18-PRE	Lab	LCS, rec	8/18/2017	Organic	Dibenz(a,h)anthracene	n/a	=	91	%	EPA 625	-88	-88	0.1	227	
2017/18-PRE	Lab	LCS dup	8/18/2017	Organic	Dibenz(a,h)anthracene	n/a	=	23.7	µg/L	EPA 625	0.08	2			
2017/18-PRE	Lab	LCS dup, rec	8/18/2017	Organic	Dibenz(a,h)anthracene	n/a	=	95	%	EPA 625	-88	-88	0.1	227	
2017/18-PRE	Lab	LCS, RPD	8/18/2017	Organic	Dibenz(a,h)anthracene	n/a	=	4	%	EPA 625	-88	-88	0	30	
2017/18-PRE	Tubing Blank	equip blank	8/18/2017	Organic	Dibenz(a,h)anthracene	n/a	<	0.08	µg/L	EPA 625	0.08	2			
2017/18-PRE	Carboy Blank	equip blank	8/18/2017	Organic	Diethyl phthalate	n/a	<	0.15	µg/L	EPA 625	0.15	1			
2017/18-PRE	Lab	method blank	8/18/2017	Organic	Diethyl phthalate	n/a	<	0.15	µg/L	EPA 625	0.15	1			
2017/18-PRE	Lab	LCS	8/18/2017	Organic	Diethyl phthalate	n/a	=	20.7	µg/L	EPA 625	0.15	1			
2017/18-PRE	Lab	LCS, rec	8/18/2017	Organic	Diethyl phthalate	n/a	=	83	%	EPA 625	-88	-88	0.1	114	
2017/18-PRE	Lab	LCS dup	8/18/2017	Organic	Diethyl phthalate	n/a	=	20.6	µg/L	EPA 625	0.15	1			
2017/18-PRE	Lab	LCS dup, rec	8/18/2017	Organic	Diethyl phthalate	n/a	=	82	%	EPA 625	-88	-88	0.1	114	
2017/18-PRE	Lab	LCS, RPD	8/18/2017	Organic	Diethyl phthalate	n/a	=	0.7	%	EPA 625	-88	-88	0	30	
2017/18-PRE	Tubing Blank	equip blank	8/18/2017	Organic	Diethyl phthalate	n/a	DNQ	0.74	µg/L	EPA 625	0.15	1			
2017/18-PRE	Carboy Blank	equip blank	8/18/2017	Organic	Dimethyl phthalate	n/a	<	0.18	µg/L	EPA 625	0.18	1			
2017/18-PRE	Lab	method blank	8/18/2017	Organic	Dimethyl phthalate	n/a	<	0.18	µg/L	EPA 625	0.18	1			
2017/18-PRE	Lab	LCS	8/18/2017	Organic	Dimethyl phthalate	n/a	=	19.9	µg/L	EPA 625	0.18	1			
2017/18-PRE	Lab	LCS, rec	8/18/2017	Organic	Dimethyl phthalate	n/a	=	79	%	EPA 625	-88	-88	0.1	112	
2017/18-PRE	Lab	LCS dup	8/18/2017	Organic	Dimethyl phthalate	n/a	=	19.9	µg/L	EPA 625	0.18	1			
2017/18-PRE	Lab	LCS dup, rec	8/18/2017	Organic	Dimethyl phthalate	n/a	=	80	%	EPA 625	-88	-88	0.1	112	
2017/18-PRE	Lab	LCS, RPD	8/18/2017	Organic	Dimethyl phthalate	n/a	=	0.3	%	EPA 625	-88	-88	0	30	
2017/18-PRE	Tubing Blank	equip blank	8/18/2017	Organic	Dimethyl phthalate	n/a	<	0.18	µg/L	EPA 625	0.18	1			
2017/18-PRE	Carboy Blank	equip blank	8/18/2017	Organic	Di-n-butylphthalate	n/a	<	0.24	µg/L	EPA 625	0.24	1			
2017/18-PRE	Lab	method blank	8/18/2017	Organic	Di-n-butylphthalate	n/a	<	0.24	µg/L	EPA 625	0.24	1			
2017/18-PRE	Lab	LCS	8/18/2017	Organic	Di-n-butylphthalate	n/a	=	26.3	µg/L	EPA 625	0.24	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	
2017/18-PRE	Lab	LCS, rec	8/18/2017	Organic	Di-n-butylphthalate	n/a	=	105	%	EPA 625	-88	-88	1	118	
2017/18-PRE	Lab	LCS dup	8/18/2017	Organic	Di-n-butylphthalate	n/a	=	28.2	µg/L	EPA 625	0.24	1			
2017/18-PRE	Lab	LCS dup, rec	8/18/2017	Organic	Di-n-butylphthalate	n/a	=	113	%	EPA 625	-88	-88	1	118	
2017/18-PRE	Lab	LCS, RPD	8/18/2017	Organic	Di-n-butylphthalate	n/a	=	7	%	EPA 625	-88	-88	0	30	
2017/18-PRE	Tubing Blank	equip blank	8/18/2017	Organic	Di-n-butylphthalate	n/a	<	0.24	µg/L	EPA 625	0.24	1			
2017/18-PRE	Carboy Blank	equip blank	8/18/2017	Organic	Di-n-octylphthalate	n/a	<	0.19	µg/L	EPA 625	0.19	1			
2017/18-PRE	Lab	method blank	8/18/2017	Organic	Di-n-octylphthalate	n/a	<	0.19	µg/L	EPA 625	0.19	1			
2017/18-PRE	Lab	LCS	8/18/2017	Organic	Di-n-octylphthalate	n/a	=	26.9	µg/L	EPA 625	0.19	1			
2017/18-PRE	Lab	LCS, rec	8/18/2017	Organic	Di-n-octylphthalate	n/a	=	107	%	EPA 625	-88	-88	4	146	
2017/18-PRE	Lab	LCS dup	8/18/2017	Organic	Di-n-octylphthalate	n/a	=	25.5	µg/L	EPA 625	0.19	1			
2017/18-PRE	Lab	LCS dup, rec	8/18/2017	Organic	Di-n-octylphthalate	n/a	=	102	%	EPA 625	-88	-88	4	146	
2017/18-PRE	Lab	LCS, RPD	8/18/2017	Organic	Di-n-octylphthalate	n/a	=	5	%	EPA 625	-88	-88	0	30	
2017/18-PRE	Tubing Blank	equip blank	8/18/2017	Organic	Di-n-octylphthalate	n/a	<	0.19	µg/L	EPA 625	0.19	1			
2017/18-PRE	Carboy Blank	equip blank	8/18/2017	Organic	Fluoranthene	n/a	<	0.22	µg/L	EPA 625	0.22	1			
2017/18-PRE	Lab	method blank	8/18/2017	Organic	Fluoranthene	n/a	<	0.22	µg/L	EPA 625	0.22	1			
2017/18-PRE	Lab	LCS	8/18/2017	Organic	Fluoranthene	n/a	=	21.9	µg/L	EPA 625	0.22	1			
2017/18-PRE	Lab	LCS, rec	8/18/2017	Organic	Fluoranthene	n/a	=	87	%	EPA 625	-88	-88	26	137	
2017/18-PRE	Lab	LCS dup	8/18/2017	Organic	Fluoranthene	n/a	=	20.6	µg/L	EPA 625	0.22	1			
2017/18-PRE	Lab	LCS dup, rec	8/18/2017	Organic	Fluoranthene	n/a	=	82	%	EPA 625	-88	-88	26	137	
2017/18-PRE	Lab	LCS, RPD	8/18/2017	Organic	Fluoranthene	n/a	=	6	%	EPA 625	-88	-88	0	30	
2017/18-PRE	Tubing Blank	equip blank	8/18/2017	Organic	Fluoranthene	n/a	<	0.22	µg/L	EPA 625	0.22	1			
2017/18-PRE	Carboy Blank	equip blank	8/18/2017	Organic	Fluorene	n/a	<	0.35	µg/L	EPA 625	0.35	1			
2017/18-PRE	Lab	method blank	8/18/2017	Organic	Fluorene	n/a	<	0.35	µg/L	EPA 625	0.35	1			
2017/18-PRE	Lab	LCS	8/18/2017	Organic	Fluorene	n/a	=	19.9	µg/L	EPA 625	0.35	1			
2017/18-PRE	Lab	LCS, rec	8/18/2017	Organic	Fluorene	n/a	=	79	%	EPA 625	-88	-88	59	121	
2017/18-PRE	Lab	LCS dup	8/18/2017	Organic	Fluorene	n/a	=	19.2	µg/L	EPA 625	0.35	1			
2017/18-PRE	Lab	LCS dup, rec	8/18/2017	Organic	Fluorene	n/a	=	77	%	EPA 625	-88	-88	59	121	
2017/18-PRE	Lab	LCS, RPD	8/18/2017	Organic	Fluorene	n/a	=	4	%	EPA 625	-88	-88	0	30	
2017/18-PRE	Tubing Blank	equip blank	8/18/2017	Organic	Fluorene	n/a	<	0.35	µg/L	EPA 625	0.35	1			
2017/18-PRE	Carboy Blank	equip blank	8/18/2017	Organic	Hexachlorobenzene	n/a	<	0.49	µg/L	EPA 625	0.49	1			
2017/18-PRE	Lab	method blank	8/18/2017	Organic	Hexachlorobenzene	n/a	<	0.49	µg/L	EPA 625	0.49	1			
2017/18-PRE	Lab	LCS	8/18/2017	Organic	Hexachlorobenzene	n/a	=	17.4	µg/L	EPA 625	0.49	1			
2017/18-PRE	Lab	LCS, rec	8/18/2017	Organic	Hexachlorobenzene	n/a	=	70	%	EPA 625	-88	-88	0.1	152	
2017/18-PRE	Lab	LCS dup	8/18/2017	Organic	Hexachlorobenzene	n/a	=	17.2	µg/L	EPA 625	0.49	1			
2017/18-PRE	Lab	LCS dup, rec	8/18/2017	Organic	Hexachlorobenzene	n/a	=	69	%	EPA 625	-88	-88	0.1	152	
2017/18-PRE	Lab	LCS, RPD	8/18/2017	Organic	Hexachlorobenzene	n/a	=	2	%	EPA 625	-88	-88	0	30	
2017/18-PRE	Tubing Blank	equip blank	8/18/2017	Organic	Hexachlorobenzene	n/a	<	0.49	µg/L	EPA 625	0.49	1			
2017/18-PRE	Carboy Blank	equip blank	8/18/2017	Organic	Hexachlorobutadiene	n/a	<	0.47	µg/L	EPA 625	0.47	1			
2017/18-PRE	Lab	method blank	8/18/2017	Organic	Hexachlorobutadiene	n/a	<	0.47	µg/L	EPA 625	0.47	1			
2017/18-PRE	Lab	LCS	8/18/2017	Organic	Hexachlorobutadiene	n/a	=	16.5	µg/L	EPA 625	0.47	1			
2017/18-PRE	Lab	LCS, rec	8/18/2017	Organic	Hexachlorobutadiene	n/a	=	66	%	EPA 625	-88	-88	24	116	
2017/18-PRE	Lab	LCS dup	8/18/2017	Organic	Hexachlorobutadiene	n/a	=	15.4	µg/L	EPA 625	0.47	1			
2017/18-PRE	Lab	LCS dup, rec	8/18/2017	Organic	Hexachlorobutadiene	n/a	=	62	%	EPA 625	-88	-88	24	116	
2017/18-PRE	Lab	LCS, RPD	8/18/2017	Organic	Hexachlorobutadiene	n/a	=	7	%	EPA 625	-88	-88	0	30	
2017/18-PRE	Tubing Blank	equip blank	8/18/2017	Organic	Hexachlorobutadiene	n/a	<	0.47	µg/L	EPA 625	0.47	1			
2017/18-PRE	Carboy Blank	equip blank	8/18/2017	Organic	Hexachlorocyclopentadiene	n/a	<	1.5	µg/L	EPA 625	1.5	5			
2017/18-PRE	Lab	method blank	8/18/2017	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	
2017/18-PRE	Lab	LCS	8/18/2017	Organic	Hexachlorocyclopentadiene	n/a	=	9.56	µg/L	EPA 625	1.5	5			
2017/18-PRE	Lab	LCS, rec	8/18/2017	Organic	Hexachlorocyclopentadiene	n/a	=	38	%	EPA 625	-88	-88	0.1	81	
2017/18-PRE	Lab	LCS dup	8/18/2017	Organic	Hexachlorocyclopentadiene	n/a	=	8.4	µg/L	EPA 625	1.5	5			
2017/18-PRE	Lab	LCS dup, rec	8/18/2017	Organic	Hexachlorocyclopentadiene	n/a	=	34	%	EPA 625	-88	-88	0.1	81	
2017/18-PRE	Lab	LCS, RPD	8/18/2017	Organic	Hexachlorocyclopentadiene	n/a	=	13	%	EPA 625	-88	-88	0	30	
2017/18-PRE	Tubing Blank	equip blank	8/18/2017	Organic	Hexachlorocyclopentadiene	n/a	<	1.5	µg/L	EPA 625	1.5	5			
2017/18-PRE	Carboy Blank	equip blank	8/18/2017	Organic	Hexachloroethane	n/a	<	0.52	µg/L	EPA 625	0.52	1			
2017/18-PRE	Lab	method blank	8/18/2017	Organic	Hexachloroethane	n/a	<	0.52	µg/L	EPA 625	0.52	1			
2017/18-PRE	Lab	LCS	8/18/2017	Organic	Hexachloroethane	n/a	=	18.8	µg/L	EPA 625	0.52	1			
2017/18-PRE	Lab	LCS, rec	8/18/2017	Organic	Hexachloroethane	n/a	=	75	%	EPA 625	-88	-88	40	113	
2017/18-PRE	Lab	LCS dup	8/18/2017	Organic	Hexachloroethane	n/a	=	17.1	µg/L	EPA 625	0.52	1			
2017/18-PRE	Lab	LCS dup, rec	8/18/2017	Organic	Hexachloroethane	n/a	=	68	%	EPA 625	-88	-88	40	113	
2017/18-PRE	Lab	LCS, RPD	8/18/2017	Organic	Hexachloroethane	n/a	=	9	%	EPA 625	-88	-88	0	30	
2017/18-PRE	Tubing Blank	equip blank	8/18/2017	Organic	Hexachloroethane	n/a	<	0.52	µg/L	EPA 625	0.52	1			
2017/18-PRE	Carboy Blank	equip blank	8/18/2017	Organic	Indeno(1,2,3-cd)pyrene	n/a	<	0.12	µg/L	EPA 625	0.12	2			
2017/18-PRE	Lab	method blank	8/18/2017	Organic	Indeno(1,2,3-cd)pyrene	n/a	<	0.12	µg/L	EPA 625	0.12	2			
2017/18-PRE	Lab	LCS	8/18/2017	Organic	Indeno(1,2,3-cd)pyrene	n/a	=	23.2	µg/L	EPA 625	0.12	2			
2017/18-PRE	Lab	LCS, rec	8/18/2017	Organic	Indeno(1,2,3-cd)pyrene	n/a	=	93	%	EPA 625	-88	-88	0.1	171	
2017/18-PRE	Lab	LCS dup	8/18/2017	Organic	Indeno(1,2,3-cd)pyrene	n/a	=	23.9	µg/L	EPA 625	0.12	2			
2017/18-PRE	Lab	LCS dup, rec	8/18/2017	Organic	Indeno(1,2,3-cd)pyrene	n/a	=	95	%	EPA 625	-88	-88	0.1	171	
2017/18-PRE	Lab	LCS, RPD	8/18/2017	Organic	Indeno(1,2,3-cd)pyrene	n/a	=	3	%	EPA 625	-88	-88	0	30	
2017/18-PRE	Tubing Blank	equip blank	8/18/2017	Organic	Indeno(1,2,3-cd)pyrene	n/a	<	0.12	µg/L	EPA 625	0.12	2			
2017/18-PRE	Carboy Blank	equip blank	8/18/2017	Organic	Isophorone	n/a	<	0.21	µg/L	EPA 625	0.21	1			
2017/18-PRE	Lab	method blank	8/18/2017	Organic	Isophorone	n/a	<	0.21	µg/L	EPA 625	0.21	1			
2017/18-PRE	Lab	LCS	8/18/2017	Organic	Isophorone	n/a	=	21.4	µg/L	EPA 625	0.21	1			
2017/18-PRE	Lab	LCS, rec	8/18/2017	Organic	Isophorone	n/a	=	86	%	EPA 625	-88	-88	21	196	
2017/18-PRE	Lab	LCS dup	8/18/2017	Organic	Isophorone	n/a	=	19.9	µg/L	EPA 625	0.21	1			
2017/18-PRE	Lab	LCS dup, rec	8/18/2017	Organic	Isophorone	n/a	=	79	%	EPA 625	-88	-88	21	196	
2017/18-PRE	Lab	LCS, RPD	8/18/2017	Organic	Isophorone	n/a	=	8	%	EPA 625	-88	-88	0	30	
2017/18-PRE	Tubing Blank	equip blank	8/18/2017	Organic	Isophorone	n/a	<	0.21	µg/L	EPA 625	0.21	1			
2017/18-PRE	Carboy Blank	equip blank	8/18/2017	Organic	Naphthalene	n/a	<	0.49	µg/L	EPA 625	0.49	1			
2017/18-PRE	Lab	method blank	8/18/2017	Organic	Naphthalene	n/a	<	0.49	µg/L	EPA 625	0.49	1			
2017/18-PRE	Lab	LCS	8/18/2017	Organic	Naphthalene	n/a	=	18.1	µg/L	EPA 625	0.49	1			
2017/18-PRE	Lab	LCS, rec	8/18/2017	Organic	Naphthalene	n/a	=	72	%	EPA 625	-88	-88	21	133	
2017/18-PRE	Lab	LCS dup	8/18/2017	Organic	Naphthalene	n/a	=	17.5	µg/L	EPA 625	0.49	1			
2017/18-PRE	Lab	LCS dup, rec	8/18/2017	Organic	Naphthalene	n/a	=	70	%	EPA 625	-88	-88	21	133	
2017/18-PRE	Lab	LCS, RPD	8/18/2017	Organic	Naphthalene	n/a	=	4	%	EPA 625	-88	-88	0	30	
2017/18-PRE	Tubing Blank	equip blank	8/18/2017	Organic	Naphthalene	n/a	<	0.49	µg/L	EPA 625	0.49	1			
2017/18-PRE	Carboy Blank	equip blank	8/18/2017	Organic	Nitrobenzene	n/a	<	0.36	µg/L	EPA 625	0.36	1			
2017/18-PRE	Lab	method blank	8/18/2017	Organic	Nitrobenzene	n/a	<	0.36	µg/L	EPA 625	0.36	1			
2017/18-PRE	Lab	LCS	8/18/2017	Organic	Nitrobenzene	n/a	=	19.5	µg/L	EPA 625	0.36	1			
2017/18-PRE	Lab	LCS, rec	8/18/2017	Organic	Nitrobenzene	n/a	=	78	%	EPA 625	-88	-88	35	180	
2017/18-PRE	Lab	LCS dup	8/18/2017	Organic	Nitrobenzene	n/a	=	17.7	µg/L	EPA 625	0.36	1			
2017/18-PRE	Lab	LCS dup, rec	8/18/2017	Organic	Nitrobenzene	n/a	=	71	%	EPA 625	-88	-88	35	180	
2017/18-PRE	Lab	LCS, RPD	8/18/2017	Organic	Nitrobenzene	n/a	=	10	%	EPA 625	-88	-88	0	30	
2017/18-PRE	Tubing Blank	equip blank	8/18/2017	Organic	Nitrobenzene	n/a	<	0.36	µg/L	EPA 625	0.36	1			
2017/18-PRE	Carboy Blank	srgt equip blank	8/18/2017	Organic	Nitrobenzene-d5	n/a	=	15.4	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	
2017/18-PRE	Carboy Blank	srgt equip blank, rec	8/18/2017	Organic	Nitrobenzene-d5	n/a	=	62	%	EPA 625	-88	-88	27	111	
2017/18-PRE	Lab	srgt method blank	8/18/2017	Organic	Nitrobenzene-d5	n/a	=	13.7	µg/L	EPA 625	-88	-88			
2017/18-PRE	Lab	srgt method blank, rec	8/18/2017	Organic	Nitrobenzene-d5	n/a	=	55	%	EPA 625	-88	-88	27	111	
2017/18-PRE	Lab	srgt LCS	8/18/2017	Organic	Nitrobenzene-d5	n/a	=	17	µg/L	EPA 625	-88	-88			
2017/18-PRE	Lab	srgt LCS, rec	8/18/2017	Organic	Nitrobenzene-d5	n/a	=	68	%	EPA 625	-88	-88	27	111	
2017/18-PRE	Lab	srgt LCS dup	8/18/2017	Organic	Nitrobenzene-d5	n/a	=	16.1	µg/L	EPA 625	-88	-88			
2017/18-PRE	Lab	srgt LCS dup, rec	8/18/2017	Organic	Nitrobenzene-d5	n/a	=	64	%	EPA 625	-88	-88	27	111	
2017/18-PRE	Tubing Blank	srgt equip blank	8/18/2017	Organic	Nitrobenzene-d5	n/a	=	14	µg/L	EPA 625	-88	-88			
2017/18-PRE	Tubing Blank	srgt equip blank, rec	8/18/2017	Organic	Nitrobenzene-d5	n/a	=	56	%	EPA 625	-88	-88	27	111	
2017/18-PRE	Carboy Blank	equip blank	8/18/2017	Organic	N-Nitrosodimethylamine	n/a	<	0.14	µg/L	EPA 625	0.14	1			
2017/18-PRE	Lab	method blank	8/18/2017	Organic	N-Nitrosodimethylamine	n/a	<	0.14	µg/L	EPA 625	0.14	1			
2017/18-PRE	Lab	LCS	8/18/2017	Organic	N-Nitrosodimethylamine	n/a	=	12.4	µg/L	EPA 625	0.14	1			
2017/18-PRE	Lab	LCS, rec	8/18/2017	Organic	N-Nitrosodimethylamine	n/a	=	50	%	EPA 625	-88	-88	28	75	
2017/18-PRE	Lab	LCS dup	8/18/2017	Organic	N-Nitrosodimethylamine	n/a	=	11.4	µg/L	EPA 625	0.14	1			
2017/18-PRE	Lab	LCS dup, rec	8/18/2017	Organic	N-Nitrosodimethylamine	n/a	=	46	%	EPA 625	-88	-88	28	75	
2017/18-PRE	Lab	LCS, RPD	8/18/2017	Organic	N-Nitrosodimethylamine	n/a	=	8	%	EPA 625	-88	-88	0	30	
2017/18-PRE	Tubing Blank	equip blank	8/18/2017	Organic	N-Nitrosodimethylamine	n/a	<	0.14	µg/L	EPA 625	0.14	1			
2017/18-PRE	Carboy Blank	equip blank	8/18/2017	Organic	N-Nitrosodi-N-propylamine	n/a	<	0.26	µg/L	EPA 625	0.26	1			
2017/18-PRE	Lab	method blank	8/18/2017	Organic	N-Nitrosodi-N-propylamine	n/a	<	0.26	µg/L	EPA 625	0.26	1			
2017/18-PRE	Lab	LCS	8/18/2017	Organic	N-Nitrosodi-N-propylamine	n/a	=	7.15	µg/L	EPA 625	0.26	1			
2017/18-PRE	Lab	LCS, rec	8/18/2017	Organic	N-Nitrosodi-N-propylamine	n/a	=	29	%	EPA 625	-88	-88	0.1	230	
2017/18-PRE	Lab	LCS dup	8/18/2017	Organic	N-Nitrosodi-N-propylamine	n/a	=	5.98	µg/L	EPA 625	0.26	1			
2017/18-PRE	Lab	LCS dup, rec	8/18/2017	Organic	N-Nitrosodi-N-propylamine	n/a	=	24	%	EPA 625	-88	-88	0.1	230	
2017/18-PRE	Lab	LCS, RPD	8/18/2017	Organic	N-Nitrosodi-N-propylamine	n/a	=	18	%	EPA 625	-88	-88	0	30	
2017/18-PRE	Tubing Blank	equip blank	8/18/2017	Organic	N-Nitrosodi-N-propylamine	n/a	<	0.26	µg/L	EPA 625	0.26	1			
2017/18-PRE	Carboy Blank	equip blank	8/18/2017	Organic	N-Nitrosodiphenylamine	n/a	<	0.19	µg/L	EPA 625	0.19	1			
2017/18-PRE	Lab	method blank	8/18/2017	Organic	N-Nitrosodiphenylamine	n/a	<	0.19	µg/L	EPA 625	0.19	1			
2017/18-PRE	Lab	LCS	8/18/2017	Organic	N-Nitrosodiphenylamine	n/a	=	17.9	µg/L	EPA 625	0.19	1			
2017/18-PRE	Lab	LCS, rec	8/18/2017	Organic	N-Nitrosodiphenylamine	n/a	=	71	%	EPA 625	-88	-88	42	90	
2017/18-PRE	Lab	LCS dup	8/18/2017	Organic	N-Nitrosodiphenylamine	n/a	=	17.8	µg/L	EPA 625	0.19	1			
2017/18-PRE	Lab	LCS dup, rec	8/18/2017	Organic	N-Nitrosodiphenylamine	n/a	=	71	%	EPA 625	-88	-88	42	90	
2017/18-PRE	Lab	LCS, RPD	8/18/2017	Organic	N-Nitrosodiphenylamine	n/a	=	0.2	%	EPA 625	-88	-88	0	30	
2017/18-PRE	Tubing Blank	equip blank	8/18/2017	Organic	N-Nitrosodiphenylamine	n/a	<	0.19	µg/L	EPA 625	0.19	1			
2017/18-PRE	Carboy Blank	srgt equip blank	9/4/2017	Organic	Perylene-d12	n/a	=	4.27	µg/L	EPA 525.2	-88	-88			
2017/18-PRE	Carboy Blank	srgt equip blank, rec	9/4/2017	Organic	Perylene-d12	n/a	=	85	%	EPA 525.2	-88	-88	50	120	
2017/18-PRE	Lab	srgt method blank	9/3/2017	Organic	Perylene-d12	n/a	=	4.85	µg/L	EPA 525.2	-88	-88			
2017/18-PRE	Lab	srgt method blank, rec	9/3/2017	Organic	Perylene-d12	n/a	=	97	%	EPA 525.2	-88	-88	50	120	
2017/18-PRE	Lab	srgt LCS	9/3/2017	Organic	Perylene-d12	n/a	=	4.99	µg/L	EPA 525.2	-88	-88			
2017/18-PRE	Lab	srgt LCS, rec	9/3/2017	Organic	Perylene-d12	n/a	=	100	%	EPA 525.2	-88	-88	50	120	
2017/18-PRE	Lab	srgt LCS dup	9/3/2017	Organic	Perylene-d12	n/a	=	4.83	µg/L	EPA 525.2	-88	-88			
2017/18-PRE	Lab	srgt LCS dup, rec	9/3/2017	Organic	Perylene-d12	n/a	=	97	%	EPA 525.2	-88	-88	50	120	
2017/18-PRE	Tubing Blank	srgt equip blank	9/3/2017	Organic	Perylene-d12	n/a	=	4.15	µg/L	EPA 525.2	-88	-88			
2017/18-PRE	Tubing Blank	srgt equip blank, rec	9/3/2017	Organic	Perylene-d12	n/a	=	83	%	EPA 525.2	-88	-88	50	120	
2017/18-PRE	Carboy Blank	equip blank	8/18/2017	Organic	Phenanthrene	n/a	<	0.32	µg/L	EPA 625	0.32	1			
2017/18-PRE	Lab	method blank	8/18/2017	Organic	Phenanthrene	n/a	<	0.32	µg/L	EPA 625	0.32	1			
2017/18-PRE	Lab	LCS	8/18/2017	Organic	Phenanthrene	n/a	=	21.1	µg/L	EPA 625	0.32	1			
2017/18-PRE	Lab	LCS, rec	8/18/2017	Organic	Phenanthrene	n/a	=	85	%	EPA 625	-88	-88	54	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	
2017/18-PRE	Lab	LCS dup	8/18/2017	Organic	Phenanthrene	n/a	=	20.5	µg/L	EPA 625	0.32	1			
2017/18-PRE	Lab	LCS dup, rec	8/18/2017	Organic	Phenanthrene	n/a	=	82	%	EPA 625	-88	-88	54	120	
2017/18-PRE	Lab	LCS, RPD	8/18/2017	Organic	Phenanthrene	n/a	=	3	%	EPA 625	-88	-88	0	30	
2017/18-PRE	Tubing Blank	equip blank	8/18/2017	Organic	Phenanthrene	n/a	<	0.32	µg/L	EPA 625	0.32	1			
2017/18-PRE	Carboy Blank	equip blank	8/18/2017	Organic	Phenol	n/a	<	0.16	µg/L	EPA 625	0.16	1			
2017/18-PRE	Lab	method blank	8/18/2017	Organic	Phenol	n/a	<	0.16	µg/L	EPA 625	0.16	1			
2017/18-PRE	Lab	LCS	8/18/2017	Organic	Phenol	n/a	=	7.72	µg/L	EPA 625	0.16	1			
2017/18-PRE	Lab	LCS, rec	8/18/2017	Organic	Phenol	n/a	=	31	%	EPA 625	-88	-88	5	112	
2017/18-PRE	Lab	LCS dup	8/18/2017	Organic	Phenol	n/a	=	7.35	µg/L	EPA 625	0.16	1			
2017/18-PRE	Lab	LCS dup, rec	8/18/2017	Organic	Phenol	n/a	=	29	%	EPA 625	-88	-88	5	112	
2017/18-PRE	Lab	LCS, RPD	8/18/2017	Organic	Phenol	n/a	=	5	%	EPA 625	-88	-88	0	30	
2017/18-PRE	Tubing Blank	equip blank	8/18/2017	Organic	Phenol	n/a	<	0.16	µg/L	EPA 625	0.16	1			
2017/18-PRE	Carboy Blank	srgt equip blank	8/18/2017	Organic	Phenol-d5	n/a	=	14	µg/L	EPA 625	-88	-88			
2017/18-PRE	Carboy Blank	srgt equip blank, rec	8/18/2017	Organic	Phenol-d5	n/a	=	28	%	EPA 625	-88	-88	0.1	53	
2017/18-PRE	Lab	srgt method blank	8/18/2017	Organic	Phenol-d5	n/a	=	13.7	µg/L	EPA 625	-88	-88			
2017/18-PRE	Lab	srgt method blank, rec	8/18/2017	Organic	Phenol-d5	n/a	=	27	%	EPA 625	-88	-88	0.1	53	
2017/18-PRE	Lab	srgt LCS	8/18/2017	Organic	Phenol-d5	n/a	=	15.8	µg/L	EPA 625	-88	-88			
2017/18-PRE	Lab	srgt LCS, rec	8/18/2017	Organic	Phenol-d5	n/a	=	32	%	EPA 625	-88	-88	0.1	53	
2017/18-PRE	Lab	srgt LCS dup	8/18/2017	Organic	Phenol-d5	n/a	=	14.6	µg/L	EPA 625	-88	-88			
2017/18-PRE	Lab	srgt LCS dup, rec	8/18/2017	Organic	Phenol-d5	n/a	=	29	%	EPA 625	-88	-88	0.1	53	
2017/18-PRE	Tubing Blank	srgt equip blank	8/18/2017	Organic	Phenol-d5	n/a	=	12.9	µg/L	EPA 625	-88	-88			
2017/18-PRE	Tubing Blank	srgt equip blank, rec	8/18/2017	Organic	Phenol-d5	n/a	=	26	%	EPA 625	-88	-88	0.1	53	
2017/18-PRE	Carboy Blank	srgt equip blank	8/18/2017	Organic	p-Terphenyl-d14	n/a	=	17.1	µg/L	EPA 625	-88	-88			
2017/18-PRE	Carboy Blank	srgt equip blank, rec	8/18/2017	Organic	p-Terphenyl-d14	n/a	=	68	%	EPA 625	-88	-88	28	113	
2017/18-PRE	Lab	srgt method blank	8/18/2017	Organic	p-Terphenyl-d14	n/a	=	16.4	µg/L	EPA 625	-88	-88			
2017/18-PRE	Lab	srgt method blank, rec	8/18/2017	Organic	p-Terphenyl-d14	n/a	=	66	%	EPA 625	-88	-88	28	113	
2017/18-PRE	Lab	srgt LCS	8/18/2017	Organic	p-Terphenyl-d14	n/a	=	18.5	µg/L	EPA 625	-88	-88			
2017/18-PRE	Lab	srgt LCS, rec	8/18/2017	Organic	p-Terphenyl-d14	n/a	=	74	%	EPA 625	-88	-88	28	113	
2017/18-PRE	Lab	srgt LCS dup	8/18/2017	Organic	p-Terphenyl-d14	n/a	=	17.2	µg/L	EPA 625	-88	-88			
2017/18-PRE	Lab	srgt LCS dup, rec	8/18/2017	Organic	p-Terphenyl-d14	n/a	=	69	%	EPA 625	-88	-88	28	113	
2017/18-PRE	Tubing Blank	srgt equip blank	8/18/2017	Organic	p-Terphenyl-d14	n/a	=	15.7	µg/L	EPA 625	-88	-88			
2017/18-PRE	Tubing Blank	srgt equip blank, rec	8/18/2017	Organic	p-Terphenyl-d14	n/a	=	63	%	EPA 625	-88	-88	28	113	
2017/18-PRE	Carboy Blank	equip blank	8/18/2017	Organic	Pyrene	n/a	<	0.25	µg/L	EPA 625	0.25	1			
2017/18-PRE	Lab	method blank	8/18/2017	Organic	Pyrene	n/a	<	0.25	µg/L	EPA 625	0.25	1			
2017/18-PRE	Lab	LCS	8/18/2017	Organic	Pyrene	n/a	=	21.1	µg/L	EPA 625	0.25	1			
2017/18-PRE	Lab	LCS, rec	8/18/2017	Organic	Pyrene	n/a	=	84	%	EPA 625	-88	-88	52	115	
2017/18-PRE	Lab	LCS dup	8/18/2017	Organic	Pyrene	n/a	=	20.4	µg/L	EPA 625	0.25	1			
2017/18-PRE	Lab	LCS dup, rec	8/18/2017	Organic	Pyrene	n/a	=	82	%	EPA 625	-88	-88	52	115	
2017/18-PRE	Lab	LCS, RPD	8/18/2017	Organic	Pyrene	n/a	=	4	%	EPA 625	-88	-88	0	30	
2017/18-PRE	Tubing Blank	equip blank	8/18/2017	Organic	Pyrene	n/a	<	0.25	µg/L	EPA 625	0.25	1			
2017/18-PRE	Carboy Blank	srgt equip blank	9/4/2017	Organic	Triphenylphosphate	n/a	=	5.54	µg/L	EPA 525.2	-88	-88			
2017/18-PRE	Carboy Blank	srgt equip blank, rec	9/4/2017	Organic	Triphenylphosphate	n/a	=	111	%	EPA 525.2	-88	-88	70	130	
2017/18-PRE	Lab	srgt method blank	9/3/2017	Organic	Triphenylphosphate	n/a	=	6.24	µg/L	EPA 525.2	-88	-88			
2017/18-PRE	Lab	srgt method blank, rec	9/3/2017	Organic	Triphenylphosphate	n/a	=	125	%	EPA 525.2	-88	-88	70	130	
2017/18-PRE	Lab	srgt LCS	9/3/2017	Organic	Triphenylphosphate	n/a	=	6.81	µg/L	EPA 525.2	-88	-88			GN
2017/18-PRE	Lab	srgt LCS, rec	9/3/2017	Organic	Triphenylphosphate	n/a	=	136	%	EPA 525.2	-88	-88	70	130	GN
2017/18-PRE	Lab	srgt LCS dup	9/3/2017	Organic	Triphenylphosphate	n/a	=	6.18	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	
2017/18-PRE	Lab	srgt LCS dup, rec	9/3/2017	Organic	Triphenylphosphate	n/a	=	124	%	EPA 525.2	-88	-88	70	130	
2017/18-PRE	Tubing Blank	srgt equip blank	9/3/2017	Organic	Triphenylphosphate	n/a	=	5.42	µg/L	EPA 525.2	-88	-88			
2017/18-PRE	Tubing Blank	srgt equip blank, rec	9/3/2017	Organic	Triphenylphosphate	n/a	=	108	%	EPA 525.2	-88	-88	70	130	
2017/18-PRE	Carboy Blank	equip blank	9/4/2017	Pesticide	Alachlor	n/a	<	0.022	µg/L	EPA 525.2	0.022	0.1			
2017/18-PRE	Lab	method blank	9/3/2017	Pesticide	Alachlor	n/a	<	0.022	µg/L	EPA 525.2	0.022	0.1			
2017/18-PRE	Lab	LCS	9/3/2017	Pesticide	Alachlor	n/a	=	5.28	µg/L	EPA 525.2	0.022	0.1			
2017/18-PRE	Lab	LCS, rec	9/3/2017	Pesticide	Alachlor	n/a	=	106	%	EPA 525.2	-88	-88	55	124	
2017/18-PRE	Lab	LCS dup	9/3/2017	Pesticide	Alachlor	n/a	=	5.17	µg/L	EPA 525.2	0.022	0.1			
2017/18-PRE	Lab	LCS dup, rec	9/3/2017	Pesticide	Alachlor	n/a	=	103	%	EPA 525.2	-88	-88	55	124	
2017/18-PRE	Lab	LCS, RPD	9/3/2017	Pesticide	Alachlor	n/a	=	2	%	EPA 525.2	-88	-88	0	30	
2017/18-PRE	Tubing Blank	equip blank	9/3/2017	Pesticide	Alachlor	n/a	<	0.022	µg/L	EPA 525.2	0.022	0.1			
2017/18-PRE	Lab	method blank	9/3/2017	Pesticide	Aldrin	n/a	<	0.05	µg/L	EPA 525.2	0.05	0.05			
2017/18-PRE	Carboy Blank	equip blank	9/4/2017	Pesticide	Atrazine	n/a	<	0.034	µg/L	EPA 525.2	0.034	0.1			
2017/18-PRE	Lab	method blank	9/3/2017	Pesticide	Atrazine	n/a	<	0.034	µg/L	EPA 525.2	0.034	0.1			
2017/18-PRE	Lab	LCS	9/3/2017	Pesticide	Atrazine	n/a	=	5.53	µg/L	EPA 525.2	0.034	0.1			
2017/18-PRE	Lab	LCS, rec	9/3/2017	Pesticide	Atrazine	n/a	=	111	%	EPA 525.2	-88	-88	67	131	
2017/18-PRE	Lab	LCS dup	9/3/2017	Pesticide	Atrazine	n/a	=	5.11	µg/L	EPA 525.2	0.034	0.1			
2017/18-PRE	Lab	LCS dup, rec	9/3/2017	Pesticide	Atrazine	n/a	=	102	%	EPA 525.2	-88	-88	67	131	
2017/18-PRE	Lab	LCS, RPD	9/3/2017	Pesticide	Atrazine	n/a	=	8	%	EPA 525.2	-88	-88	0	30	
2017/18-PRE	Tubing Blank	equip blank	9/3/2017	Pesticide	Atrazine	n/a	<	0.034	µg/L	EPA 525.2	0.034	0.1			
2017/18-PRE	Carboy Blank	equip blank	9/4/2017	Pesticide	Bromacil	n/a	<	0.038	µg/L	EPA 525.2	0.038	0.5			
2017/18-PRE	Lab	method blank	9/3/2017	Pesticide	Bromacil	n/a	<	0.038	µg/L	EPA 525.2	0.038	0.5			
2017/18-PRE	Lab	LCS	9/3/2017	Pesticide	Bromacil	n/a	=	4.97	µg/L	EPA 525.2	0.038	0.5			
2017/18-PRE	Lab	LCS, rec	9/3/2017	Pesticide	Bromacil	n/a	=	99	%	EPA 525.2	-88	-88	62	139	
2017/18-PRE	Lab	LCS dup	9/3/2017	Pesticide	Bromacil	n/a	=	4.96	µg/L	EPA 525.2	0.038	0.5			
2017/18-PRE	Lab	LCS dup, rec	9/3/2017	Pesticide	Bromacil	n/a	=	99	%	EPA 525.2	-88	-88	62	139	
2017/18-PRE	Lab	LCS, RPD	9/3/2017	Pesticide	Bromacil	n/a	=	0.3	%	EPA 525.2	-88	-88	0	30	
2017/18-PRE	Tubing Blank	equip blank	9/3/2017	Pesticide	Bromacil	n/a	<	0.038	µg/L	EPA 525.2	0.038	0.5			
2017/18-PRE	Carboy Blank	equip blank	9/4/2017	Pesticide	Butachlor	n/a	<	0.017	µg/L	EPA 525.2	0.017	0.1			
2017/18-PRE	Lab	method blank	9/3/2017	Pesticide	Butachlor	n/a	<	0.017	µg/L	EPA 525.2	0.017	0.1			
2017/18-PRE	Lab	LCS	9/3/2017	Pesticide	Butachlor	n/a	=	5.67	µg/L	EPA 525.2	0.017	0.1			
2017/18-PRE	Lab	LCS, rec	9/3/2017	Pesticide	Butachlor	n/a	=	113	%	EPA 525.2	-88	-88	61	127	
2017/18-PRE	Lab	LCS dup	9/3/2017	Pesticide	Butachlor	n/a	=	5.29	µg/L	EPA 525.2	0.017	0.1			
2017/18-PRE	Lab	LCS dup, rec	9/3/2017	Pesticide	Butachlor	n/a	=	106	%	EPA 525.2	-88	-88	61	127	
2017/18-PRE	Lab	LCS, RPD	9/3/2017	Pesticide	Butachlor	n/a	=	7	%	EPA 525.2	-88	-88	0	30	
2017/18-PRE	Tubing Blank	equip blank	9/3/2017	Pesticide	Butachlor	n/a	<	0.017	µg/L	EPA 525.2	0.017	0.1			
2017/18-PRE	Carboy Blank	equip blank	9/4/2017	Pesticide	Captan	n/a	<	0.86	µg/L	EPA 525.2	0.86	1			
2017/18-PRE	Lab	method blank	9/3/2017	Pesticide	Captan	n/a	<	0.86	µg/L	EPA 525.2	0.86	1			
2017/18-PRE	Lab	LCS	9/3/2017	Pesticide	Captan	n/a	=	5.45	µg/L	EPA 525.2	0.86	1			
2017/18-PRE	Lab	LCS, rec	9/3/2017	Pesticide	Captan	n/a	=	109	%	EPA 525.2	-88	-88	14	159	
2017/18-PRE	Lab	LCS dup	9/3/2017	Pesticide	Captan	n/a	=	5.37	µg/L	EPA 525.2	0.86	1			
2017/18-PRE	Lab	LCS dup, rec	9/3/2017	Pesticide	Captan	n/a	=	107	%	EPA 525.2	-88	-88	14	159	
2017/18-PRE	Lab	LCS, RPD	9/3/2017	Pesticide	Captan	n/a	=	2	%	EPA 525.2	-88	-88	0	30	
2017/18-PRE	Tubing Blank	equip blank	9/3/2017	Pesticide	Captan	n/a	<	0.86	µg/L	EPA 525.2	0.86	1			
2017/18-PRE	Carboy Blank	equip blank	9/4/2017	Pesticide	Chloropropham	n/a	<	0.01	µg/L	EPA 525.2	0.01	0.1			
2017/18-PRE	Lab	method blank	9/3/2017	Pesticide	Chloropropham	n/a	<	0.01	µg/L	EPA 525.2	0.01	0.1			
2017/18-PRE	Lab	LCS	9/3/2017	Pesticide	Chloropropham	n/a	=	5.64	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	
2017/18-PRE	Lab	LCS, rec	9/3/2017	Pesticide	Chloropropham	n/a	=	113	%	EPA 525.2	-88	-88	77	143	
2017/18-PRE	Lab	LCS dup	9/3/2017	Pesticide	Chloropropham	n/a	=	5.45	µg/L	EPA 525.2	0.01	0.1			
2017/18-PRE	Lab	LCS dup, rec	9/3/2017	Pesticide	Chloropropham	n/a	=	109	%	EPA 525.2	-88	-88	77	143	
2017/18-PRE	Lab	LCS, RPD	9/3/2017	Pesticide	Chloropropham	n/a	=	4	%	EPA 525.2	-88	-88	0	30	
2017/18-PRE	Tubing Blank	equip blank	9/3/2017	Pesticide	Chloropropham	n/a	<	0.01	µg/L	EPA 525.2	0.01	0.1			
2017/18-PRE	Carboy Blank	equip blank	9/4/2017	Pesticide	Cyanazine	n/a	<	0.024	µg/L	EPA 525.2	0.024	0.1			
2017/18-PRE	Lab	method blank	9/3/2017	Pesticide	Cyanazine	n/a	<	0.024	µg/L	EPA 525.2	0.024	0.1			
2017/18-PRE	Lab	LCS	9/3/2017	Pesticide	Cyanazine	n/a	=	4.53	µg/L	EPA 525.2	0.024	0.1			
2017/18-PRE	Lab	LCS, rec	9/3/2017	Pesticide	Cyanazine	n/a	=	91	%	EPA 525.2	-88	-88	61	129	
2017/18-PRE	Lab	LCS dup	9/3/2017	Pesticide	Cyanazine	n/a	=	4.37	µg/L	EPA 525.2	0.024	0.1			
2017/18-PRE	Lab	LCS dup, rec	9/3/2017	Pesticide	Cyanazine	n/a	=	87	%	EPA 525.2	-88	-88	61	129	
2017/18-PRE	Lab	LCS, RPD	9/3/2017	Pesticide	Cyanazine	n/a	=	4	%	EPA 525.2	-88	-88	0	30	
2017/18-PRE	Tubing Blank	equip blank	9/3/2017	Pesticide	Cyanazine	n/a	<	0.024	µg/L	EPA 525.2	0.024	0.1			
2017/18-PRE	Carboy Blank	equip blank	9/4/2017	Pesticide	Diazinon	n/a	<	0.096	µg/L	EPA 525.2	0.096	0.1			
2017/18-PRE	Lab	method blank	9/3/2017	Pesticide	Diazinon	n/a	<	0.096	µg/L	EPA 525.2	0.096	0.1			
2017/18-PRE	Lab	LCS	9/3/2017	Pesticide	Diazinon	n/a	=	3.11	µg/L	EPA 525.2	0.096	0.1			
2017/18-PRE	Lab	LCS, rec	9/3/2017	Pesticide	Diazinon	n/a	=	62	%	EPA 525.2	-88	-88	30	120	
2017/18-PRE	Lab	LCS dup	9/3/2017	Pesticide	Diazinon	n/a	=	3.58	µg/L	EPA 525.2	0.096	0.1			
2017/18-PRE	Lab	LCS dup, rec	9/3/2017	Pesticide	Diazinon	n/a	=	72	%	EPA 525.2	-88	-88	30	120	
2017/18-PRE	Lab	LCS, RPD	9/3/2017	Pesticide	Diazinon	n/a	=	14	%	EPA 525.2	-88	-88	0	30	
2017/18-PRE	Tubing Blank	equip blank	9/3/2017	Pesticide	Diazinon	n/a	<	0.096	µg/L	EPA 525.2	0.096	0.1			
2017/18-PRE	Carboy Blank	equip blank	9/4/2017	Pesticide	Dimethoate	n/a	<	0.024	µg/L	EPA 525.2	0.024	0.2			
2017/18-PRE	Lab	method blank	9/3/2017	Pesticide	Dimethoate	n/a	<	0.024	µg/L	EPA 525.2	0.024	0.2			
2017/18-PRE	Lab	LCS	9/3/2017	Pesticide	Dimethoate	n/a	=	4.4	µg/L	EPA 525.2	0.024	0.2			
2017/18-PRE	Lab	LCS, rec	9/3/2017	Pesticide	Dimethoate	n/a	=	88	%	EPA 525.2	-88	-88	38	102	
2017/18-PRE	Lab	LCS dup	9/3/2017	Pesticide	Dimethoate	n/a	=	3.96	µg/L	EPA 525.2	0.024	0.2			
2017/18-PRE	Lab	LCS dup, rec	9/3/2017	Pesticide	Dimethoate	n/a	=	79	%	EPA 525.2	-88	-88	38	102	
2017/18-PRE	Lab	LCS, RPD	9/3/2017	Pesticide	Dimethoate	n/a	=	11	%	EPA 525.2	-88	-88	0	30	
2017/18-PRE	Tubing Blank	equip blank	9/3/2017	Pesticide	Dimethoate	n/a	<	0.024	µg/L	EPA 525.2	0.024	0.2			
2017/18-PRE	Carboy Blank	equip blank	9/4/2017	Pesticide	Diphenamid	n/a	<	0.024	µg/L	EPA 525.2	0.024	0.1			
2017/18-PRE	Lab	method blank	9/3/2017	Pesticide	Diphenamid	n/a	<	0.024	µg/L	EPA 525.2	0.024	0.1			
2017/18-PRE	Lab	LCS	9/3/2017	Pesticide	Diphenamid	n/a	=	6.08	µg/L	EPA 525.2	0.024	0.1			
2017/18-PRE	Lab	LCS, rec	9/3/2017	Pesticide	Diphenamid	n/a	=	122	%	EPA 525.2	-88	-88	77	124	
2017/18-PRE	Lab	LCS dup	9/3/2017	Pesticide	Diphenamid	n/a	=	5.76	µg/L	EPA 525.2	0.024	0.1			
2017/18-PRE	Lab	LCS dup, rec	9/3/2017	Pesticide	Diphenamid	n/a	=	115	%	EPA 525.2	-88	-88	77	124	
2017/18-PRE	Lab	LCS, RPD	9/3/2017	Pesticide	Diphenamid	n/a	=	5	%	EPA 525.2	-88	-88	0	30	
2017/18-PRE	Tubing Blank	equip blank	9/3/2017	Pesticide	Diphenamid	n/a	<	0.024	µg/L	EPA 525.2	0.024	0.1			
2017/18-PRE	Carboy Blank	equip blank	9/4/2017	Pesticide	Disulfoton	n/a	<	0.031	µg/L	EPA 525.2	0.031	0.1			
2017/18-PRE	Lab	method blank	9/3/2017	Pesticide	Disulfoton	n/a	<	0.031	µg/L	EPA 525.2	0.031	0.1			
2017/18-PRE	Lab	LCS	9/3/2017	Pesticide	Disulfoton	n/a	=	4.42	µg/L	EPA 525.2	0.031	0.1			
2017/18-PRE	Lab	LCS, rec	9/3/2017	Pesticide	Disulfoton	n/a	=	88	%	EPA 525.2	-88	-88	54	156	
2017/18-PRE	Lab	LCS dup	9/3/2017	Pesticide	Disulfoton	n/a	=	3.63	µg/L	EPA 525.2	0.031	0.1			
2017/18-PRE	Lab	LCS dup, rec	9/3/2017	Pesticide	Disulfoton	n/a	=	73	%	EPA 525.2	-88	-88	54	156	
2017/18-PRE	Lab	LCS, RPD	9/3/2017	Pesticide	Disulfoton	n/a	=	20	%	EPA 525.2	-88	-88	0	30	
2017/18-PRE	Tubing Blank	equip blank	9/3/2017	Pesticide	Disulfoton	n/a	<	0.031	µg/L	EPA 525.2	0.031	0.1			
2017/18-PRE	Carboy Blank	equip blank	9/4/2017	Pesticide	EPTC	n/a	<	0.017	µg/L	EPA 525.2	0.017	0.1			
2017/18-PRE	Lab	method blank	9/3/2017	Pesticide	EPTC	n/a	<	0.017	µg/L	EPA 525.2	0.017	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	
2017/18-PRE	Lab	LCS	9/3/2017	Pesticide	EPTC	n/a	=	6.19	µg/L	EPA 525.2	0.017	0.1			
2017/18-PRE	Lab	LCS, rec	9/3/2017	Pesticide	EPTC	n/a	=	124	%	EPA 525.2	-88	-88	70	130	
2017/18-PRE	Lab	LCS dup	9/3/2017	Pesticide	EPTC	n/a	=	5.96	µg/L	EPA 525.2	0.017	0.1			
2017/18-PRE	Lab	LCS dup, rec	9/3/2017	Pesticide	EPTC	n/a	=	119	%	EPA 525.2	-88	-88	70	130	
2017/18-PRE	Lab	LCS, RPD	9/3/2017	Pesticide	EPTC	n/a	=	4	%	EPA 525.2	-88	-88	0	30	
2017/18-PRE	Tubing Blank	equip blank	9/3/2017	Pesticide	EPTC	n/a	<	0.017	µg/L	EPA 525.2	0.017	0.1			
2017/18-PRE	Carboy Blank	equip blank	9/4/2017	Pesticide	Metolachlor	n/a	<	0.012	µg/L	EPA 525.2	0.012	0.1			
2017/18-PRE	Lab	method blank	9/3/2017	Pesticide	Metolachlor	n/a	<	0.012	µg/L	EPA 525.2	0.012	0.1			
2017/18-PRE	Lab	LCS	9/3/2017	Pesticide	Metolachlor	n/a	=	5.36	µg/L	EPA 525.2	0.012	0.1			
2017/18-PRE	Lab	LCS, rec	9/3/2017	Pesticide	Metolachlor	n/a	=	107	%	EPA 525.2	-88	-88	61	123	
2017/18-PRE	Lab	LCS dup	9/3/2017	Pesticide	Metolachlor	n/a	=	5.18	µg/L	EPA 525.2	0.012	0.1			
2017/18-PRE	Lab	LCS dup, rec	9/3/2017	Pesticide	Metolachlor	n/a	=	104	%	EPA 525.2	-88	-88	61	123	
2017/18-PRE	Lab	LCS, RPD	9/3/2017	Pesticide	Metolachlor	n/a	=	3	%	EPA 525.2	-88	-88	0	30	
2017/18-PRE	Tubing Blank	equip blank	9/3/2017	Pesticide	Metolachlor	n/a	<	0.012	µg/L	EPA 525.2	0.012	0.1			
2017/18-PRE	Carboy Blank	equip blank	9/4/2017	Pesticide	Metribuzin	n/a	<	0.015	µg/L	EPA 525.2	0.015	0.1			
2017/18-PRE	Lab	method blank	9/3/2017	Pesticide	Metribuzin	n/a	<	0.015	µg/L	EPA 525.2	0.015	0.1			
2017/18-PRE	Lab	LCS	9/3/2017	Pesticide	Metribuzin	n/a	=	4.8	µg/L	EPA 525.2	0.015	0.1			
2017/18-PRE	Lab	LCS, rec	9/3/2017	Pesticide	Metribuzin	n/a	=	96	%	EPA 525.2	-88	-88	50	121	
2017/18-PRE	Lab	LCS dup	9/3/2017	Pesticide	Metribuzin	n/a	=	4.89	µg/L	EPA 525.2	0.015	0.1			
2017/18-PRE	Lab	LCS dup, rec	9/3/2017	Pesticide	Metribuzin	n/a	=	98	%	EPA 525.2	-88	-88	50	121	
2017/18-PRE	Lab	LCS, RPD	9/3/2017	Pesticide	Metribuzin	n/a	=	2	%	EPA 525.2	-88	-88	0	30	
2017/18-PRE	Tubing Blank	equip blank	9/3/2017	Pesticide	Metribuzin	n/a	<	0.015	µg/L	EPA 525.2	0.015	0.1			
2017/18-PRE	Carboy Blank	equip blank	9/4/2017	Pesticide	Molinate	n/a	<	0.039	µg/L	EPA 525.2	0.039	0.1			
2017/18-PRE	Lab	method blank	9/3/2017	Pesticide	Molinate	n/a	<	0.039	µg/L	EPA 525.2	0.039	0.1			
2017/18-PRE	Lab	LCS	9/3/2017	Pesticide	Molinate	n/a	=	5.49	µg/L	EPA 525.2	0.039	0.1			
2017/18-PRE	Lab	LCS, rec	9/3/2017	Pesticide	Molinate	n/a	=	110	%	EPA 525.2	-88	-88	82	117	
2017/18-PRE	Lab	LCS dup	9/3/2017	Pesticide	Molinate	n/a	=	5.47	µg/L	EPA 525.2	0.039	0.1			
2017/18-PRE	Lab	LCS dup, rec	9/3/2017	Pesticide	Molinate	n/a	=	109	%	EPA 525.2	-88	-88	82	117	
2017/18-PRE	Lab	LCS, RPD	9/3/2017	Pesticide	Molinate	n/a	=	0.3	%	EPA 525.2	-88	-88	0	30	
2017/18-PRE	Tubing Blank	equip blank	9/3/2017	Pesticide	Molinate	n/a	<	0.039	µg/L	EPA 525.2	0.039	0.1			
2017/18-PRE	Carboy Blank	equip blank	8/18/2017	Pesticide	Pentachlorophenol	n/a	<	0.19	µg/L	EPA 625	0.19	1			
2017/18-PRE	Lab	method blank	8/18/2017	Pesticide	Pentachlorophenol	n/a	<	0.19	µg/L	EPA 625	0.19	1			
2017/18-PRE	Lab	LCS	8/18/2017	Pesticide	Pentachlorophenol	n/a	=	22.6	µg/L	EPA 625	0.19	1			
2017/18-PRE	Lab	LCS, rec	8/18/2017	Pesticide	Pentachlorophenol	n/a	=	90	%	EPA 625	-88	-88	14	176	
2017/18-PRE	Lab	LCS dup	8/18/2017	Pesticide	Pentachlorophenol	n/a	=	21.7	µg/L	EPA 625	0.19	1			
2017/18-PRE	Lab	LCS dup, rec	8/18/2017	Pesticide	Pentachlorophenol	n/a	=	87	%	EPA 625	-88	-88	14	176	
2017/18-PRE	Lab	LCS, RPD	8/18/2017	Pesticide	Pentachlorophenol	n/a	=	4	%	EPA 625	-88	-88	0	30	
2017/18-PRE	Tubing Blank	equip blank	8/18/2017	Pesticide	Pentachlorophenol	n/a	<	0.19	µg/L	EPA 625	0.19	1			
2017/18-PRE	Carboy Blank	equip blank	9/4/2017	Pesticide	Prometon	n/a	<	0.024	µg/L	EPA 525.2	0.024	0.1			
2017/18-PRE	Lab	method blank	9/3/2017	Pesticide	Prometon	n/a	<	0.024	µg/L	EPA 525.2	0.024	0.1			
2017/18-PRE	Lab	LCS	9/3/2017	Pesticide	Prometon	n/a	=	2.04	µg/L	EPA 525.2	0.024	0.1			
2017/18-PRE	Lab	LCS, rec	9/3/2017	Pesticide	Prometon	n/a	=	41	%	EPA 525.2	-88	-88	17	101	
2017/18-PRE	Lab	LCS dup	9/3/2017	Pesticide	Prometon	n/a	=	2.2	µg/L	EPA 525.2	0.024	0.1			
2017/18-PRE	Lab	LCS dup, rec	9/3/2017	Pesticide	Prometon	n/a	=	44	%	EPA 525.2	-88	-88	17	101	
2017/18-PRE	Lab	LCS, RPD	9/3/2017	Pesticide	Prometon	n/a	=	7	%	EPA 525.2	-88	-88	0	30	
2017/18-PRE	Tubing Blank	equip blank	9/3/2017	Pesticide	Prometon	n/a	<	0.024	µg/L	EPA 525.2	0.024	0.1			
2017/18-PRE	Carboy Blank	equip blank	9/4/2017	Pesticide	Prometryn	n/a	<	0.036	µg/L	EPA 525.2	0.036	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	
2017/18-PRE	Lab	method blank	9/3/2017	Pesticide	Prometryn	n/a	<	0.036	µg/L	EPA 525.2	0.036	0.1			
2017/18-PRE	Lab	LCS	9/3/2017	Pesticide	Prometryn	n/a	=	4.73	µg/L	EPA 525.2	0.036	0.1			
2017/18-PRE	Lab	LCS, rec	9/3/2017	Pesticide	Prometryn	n/a	=	95	%	EPA 525.2	-88	-88	57	122	
2017/18-PRE	Lab	LCS dup	9/3/2017	Pesticide	Prometryn	n/a	=	4.36	µg/L	EPA 525.2	0.036	0.1			
2017/18-PRE	Lab	LCS dup, rec	9/3/2017	Pesticide	Prometryn	n/a	=	87	%	EPA 525.2	-88	-88	57	122	
2017/18-PRE	Lab	LCS, RPD	9/3/2017	Pesticide	Prometryn	n/a	=	8	%	EPA 525.2	-88	-88	0	30	
2017/18-PRE	Tubing Blank	equip blank	9/3/2017	Pesticide	Prometryn	n/a	<	0.036	µg/L	EPA 525.2	0.036	0.1			
2017/18-PRE	Carboy Blank	equip blank	9/4/2017	Pesticide	Simazine	n/a	<	0.015	µg/L	EPA 525.2	0.015	0.1			
2017/18-PRE	Lab	method blank	9/3/2017	Pesticide	Simazine	n/a	<	0.015	µg/L	EPA 525.2	0.015	0.1			
2017/18-PRE	Lab	LCS	9/3/2017	Pesticide	Simazine	n/a	=	4.63	µg/L	EPA 525.2	0.015	0.1			
2017/18-PRE	Lab	LCS, rec	9/3/2017	Pesticide	Simazine	n/a	=	93	%	EPA 525.2	-88	-88	53	116	
2017/18-PRE	Lab	LCS dup	9/3/2017	Pesticide	Simazine	n/a	=	4.58	µg/L	EPA 525.2	0.015	0.1			
2017/18-PRE	Lab	LCS dup, rec	9/3/2017	Pesticide	Simazine	n/a	=	92	%	EPA 525.2	-88	-88	53	116	
2017/18-PRE	Lab	LCS, RPD	9/3/2017	Pesticide	Simazine	n/a	=	1	%	EPA 525.2	-88	-88	0	30	
2017/18-PRE	Tubing Blank	equip blank	9/3/2017	Pesticide	Simazine	n/a	<	0.015	µg/L	EPA 525.2	0.015	0.1			
2017/18-PRE	Carboy Blank	equip blank	9/4/2017	Pesticide	Terbacil	n/a	<	0.55	µg/L	EPA 525.2	0.55	2			
2017/18-PRE	Lab	method blank	9/3/2017	Pesticide	Terbacil	n/a	<	0.55	µg/L	EPA 525.2	0.55	2			
2017/18-PRE	Lab	LCS	9/3/2017	Pesticide	Terbacil	n/a	=	6.06	µg/L	EPA 525.2	0.55	2			
2017/18-PRE	Lab	LCS, rec	9/3/2017	Pesticide	Terbacil	n/a	=	121	%	EPA 525.2	-88	-88	70	135	
2017/18-PRE	Lab	LCS dup	9/3/2017	Pesticide	Terbacil	n/a	=	5.77	µg/L	EPA 525.2	0.55	2			
2017/18-PRE	Lab	LCS dup, rec	9/3/2017	Pesticide	Terbacil	n/a	=	115	%	EPA 525.2	-88	-88	70	135	
2017/18-PRE	Lab	LCS, RPD	9/3/2017	Pesticide	Terbacil	n/a	=	5	%	EPA 525.2	-88	-88	0	30	
2017/18-PRE	Tubing Blank	equip blank	9/3/2017	Pesticide	Terbacil	n/a	<	0.55	µg/L	EPA 525.2	0.55	2			
2017/18-PRE	Carboy Blank	equip blank	9/4/2017	Pesticide	Thiobencarb	n/a	<	0.025	µg/L	EPA 525.2	0.025	0.1			
2017/18-PRE	Lab	method blank	9/3/2017	Pesticide	Thiobencarb	n/a	<	0.025	µg/L	EPA 525.2	0.025	0.1			
2017/18-PRE	Lab	LCS	9/3/2017	Pesticide	Thiobencarb	n/a	=	4.91	µg/L	EPA 525.2	0.025	0.1			
2017/18-PRE	Lab	LCS, rec	9/3/2017	Pesticide	Thiobencarb	n/a	=	98	%	EPA 525.2	-88	-88	56	125	
2017/18-PRE	Lab	LCS dup	9/3/2017	Pesticide	Thiobencarb	n/a	=	4.79	µg/L	EPA 525.2	0.025	0.1			
2017/18-PRE	Lab	LCS dup, rec	9/3/2017	Pesticide	Thiobencarb	n/a	=	96	%	EPA 525.2	-88	-88	56	125	
2017/18-PRE	Lab	LCS, RPD	9/3/2017	Pesticide	Thiobencarb	n/a	=	2	%	EPA 525.2	-88	-88	0	30	
2017/18-PRE	Tubing Blank	equip blank	9/3/2017	Pesticide	Thiobencarb	n/a	<	0.025	µg/L	EPA 525.2	0.025	0.1			
2017/18-PRE	Carboy Blank	equip blank	9/4/2017	Pesticide	Trithion	n/a	<	0.012	µg/L	EPA 525.2	0.012	0.1			
2017/18-PRE	Lab	method blank	9/3/2017	Pesticide	Trithion	n/a	<	0.012	µg/L	EPA 525.2	0.012	0.1			
2017/18-PRE	Lab	LCS	9/3/2017	Pesticide	Trithion	n/a	=	5.52	µg/L	EPA 525.2	0.012	0.1			
2017/18-PRE	Lab	LCS, rec	9/3/2017	Pesticide	Trithion	n/a	=	110	%	EPA 525.2	-88	-88	60	124	
2017/18-PRE	Lab	LCS dup	9/3/2017	Pesticide	Trithion	n/a	=	5.34	µg/L	EPA 525.2	0.012	0.1			
2017/18-PRE	Lab	LCS dup, rec	9/3/2017	Pesticide	Trithion	n/a	=	107	%	EPA 525.2	-88	-88	60	124	
2017/18-PRE	Lab	LCS, RPD	9/3/2017	Pesticide	Trithion	n/a	=	3	%	EPA 525.2	-88	-88	0	30	
2017/18-PRE	Tubing Blank	equip blank	9/3/2017	Pesticide	Trithion	n/a	<	0.012	µg/L	EPA 525.2	0.012	0.1			
2017-DRY	DRY-CAM4	matrix spike	8/9/2017	Cation	Calcium	Total	=	222	mg/L	EPA 200.7	0.016	0.1			
2017-DRY	DRY-CAM4	matrix spike, rec	8/9/2017	Cation	Calcium	Total	=	82	%	EPA 200.7	-88	-88	70	130	
2017-DRY	DRY-CAM4	matrix spike dup	8/9/2017	Cation	Calcium	Total	=	219	mg/L	EPA 200.7	0.016	0.1			
2017-DRY	DRY-CAM4	matrix spike dup, rec	8/9/2017	Cation	Calcium	Total	=	77	%	EPA 200.7	-88	-88	70	130	
2017-DRY	DRY-CAM4	matrix spike, RPD	8/9/2017	Cation	Calcium	Total	=	1	%	EPA 200.7	-88	-88	0	30	
2017-DRY	Lab	method blank	8/9/2017	Cation	Calcium	Total	<	0.016	mg/L	EPA 200.7	0.016	0.1			
2017-DRY	Lab	LCS	8/9/2017	Cation	Calcium	Total	=	49.8	mg/L	EPA 200.7	0.016	0.1			
2017-DRY	Lab	LCS, rec	8/9/2017	Cation	Calcium	Total	=	100	%	EPA 200.7	-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	
2017-DRY	MO-FIL	matrix spike	8/9/2017	Cation	Calcium	Total	=	189	mg/L	EPA 200.7	0.016	0.1			
2017-DRY	MO-FIL	matrix spike, rec	8/9/2017	Cation	Calcium	Total	=	85	%	EPA 200.7	-88	-88	70	130	
2017-DRY	MO-FIL	matrix spike dup	8/9/2017	Cation	Calcium	Total	=	189	mg/L	EPA 200.7	0.016	0.1			
2017-DRY	MO-FIL	matrix spike dup, rec	8/9/2017	Cation	Calcium	Total	=	85	%	EPA 200.7	-88	-88	70	130	
2017-DRY	MO-FIL	matrix spike, RPD	8/9/2017	Cation	Calcium	Total	=	0.08	%	EPA 200.7	-88	-88	0	30	
2017-DRY	DRY-CAM4	matrix spike	8/9/2017	Cation	Magnesium	Total	=	95.4	mg/L	EPA 200.7	0.012	0.1			
2017-DRY	DRY-CAM4	matrix spike, rec	8/9/2017	Cation	Magnesium	Total	=	93	%	EPA 200.7	-88	-88	70	130	
2017-DRY	DRY-CAM4	matrix spike dup	8/9/2017	Cation	Magnesium	Total	=	95	mg/L	EPA 200.7	0.012	0.1			
2017-DRY	DRY-CAM4	matrix spike dup, rec	8/9/2017	Cation	Magnesium	Total	=	92	%	EPA 200.7	-88	-88	70	130	
2017-DRY	DRY-CAM4	matrix spike, RPD	8/9/2017	Cation	Magnesium	Total	=	0.4	%	EPA 200.7	-88	-88	0	30	
2017-DRY	Lab	method blank	8/9/2017	Cation	Magnesium	Total	<	0.012	mg/L	EPA 200.7	0.012	0.1			
2017-DRY	Lab	LCS	8/9/2017	Cation	Magnesium	Total	=	48.2	mg/L	EPA 200.7	0.012	0.1			
2017-DRY	Lab	LCS, rec	8/9/2017	Cation	Magnesium	Total	=	96	%	EPA 200.7	-88	-88	85	115	
2017-DRY	MO-FIL	matrix spike	8/9/2017	Cation	Magnesium	Total	=	88.8	mg/L	EPA 200.7	0.012	0.1			
2017-DRY	MO-FIL	matrix spike, rec	8/9/2017	Cation	Magnesium	Total	=	93	%	EPA 200.7	-88	-88	70	130	
2017-DRY	MO-FIL	matrix spike dup	8/9/2017	Cation	Magnesium	Total	=	88.9	mg/L	EPA 200.7	0.012	0.1			
2017-DRY	MO-FIL	matrix spike dup, rec	8/9/2017	Cation	Magnesium	Total	=	93	%	EPA 200.7	-88	-88	70	130	
2017-DRY	MO-FIL	matrix spike, RPD	8/9/2017	Cation	Magnesium	Total	=	0.1	%	EPA 200.7	-88	-88	0	30	
2017-DRY	000NONPJ	lab duplicate	8/17/2017	Conventional	Total Organic Carbon	n/a	=	1.76	mg/L	SM 5310 C	0.0331	0.3	0	20	
2017-DRY	000NONPJ	lab duplicate	8/17/2017	Conventional	Total Organic Carbon	n/a	=	1.2	mg/L	SM 5310 C	0.0331	0.3	0	20	
2017-DRY	000NONPJ	matrix spike	8/17/2017	Conventional	Total Organic Carbon	n/a	=	5.64	mg/L	SM 5310 C	0.0331	0.3			
2017-DRY	000NONPJ	matrix spike, rec	8/17/2017	Conventional	Total Organic Carbon	n/a	=	97	%	SM 5310 C	-88	-88	75	125	
2017-DRY	000NONPJ	lab duplicate	8/21/2017	Conventional	Total Organic Carbon	n/a	=	2.5	mg/L	SM 5310 C	0.0331	0.3	0	20	
2017-DRY	000NONPJ	matrix spike	8/21/2017	Conventional	Total Organic Carbon	n/a	=	6.88	mg/L	SM 5310 C	0.0331	0.3			
2017-DRY	000NONPJ	matrix spike, rec	8/21/2017	Conventional	Total Organic Carbon	n/a	=	98	%	SM 5310 C	-88	-88	75	125	
2017-DRY	Lab	LCS	8/17/2017	Conventional	Total Organic Carbon	n/a	=	4.88	mg/L	SM 5310 C	0.0331	0.3			
2017-DRY	Lab	LCS, rec	8/17/2017	Conventional	Total Organic Carbon	n/a	=	98	%	SM 5310 C	-88	-88	90	110	
2017-DRY	Lab	method blank	8/17/2017	Conventional	Total Organic Carbon	n/a	<	0.0331	mg/L	SM 5310 C	0.0331	0.3			
2017-DRY	Lab	LCS	8/21/2017	Conventional	Total Organic Carbon	n/a	=	4.63	mg/L	SM 5310 C	0.0331	0.3			
2017-DRY	Lab	LCS, rec	8/21/2017	Conventional	Total Organic Carbon	n/a	=	93	%	SM 5310 C	-88	-88	90	110	
2017-DRY	Lab	method blank	8/21/2017	Conventional	Total Organic Carbon	n/a	<	0.0331	mg/L	SM 5310 C	0.0331	0.3			
2017-DRY	DRY-OJA6	matrix spike	8/9/2017	Metal	Copper	Dissolved	=	45.1	µg/L	EPA 200.8	0.13	0.5			
2017-DRY	DRY-OJA6	matrix spike, rec	8/9/2017	Metal	Copper	Dissolved	=	89	%	EPA 200.8	-88	-88	70	130	
2017-DRY	DRY-OJA6	matrix spike dup	8/9/2017	Metal	Copper	Dissolved	=	45.9	µg/L	EPA 200.8	0.13	0.5			
2017-DRY	DRY-OJA6	matrix spike dup, rec	8/9/2017	Metal	Copper	Dissolved	=	91	%	EPA 200.8	-88	-88	70	130	
2017-DRY	DRY-OJA6	matrix spike, RPD	8/9/2017	Metal	Copper	Dissolved	=	2	%	EPA 200.8	-88	-88	0	30	
2017-DRY	Lab	method blank	8/9/2017	Metal	Copper	Dissolved	<	0.13	µg/L	EPA 200.8	0.13	0.5			
2017-DRY	Lab	LCS	8/9/2017	Metal	Copper	Dissolved	=	52.7	µg/L	EPA 200.8	0.13	0.5			
2017-DRY	Lab	LCS, rec	8/9/2017	Metal	Copper	Dissolved	=	105	%	EPA 200.8	-88	-88	85	115	
2017-DRY	MO-MPK	matrix spike	8/9/2017	Metal	Copper	Dissolved	=	56.2	µg/L	EPA 200.8	0.13	0.5			
2017-DRY	MO-MPK	matrix spike, rec	8/9/2017	Metal	Copper	Dissolved	=	97	%	EPA 200.8	-88	-88	70	130	
2017-DRY	MO-MPK	matrix spike dup	8/9/2017	Metal	Copper	Dissolved	=	55	µg/L	EPA 200.8	0.13	0.5			
2017-DRY	MO-MPK	matrix spike dup, rec	8/9/2017	Metal	Copper	Dissolved	=	94	%	EPA 200.8	-88	-88	70	130	
2017-DRY	MO-MPK	matrix spike, RPD	8/9/2017	Metal	Copper	Dissolved	=	2	%	EPA 200.8	-88	-88	0	30	
2017-DRY	DRY-OJA6	matrix spike	8/9/2017	Metal	Lead	Dissolved	=	47.2	µg/L	EPA 200.8	0.031	0.2			
2017-DRY	DRY-OJA6	matrix spike, rec	8/9/2017	Metal	Lead	Dissolved	=	94	%	EPA 200.8	-88	-88	70	130	
2017-DRY	DRY-OJA6	matrix spike dup	8/9/2017	Metal	Lead	Dissolved	=	48.1	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	
2017-DRY	DRY-OJA6	matrix spike dup, rec	8/9/2017	Metal	Lead	Dissolved	=	96	%	EPA 200.8	-88	-88	70	130	
2017-DRY	DRY-OJA6	matrix spike, RPD	8/9/2017	Metal	Lead	Dissolved	=	2	%	EPA 200.8	-88	-88	0	30	
2017-DRY	Lab	method blank	8/9/2017	Metal	Lead	Dissolved	<	0.031	µg/L	EPA 200.8	0.031	0.2			
2017-DRY	Lab	LCS	8/9/2017	Metal	Lead	Dissolved	=	50.2	µg/L	EPA 200.8	0.031	0.2			
2017-DRY	Lab	LCS, rec	8/9/2017	Metal	Lead	Dissolved	=	100	%	EPA 200.8	-88	-88	85	115	
2017-DRY	MO-MPK	matrix spike	8/9/2017	Metal	Lead	Dissolved	=	48.6	µg/L	EPA 200.8	0.031	0.2			
2017-DRY	MO-MPK	matrix spike, rec	8/9/2017	Metal	Lead	Dissolved	=	97	%	EPA 200.8	-88	-88	70	130	
2017-DRY	MO-MPK	matrix spike dup	8/9/2017	Metal	Lead	Dissolved	=	47.6	µg/L	EPA 200.8	0.031	0.2			
2017-DRY	MO-MPK	matrix spike dup, rec	8/9/2017	Metal	Lead	Dissolved	=	95	%	EPA 200.8	-88	-88	70	130	
2017-DRY	MO-MPK	matrix spike, RPD	8/9/2017	Metal	Lead	Dissolved	=	2	%	EPA 200.8	-88	-88	0	30	
2017-DRY	DRY-OJA6	matrix spike	8/9/2017	Metal	Zinc	Dissolved	=	47.5	µg/L	EPA 200.8	0.94	5			
2017-DRY	DRY-OJA6	matrix spike, rec	8/9/2017	Metal	Zinc	Dissolved	=	95	%	EPA 200.8	-88	-88	70	130	
2017-DRY	DRY-OJA6	matrix spike dup	8/9/2017	Metal	Zinc	Dissolved	=	47	µg/L	EPA 200.8	0.94	5			
2017-DRY	DRY-OJA6	matrix spike dup, rec	8/9/2017	Metal	Zinc	Dissolved	=	94	%	EPA 200.8	-88	-88	70	130	
2017-DRY	DRY-OJA6	matrix spike, RPD	8/9/2017	Metal	Zinc	Dissolved	=	1	%	EPA 200.8	-88	-88	0	30	
2017-DRY	Lab	method blank	8/9/2017	Metal	Zinc	Dissolved	<	0.94	µg/L	EPA 200.8	0.94	5			
2017-DRY	Lab	LCS	8/9/2017	Metal	Zinc	Dissolved	=	53	µg/L	EPA 200.8	0.94	5			
2017-DRY	Lab	LCS, rec	8/9/2017	Metal	Zinc	Dissolved	=	106	%	EPA 200.8	-88	-88	85	115	
2017-DRY	MO-MPK	matrix spike	8/9/2017	Metal	Zinc	Dissolved	=	51	µg/L	EPA 200.8	0.94	5			
2017-DRY	MO-MPK	matrix spike, rec	8/9/2017	Metal	Zinc	Dissolved	=	96	%	EPA 200.8	-88	-88	70	130	
2017-DRY	MO-MPK	matrix spike dup	8/9/2017	Metal	Zinc	Dissolved	=	50.4	µg/L	EPA 200.8	0.94	5			
2017-DRY	MO-MPK	matrix spike dup, rec	8/9/2017	Metal	Zinc	Dissolved	=	95	%	EPA 200.8	-88	-88	70	130	
2017-DRY	MO-MPK	matrix spike, RPD	8/9/2017	Metal	Zinc	Dissolved	=	1	%	EPA 200.8	-88	-88	0	30	